

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032519\
 Data File : VN054669.D
 Acq On : 25 Mar 2019 13:40
 Operator : JC/SP
 Sample : VN0325WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBSD01

Quant Time: Mar 26 01:24:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	416705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	695913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	609311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	250605	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	291772	56.29	ug/l	0.00
Spiked Amount			Recovery	=	112.58%	
35) Dibromofluoromethane	7.59	113	228888	51.05	ug/l	0.00
Spiked Amount			Recovery	=	102.10%	
50) Toluene-d8	10.09	98	843400	50.04	ug/l	0.00
Spiked Amount			Recovery	=	100.08%	
62) 4-Bromofluorobenzene	12.40	95	282580	49.27	ug/l	0.00
Spiked Amount			Recovery	=	98.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	86063	21.604	ug/l	99
3) Chloromethane	2.06	50	118465	21.857	ug/l	100
4) Vinyl Chloride	2.19	62	108824	19.998	ug/l	99
5) Bromomethane	2.57	94	62723	17.825	ug/l	94
6) Chloroethane	2.71	64	60663	18.586	ug/l	95
7) Trichlorofluoromethane	3.02	101	134206	20.308	ug/l	99
8) Diethyl Ether	3.41	74	47428	18.661	ug/l	73
9) 1,1,2-Trichlorotrifluoroet	3.76	101	72073	18.557	ug/l	94
10) Methyl Iodide	3.95	142	101257	17.724	ug/l	91
11) Tert butyl alcohol	4.82	59	31955	101.833	ug/l #	86
12) 1,1-Dichloroethene	3.73	96	69404	17.268	ug/l #	77
13) Acrolein	3.61	56	42481	98.098	ug/l	94
14) Allyl chloride	4.32	41	164283	21.706	ug/l #	91
15) Acrylonitrile	4.99	53	182736	116.937	ug/l	99
16) Acetone	3.82	43	133633	85.755	ug/l #	82
17) Carbon Disulfide	4.04	76	187984	17.456	ug/l	99
18) Methyl Acetate	4.33	43	82360	23.712	ug/l #	89
19) Methyl tert-butyl Ether	5.06	73	256148	21.837	ug/l	94
20) Methylene Chloride	4.55	84	97097	21.137	ug/l #	81
21) trans-1,2-Dichloroethene	5.04	96	87462	21.311	ug/l	85
22) Diisopropyl ether	5.96	45	347379	23.269	ug/l #	94
23) Vinyl Acetate	5.90	43	1213050	115.049	ug/l #	92
24) 1,1-Dichloroethane	5.85	63	181408	22.568	ug/l	96
25) 2-Butanone	6.85	43	221944	111.183	ug/l	91
26) 2,2-Dichloropropane	6.82	77	116145	20.270	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	105218	21.494	ug/l	89
28) Bromochloromethane	7.19	49	93531	23.640	ug/l #	73
29) Tetrahydrofuran	7.22	42	152590	117.794	ug/l #	84
30) Chloroform	7.37	83	174736	22.275	ug/l	97
31) Cyclohexane	7.65	56	169728	20.957	ug/l	86
32) 1,1,1-Trichloroethane	7.57	97	142317	21.990	ug/l	95
36) 1,1-Dichloropropene	7.79	75	126698	19.472	ug/l	96
37) Ethyl Acetate	6.93	43	98227	21.225	ug/l #	93
38) Carbon Tetrachloride	7.77	117	121829	19.267	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	134887	18.122	ug/l #	85
40) Benzene	8.04	78	385881	20.739	ug/l	100
41) Methacrylonitrile	7.18	41	53829	19.072	ug/l	94
42) 1,2-Dichloroethane	8.13	62	139930	20.650	ug/l	97
43) Isopropyl Acetate	8.17	43	166908	21.355	ug/l #	92
44) Trichloroethene	8.83	130	100901	19.505	ug/l	92
45) 1,2-Dichloropropane	9.12	63	109973	22.011	ug/l	100
46) Dibromomethane	9.21	93	61431	20.610	ug/l	89
47) Bromodichloromethane	9.40	83	126235	20.407	ug/l	96
48) Methyl methacrylate	9.20	41	87451	20.615	ug/l #	86
49) 1,4-Dioxane	9.20	88	18193	383.618	ug/l #	79
51) 4-Methyl-2-Pentanone	9.99	43	474704	109.592	ug/l	93
52) Toluene	10.16	92	232958	20.356	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	113239	18.811	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	141501	19.950	ug/l #	90
55) 1,1,2-Trichloroethane	10.56	97	86999	21.149	ug/l	96
56) Ethyl methacrylate	10.43	69	114063	20.658	ug/l #	84
57) 1,3-Dichloropropane	10.71	76	152482	21.324	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	191866	84.389	ug/l	90
59) 2-Hexanone	10.75	43	297417	105.119	ug/l	91
60) Dibromochloromethane	10.90	129	86116	19.673	ug/l	100
61) 1,2-Dibromoethane	11.01	107	82119	20.192	ug/l	99
64) Tetrachloroethene	10.63	164	94701	18.738	ug/l	95
65) Chlorobenzene	11.43	112	243716	19.666	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	88287	19.848	ug/l	97
67) Ethyl Benzene	11.51	91	436170	19.925	ug/l	97
68) m/p-Xylenes	11.62	106	319208	38.497	ug/l	94
69) o-Xylene	11.95	106	160041	19.764	ug/l	98
70) Styrene	11.96	104	257330	19.569	ug/l	96
71) Bromoform	12.13	173	50257	17.881	ug/l #	99
73) Isopropylbenzene	12.25	105	418209	20.709	ug/l	99
74) N-amyl acetate	12.07	43	126405	21.769	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.50	83	102107	22.150	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	120843	30.388	ug/l #	100
77) Bromobenzene	12.53	156	102358	20.437	ug/l	86
78) n-propylbenzene	12.59	91	449927	20.547	ug/l	97
79) 2-Chlorotoluene	12.67	91	282271	20.671	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	344618	20.822	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	19053	18.641	ug/l #	77
82) 4-Chlorotoluene	12.77	91	270100	20.406	ug/l	97
83) tert-Butylbenzene	12.99	119	299944	20.820	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	334675	20.608	ug/l	97
85) sec-Butylbenzene	13.17	105	366476	20.406	ug/l	97
86) p-Isopropyltoluene	13.29	119	319630	19.893	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	166499	20.061	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	158276	19.600	ug/l	96
89) n-Butylbenzene	13.61	91	243645	19.393	ug/l	98
90) Hexachloroethane	13.87	117	49797	19.967	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	164320	20.440	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15053	22.263	ug/l	76

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Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration

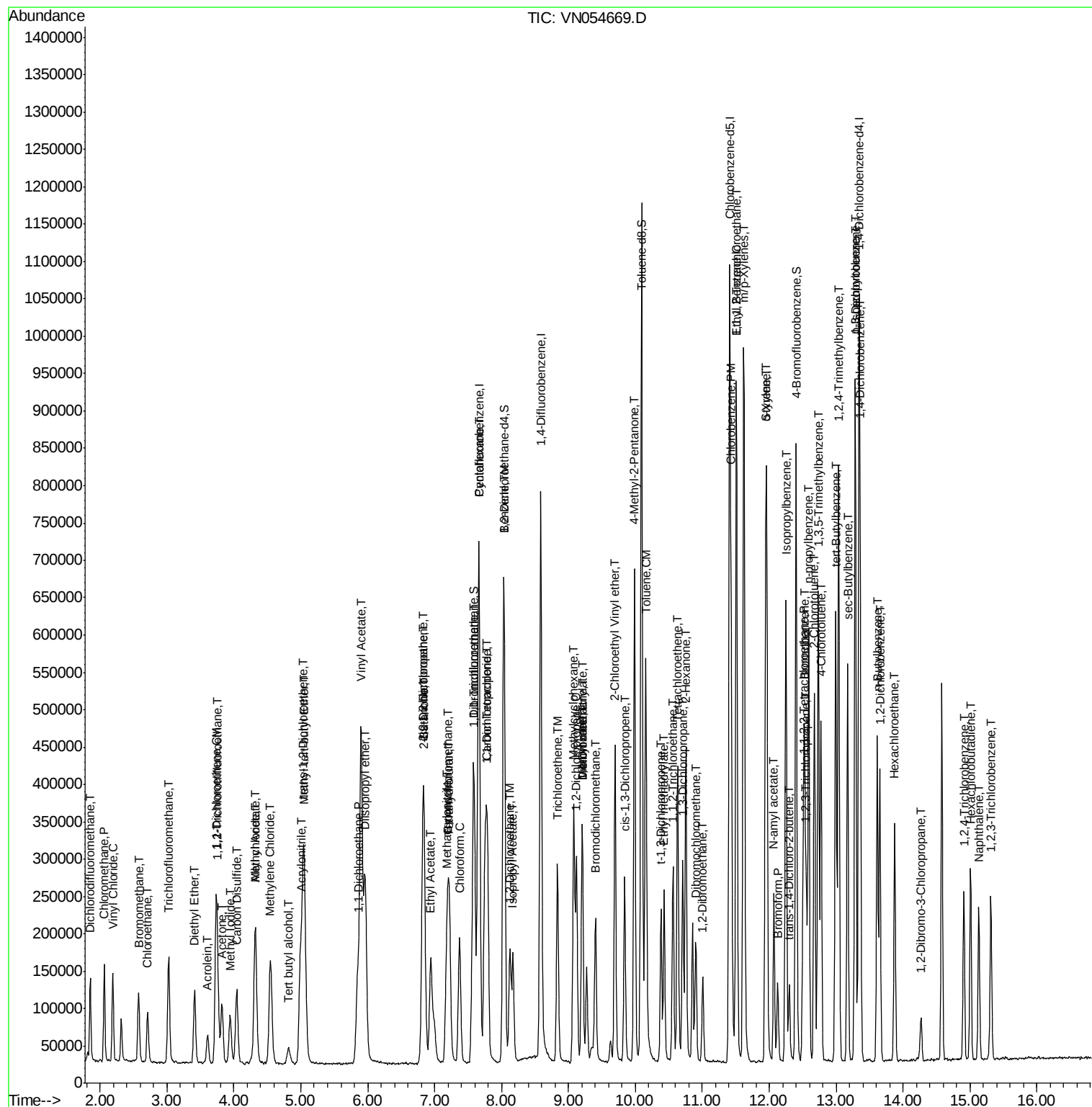
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	72644	18.127	ug/l	99
94) Hexachlorobutadiene	15.01	225	51074	21.258	ug/l	99
95) Naphthalene	15.13	128	171256	19.158	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	74853	18.767	ug/l	99

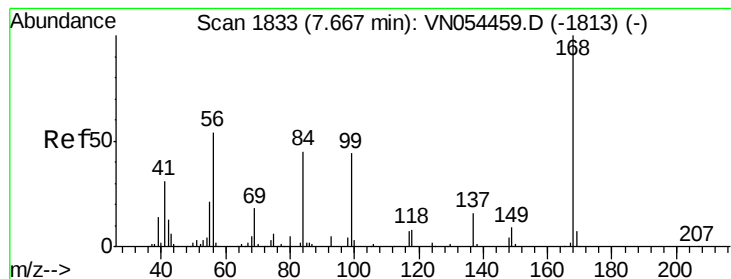
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

Instrument :

MSVOA_N

ClientSampleId :

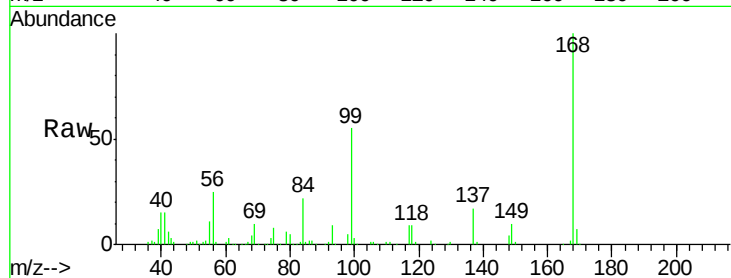
VN0325WBSD01

Tot Ion:168 Resp: 416705

Ion Ratio Lower Upper

168 100

99 53.9 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

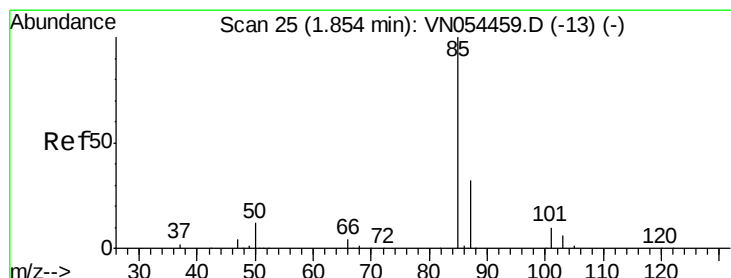
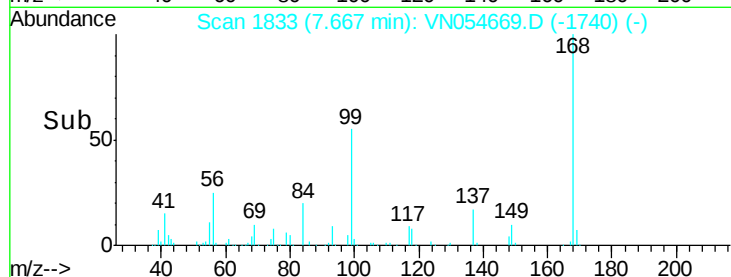
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.604 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN054669.D

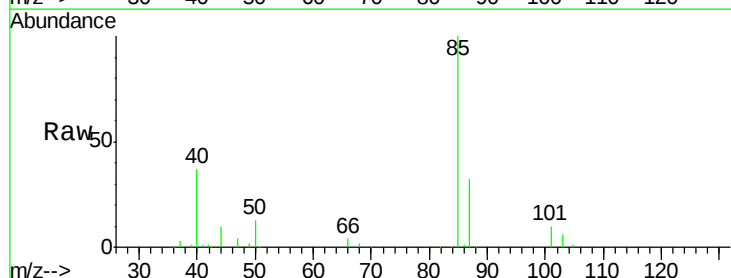
Acq: 25 Mar 2019 13:40

Tgt Ion: 85 Resp: 86063

Ion Ratio Lower Upper

85 100

87 32.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

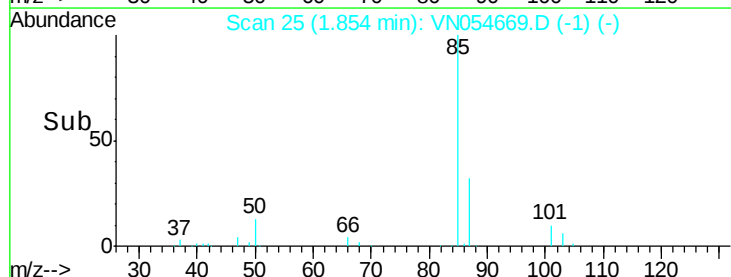
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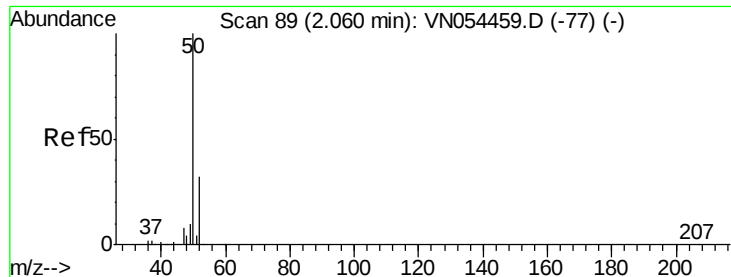
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20000

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Time-->





#3

Chloromethane

Concen: 21.857 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

Instrument :

MSVOA_N

ClientSampleId :

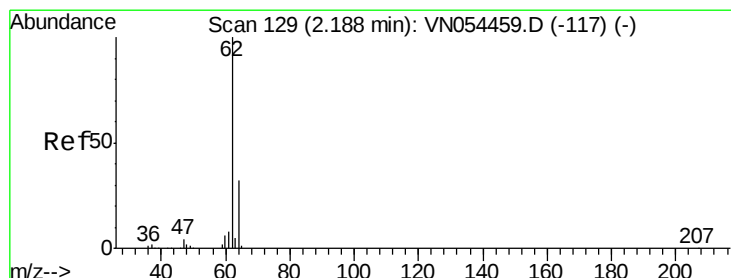
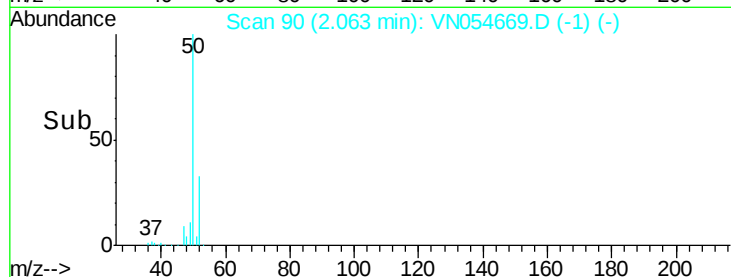
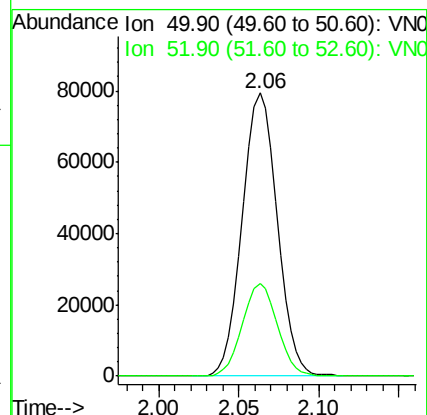
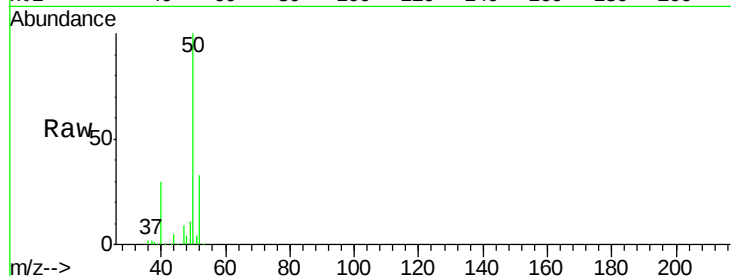
VN0325WBSD01

Tot Ion: 50 Resp: 118465

Ion Ratio Lower Upper

50 100

52 32.9 26.4 39.6



#4

Vinyl Chloride

Concen: 19.998 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN054669.D

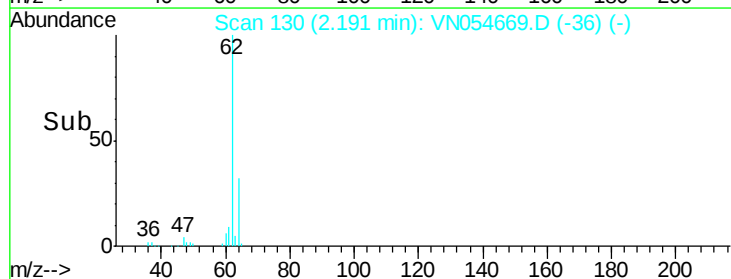
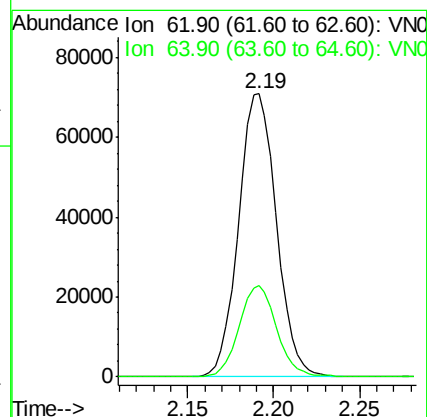
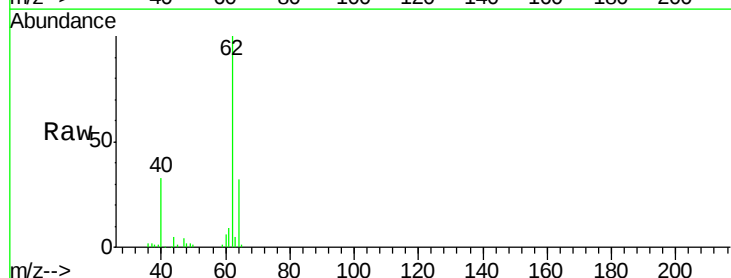
Acq: 25 Mar 2019 13:40

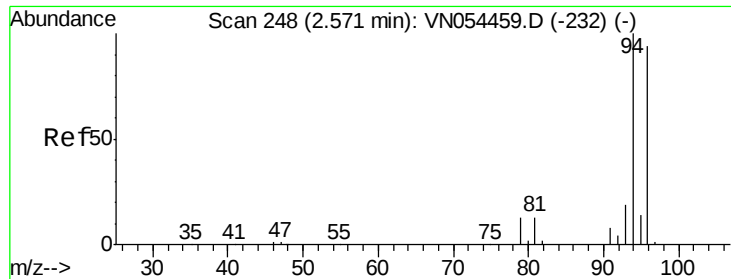
Tgt Ion: 62 Resp: 108824

Ion Ratio Lower Upper

62 100

64 32.5 25.5 38.3





#5

Bromomethane

Concen: 17.825 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

Instrument :

MSVOA_N

ClientSampleId :

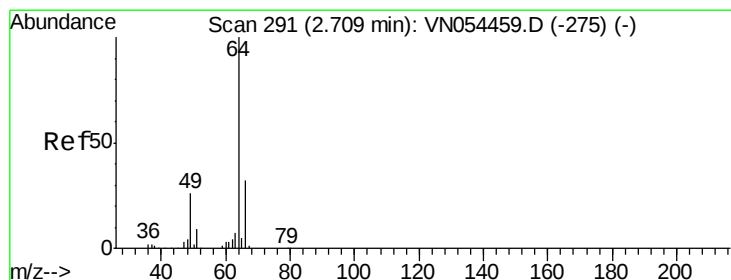
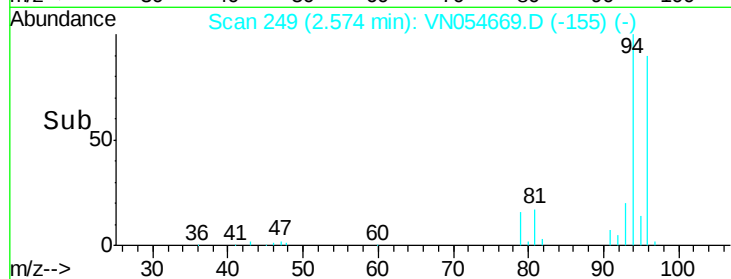
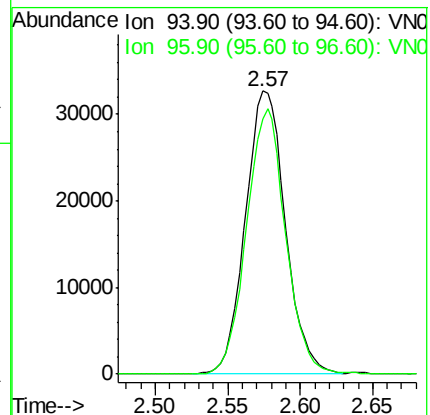
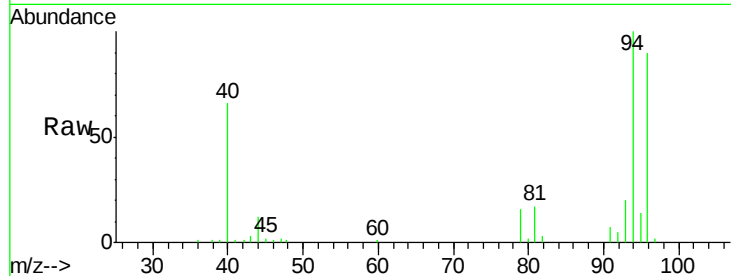
VN0325WBSD01

Tot Ion: 94 Resp: 62723

Ion Ratio Lower Upper

94 100

96 90.1 77.0 115.4



#6

Chloroethane

Concen: 18.586 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN054669.D

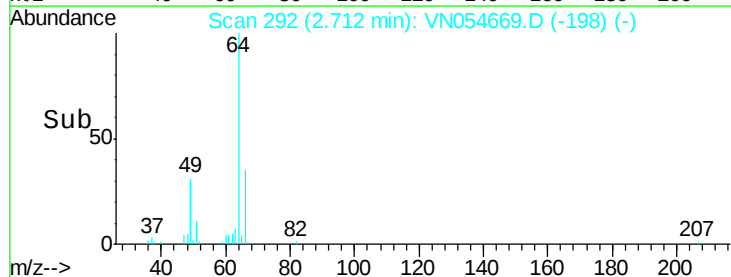
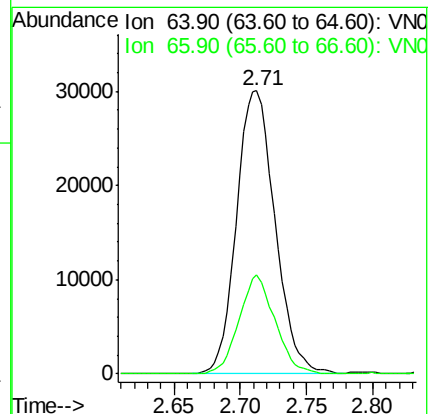
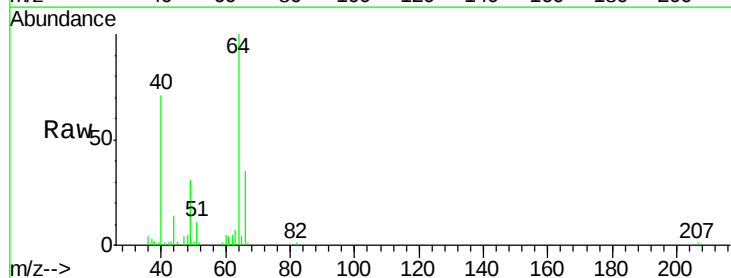
Acq: 25 Mar 2019 13:40

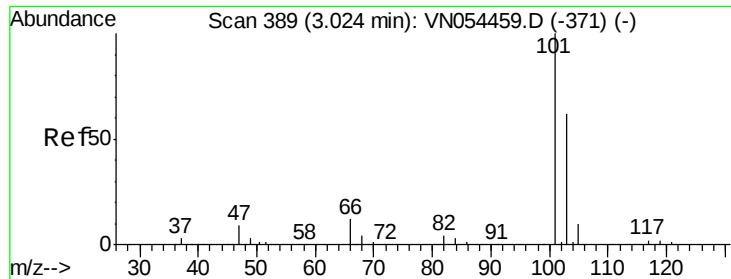
Tgt Ion: 64 Resp: 60663

Ion Ratio Lower Upper

64 100

66 34.9 25.7 38.5



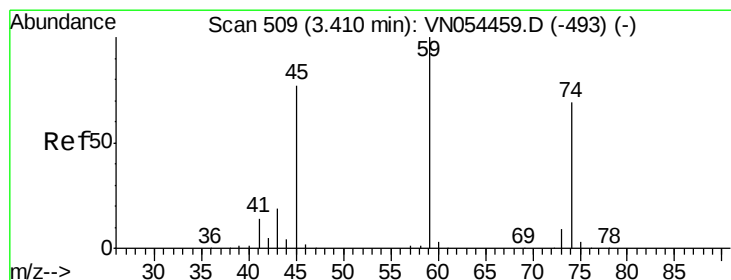
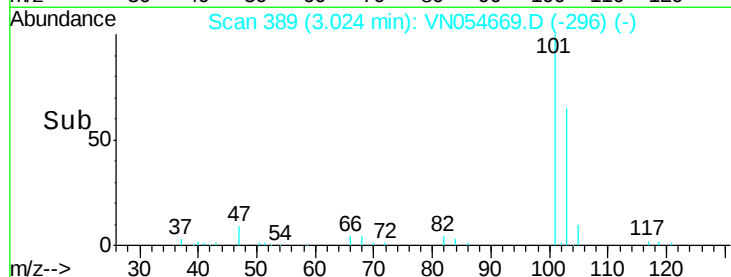
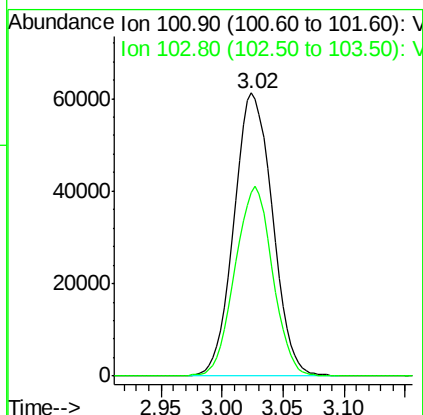
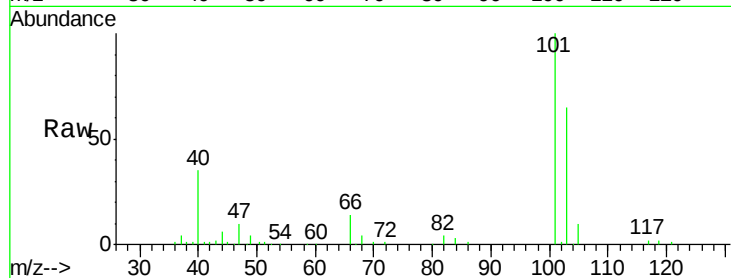


#7

Trichlorofluoromethane
 Concen: 20.308 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN054669.D
 Acq: 25 Mar 2019 13:40

Instrument :
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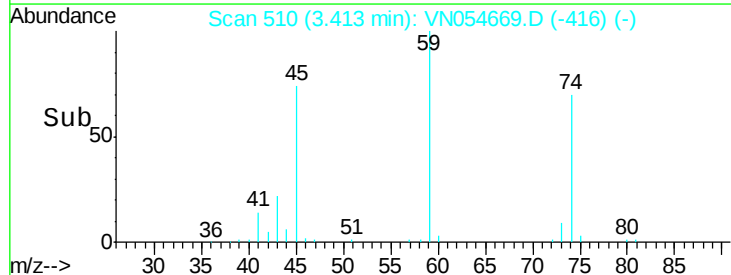
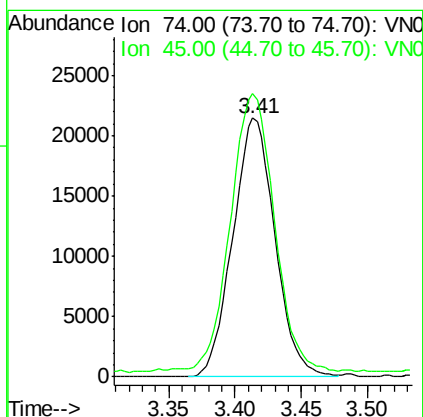
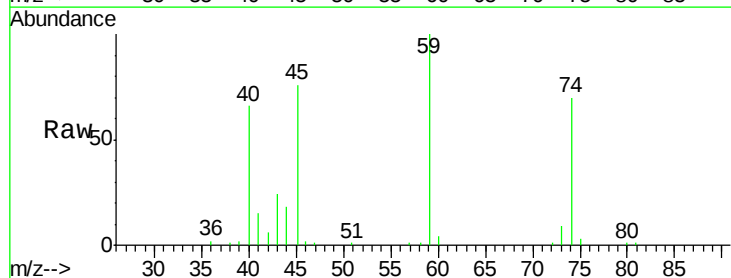
Tot Ion:101 Resp: 134206
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.4 77.2

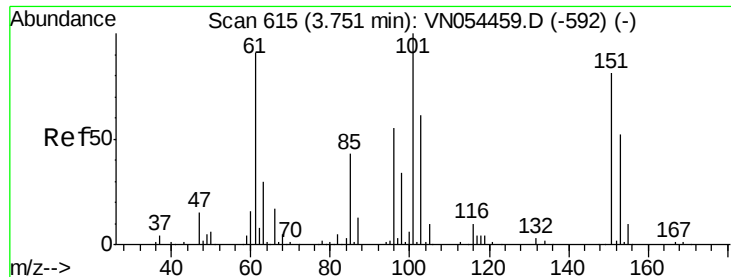


#8

Diethyl Ether
 Concen: 18.661 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN054669.D
 Acq: 25 Mar 2019 13:40

Tgt Ion: 74 Resp: 47428
 Ion Ratio Lower Upper
 74 100
 45 110.9 43.1 129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.557 ug/l

RT: 3.76 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBSD01

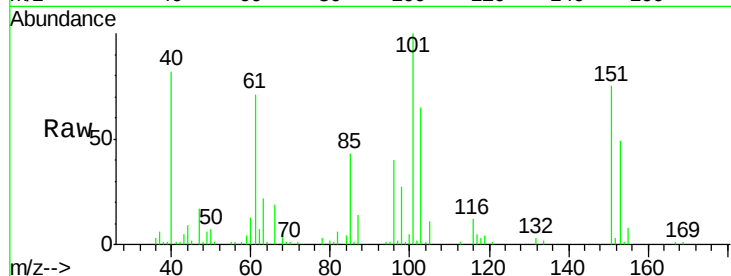
Tot Ion:101 Resp: 72073

Ion Ratio Lower Upper

101 100

85 45.0 32.4 48.6

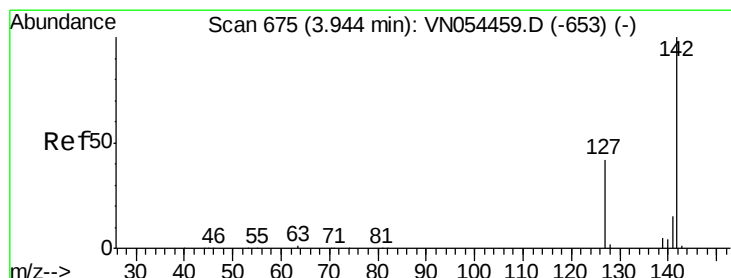
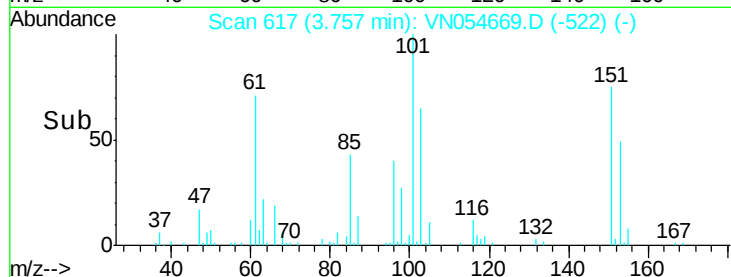
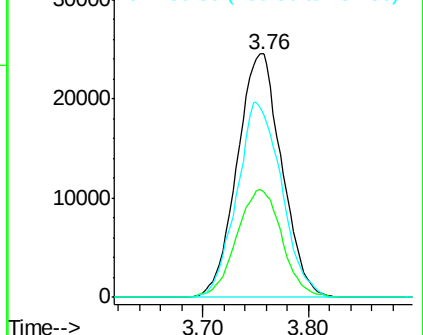
151 80.0 68.2 102.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.724 ug/l

RT: 3.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

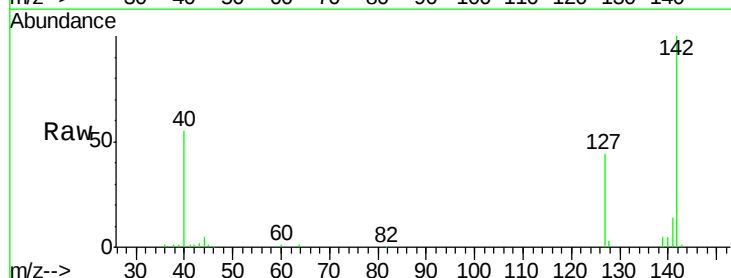
Tgt Ion:142 Resp: 101257

Ion Ratio Lower Upper

142 100

127 44.7 30.3 45.5

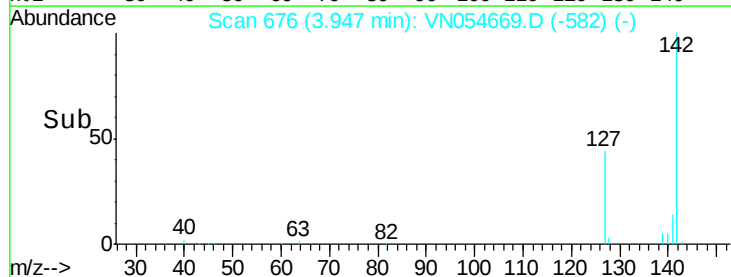
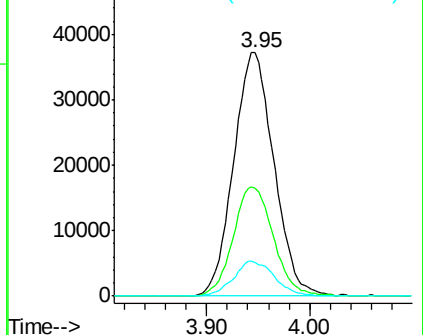
141 14.5 11.2 16.8

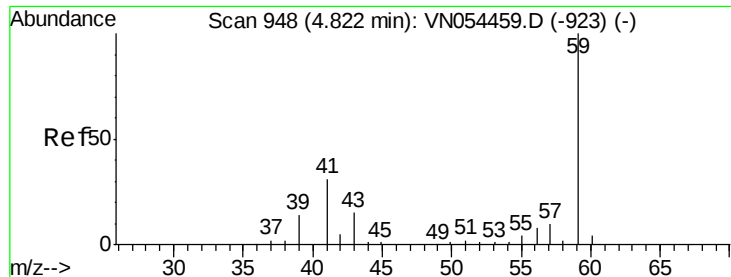


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

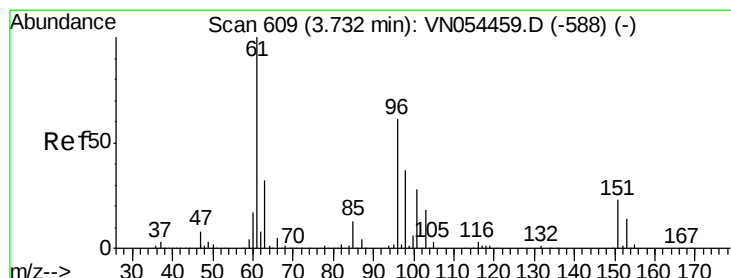
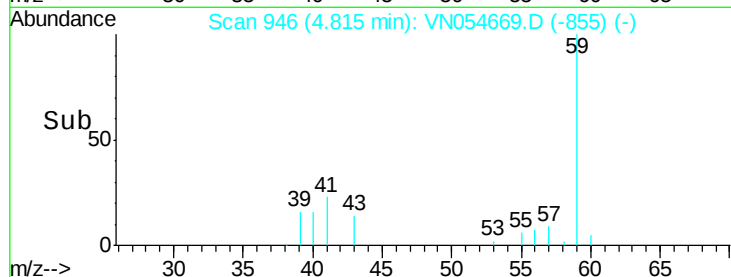
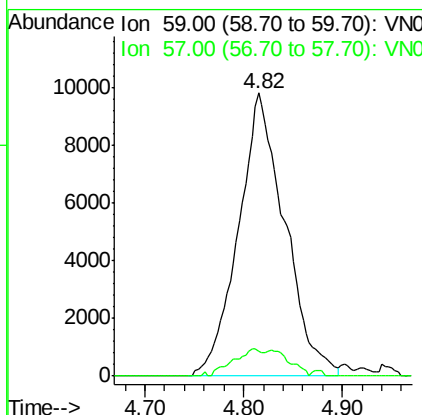
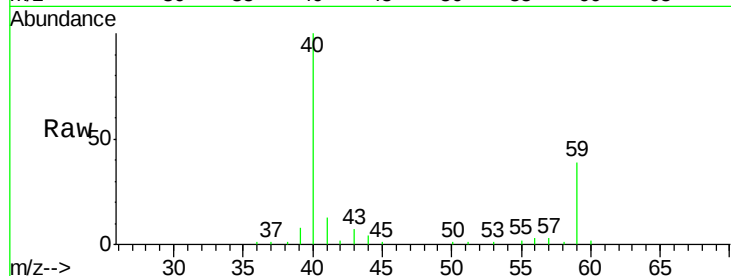




#11
Tert butyl alcohol
Concen: 101.833 ug/l
RT: 4.82 min Scan# 946
Delta R.T. -0.01 min
Lab File: VN054669.D
Acq: 25 Mar 2019 13:40

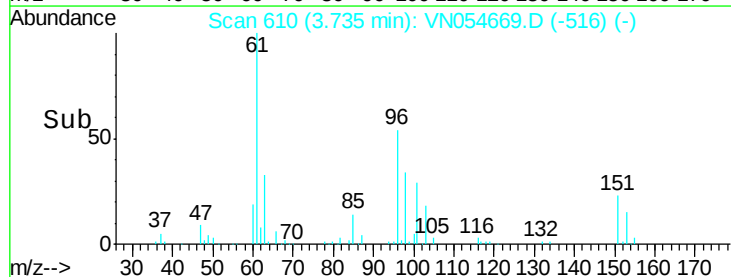
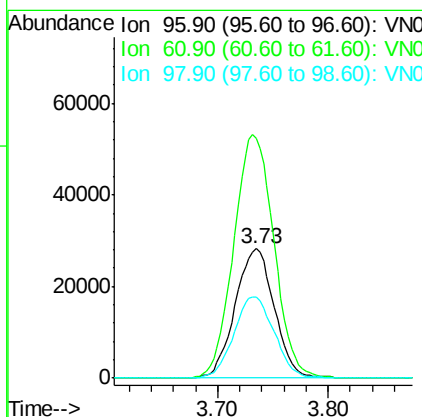
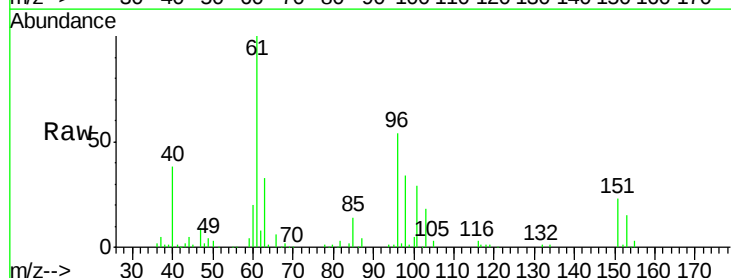
Instrument :
MSVOA_N
ClientSampled :
VN0325WBSD01

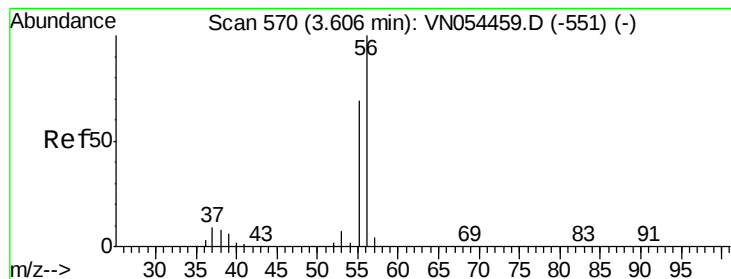
Tot Ion: 59 Resp: 31955
Ion Ratio Lower Upper
59 100
57 5.8 9.0 13.6#



#12
1,1-Dichloroethene
Concen: 17.268 ug/l
RT: 3.73 min Scan# 610
Delta R.T. 0.00 min
Lab File: VN054669.D
Acq: 25 Mar 2019 13:40

Tgt Ion: 96 Resp: 69404
Ion Ratio Lower Upper
96 100
61 185.7 116.5 174.7#
98 62.6 51.0 76.4





#13

Acrolein

Concen: 98.098 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

Instrument :

MSVOA_N

ClientSampleId :

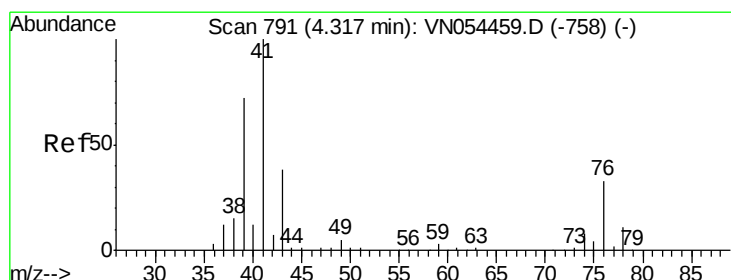
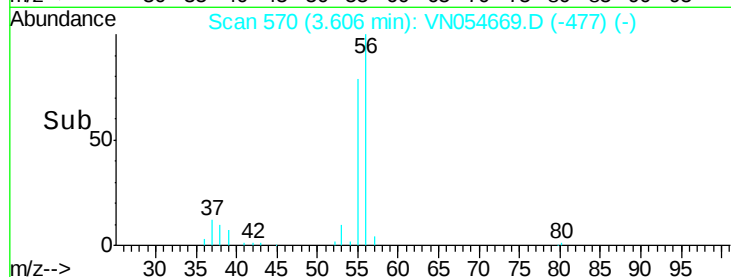
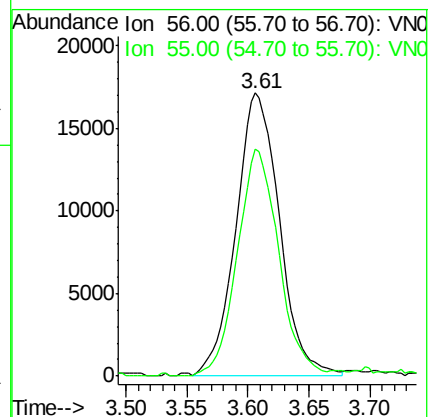
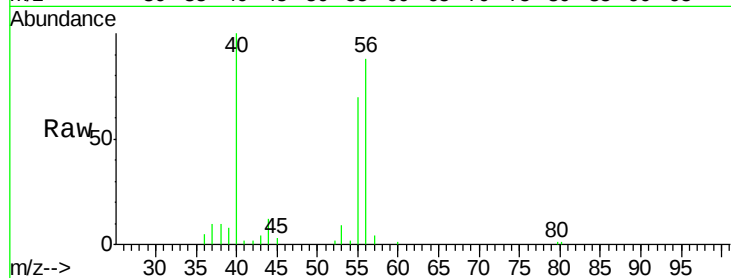
VN0325WBSD01

Tot Ion: 56 Resp: 42481

Ion Ratio Lower Upper

56 100

55 76.0 56.7 85.1



#14

Allyl chloride

Concen: 21.706 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

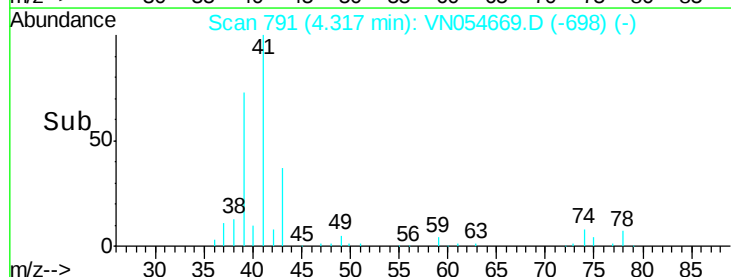
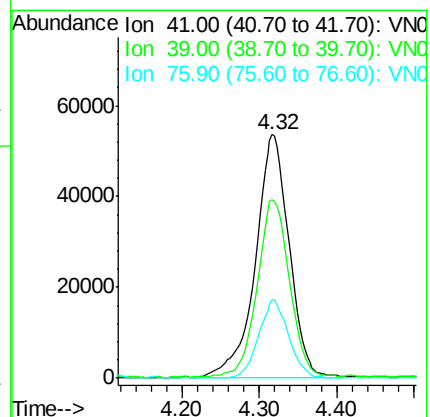
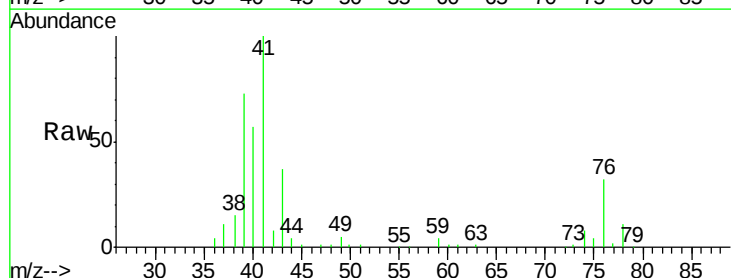
Tgt Ion: 41 Resp: 164283

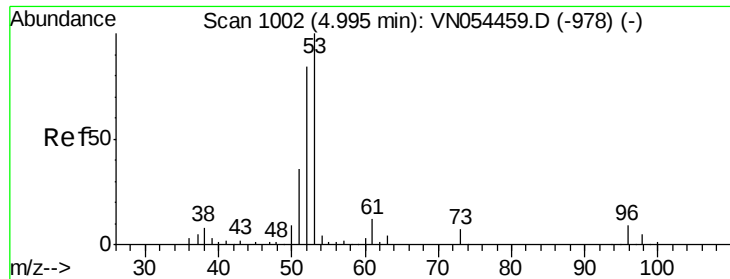
Ion Ratio Lower Upper

41 100

39 68.9 58.2 87.4

76 28.4 31.7 47.5#





#15

Acrylonitrile

Concen: 116.937 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBSD01

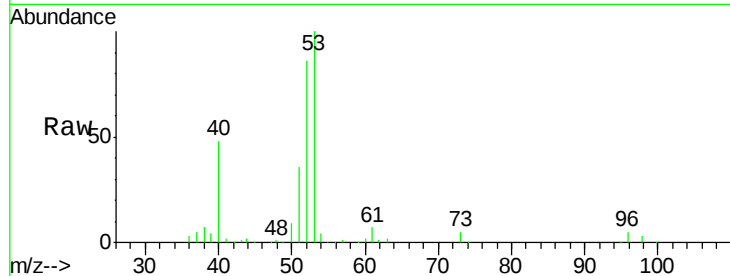
Tot Ion: 53 Resp: 182736

Ion Ratio Lower Upper

53 100

52 82.0 66.4 99.6

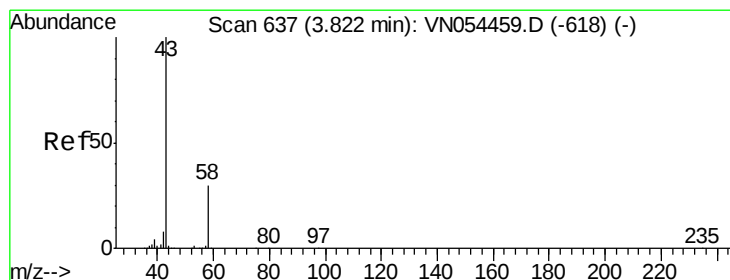
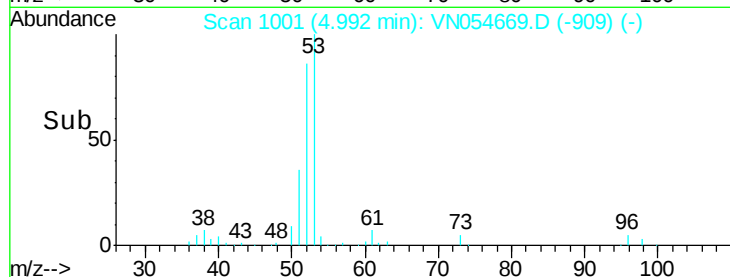
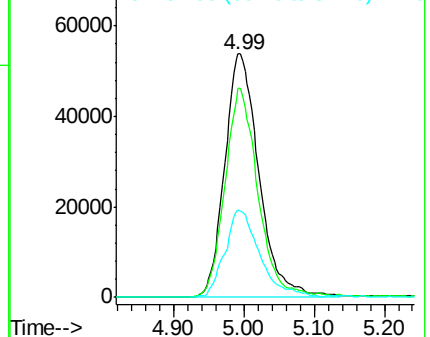
51 36.6 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 85.755 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054669.D

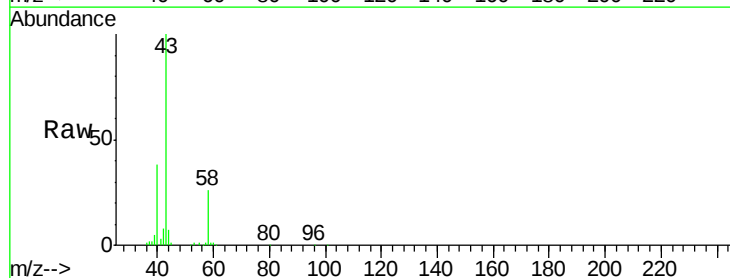
Acq: 25 Mar 2019 13:40

Tgt Ion: 43 Resp: 133633

Ion Ratio Lower Upper

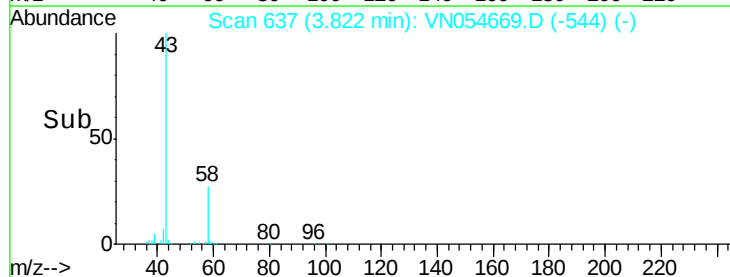
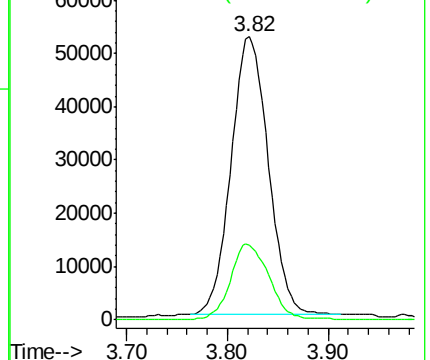
43 100

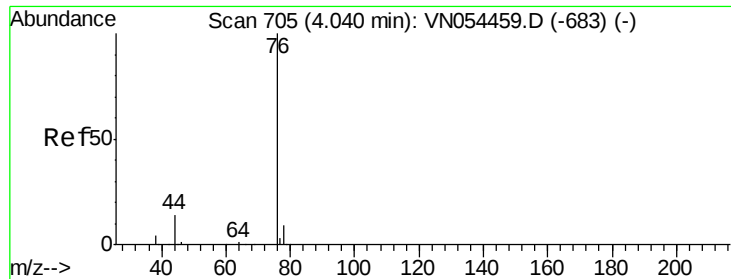
58 26.6 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

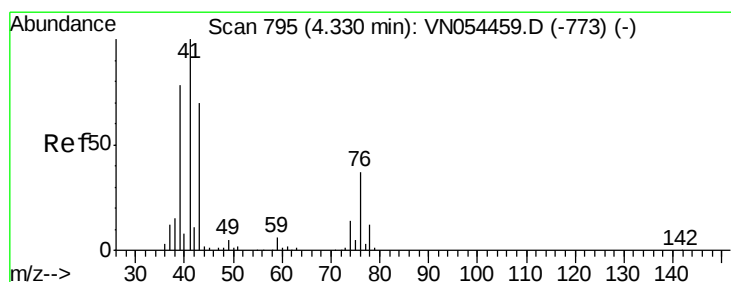
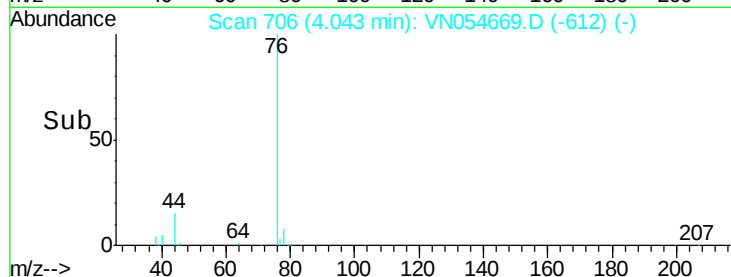
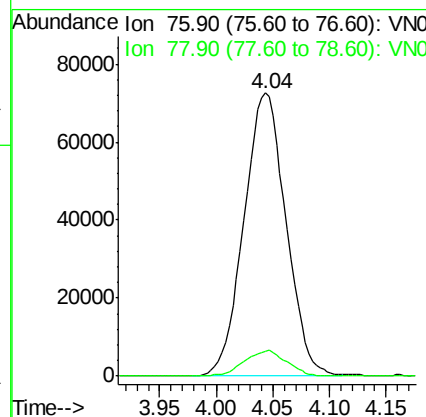
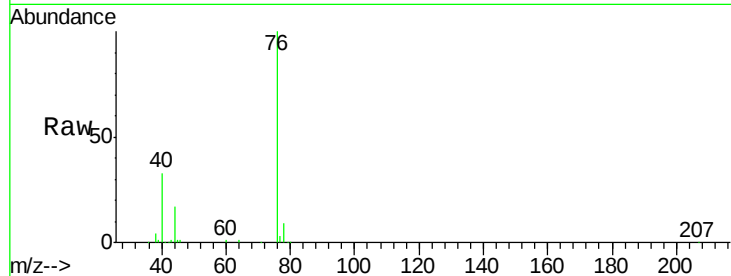




#17
Carbon Disulfide
Concen: 17.456 ug/l
RT: 4.04 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN054669.D
Acq: 25 Mar 2019 13:40

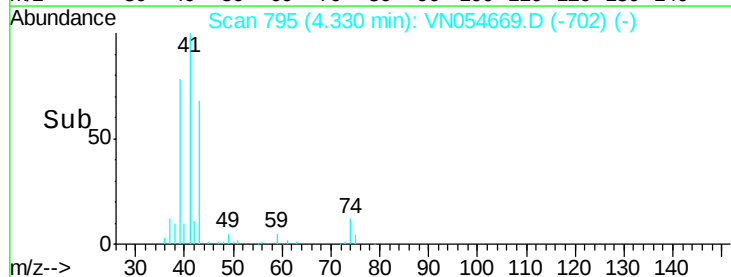
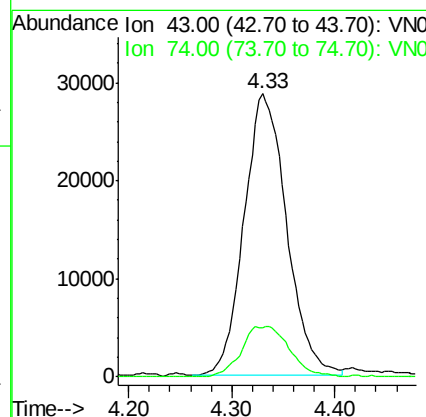
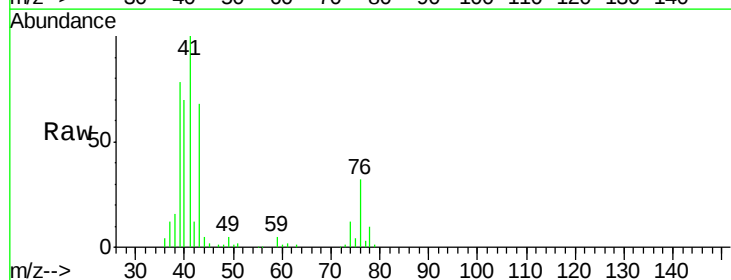
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01

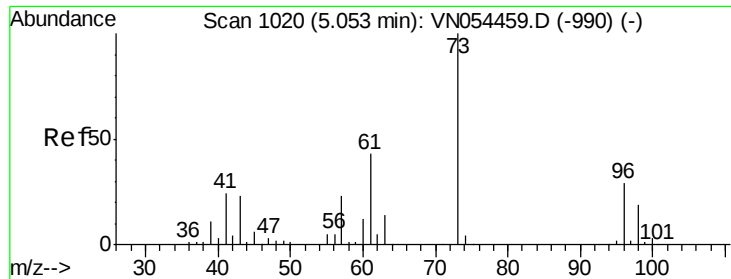
Tot Ion: 76 Resp: 187984
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 23.712 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN054669.D
Acq: 25 Mar 2019 13:40

Tgt Ion: 43 Resp: 82360
Ion Ratio Lower Upper
43 100
74 20.2 20.8 31.2#

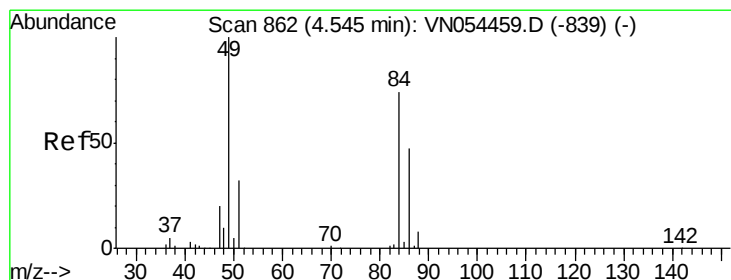
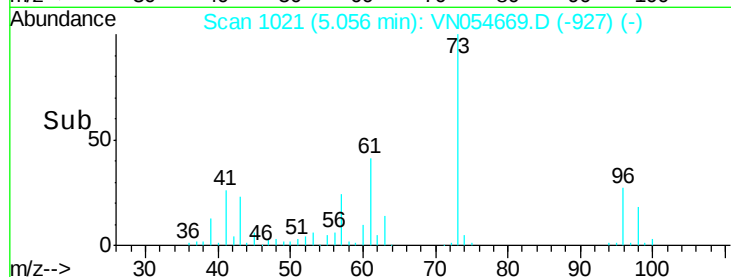
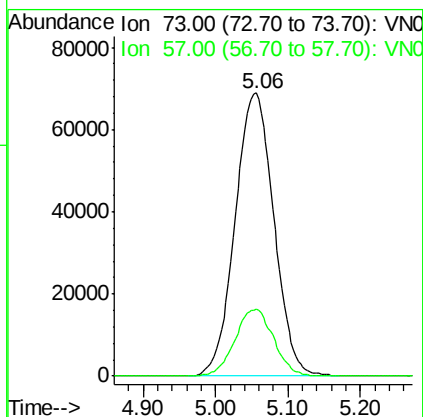
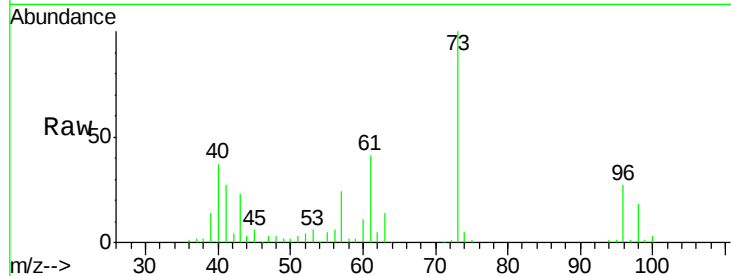




#19
Methvl tert-butvl Ether
Concen: 21.837 ug/l
RT: 5.06 min Scan# 1021
Delta R.T. 0.00 min
Lab File: VN054669.D
Acq: 25 Mar 2019 13:40

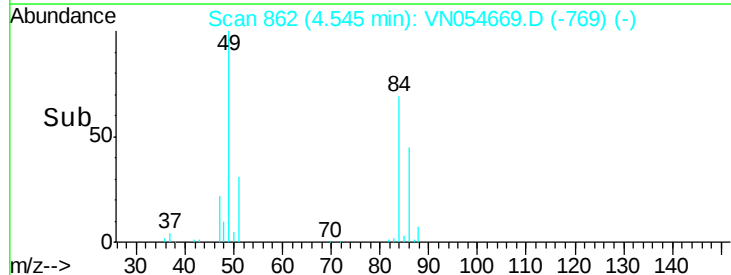
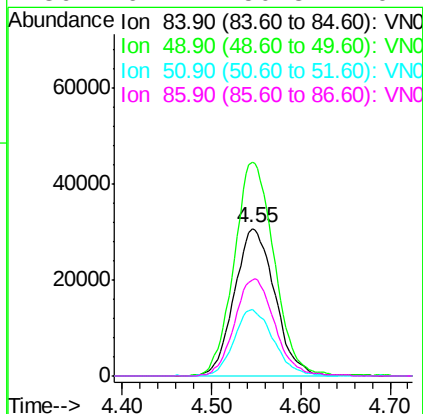
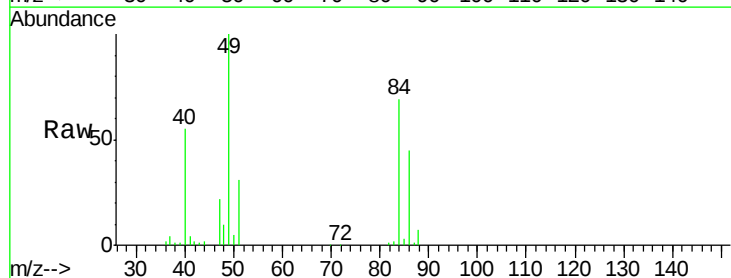
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01

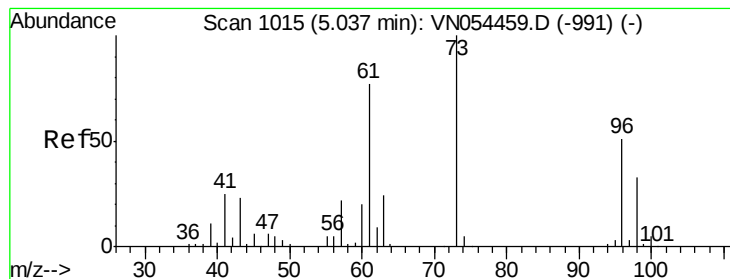
Tot Ion: 73 Resp: 256148
Ion Ratio Lower Upper
73 100
57 23.7 16.8 25.2



#20
Methylene Chloride
Concen: 21.137 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054669.D
Acq: 25 Mar 2019 13:40

Tgt Ion: 84 Resp: 97097
Ion Ratio Lower Upper
84 100
49 144.8 89.7 134.5#
51 44.8 28.2 42.4#
86 64.7 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 21.311 ug/l

RT: 5.04 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBSD01

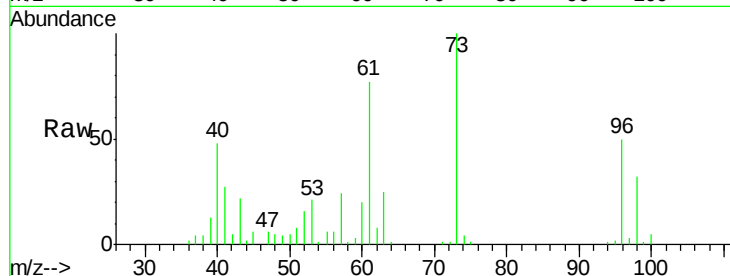
Tot Ion: 96 Resp: 87462

Ion Ratio Lower Upper

96 100

61 153.0 102.8 154.2

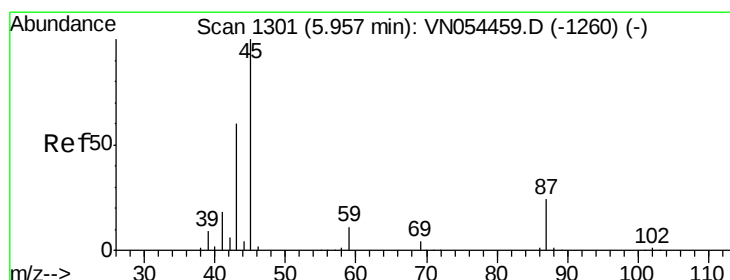
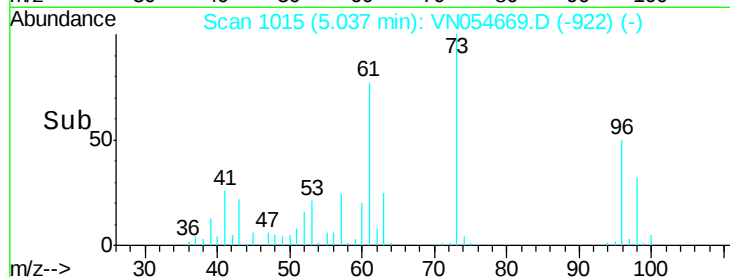
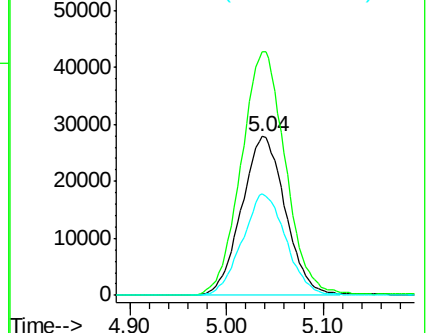
98 63.9 50.0 75.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 23.269 ug/l

RT: 5.96 min Scan# 1303

Delta R.T. 0.01 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

Tgt Ion: 45 Resp: 347379

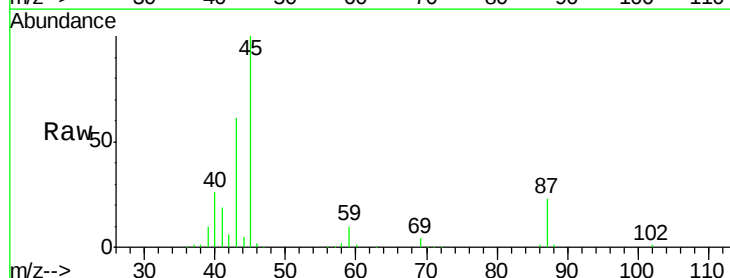
Ion Ratio Lower Upper

45 100

43 59.1 48.2 72.2

87 23.1 24.9 37.3#

59 10.3 9.5 14.3

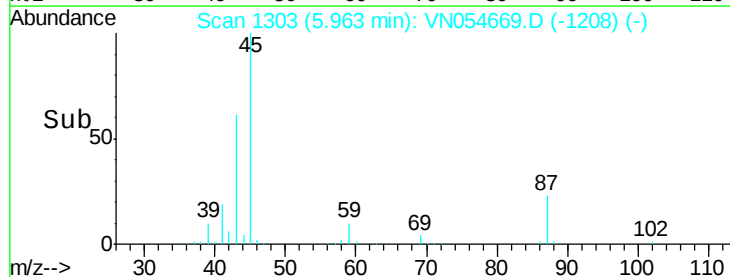
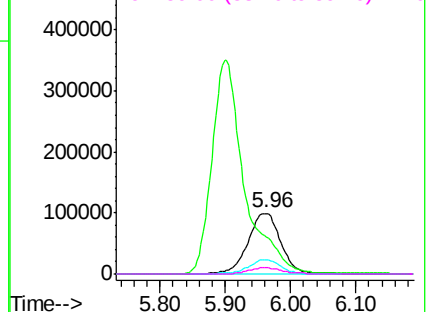


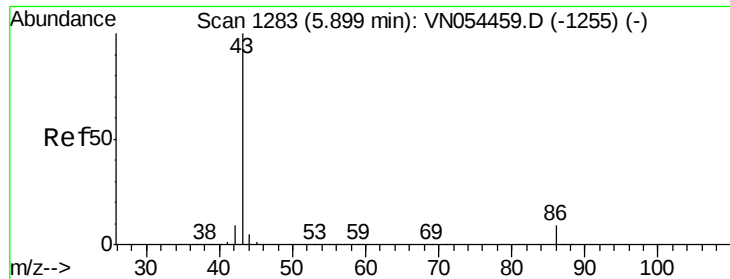
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 115.049 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

Instrument :

MSVOA_N

ClientSampleId :

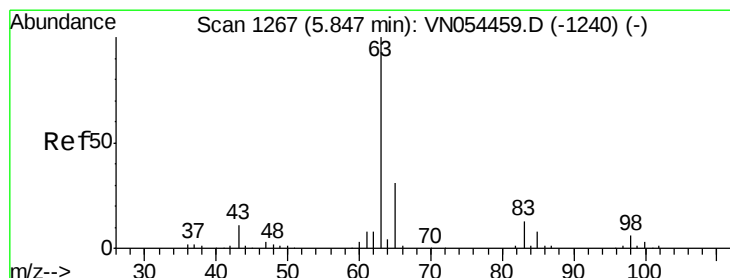
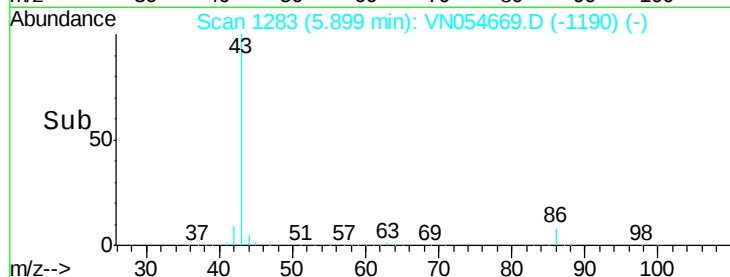
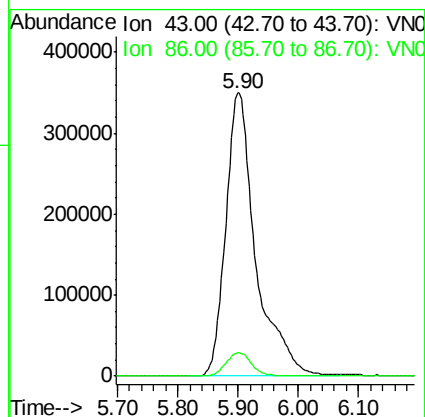
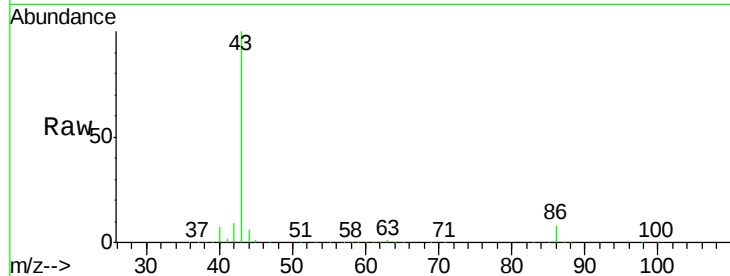
VN0325WBSD01

Tot Ion: 43 Resp: 1213050

Ion Ratio Lower Upper

43 100

86 8.1 9.1 13.7#



#24

1,1-Dichloroethane

Concen: 22.568 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

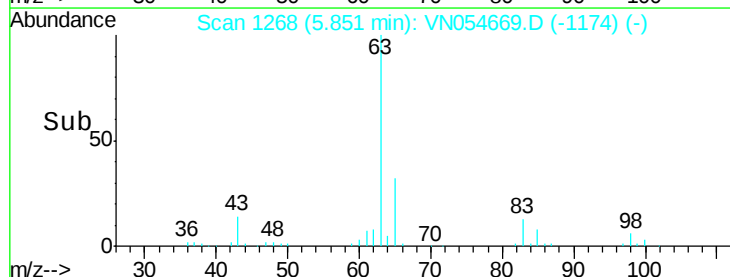
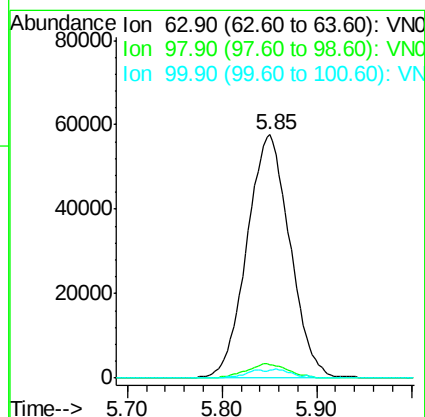
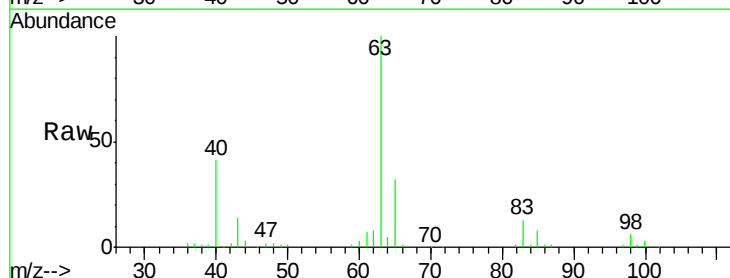
Tgt Ion: 63 Resp: 181408

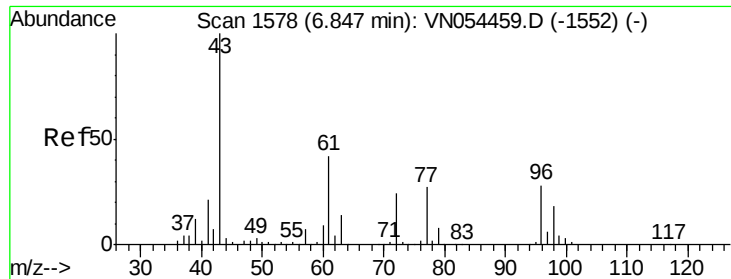
Ion Ratio Lower Upper

63 100

98 5.5 3.5 10.5

100 3.2 2.0 6.0





#25

2-Butanone

Concen: 111.183 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

Instrument :

MSVOA_N

ClientSampleId :

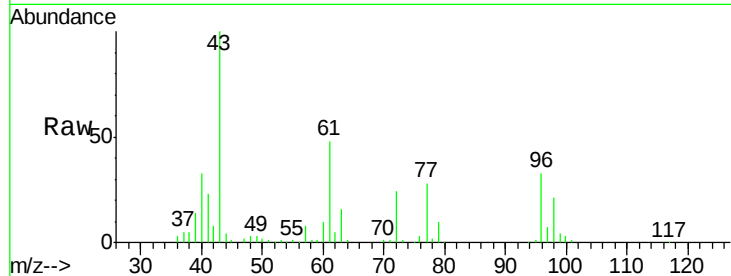
VN0325WBSD01

Tot Ion: 43 Resp: 221944

Ion Ratio Lower Upper

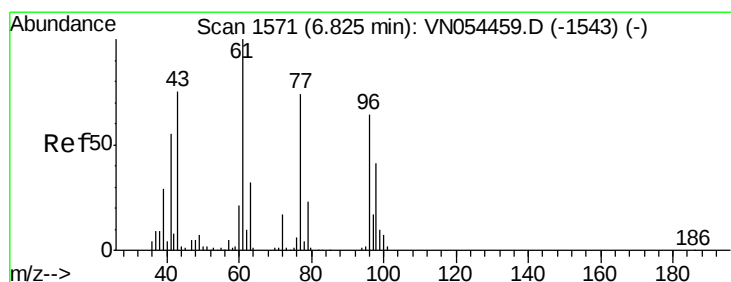
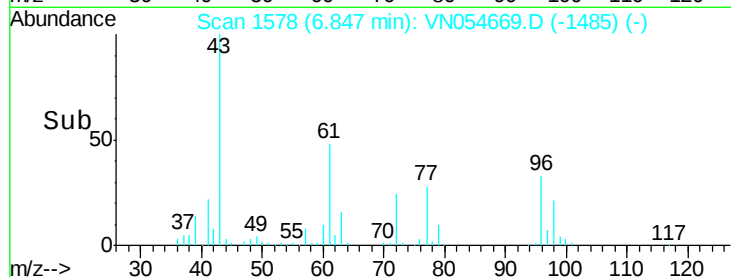
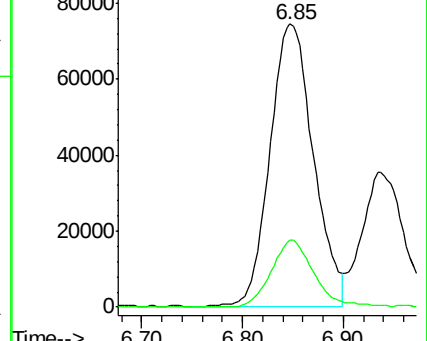
43 100

72 24.0 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 20.270 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN054669.D

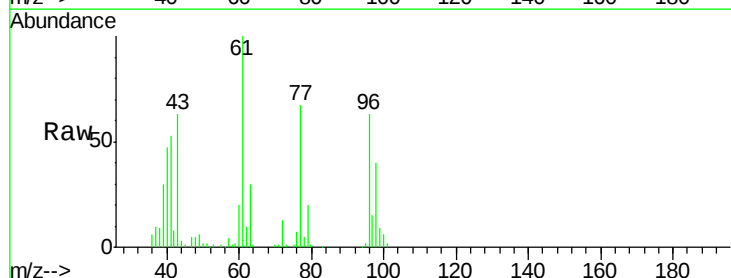
Acq: 25 Mar 2019 13:40

Tgt Ion: 77 Resp: 116145

Ion Ratio Lower Upper

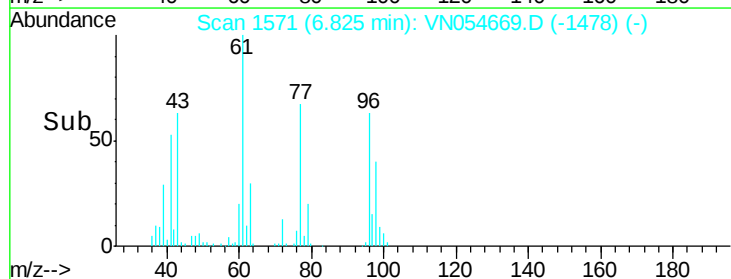
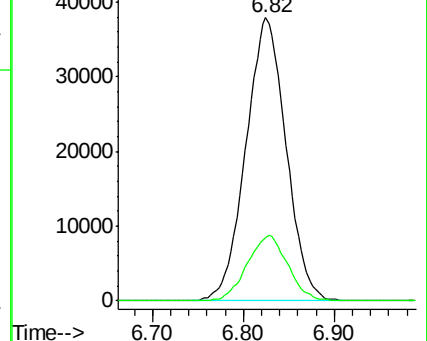
77 100

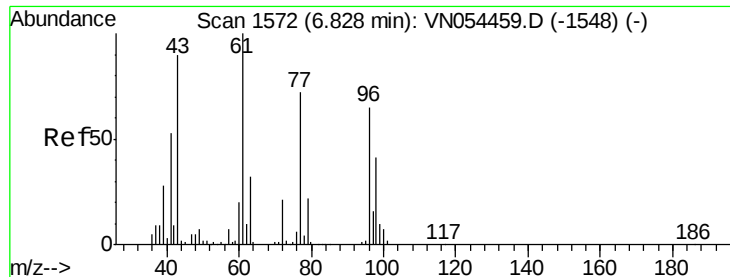
97 23.3 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 21.494 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBSD01

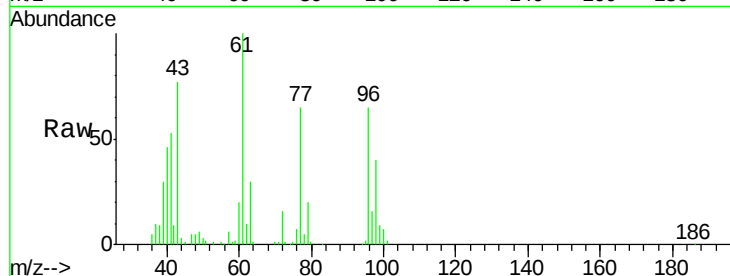
Tot Ion: 96 Resp: 105218

Ion Ratio Lower Upper

96 100

61 154.6 0.0 273.0

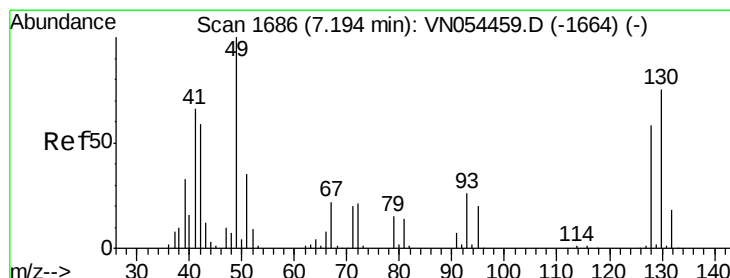
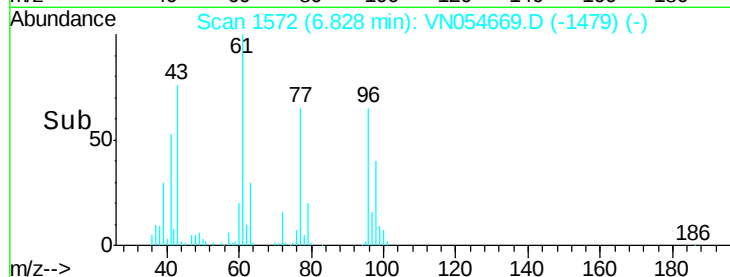
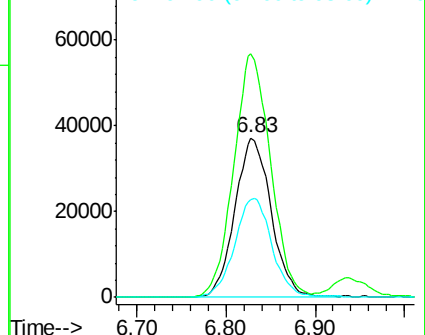
98 64.1 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 23.640 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

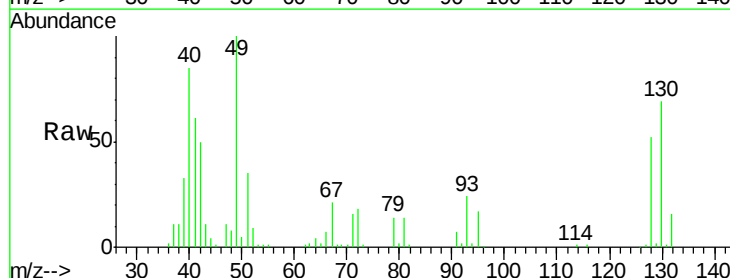
Tgt Ion: 49 Resp: 93531

Ion Ratio Lower Upper

49 100

129 0.7 0.0 4.6

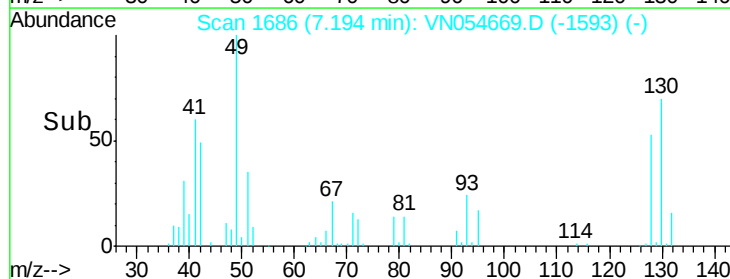
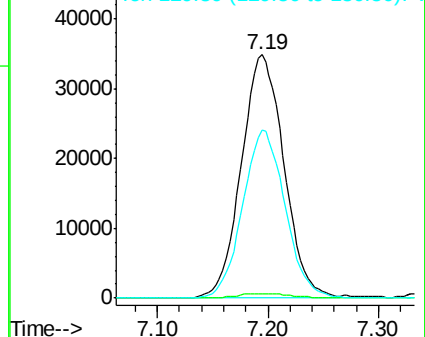
130 68.6 76.7 115.1#

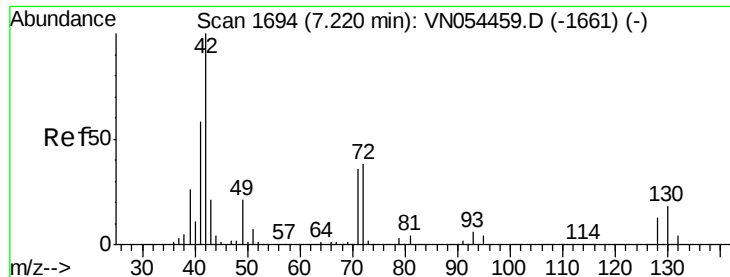


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 117.794 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

Instrument :

MSVOA_N

ClientSampled :

VN0325WBSD01

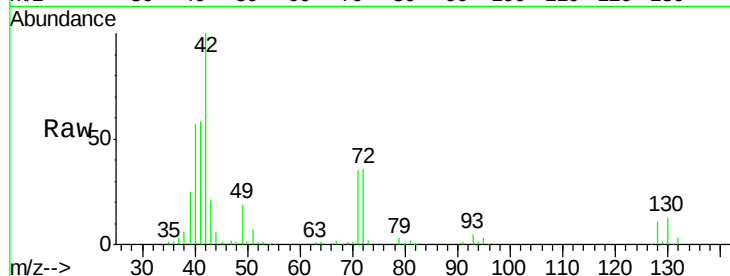
Tot Ion: 42 Resp: 152590

Ion Ratio Lower Upper

42 100

72 37.0 37.8 56.6#

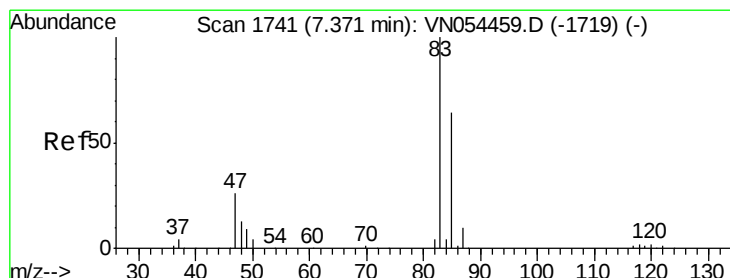
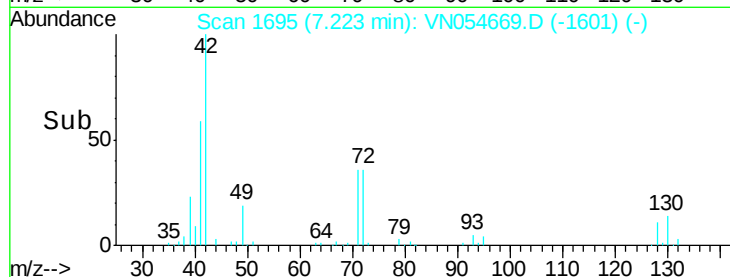
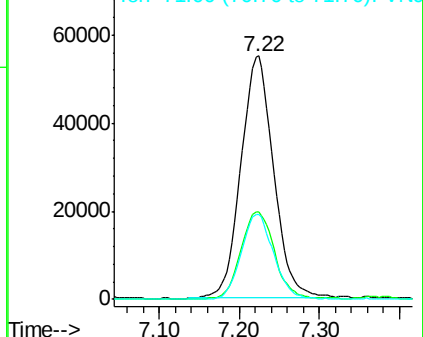
71 34.5 36.2 54.2#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 22.275 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN054669.D

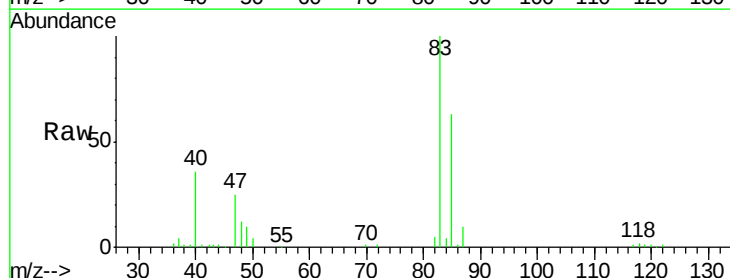
Acq: 25 Mar 2019 13:40

Tgt Ion: 83 Resp: 174736

Ion Ratio Lower Upper

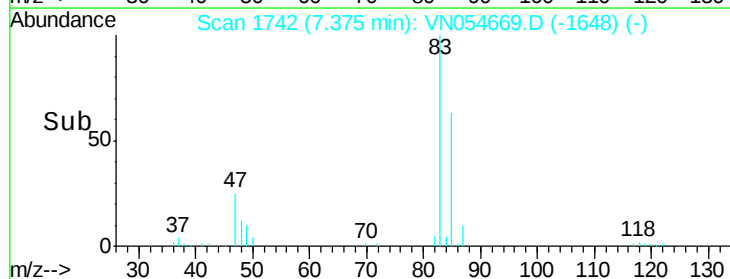
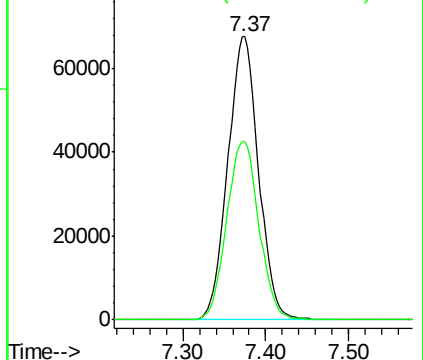
83 100

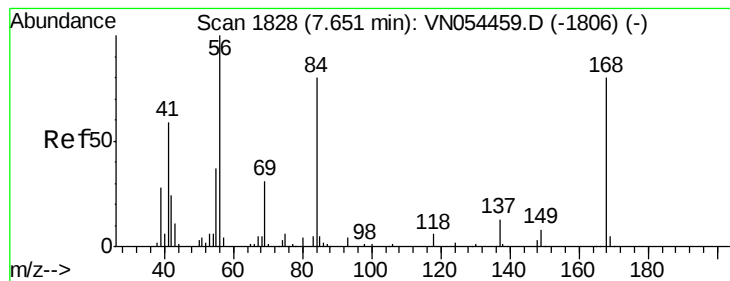
85 62.9 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 20.957 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBSD01

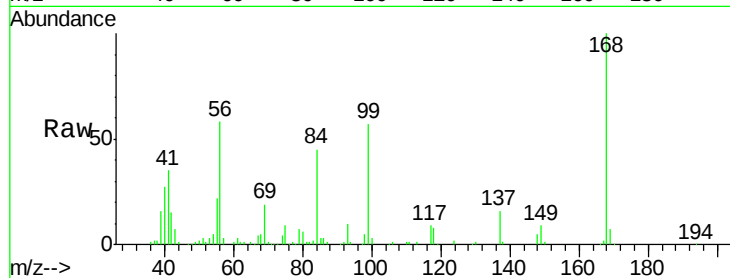
Tot Ion: 56 Resp: 169728

Ion Ratio Lower Upper

56 100

69 33.1 27.8 41.6

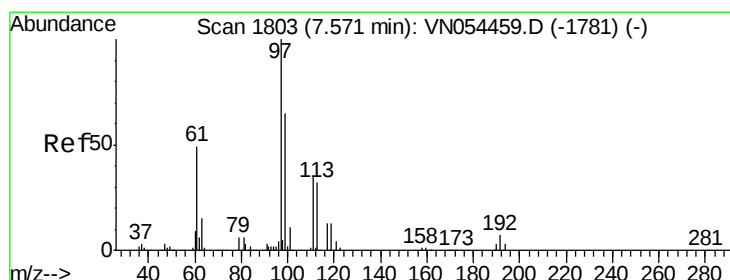
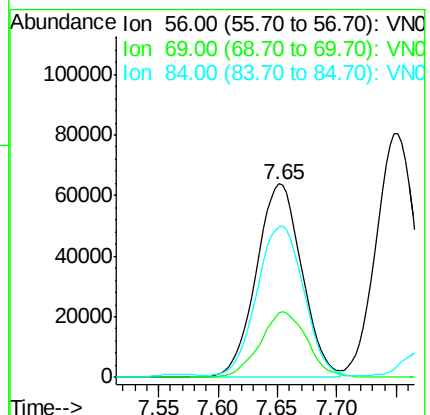
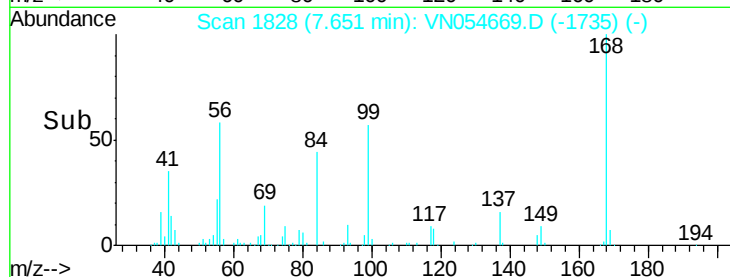
84 76.3 74.6 111.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 21.990 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

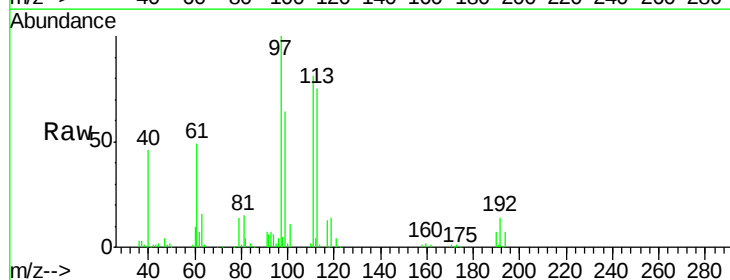
Tgt Ion: 97 Resp: 142317

Ion Ratio Lower Upper

97 100

99 64.5 51.5 77.3

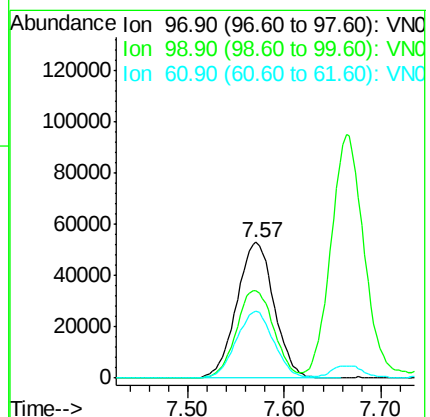
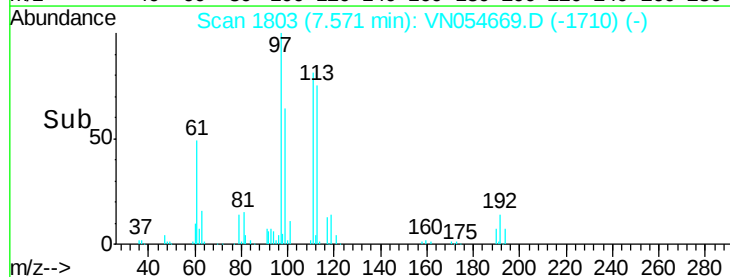
61 49.2 33.6 50.4

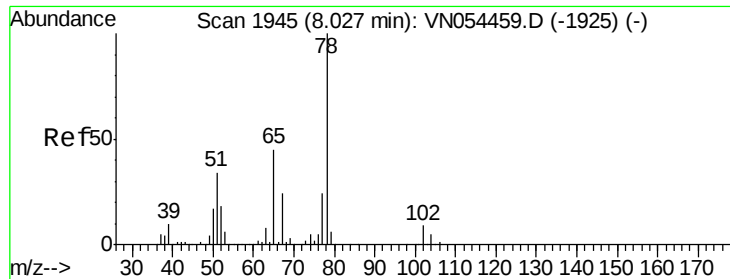


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 56.292 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

Instrument :

MSVOA_N

ClientSampleId :

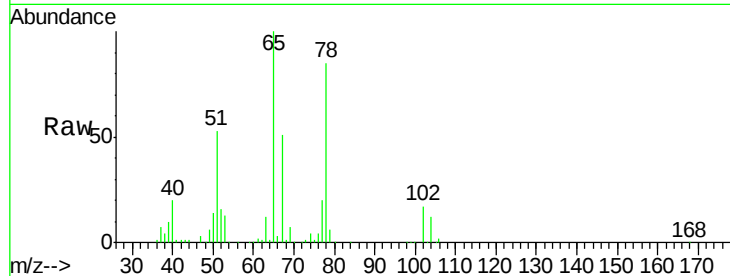
VN0325WBSD01

Tot Ion: 65 Resp: 291772

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN054669.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN054669.D (-1852) (-)

8.03

150000

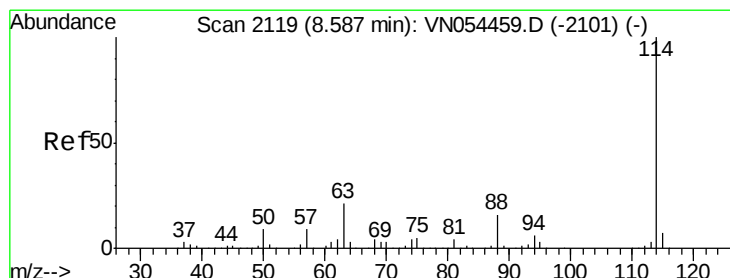
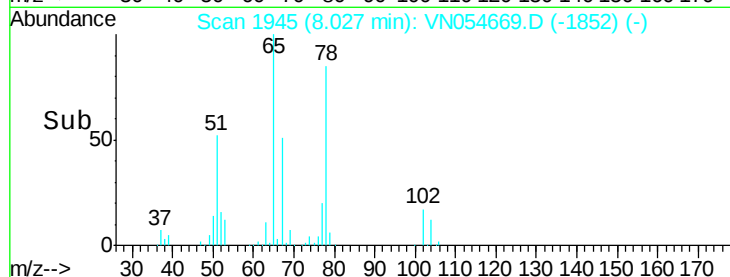
100000

50000

0

7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

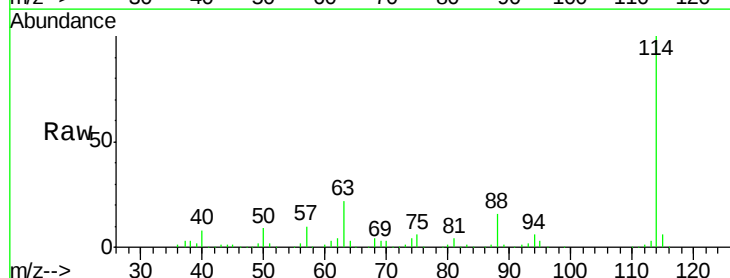
Tgt Ion: 114 Resp: 695913

Ion Ratio Lower Upper

114 100

63 22.1 0.0 35.2

88 15.9 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): VN054669.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN054669.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN054669.D (-2026) (-)

8.59

400000

300000

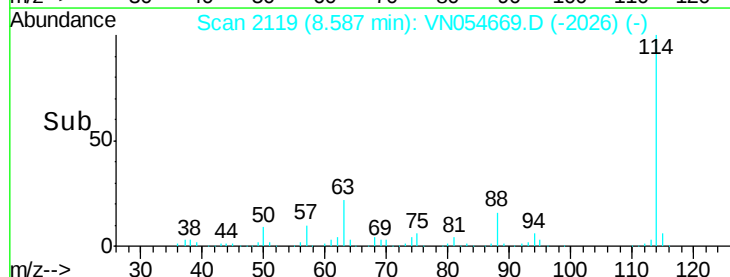
200000

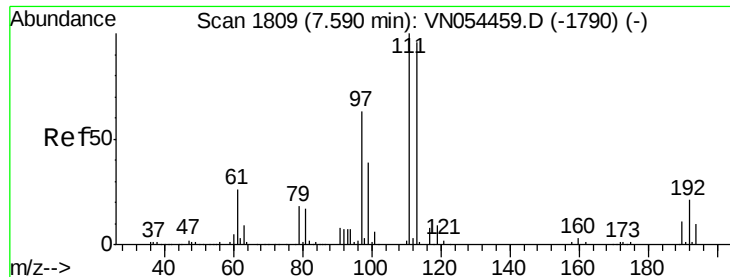
100000

0

8.50 8.60 8.70

Time-->





#35

Dibromofluoromethane

Concen: 51.052 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBSD01

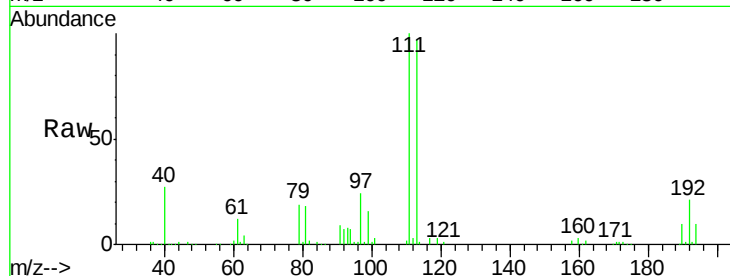
Tot Ion:113 Resp: 228888

Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.4

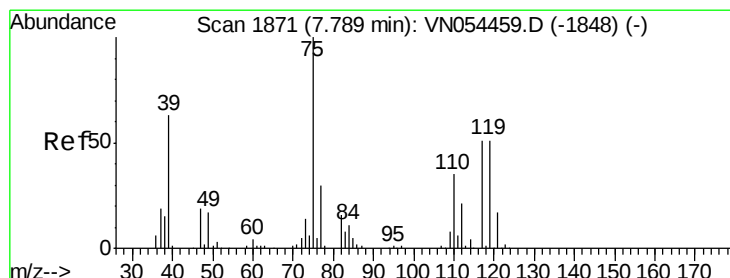
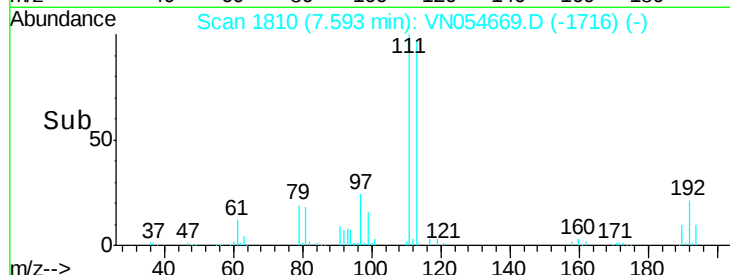
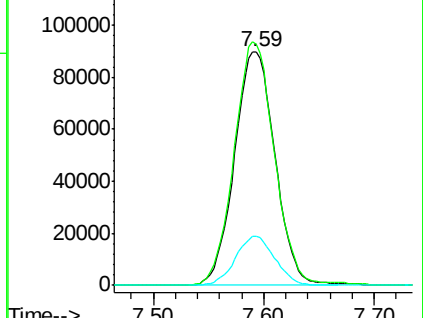
192 20.3 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.472 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

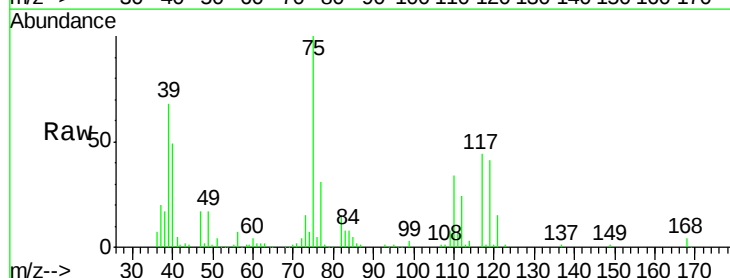
Tgt Ion: 75 Resp: 126698

Ion Ratio Lower Upper

75 100

110 34.6 19.1 57.5

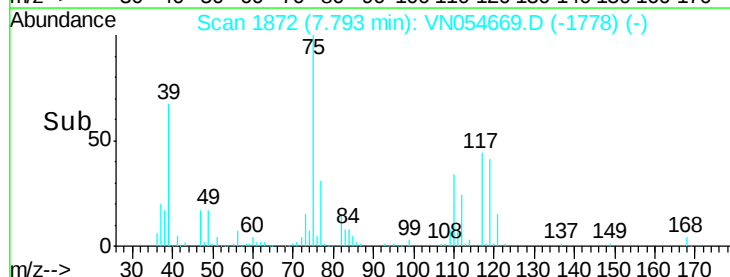
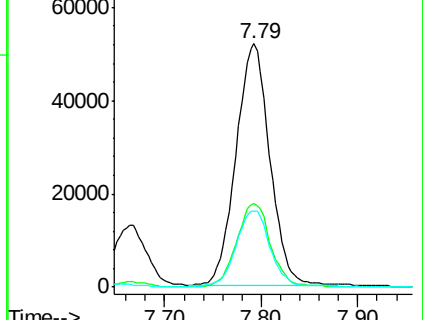
77 30.6 25.0 37.4

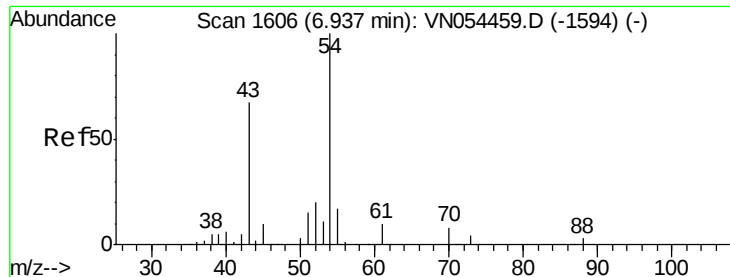


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

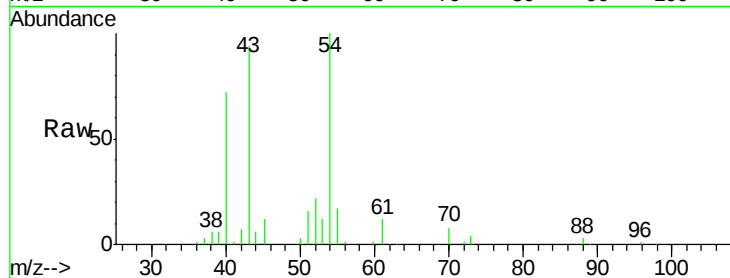




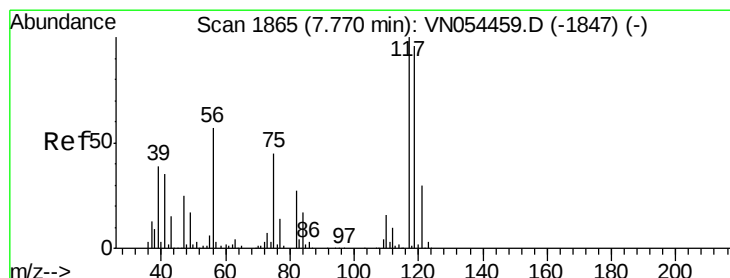
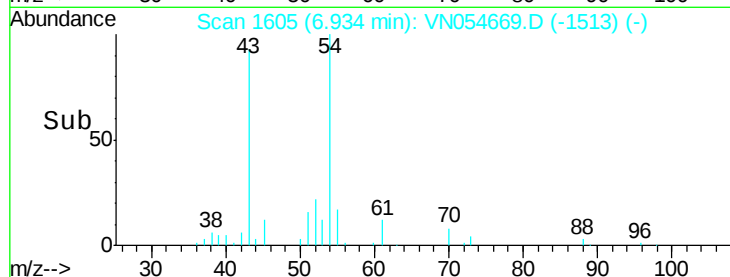
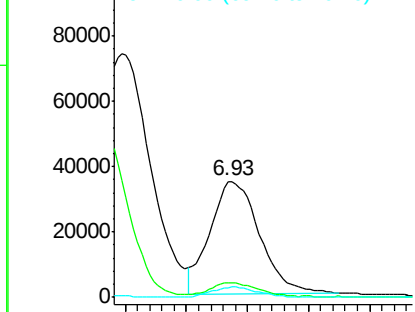
#37
Ethyl Acetate
Concen: 21.225 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VN054669.D
Acq: 25 Mar 2019 13:40

Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01

Tot Ion: 43 Resp: 98227
Ion Ratio Lower Upper
43 100
61 11.5 11.8 17.6#
70 8.3 8.4 12.6#

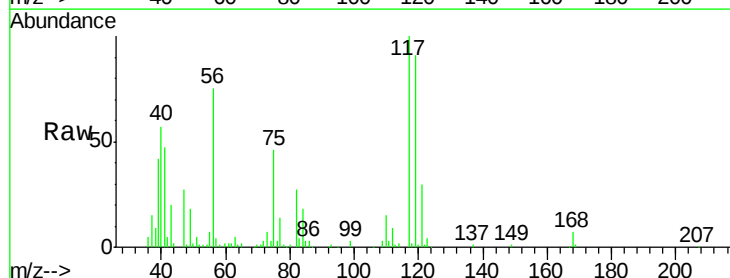


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

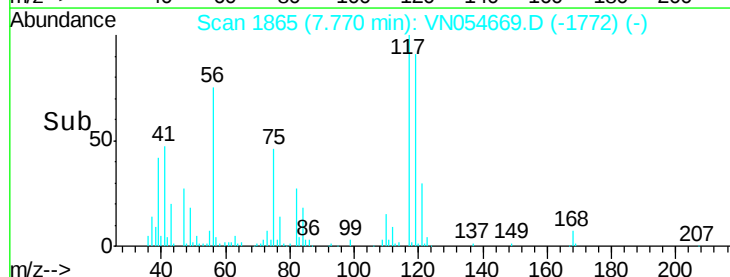
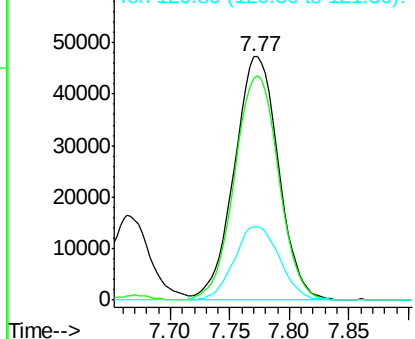


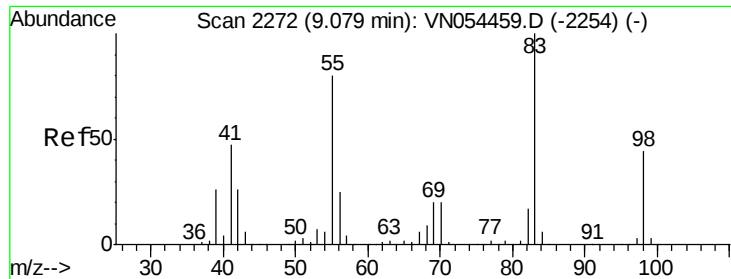
#38
Carbon Tetrachloride
Concen: 19.267 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN054669.D
Acq: 25 Mar 2019 13:40

Tgt Ion: 117 Resp: 121829
Ion Ratio Lower Upper
117 100
119 91.1 76.3 114.5
121 30.3 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

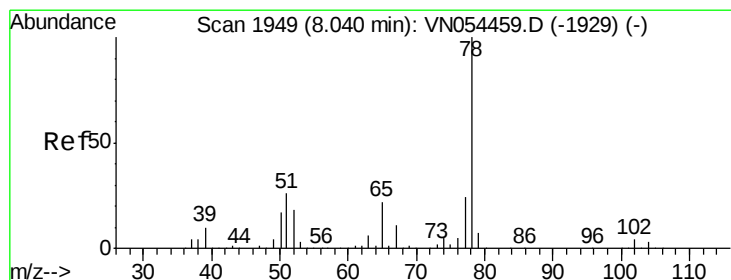
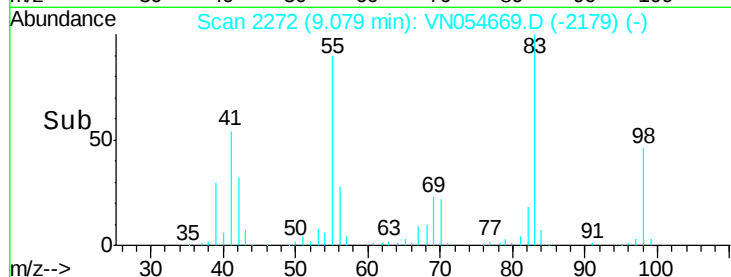
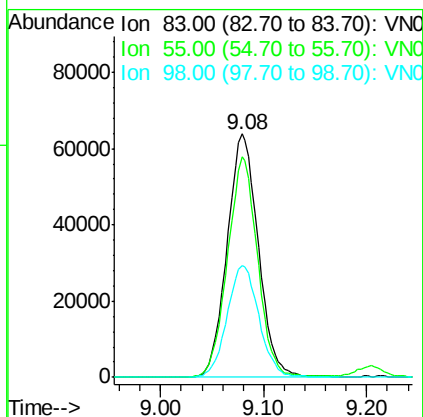
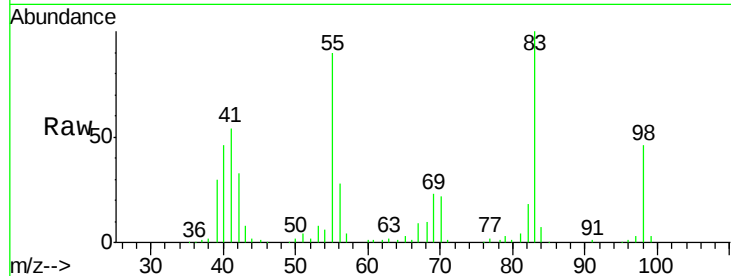




#39
Methvlcvclohexane
Concen: 18.122 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN054669.D
Acq: 25 Mar 2019 13:40

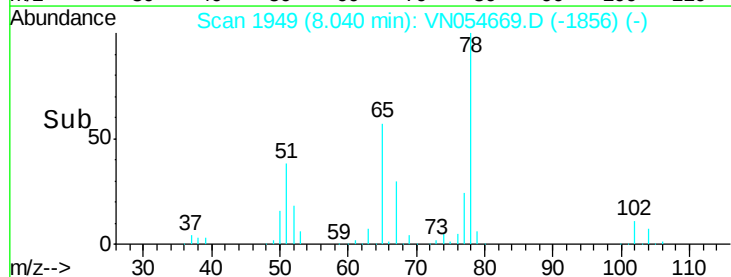
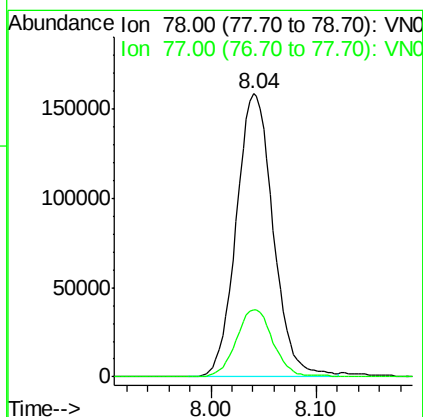
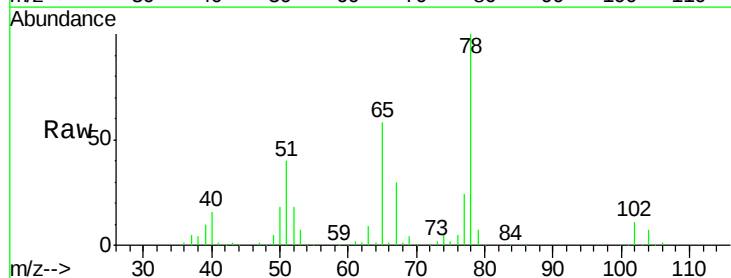
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01

Tot Ion: 83 Resp: 134887
Ion Ratio Lower Upper
83 100
55 90.0 56.6 84.8#
98 45.9 38.4 57.6



#40
Benzene
Concen: 20.739 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN054669.D
Acq: 25 Mar 2019 13:40

Tgt Ion: 78 Resp: 385881
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7

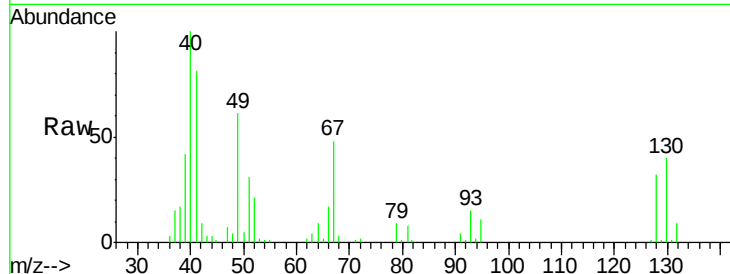




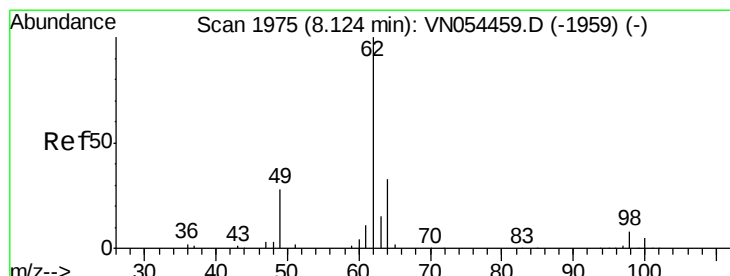
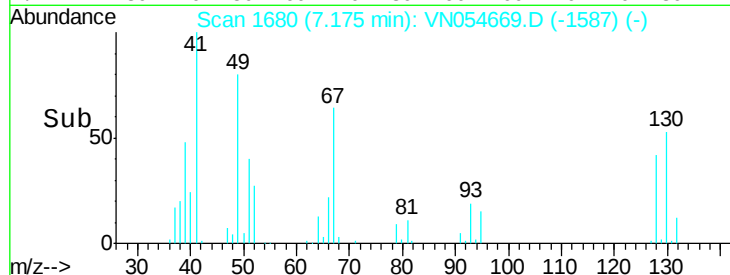
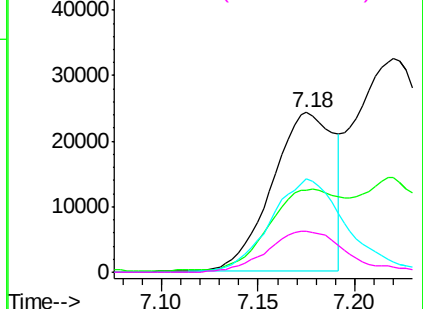
#41
Methacrylonitrile
Concen: 19.072 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN054669.D
Acq: 25 Mar 2019 13:40

Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01

Tot Ion: 41 Resp: 53829
Ion Ratio Lower Upper
41 100
39 57.3 46.8 70.2
67 73.0 67.0 100.4
52 33.2 26.5 39.7

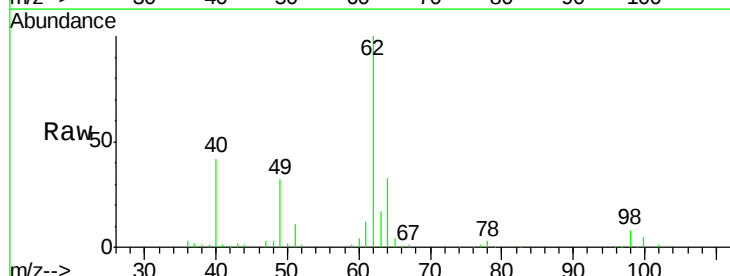


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

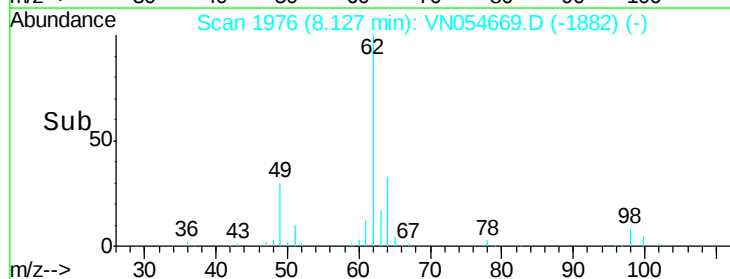
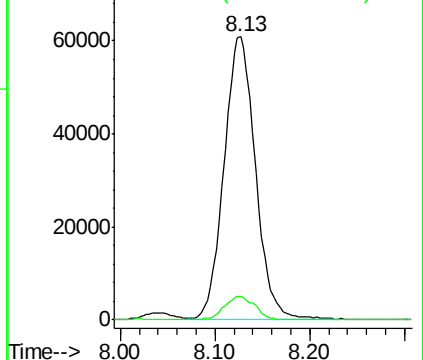


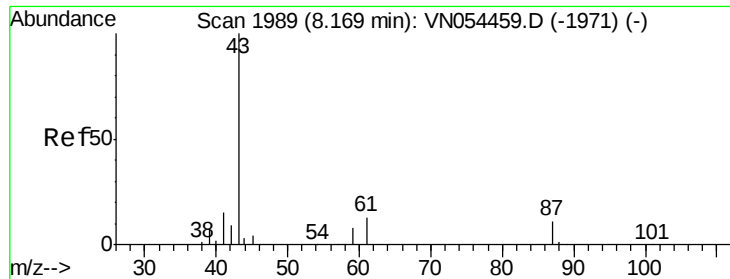
#42
1,2-Dichloroethane
Concen: 20.650 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN054669.D
Acq: 25 Mar 2019 13:40

Tgt Ion: 62 Resp: 139930
Ion Ratio Lower Upper
62 100
98 8.3 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 21.355 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBSD01

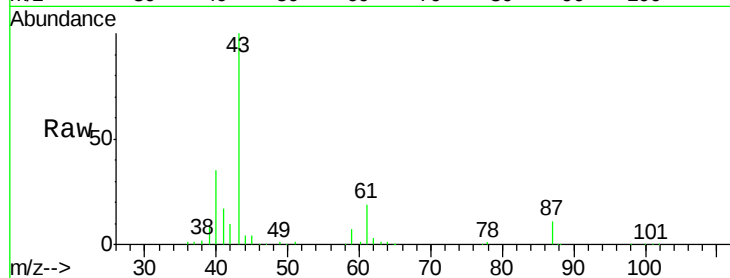
Tot Ion: 43 Resp: 166908

Ion Ratio Lower Upper

43 100

61 17.1 15.8 23.8

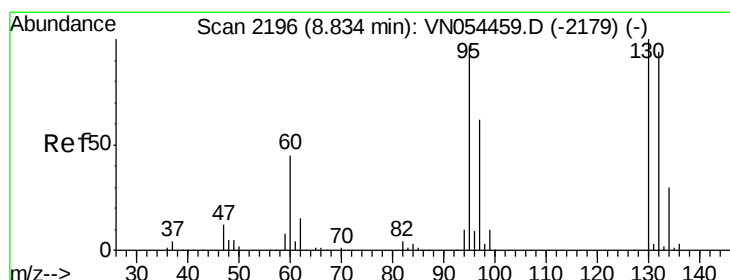
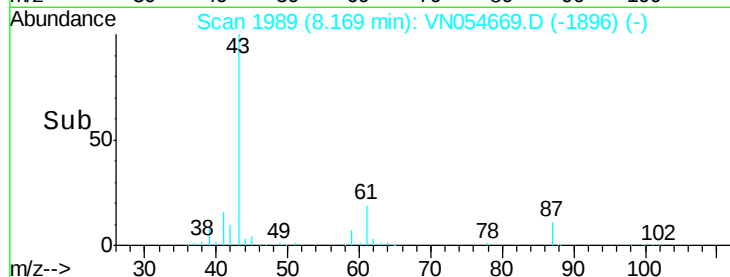
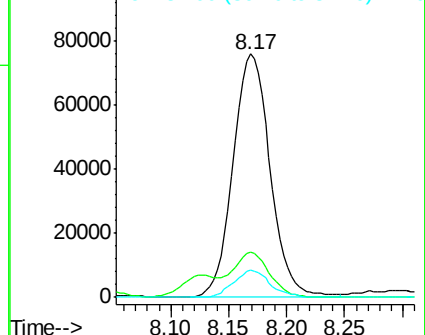
87 11.0 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 19.505 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN054669.D

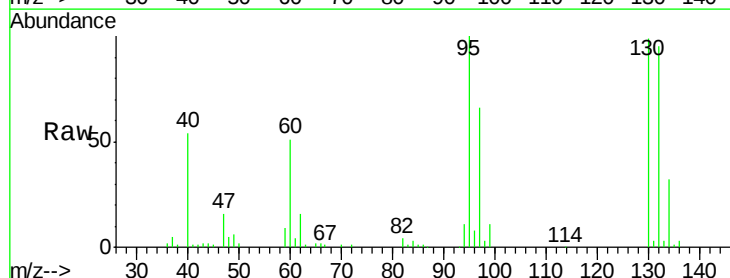
Acq: 25 Mar 2019 13:40

Tgt Ion:130 Resp: 100901

Ion Ratio Lower Upper

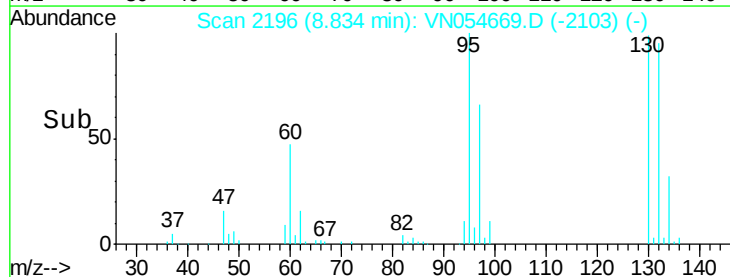
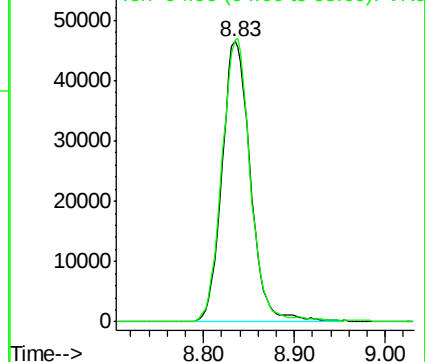
130 100

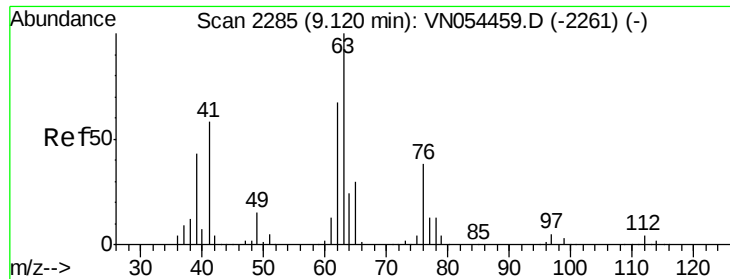
95 100.7 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

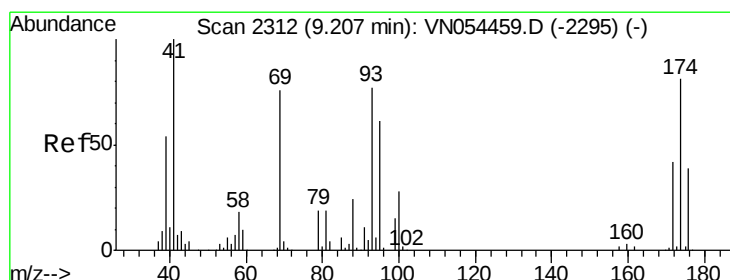
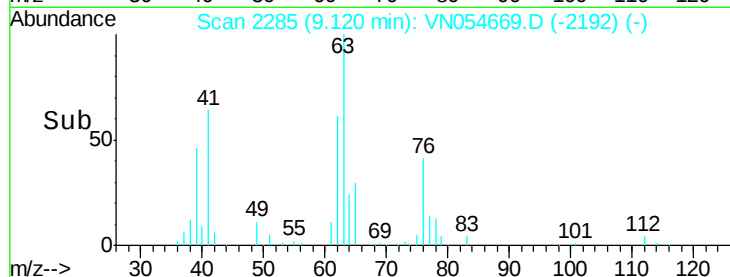
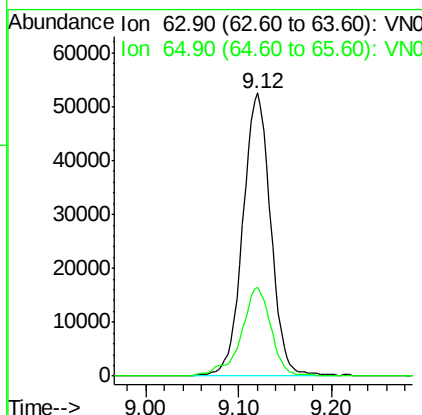
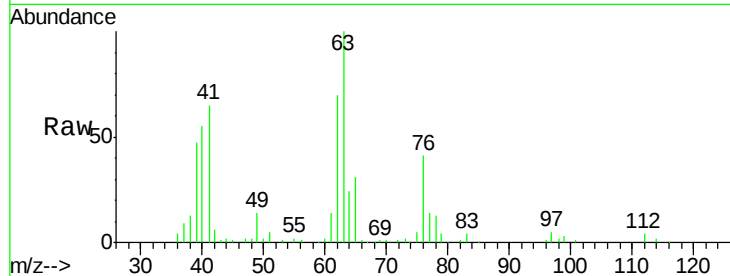




#45
 1,2-Dichloropropane
 Concen: 22.011 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN054669.D
 Acq: 25 Mar 2019 13:40

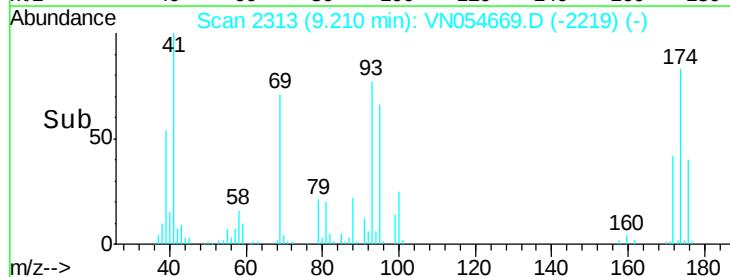
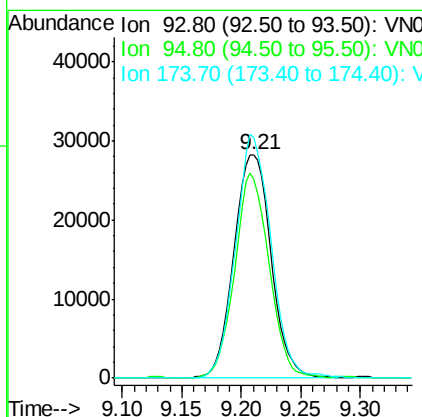
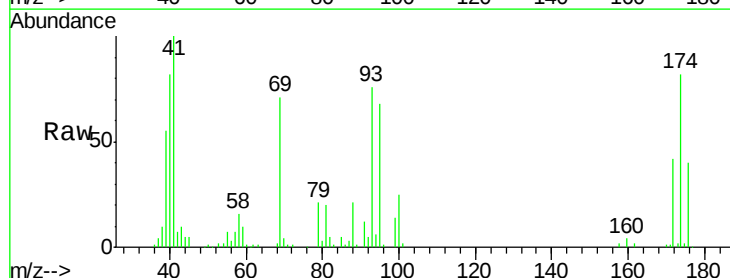
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBSD01

Tot Ion: 63 Resp: 109973
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.6



#46
 Dibromomethane
 Concen: 20.610 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN054669.D
 Acq: 25 Mar 2019 13:40

Tgt Ion: 93 Resp: 61431
 Ion Ratio Lower Upper
 93 100
 95 84.8 66.7 100.1
 174 103.7 98.5 147.7





#47

Bromodichloromethane

Concen: 20.407 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBSD01

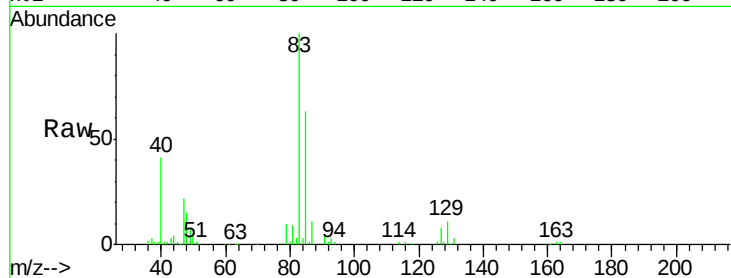
Tot Ion: 83 Resp: 126235

Ion Ratio Lower Upper

83 100

85 63.1 52.8 79.2

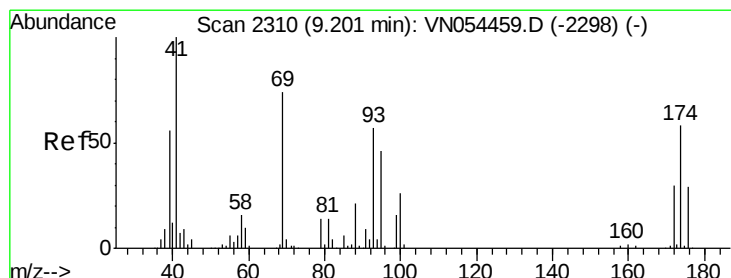
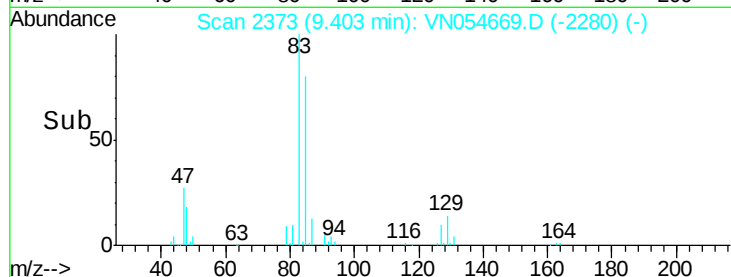
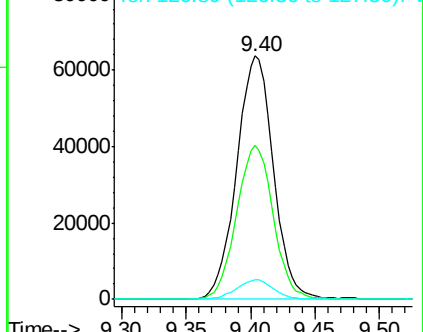
127 8.1 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.615 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

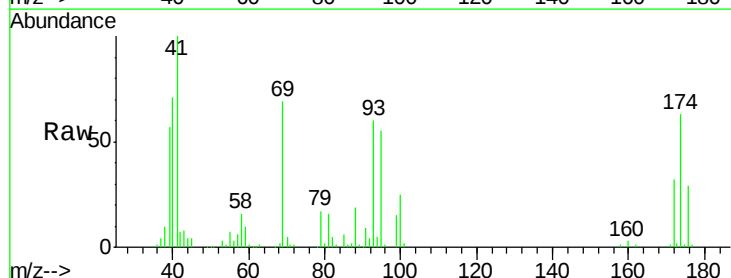
Tgt Ion: 41 Resp: 87451

Ion Ratio Lower Upper

41 100

69 70.7 72.6 108.8#

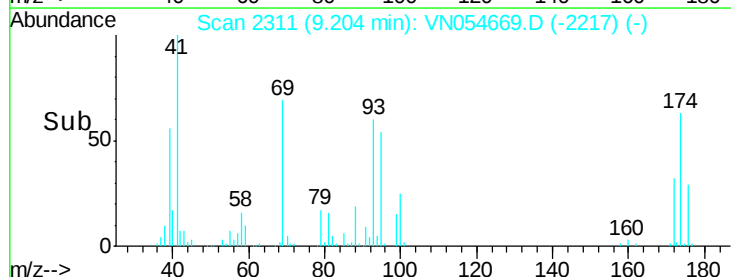
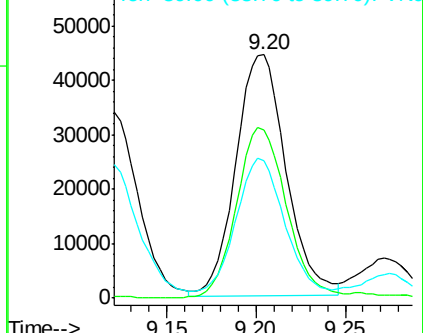
39 56.6 47.5 71.3

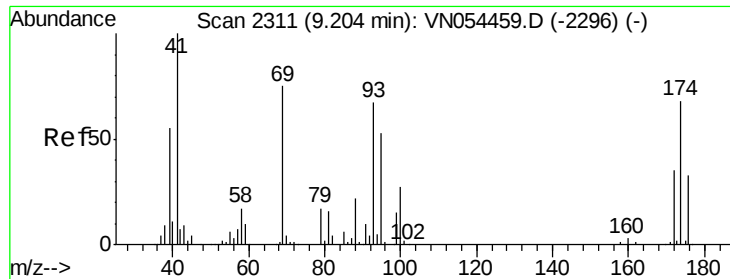


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 383.618 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBSD01

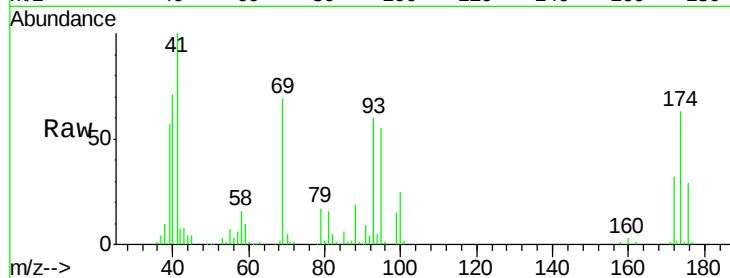
Tot Ion: 88 Resp: 18193

Ion Ratio Lower Upper

88 100

43 42.0 24.1 36.1#

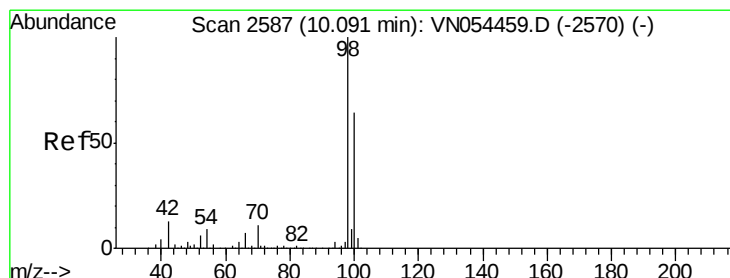
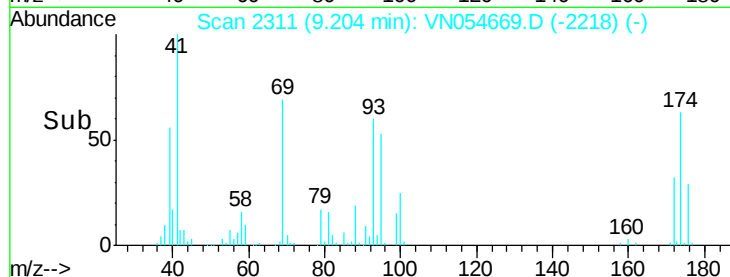
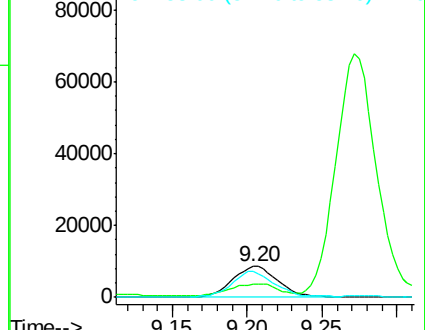
58 79.4 50.8 76.2#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.039 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054669.D

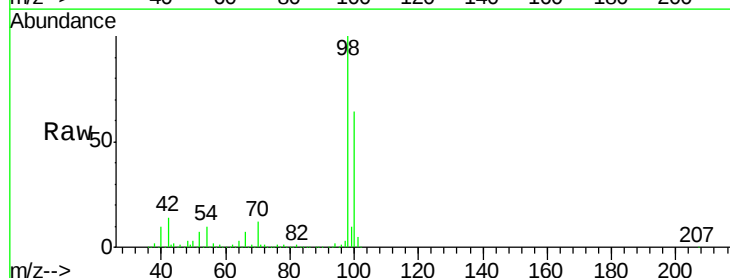
Acq: 25 Mar 2019 13:40

Tgt Ion: 98 Resp: 843400

Ion Ratio Lower Upper

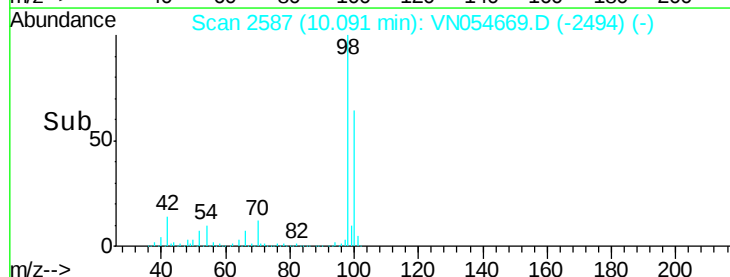
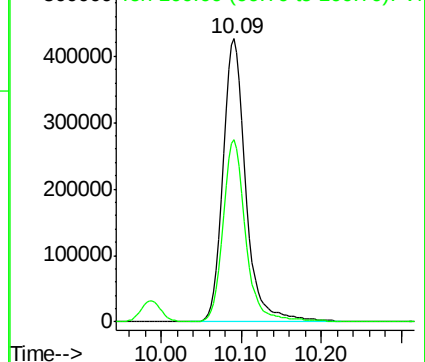
98 100

100 63.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 109.592 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

Instrument :

MSVOA_N

ClientSampleId :

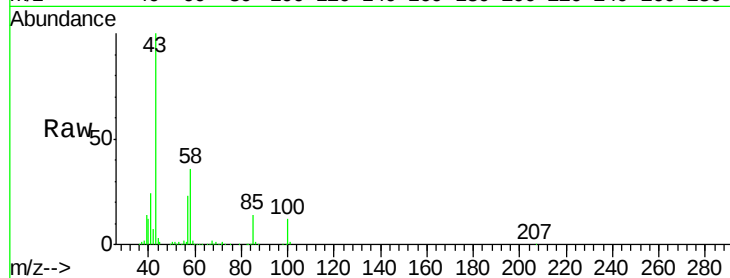
VN0325WBSD01

Tot Ion: 43 Resp: 474704

Ion Ratio Lower Upper

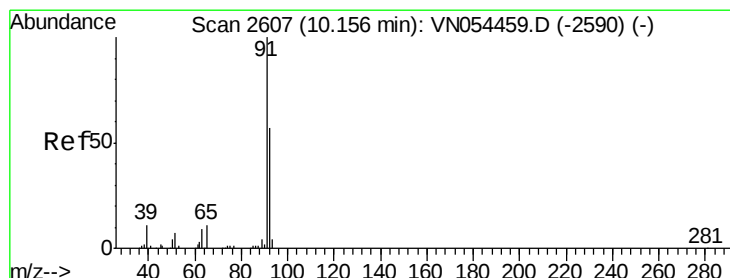
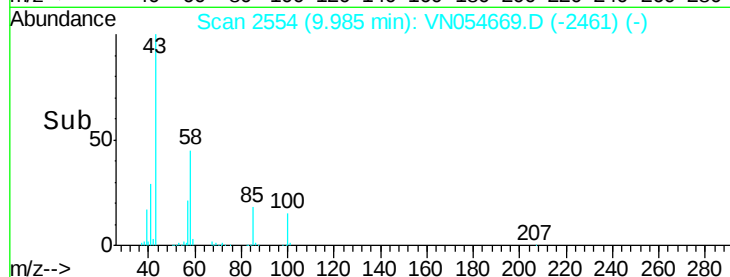
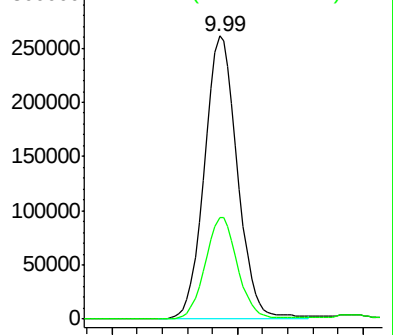
43 100

58 35.3 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 20.356 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054669.D

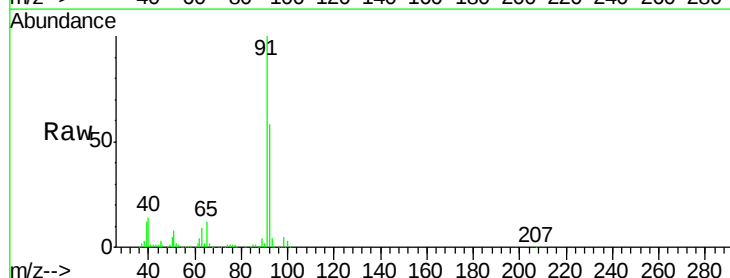
Acq: 25 Mar 2019 13:40

Tgt Ion: 92 Resp: 232958

Ion Ratio Lower Upper

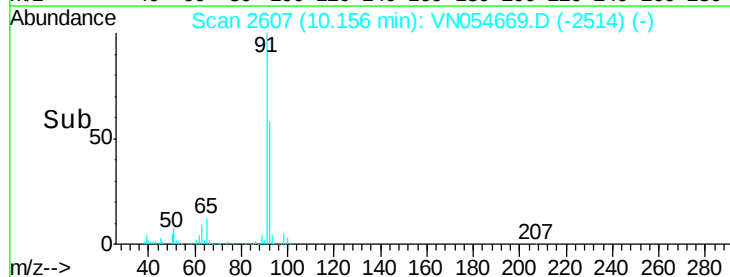
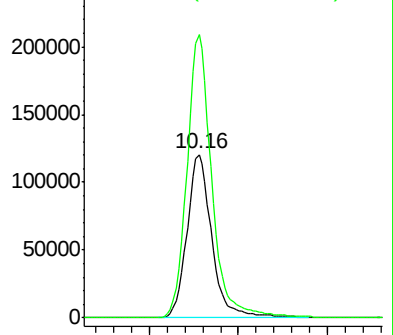
92 100

91 172.6 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 18.811 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

Instrument :

MSVOA_N

ClientSampled :

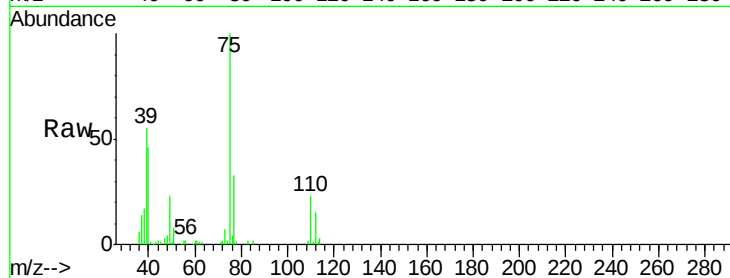
VN0325WBSD01

Tot Ion: 75 Resp: 113239

Ion Ratio Lower Upper

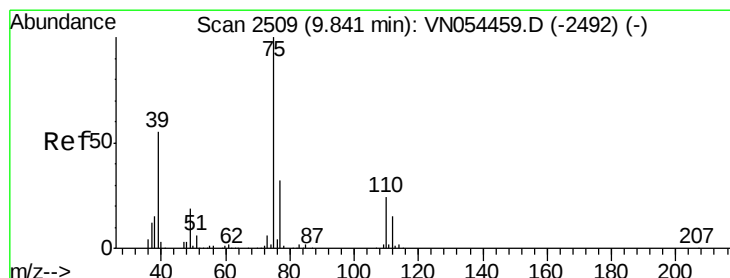
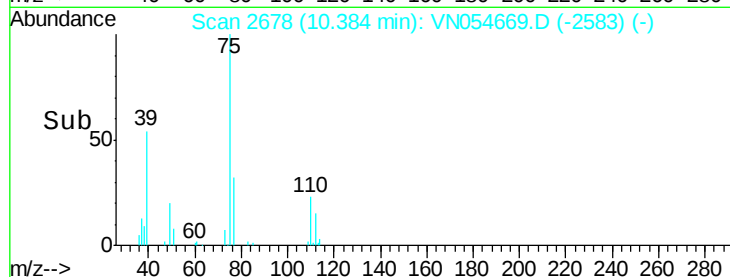
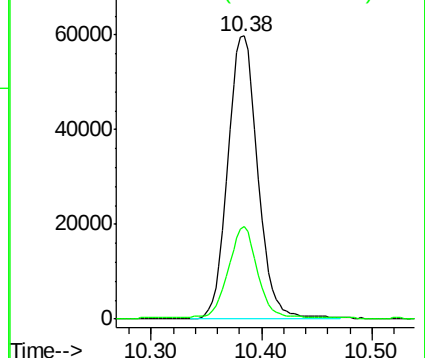
75 100

77 32.1 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.950 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

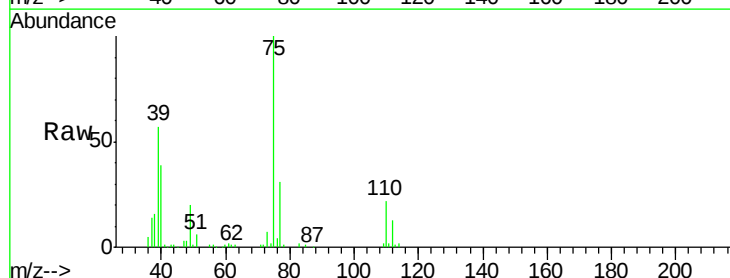
Tgt Ion: 75 Resp: 141501

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.0

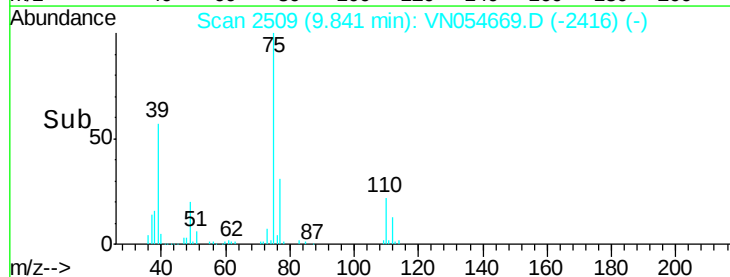
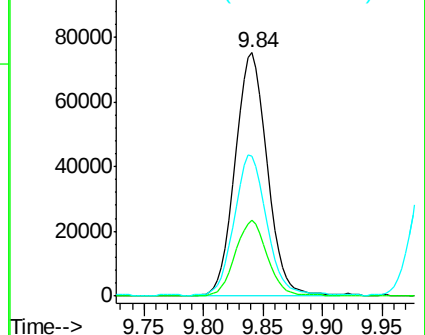
39 57.0 37.2 55.8#

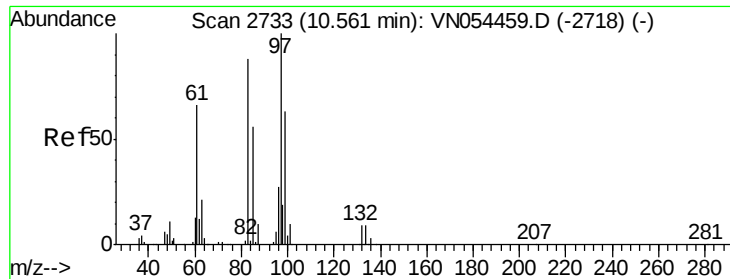


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 21.149 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

Instrument :

MSVOA_N

ClientSampled :

VN0325WBSD01

Tot Ion: 97 Resp: 86999

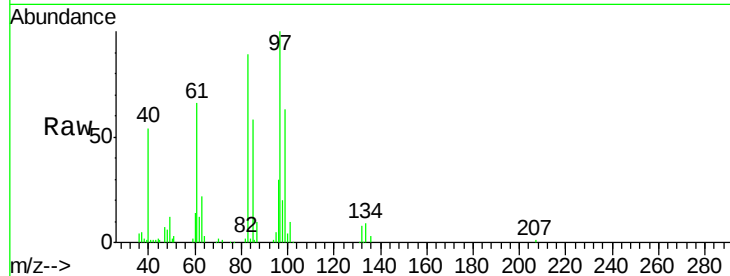
Ion Ratio Lower Upper

97 100

83 89.1 66.6 100.0

85 58.4 44.4 66.6

99 62.5 50.8 76.2

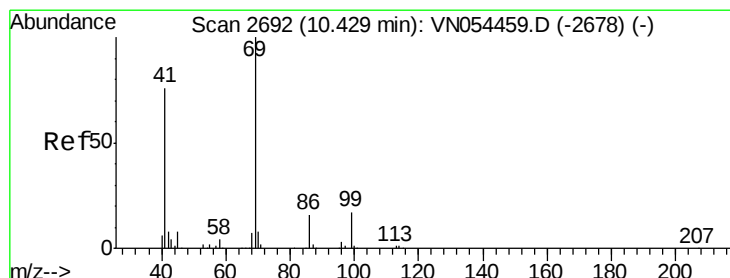
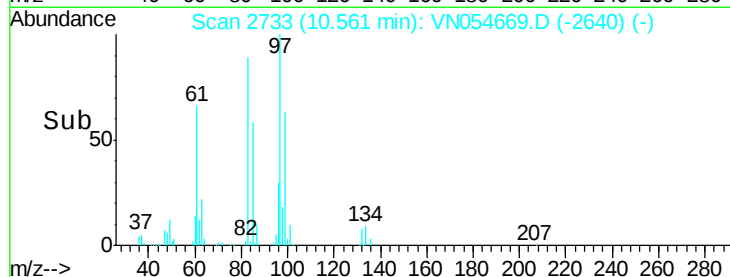
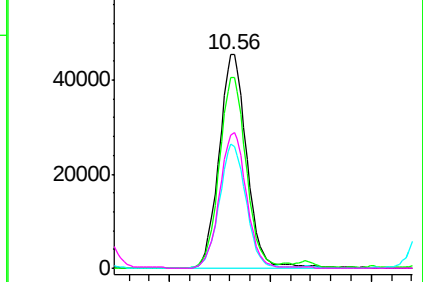


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 20.658 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

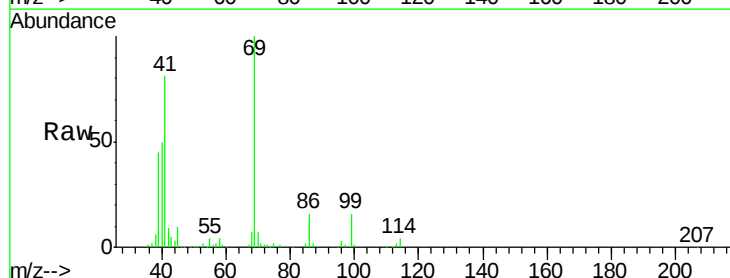
Tgt Ion: 69 Resp: 114063

Ion Ratio Lower Upper

69 100

41 75.7 49.4 74.2#

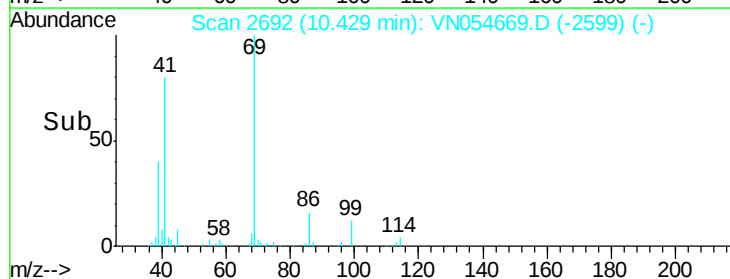
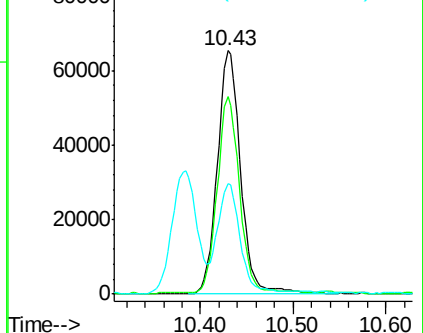
39 42.7 28.3 42.5#

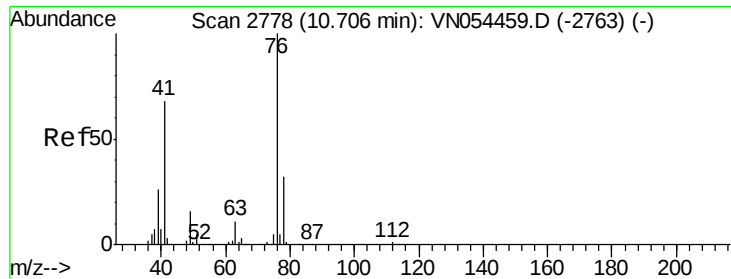


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 21.324 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

Instrument :

MSVOA_N

ClientSampleId :

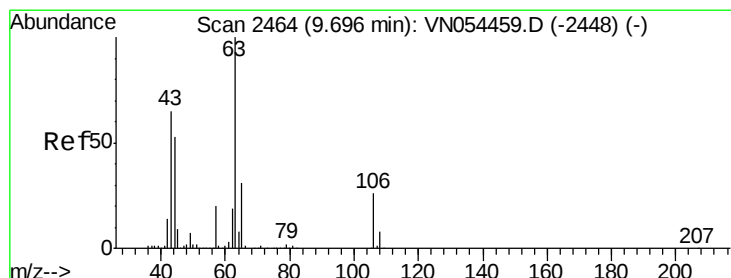
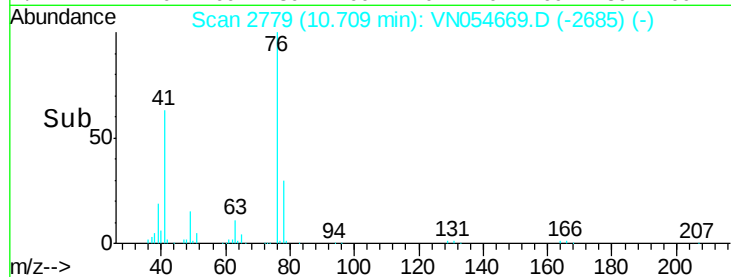
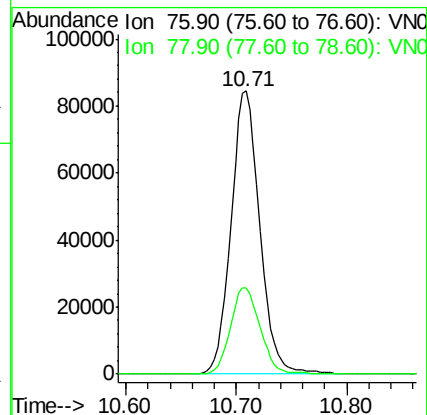
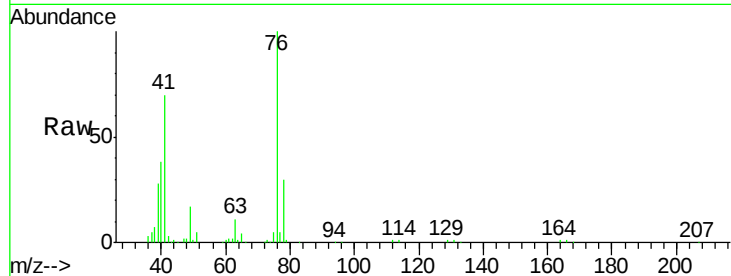
VN0325WBSD01

Tot Ion: 76 Resp: 152482

Ion Ratio Lower Upper

76 100

78 31.6 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 84.389 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN054669.D

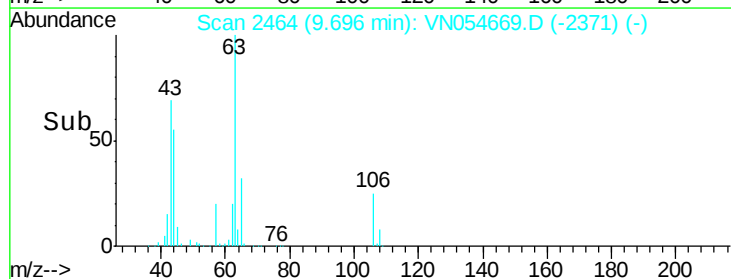
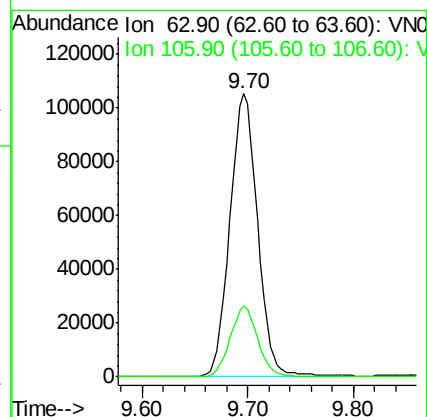
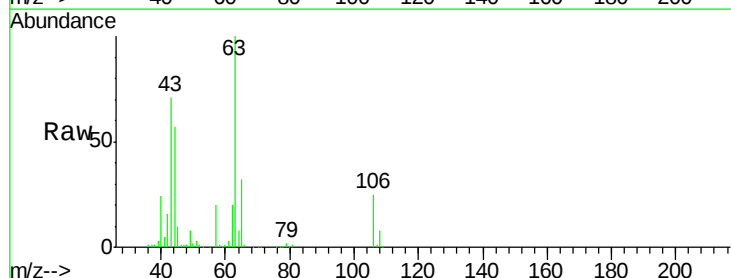
Acq: 25 Mar 2019 13:40

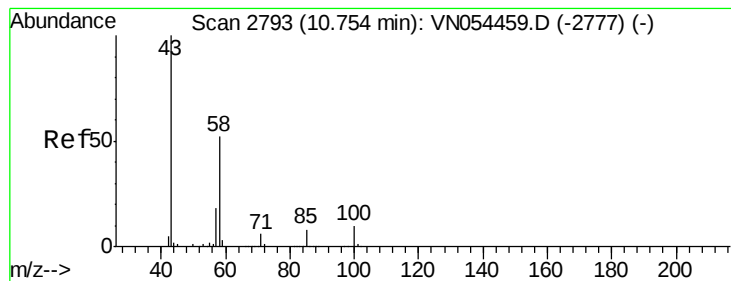
Tgt Ion: 63 Resp: 191866

Ion Ratio Lower Upper

63 100

106 24.8 24.4 36.6





#59

2-Hexanone

Concen: 105.119 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

Instrument :

MSVOA_N

ClientSampled :

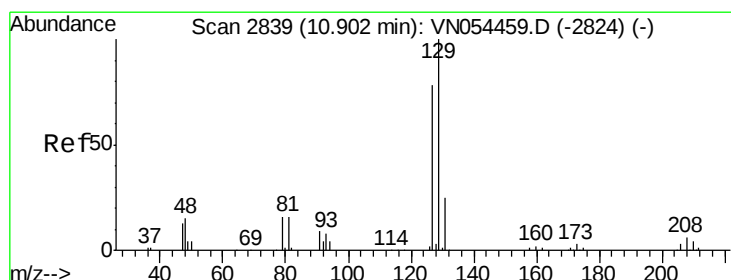
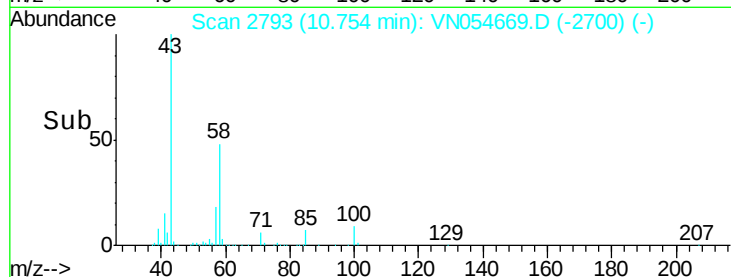
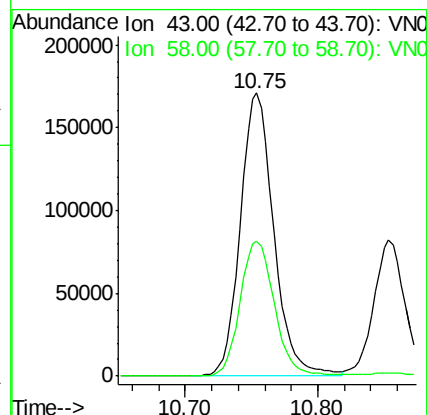
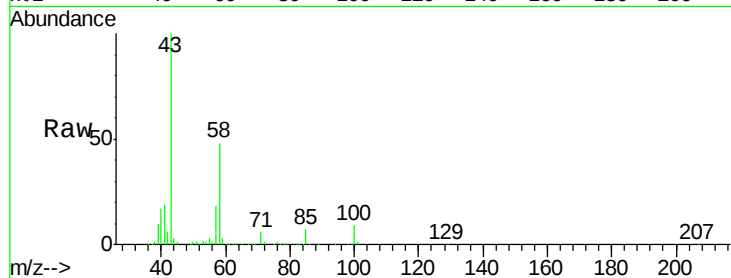
VN0325WBSD01

Tot Ion: 43 Resp: 297417

Ion Ratio Lower Upper

43 100

58 49.6 28.0 83.9



#60

Dibromochloromethane

Concen: 19.673 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN054669.D

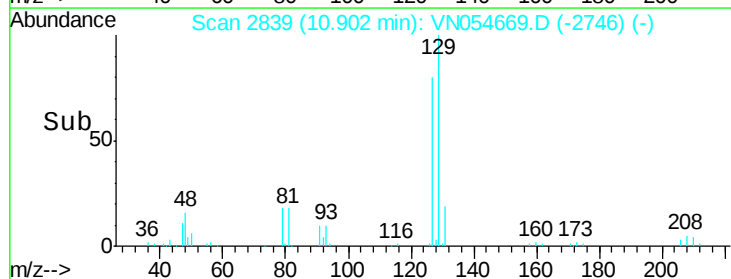
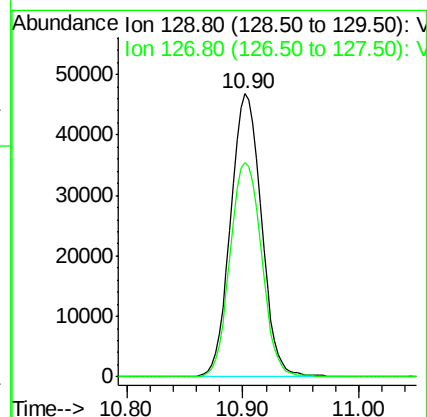
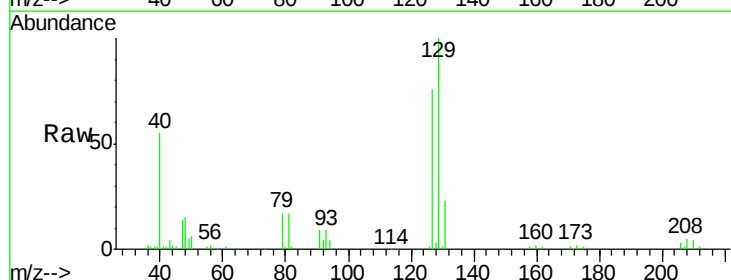
Acq: 25 Mar 2019 13:40

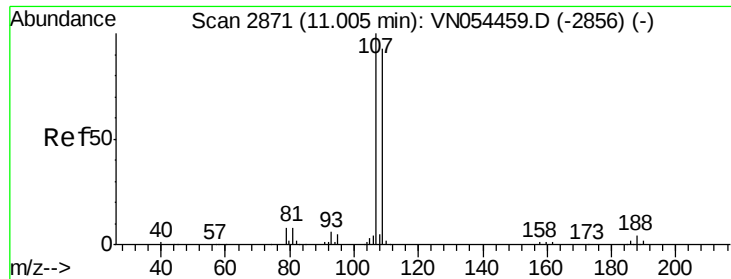
Tgt Ion: 129 Resp: 86116

Ion Ratio Lower Upper

129 100

127 77.3 38.6 115.8

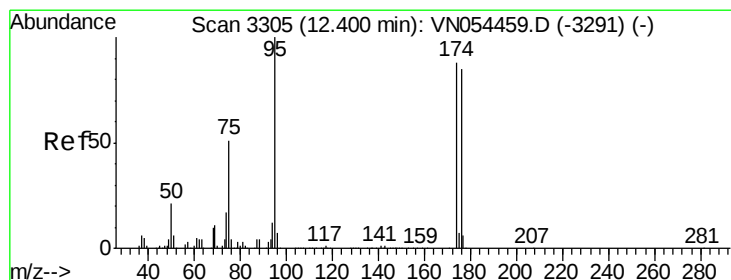
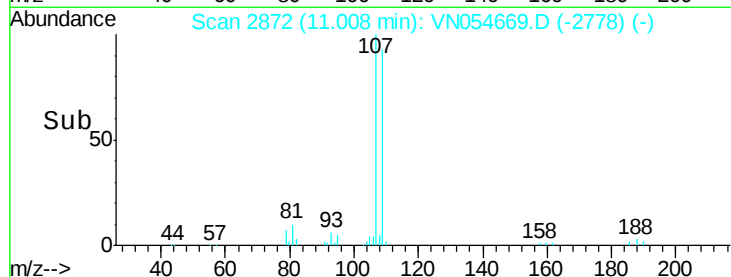
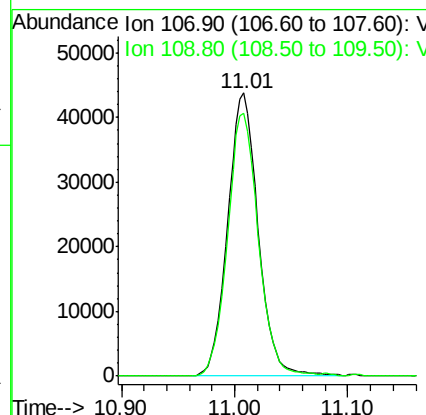
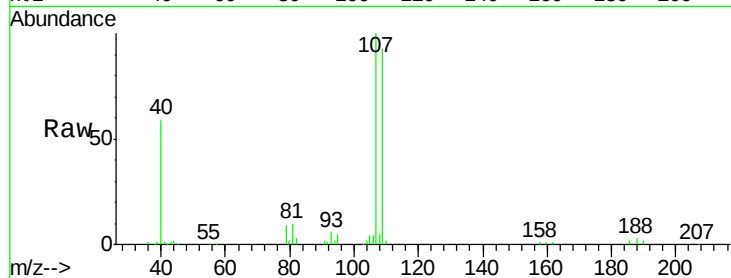




#61
 1,2-Dibromoethane
 Concen: 20.192 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN054669.D
 Acq: 25 Mar 2019 13:40

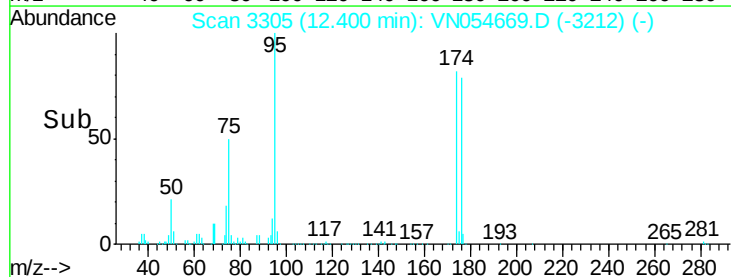
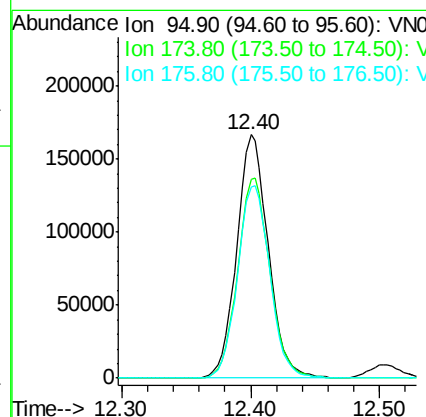
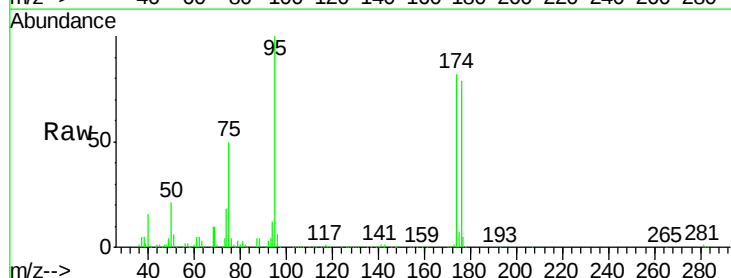
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBSD01

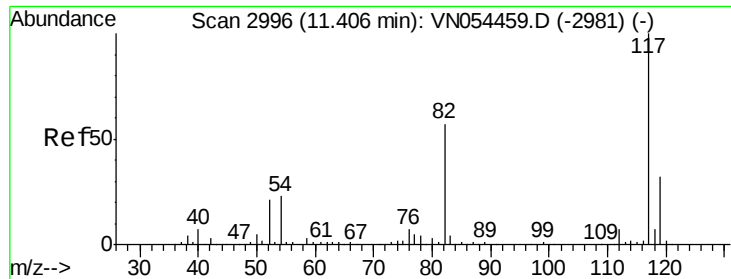
Tot Ion:107 Resp: 82119
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 49.269 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN054669.D
 Acq: 25 Mar 2019 13:40

Tgt Ion: 95 Resp: 282580
 Ion Ratio Lower Upper
 95 100
 174 83.8 0.0 191.0
 176 81.2 0.0 187.4

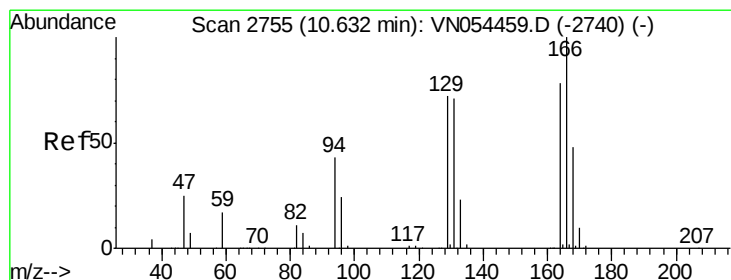
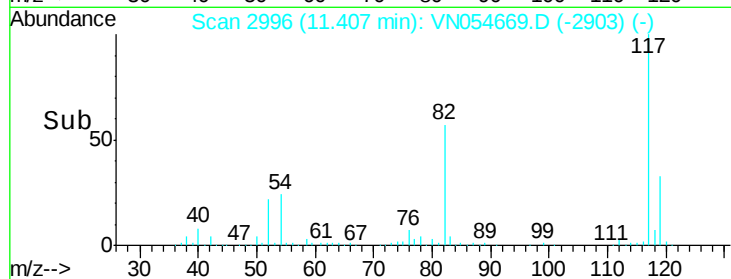
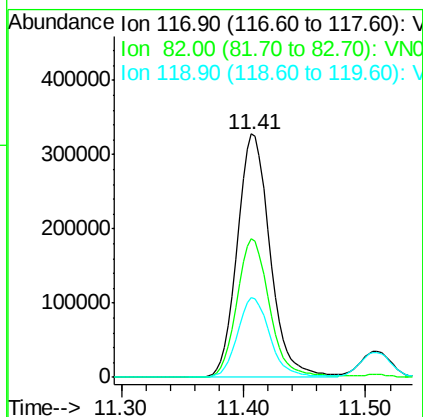
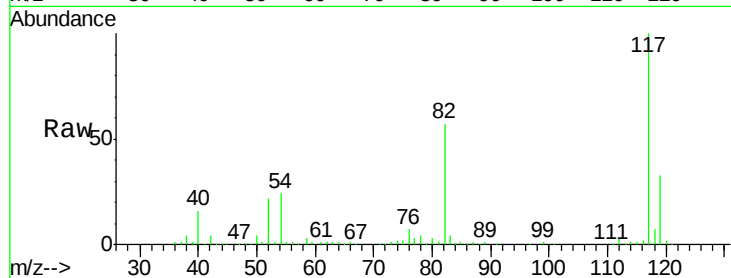




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054669.D
Acq: 25 Mar 2019 13:40

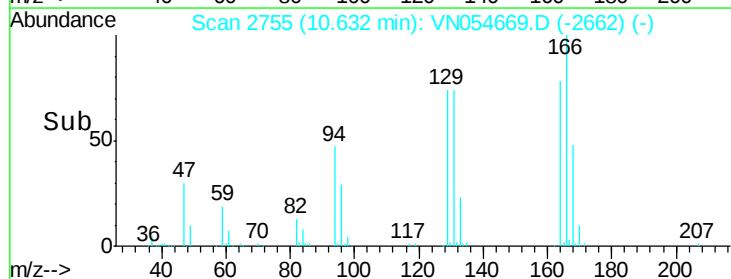
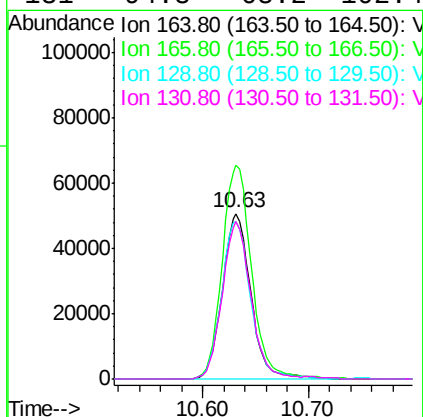
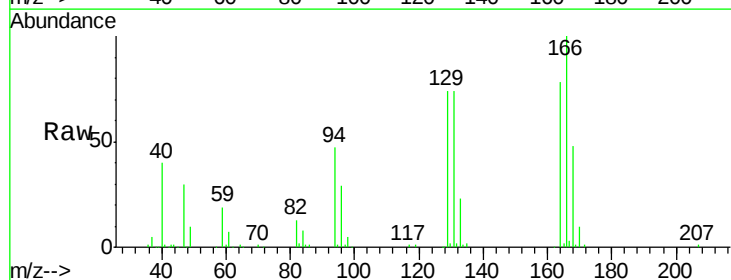
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01

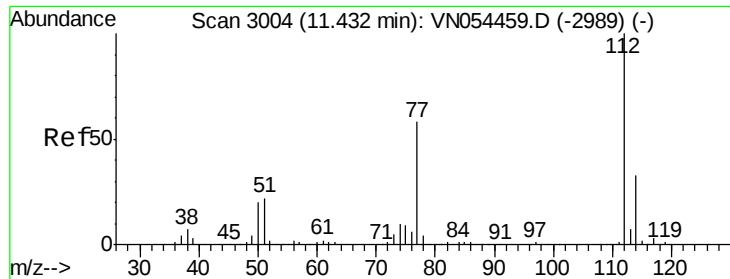
Tot Ion:117 Resp: 609311
Ion Ratio Lower Upper
117 100
82 56.9 40.0 60.0
119 32.7 25.8 38.6



#64
Tetrachloroethene
Concen: 18.738 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN054669.D
Acq: 25 Mar 2019 13:40

Tgt Ion:164 Resp: 94701
Ion Ratio Lower Upper
164 100
166 129.0 103.9 155.9
129 94.9 71.1 106.7
131 94.8 68.2 102.4

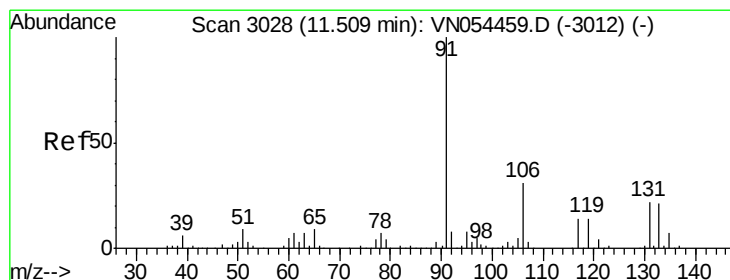
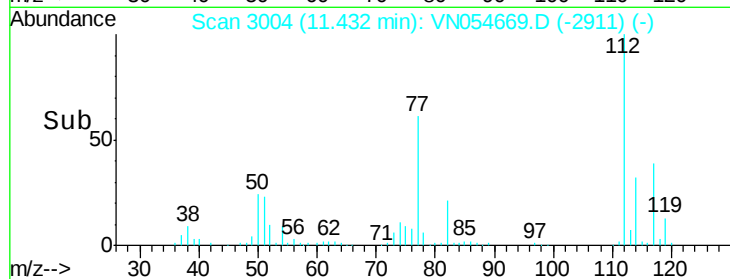
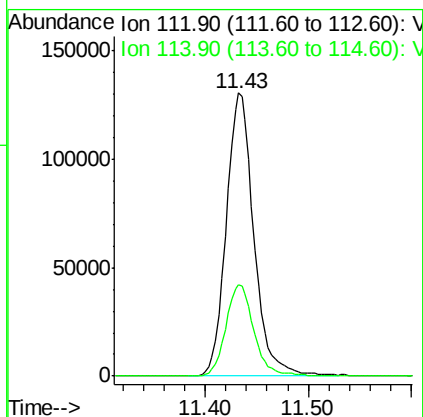
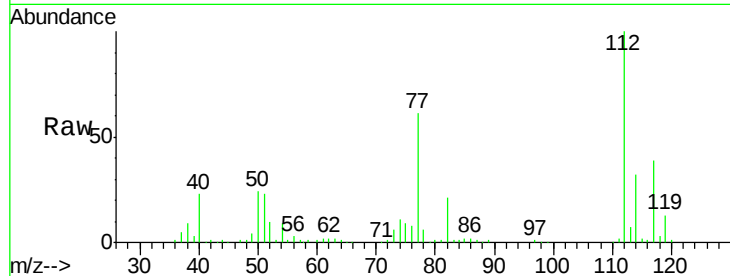




#65
Chlorobenzene
Concen: 19.666 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN054669.D
Acq: 25 Mar 2019 13:40

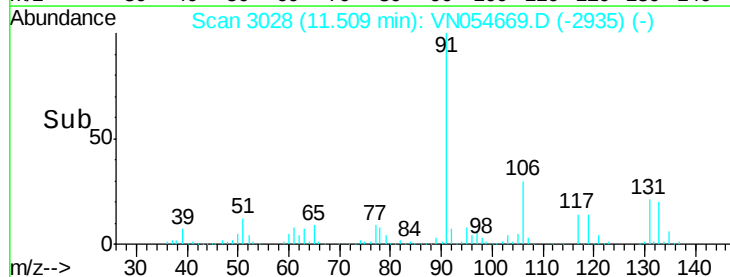
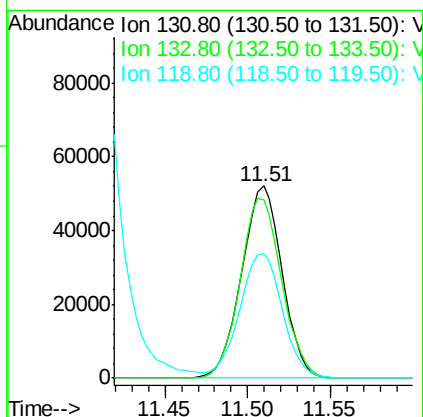
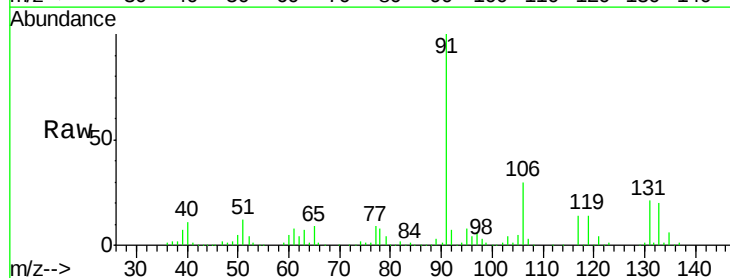
Instrument :
MSVOA_N
ClientSampled :
VN0325WBSD01

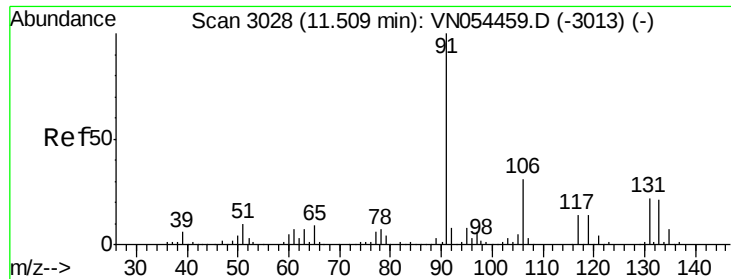
Tot Ion:112 Resp: 243716
Ion Ratio Lower Upper
112 100
114 32.2 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.848 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054669.D
Acq: 25 Mar 2019 13:40

Tgt Ion:131 Resp: 88287
Ion Ratio Lower Upper
131 100
133 96.2 47.6 142.9
119 68.7 32.4 97.0

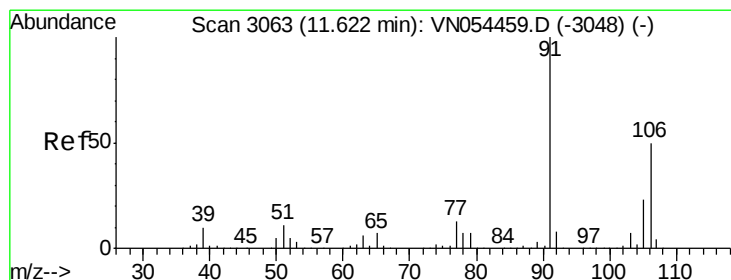
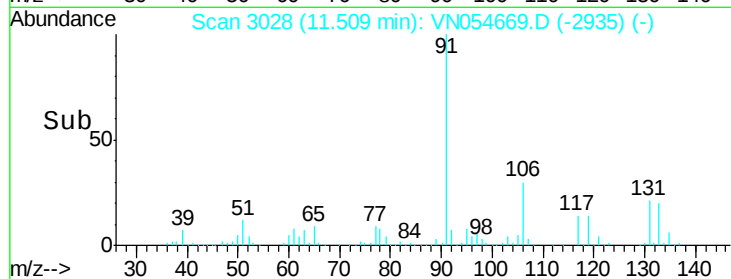
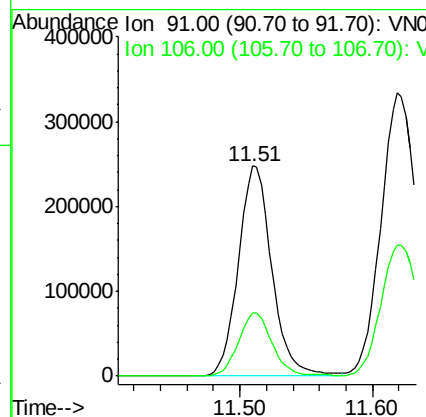
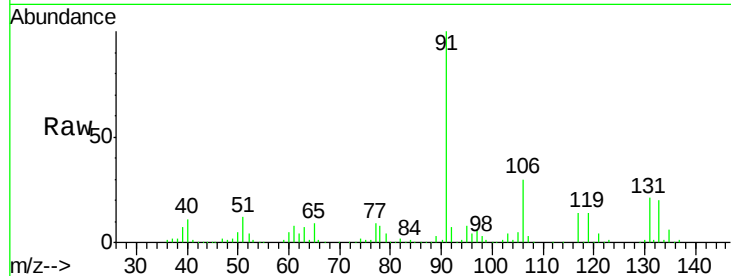




#67
Ethyl Benzene
Concen: 19.925 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054669.D
Acq: 25 Mar 2019 13:40

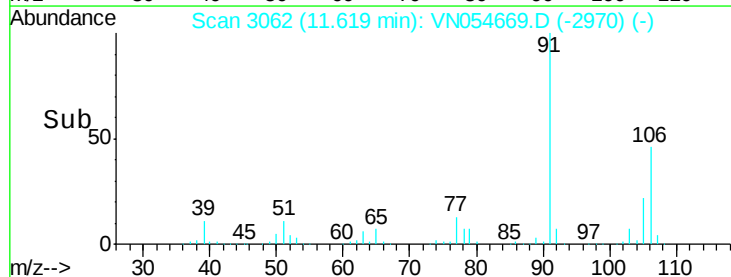
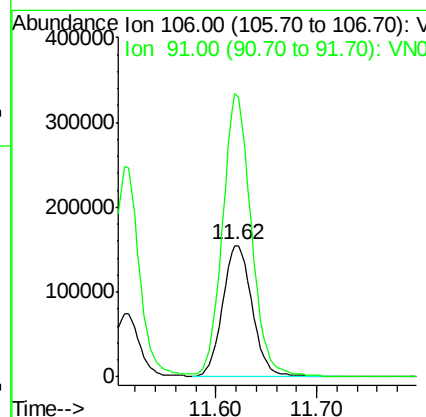
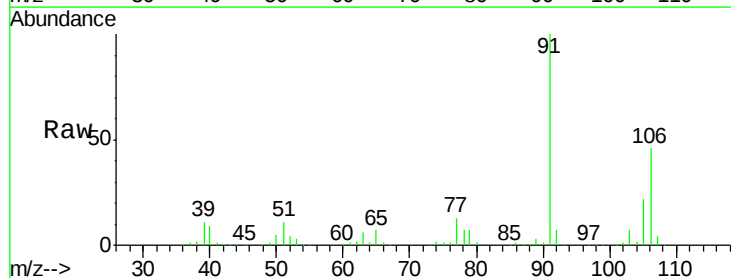
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01

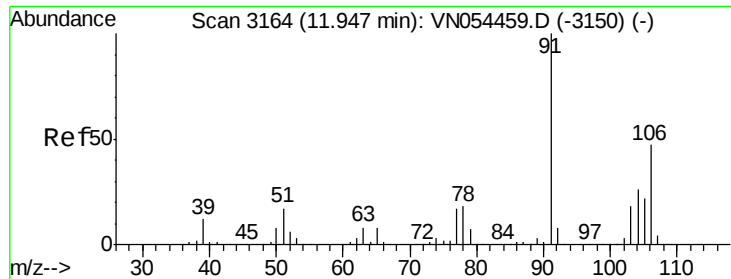
Tot Ion: 91 Resp: 436170
Ion Ratio Lower Upper
91 100
106 30.1 25.5 38.3



#68
m/p-Xylenes
Concen: 38.497 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054669.D
Acq: 25 Mar 2019 13:40

Tgt Ion: 106 Resp: 319208
Ion Ratio Lower Upper
106 100
91 208.1 159.4 239.2

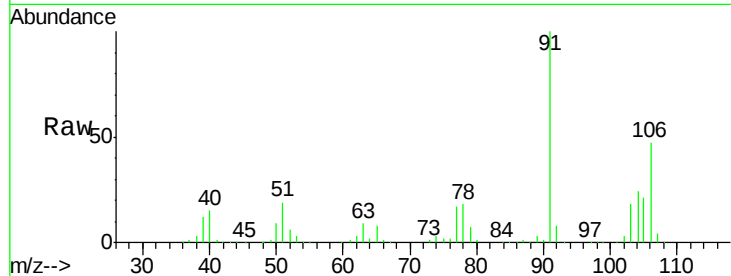




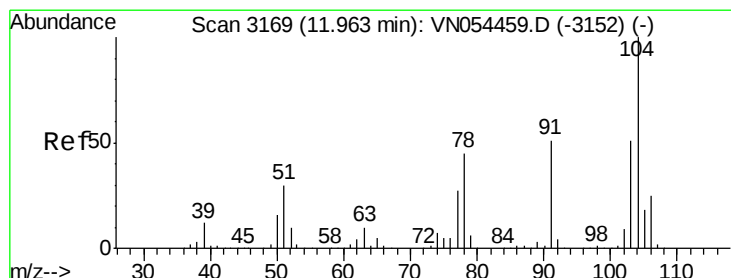
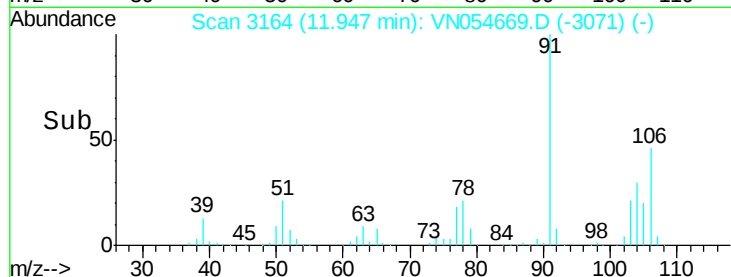
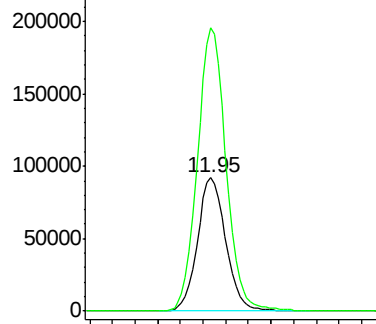
#69
o-Xylene
Concen: 19.764 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054669.D
Acq: 25 Mar 2019 13:40

Instrument :
MSVOA_N
ClientSampled :
VN0325WBSD01

Tot Ion:106 Resp: 160041
Ion Ratio Lower Upper
106 100
91 214.8 105.7 317.1

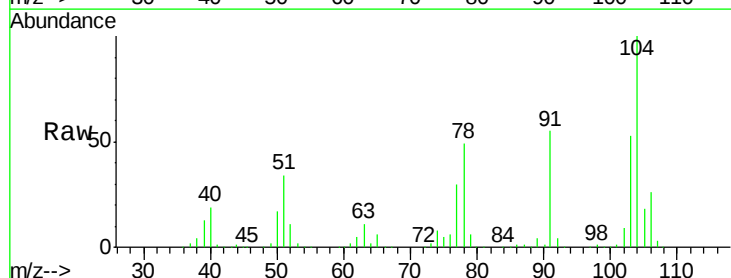


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

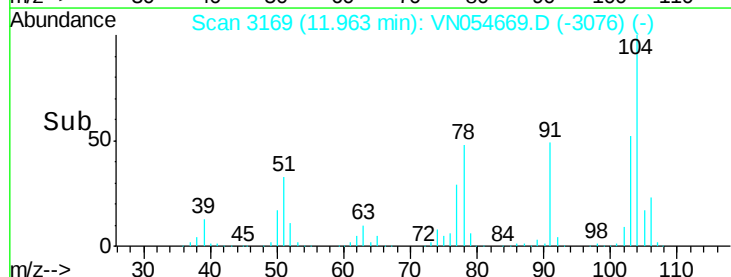
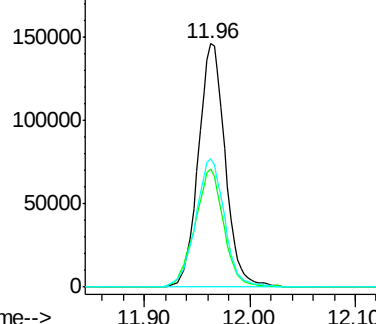


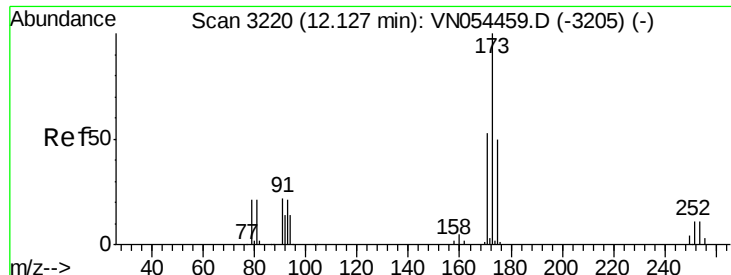
#70
Styrene
Concen: 19.569 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN054669.D
Acq: 25 Mar 2019 13:40

Tgt Ion:104 Resp: 257330
Ion Ratio Lower Upper
104 100
78 52.1 38.2 57.2
103 56.8 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.881 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

Instrument :

MSVOA_N

ClientSampled :

VN0325WBSD01

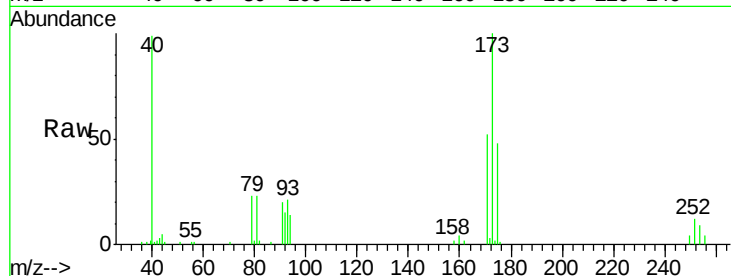
Tot Ion:173 Resp: 50257

Ion Ratio Lower Upper

173 100

175 48.2 24.4 73.2

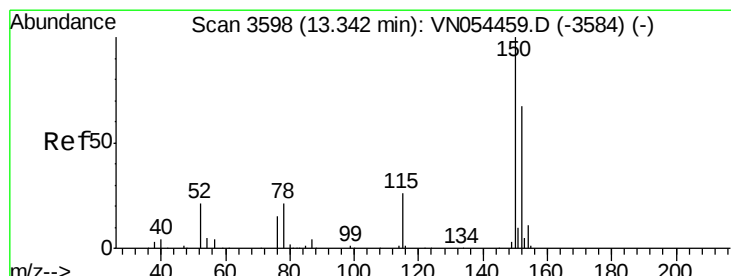
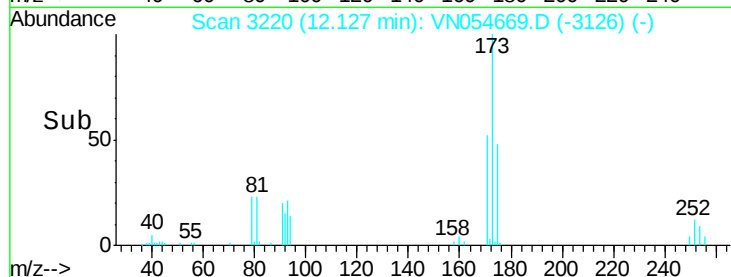
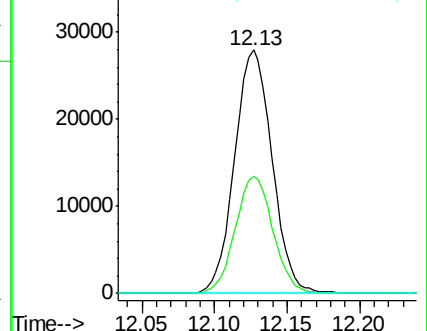
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

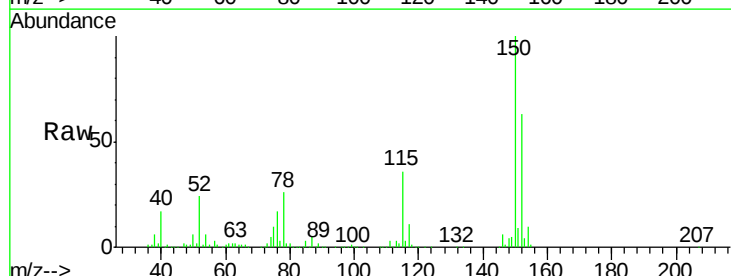
Tgt Ion:152 Resp: 250605

Ion Ratio Lower Upper

152 100

115 57.5 27.2 81.6

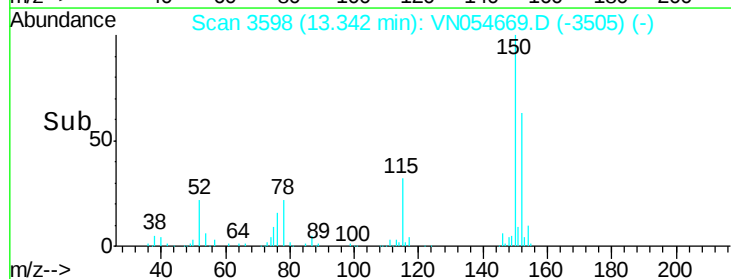
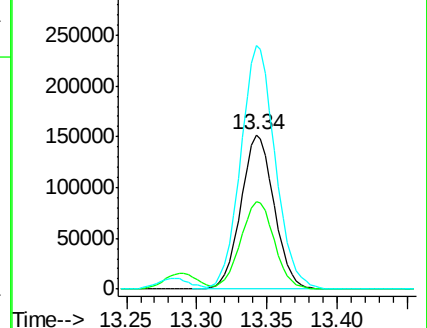
150 163.5 0.0 349.2

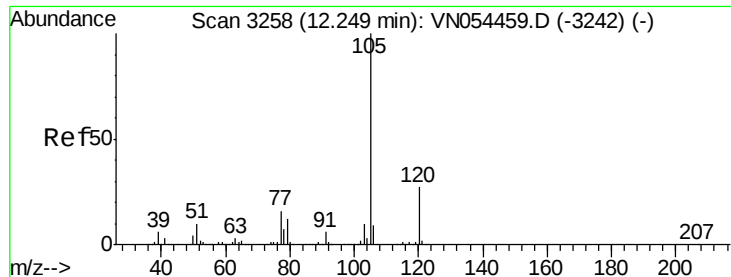


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.709 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

Instrument :

MSVOA_N

ClientSampleId :

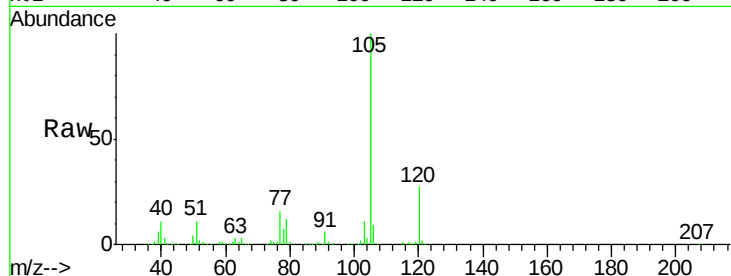
VN0325WBSD01

Tot Ion:105 Resp: 418209

Ion Ratio Lower Upper

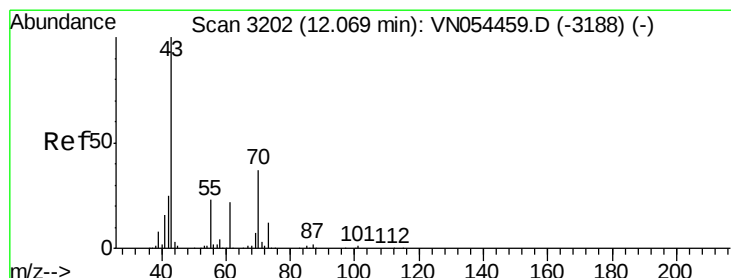
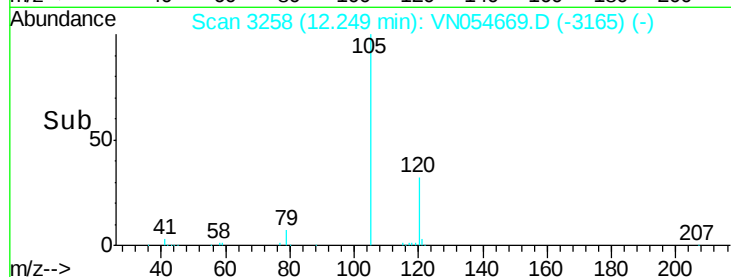
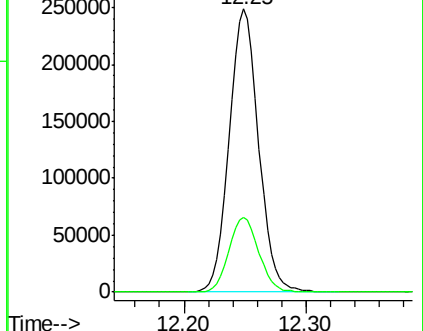
105 100

120 26.9 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.769 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

Tgt Ion: 43 Resp: 126405

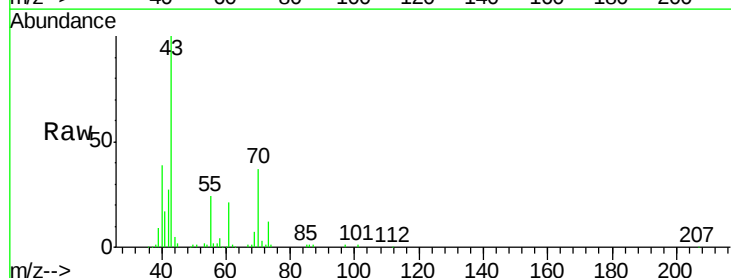
Ion Ratio Lower Upper

43 100

70 37.8 35.4 53.0

55 24.7 19.8 29.6

61 21.7 19.8 29.6

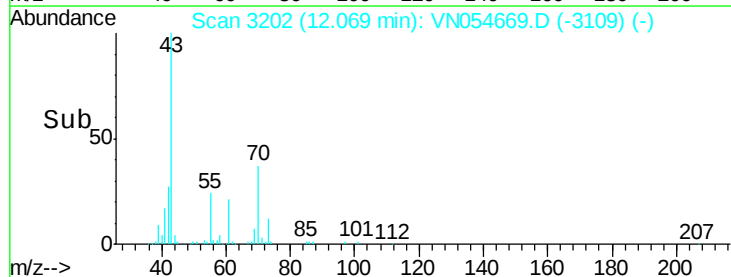
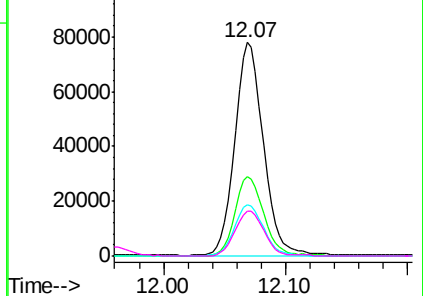


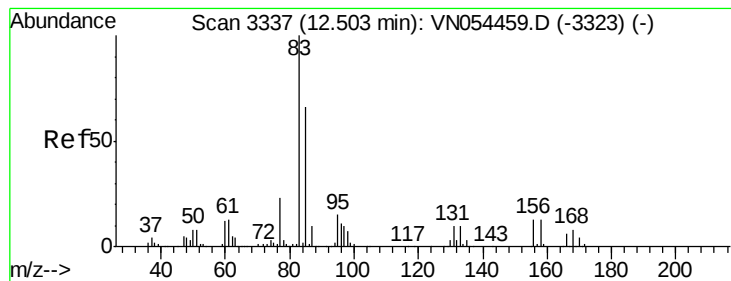
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 22.150 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBSD01

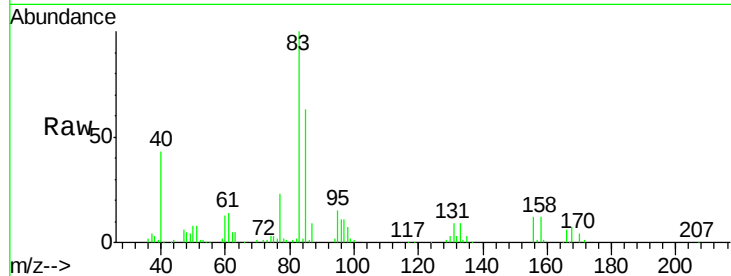
Tot Ion: 83 Resp: 102107

Ion Ratio Lower Upper

83 100

131 10.6 5.8 17.4

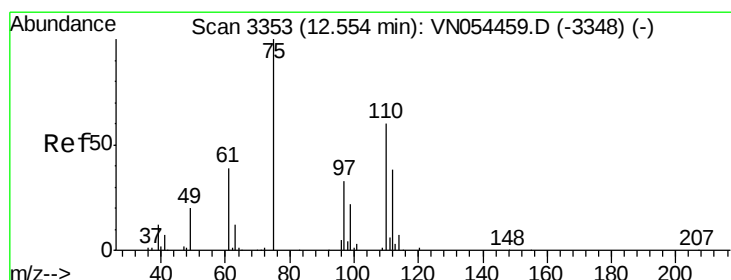
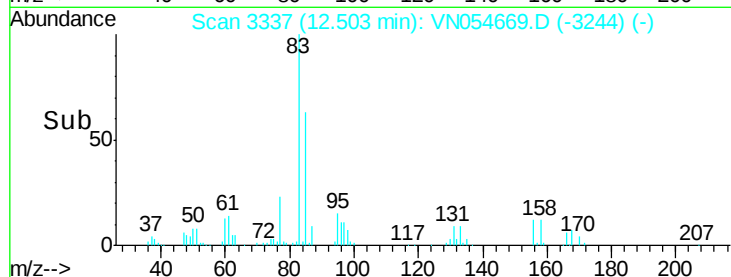
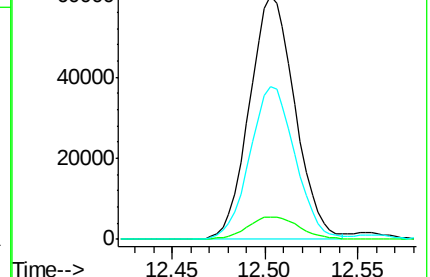
85 62.7 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 30.388 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN054669.D

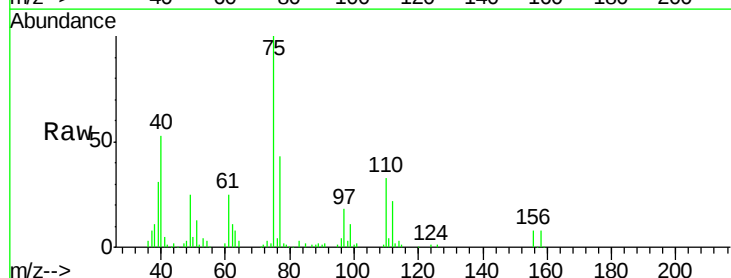
Acq: 25 Mar 2019 13:40

Tgt Ion: 75 Resp: 120843

Ion Ratio Lower Upper

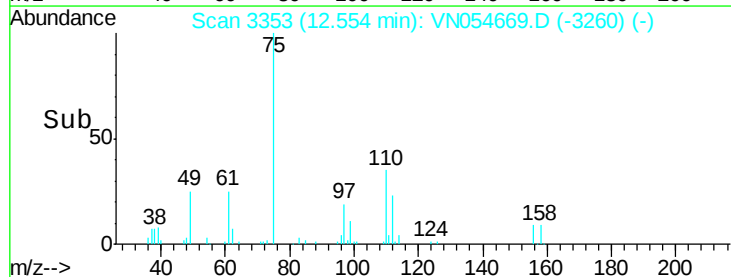
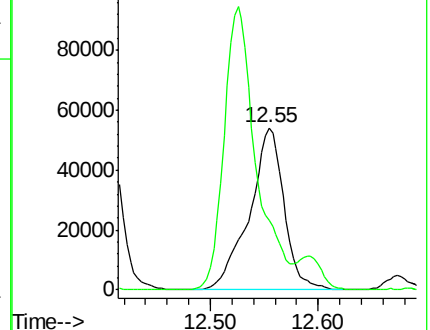
75 100

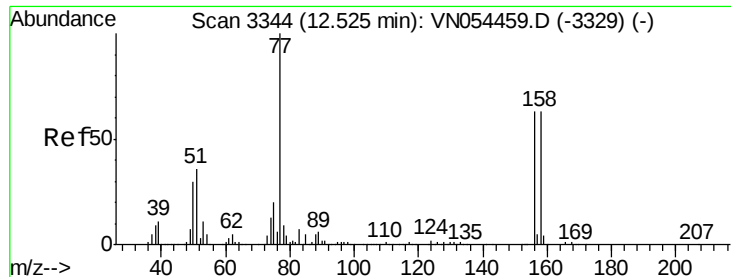
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.437 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBSD01

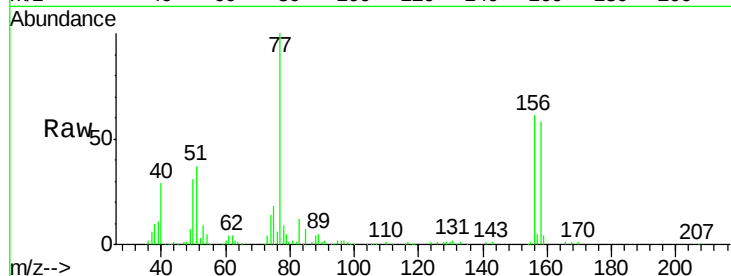
Tot Ion:156 Resp: 102358

Ion Ratio Lower Upper

156 100

77 191.5 81.5 244.4

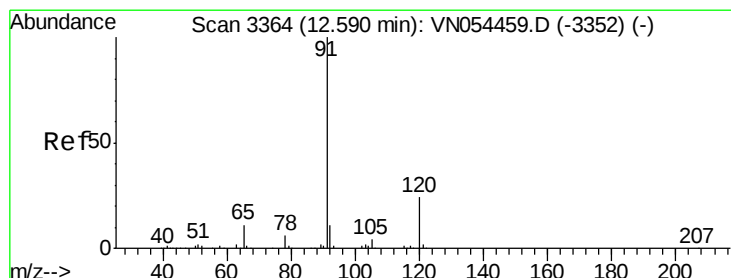
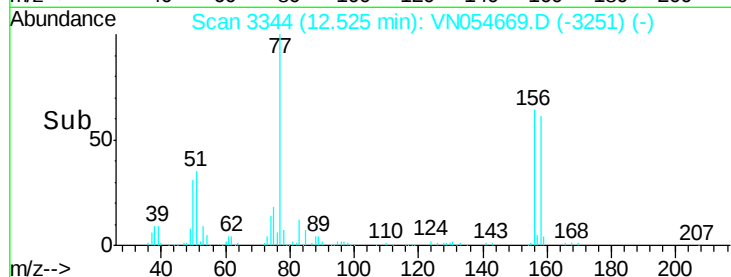
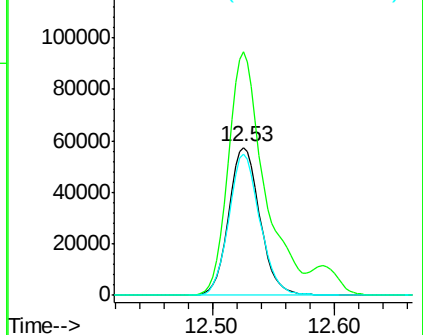
158 95.5 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.547 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054669.D

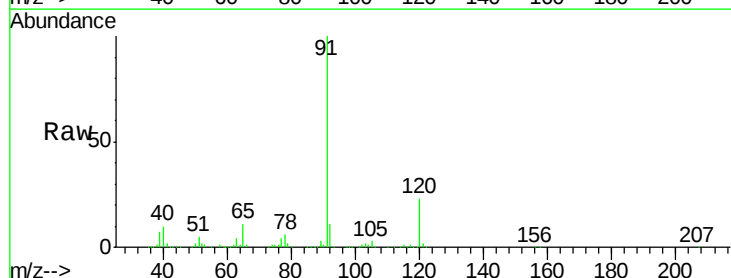
Acq: 25 Mar 2019 13:40

Tgt Ion: 91 Resp: 449927

Ion Ratio Lower Upper

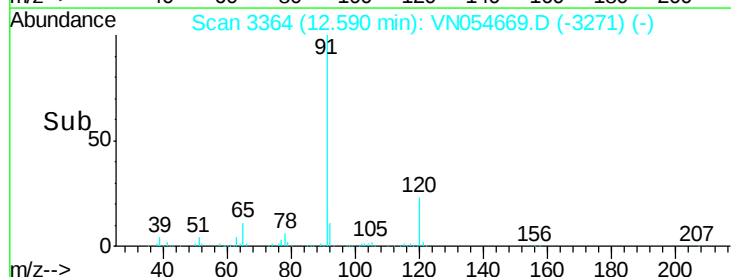
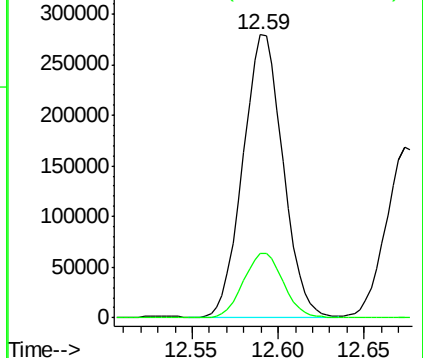
91 100

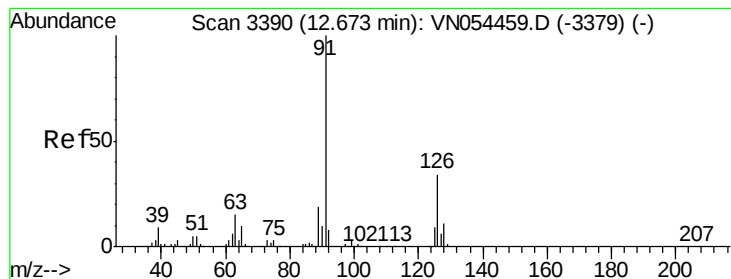
120 22.9 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.671 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

Instrument :

MSVOA_N

ClientSampleId :

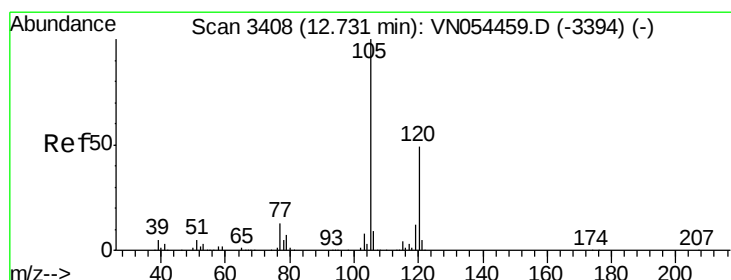
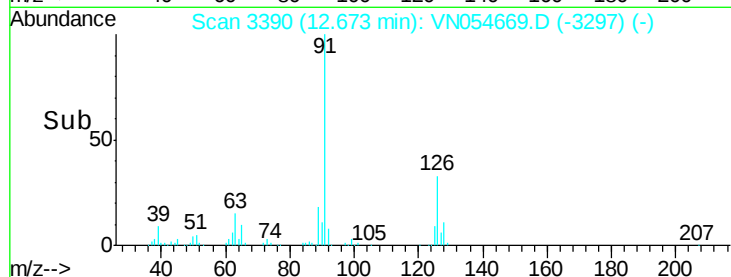
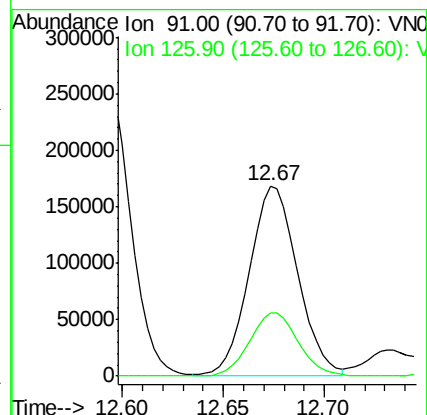
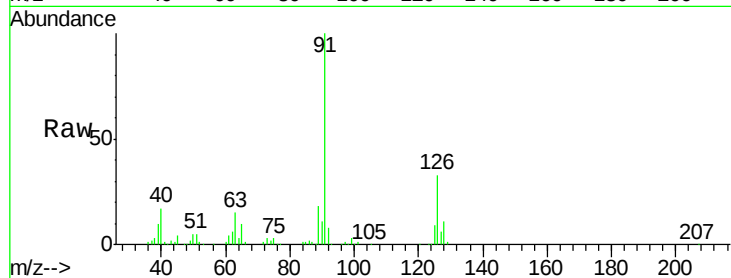
VN0325WBSD01

Tot Ion: 91 Resp: 282271

Ion Ratio Lower Upper

91 100

126 33.8 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 20.822 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054669.D

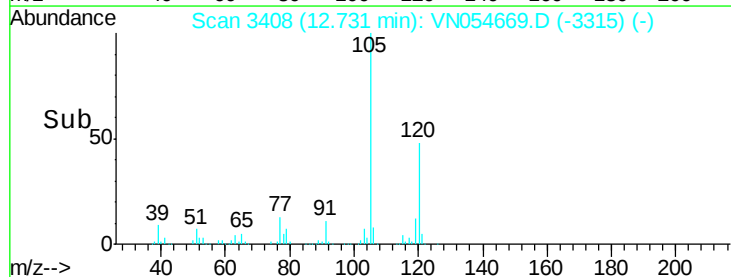
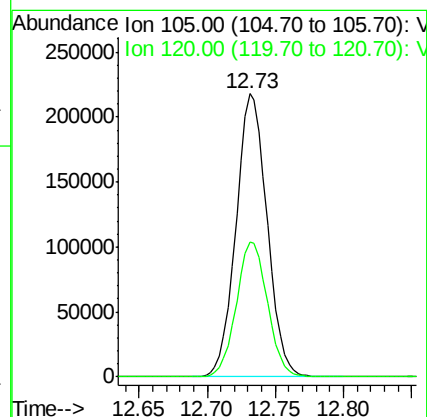
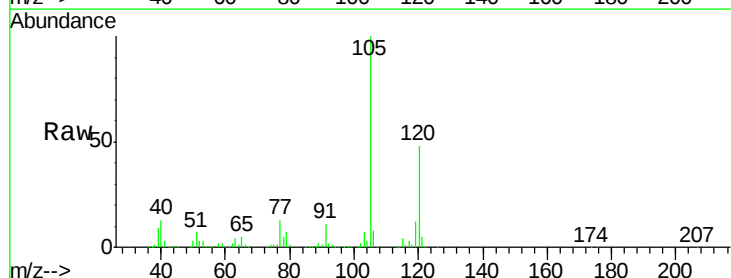
Acq: 25 Mar 2019 13:40

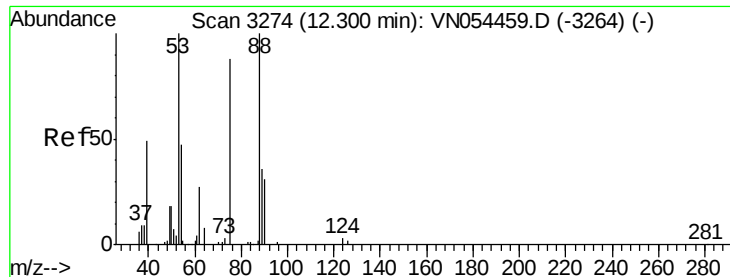
Tgt Ion: 105 Resp: 344618

Ion Ratio Lower Upper

105 100

120 48.0 25.0 75.0

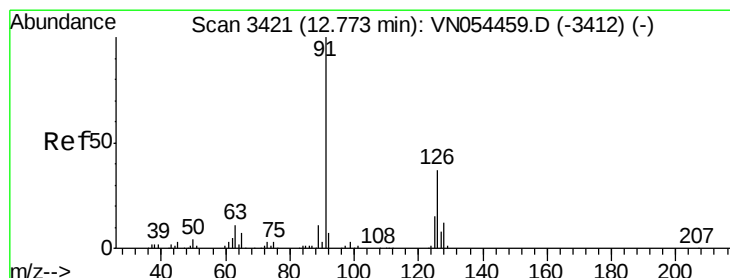
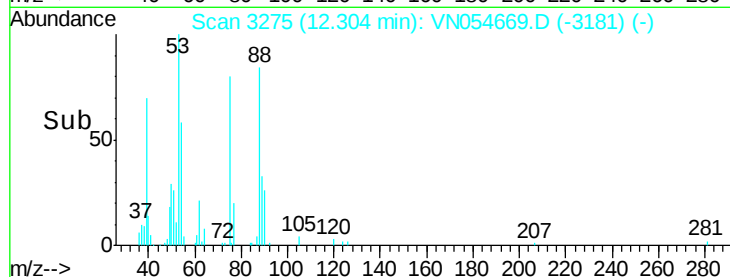
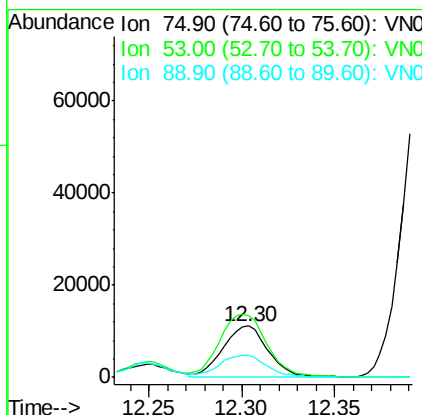
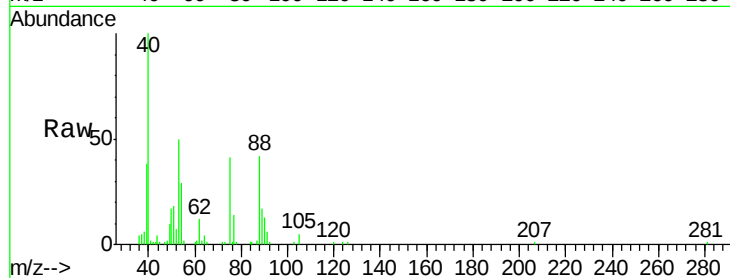




#81
trans-1,4-Dichloro-2-butene
Concen: 18.641 ug/l
RT: 12.30 min Scan# 3275
Delta R.T. 0.00 min
Lab File: VN054669.D
Acq: 25 Mar 2019 13:40

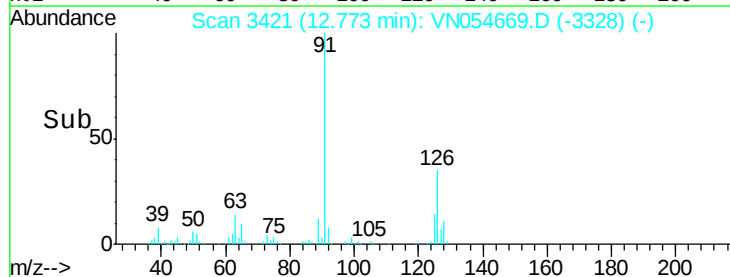
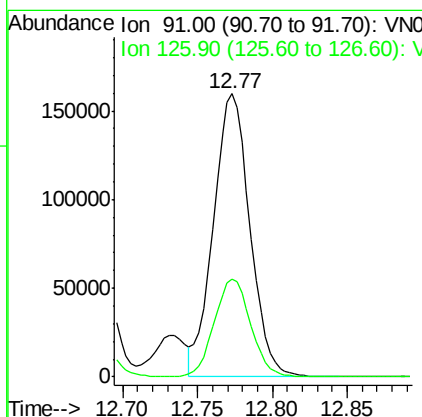
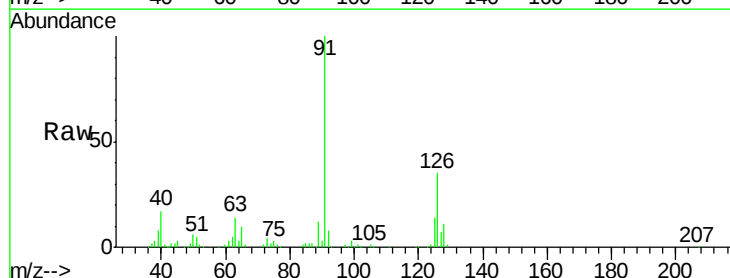
Instrument :
MSVOA_N
ClientSampled :
VN0325WBSD01

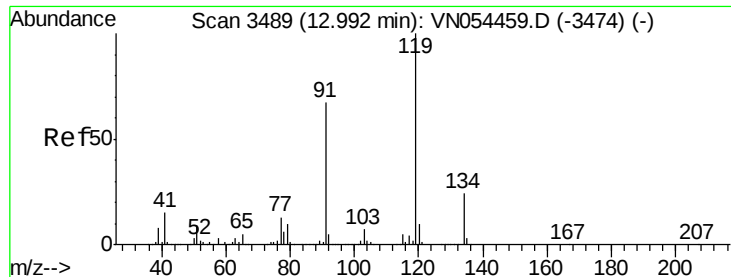
Tot Ion: 75 Resp: 19053
Ion Ratio Lower Upper
75 100
53 126.0 76.2 114.2#
89 44.7 39.2 58.8



#82
4-Chlorotoluene
Concen: 20.406 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN054669.D
Acq: 25 Mar 2019 13:40

Tgt Ion: 91 Resp: 270100
Ion Ratio Lower Upper
91 100
126 34.6 18.1 54.1

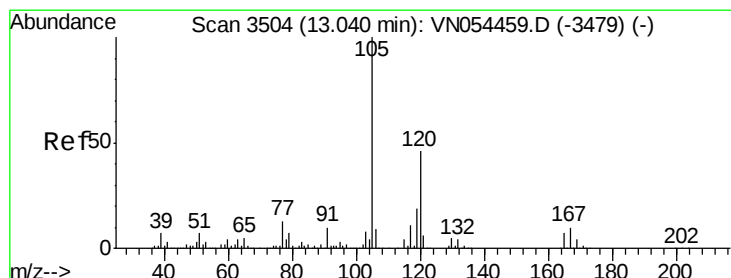
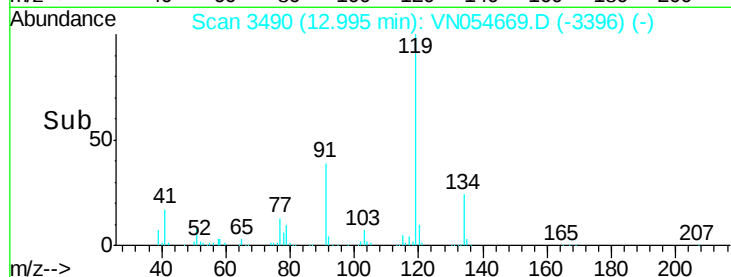
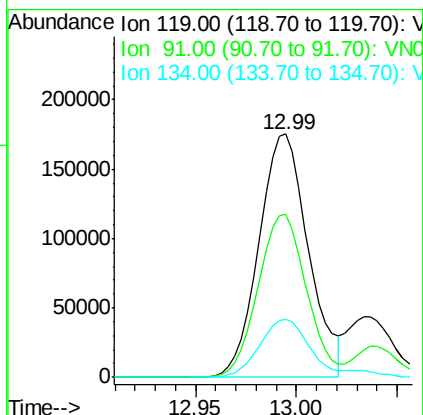
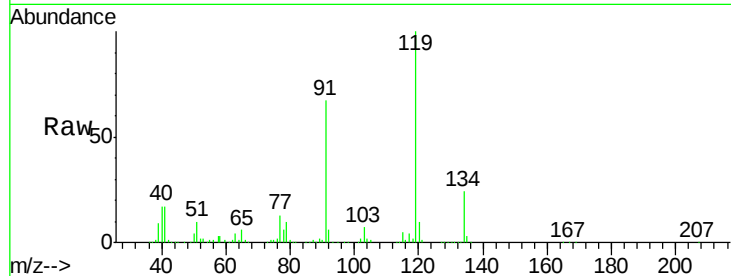




#83
 tert-Butylbenzene
 Concen: 20.820 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN054669.D
 Acq: 25 Mar 2019 13:40

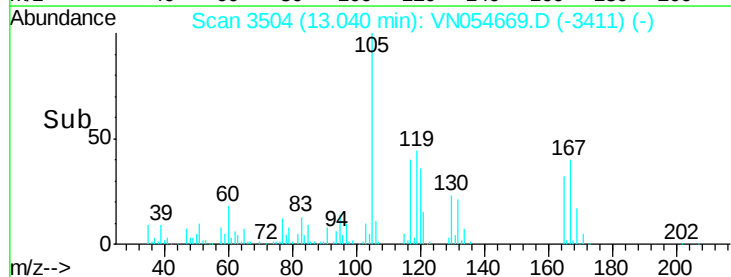
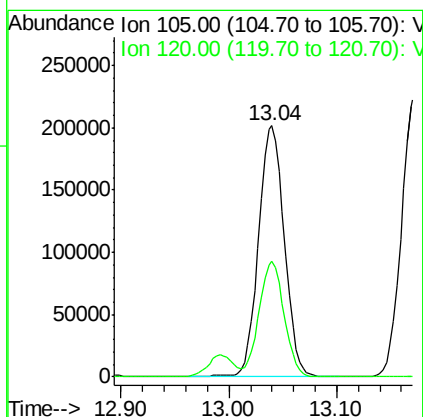
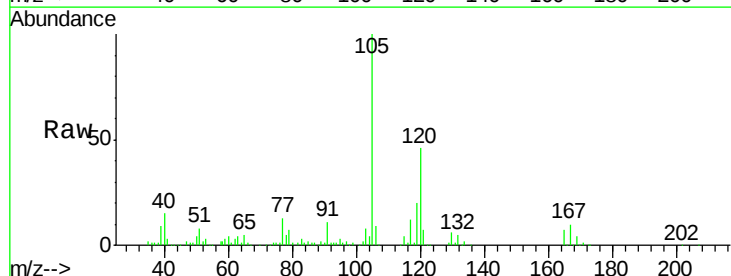
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBSD01

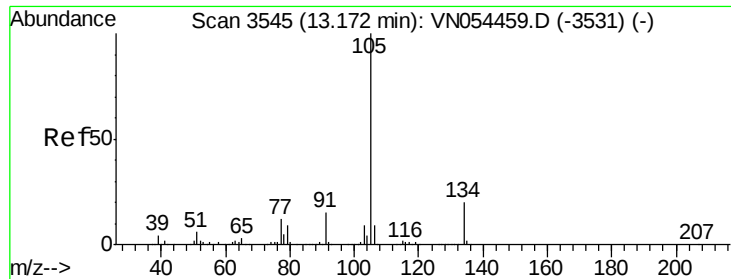
Tot Ion:119 Resp: 299944
 Ion Ratio Lower Upper
 119 100
 91 65.3 30.9 92.8
 134 25.8 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.608 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054669.D
 Acq: 25 Mar 2019 13:40

Tgt Ion:105 Resp: 334675
 Ion Ratio Lower Upper
 105 100
 120 44.6 23.4 70.3





#85

sec-Butylbenzene

Concen: 20.406 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

Instrument :

MSVOA_N

ClientSampled :

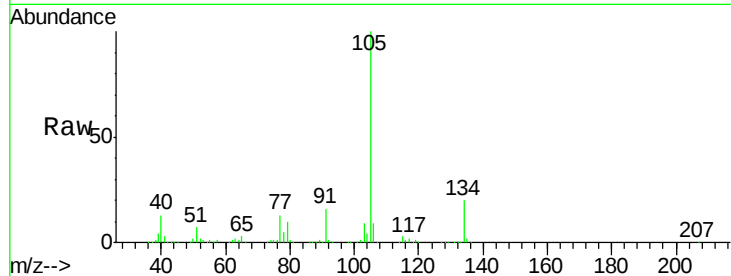
VN0325WBSD01

Tot Ion:105 Resp: 366476

Ion Ratio Lower Upper

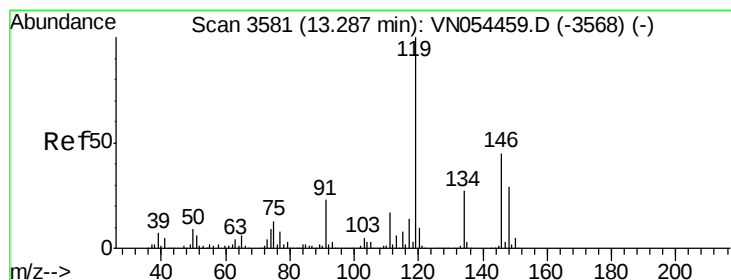
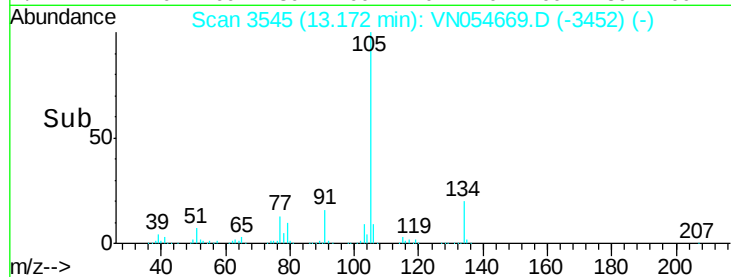
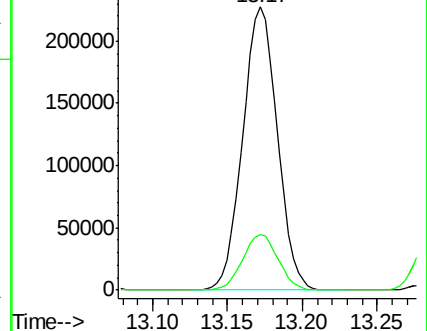
105 100

134 20.1 10.7 32.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.893 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

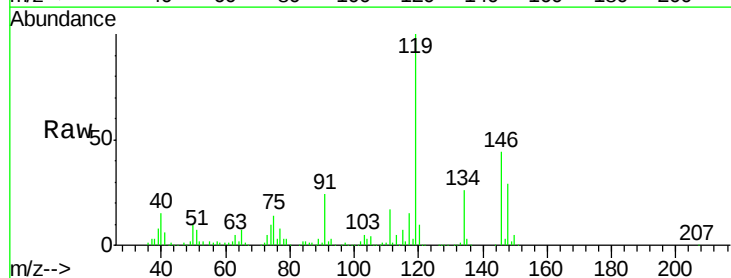
Tgt Ion:119 Resp: 319630

Ion Ratio Lower Upper

119 100

134 26.4 13.6 40.8

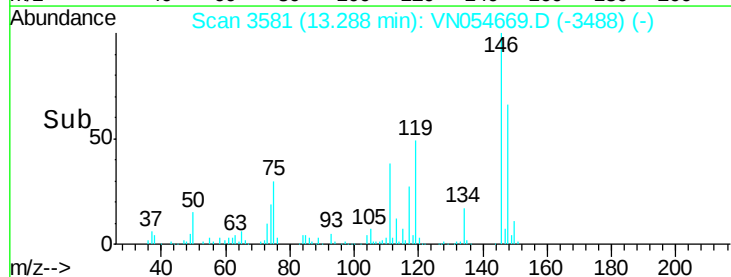
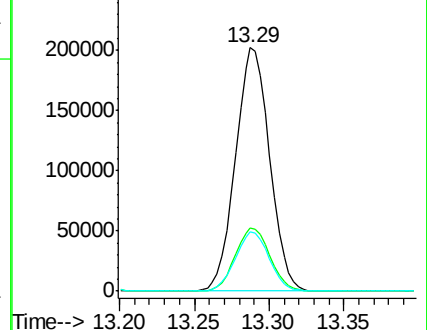
91 24.4 11.1 33.3

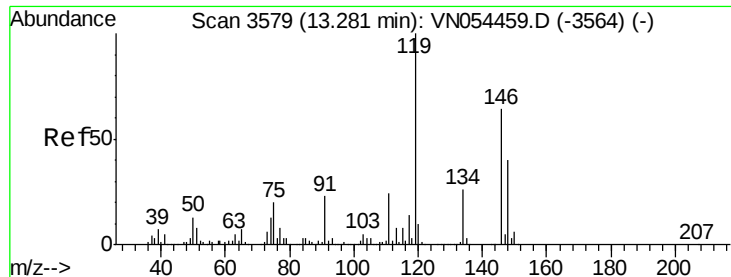


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

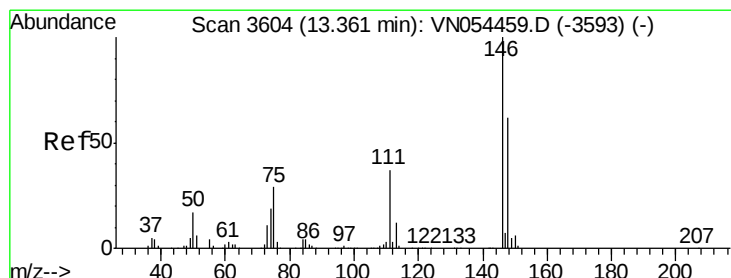
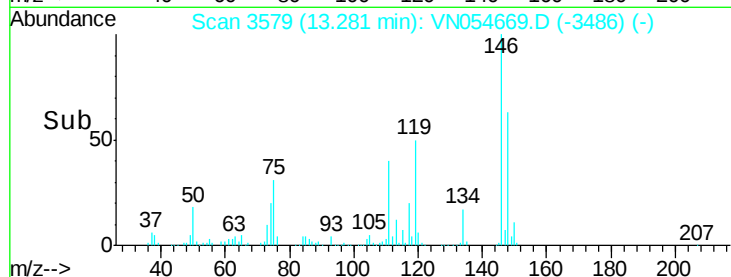
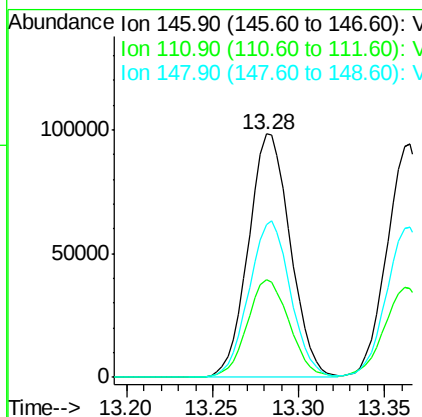
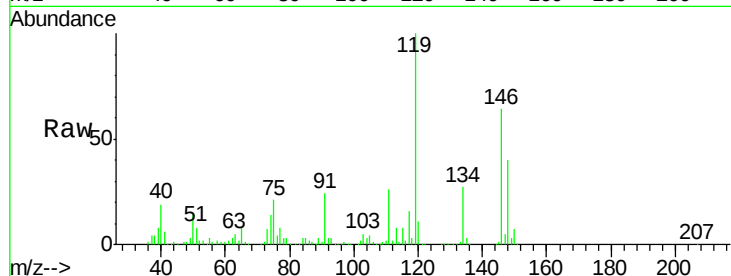




#87
 1,3-Dichlorobenzene
 Concen: 20.061 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN054669.D
 Acq: 25 Mar 2019 13:40

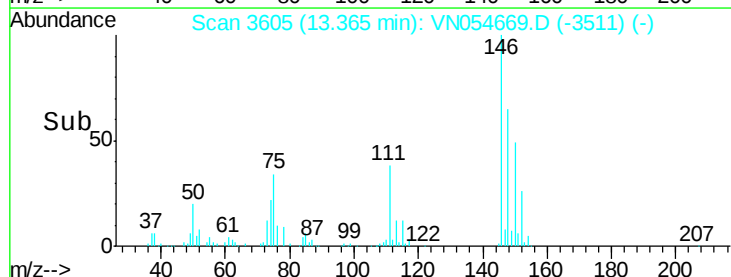
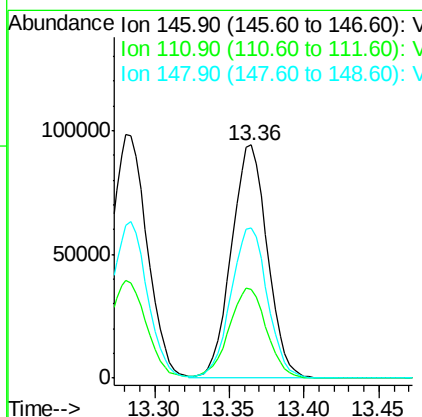
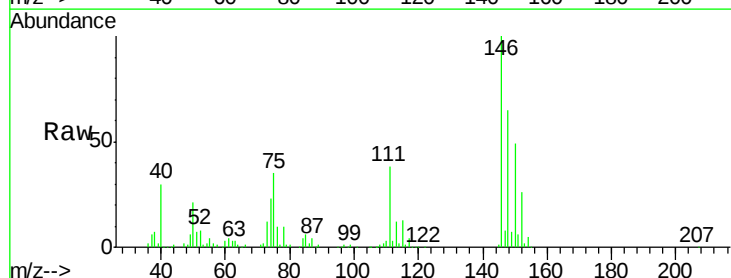
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBSD01

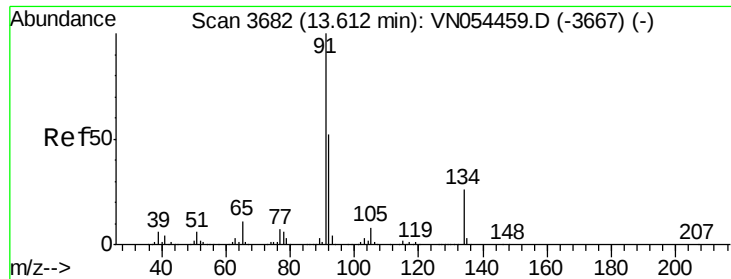
Tot Ion:146 Resp: 166499
 Ion Ratio Lower Upper
 146 100
 111 40.2 18.8 56.3
 148 63.7 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.600 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN054669.D
 Acq: 25 Mar 2019 13:40

Tgt Ion:146 Resp: 158276
 Ion Ratio Lower Upper
 146 100
 111 40.3 18.1 54.1
 148 65.2 32.0 96.0





#89

n-Butylbenzene

Concen: 19.393 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBSD01

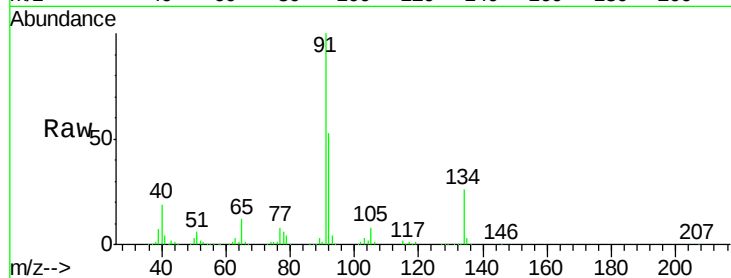
Tot Ion: 91 Resp: 243645

Ion Ratio Lower Upper

91 100

92 52.1 26.2 78.6

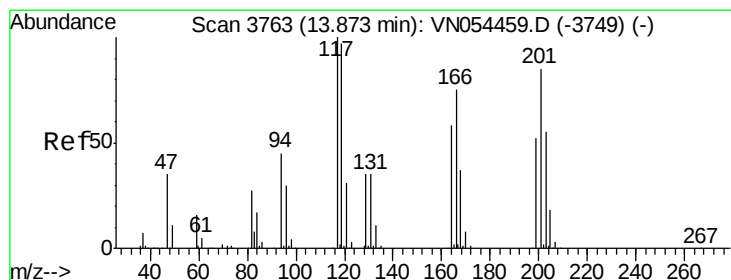
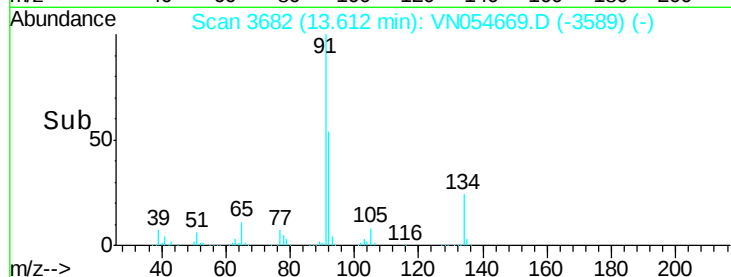
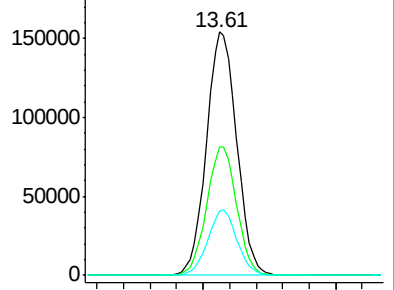
134 26.0 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VN054459.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN054459.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN054459.D (-3667) (-)



#90

Hexachloroethane

Concen: 19.967 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN054669.D

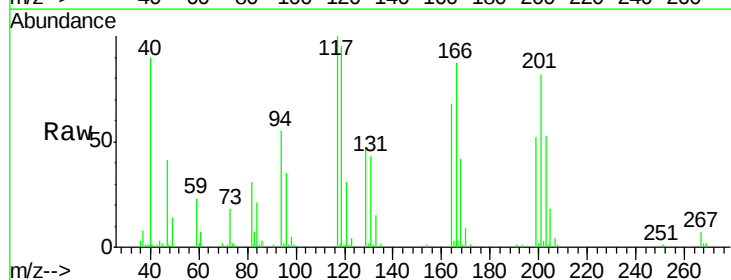
Acq: 25 Mar 2019 13:40

Tgt Ion: 117 Resp: 49797

Ion Ratio Lower Upper

117 100

201 84.5 48.1 144.4



Abundance Ion 116.80 (116.50 to 117.50): VN054459.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN054459.D (-3749) (-)

Ion 201.40 (201.10 to 201.70): VN054459.D (-3749) (-)

Ion 202.10 (201.80 to 202.40): VN054459.D (-3749) (-)

Ion 203.80 (203.50 to 204.10): VN054459.D (-3749) (-)

Ion 204.50 (204.20 to 204.80): VN054459.D (-3749) (-)

Ion 205.20 (204.90 to 205.50): VN054459.D (-3749) (-)

Ion 206.90 (206.60 to 207.20): VN054459.D (-3749) (-)

Ion 207.60 (207.30 to 207.90): VN054459.D (-3749) (-)

Ion 208.30 (208.00 to 208.60): VN054459.D (-3749) (-)

Ion 209.00 (208.70 to 209.30): VN054459.D (-3749) (-)

Ion 209.70 (209.40 to 210.00): VN054459.D (-3749) (-)

Ion 210.40 (210.10 to 210.70): VN054459.D (-3749) (-)

Ion 211.10 (210.80 to 211.40): VN054459.D (-3749) (-)

Ion 211.80 (211.50 to 212.10): VN054459.D (-3749) (-)

Ion 212.50 (212.20 to 212.80): VN054459.D (-3749) (-)

Ion 213.20 (212.90 to 213.50): VN054459.D (-3749) (-)

Ion 213.90 (213.60 to 214.20): VN054459.D (-3749) (-)

Ion 214.60 (214.30 to 214.90): VN054459.D (-3749) (-)

Ion 215.30 (215.00 to 215.60): VN054459.D (-3749) (-)

Ion 216.00 (215.70 to 216.30): VN054459.D (-3749) (-)

Ion 216.70 (216.40 to 217.00): VN054459.D (-3749) (-)

Ion 217.40 (217.10 to 217.70): VN054459.D (-3749) (-)

Ion 218.10 (217.80 to 218.40): VN054459.D (-3749) (-)

Ion 218.80 (218.50 to 219.10): VN054459.D (-3749) (-)

Ion 219.50 (219.20 to 219.80): VN054459.D (-3749) (-)

Ion 220.20 (219.90 to 220.50): VN054459.D (-3749) (-)

Ion 220.90 (220.60 to 221.20): VN054459.D (-3749) (-)

Ion 221.60 (221.30 to 221.90): VN054459.D (-3749) (-)

Ion 222.30 (222.00 to 222.60): VN054459.D (-3749) (-)

Ion 223.00 (222.70 to 223.00): VN054459.D (-3749) (-)

Ion 223.70 (223.40 to 223.70): VN054459.D (-3749) (-)

Ion 224.40 (224.10 to 224.40): VN054459.D (-3749) (-)

Ion 225.10 (224.80 to 225.10): VN054459.D (-3749) (-)

Ion 225.80 (225.50 to 225.80): VN054459.D (-3749) (-)

Ion 226.50 (226.20 to 226.50): VN054459.D (-3749) (-)

Ion 227.20 (226.90 to 227.20): VN054459.D (-3749) (-)

Ion 227.90 (227.60 to 227.90): VN054459.D (-3749) (-)

Ion 228.60 (228.30 to 228.60): VN054459.D (-3749) (-)

Ion 229.30 (229.00 to 229.30): VN054459.D (-3749) (-)

Ion 230.00 (229.70 to 230.00): VN054459.D (-3749) (-)

Ion 230.70 (230.40 to 230.70): VN054459.D (-3749) (-)

Ion 231.40 (231.10 to 231.40): VN054459.D (-3749) (-)

Ion 232.10 (231.80 to 232.10): VN054459.D (-3749) (-)

Ion 232.80 (232.50 to 232.80): VN054459.D (-3749) (-)

Ion 233.50 (233.20 to 233.50): VN054459.D (-3749) (-)

Ion 234.20 (233.90 to 234.20): VN054459.D (-3749) (-)

Ion 234.90 (234.60 to 234.90): VN054459.D (-3749) (-)

Ion 235.60 (235.30 to 235.60): VN054459.D (-3749) (-)

Ion 236.30 (236.00 to 236.30): VN054459.D (-3749) (-)

Ion 237.00 (236.70 to 237.00): VN054459.D (-3749) (-)

Ion 237.70 (237.40 to 237.70): VN054459.D (-3749) (-)

Ion 238.40 (238.10 to 238.40): VN054459.D (-3749) (-)

Ion 239.10 (238.80 to 239.10): VN054459.D (-3749) (-)

Ion 239.80 (239.50 to 239.80): VN054459.D (-3749) (-)

Ion 240.50 (240.20 to 240.50): VN054459.D (-3749) (-)

Ion 241.20 (240.90 to 241.20): VN054459.D (-3749) (-)

Ion 241.90 (241.60 to 241.90): VN054459.D (-3749) (-)

Ion 242.60 (242.30 to 242.60): VN054459.D (-3749) (-)

Ion 243.30 (243.00 to 243.30): VN054459.D (-3749) (-)

Ion 244.00 (243.70 to 244.00): VN054459.D (-3749) (-)

Ion 244.70 (244.40 to 244.70): VN054459.D (-3749) (-)

Ion 245.40 (245.10 to 245.40): VN054459.D (-3749) (-)

Ion 246.10 (245.80 to 246.10): VN054459.D (-3749) (-)

Ion 246.80 (246.50 to 246.80): VN054459.D (-3749) (-)

Ion 247.50 (247.20 to 247.50): VN054459.D (-3749) (-)

Ion 248.20 (247.90 to 248.20): VN054459.D (-3749) (-)

Ion 248.90 (248.60 to 248.90): VN054459.D (-3749) (-)

Ion 249.60 (249.30 to 249.60): VN054459.D (-3749) (-)

Ion 250.30 (250.00 to 250.30): VN054459.D (-3749) (-)

Ion 251.00 (250.70 to 251.00): VN054459.D (-3749) (-)

Ion 251.70 (251.40 to 251.70): VN054459.D (-3749) (-)

Ion 252.40 (252.10 to 252.40): VN054459.D (-3749) (-)

Ion 253.10 (252.80 to 253.10): VN054459.D (-3749) (-)

Ion 253.80 (253.50 to 253.80): VN054459.D (-3749) (-)

Ion 254.50 (254.20 to 254.50): VN054459.D (-3749) (-)

Ion 255.20 (254.90 to 255.20): VN054459.D (-3749) (-)

Ion 255.90 (255.60 to 255.90): VN054459.D (-3749) (-)

Ion 256.60 (256.30 to 256.60): VN054459.D (-3749) (-)

Ion 257.30 (257.00 to 257.30): VN054459.D (-3749) (-)

Ion 258.00 (257.70 to 258.00): VN054459.D (-3749) (-)

Ion 258.70 (258.40 to 258.70): VN054459.D (-3749) (-)

Ion 259.40 (259.10 to 259.40): VN054459.D (-3749) (-)

Ion 260.10 (259.80 to 260.10): VN054459.D (-3749) (-)

Ion 260.80 (260.50 to 260.80): VN054459.D (-3749) (-)

Ion 261.50 (261.20 to 261.50): VN054459.D (-3749) (-)

Ion 262.20 (261.90 to 262.20): VN054459.D (-3749) (-)

Ion 262.90 (262.60 to 262.90): VN054459.D (-3749) (-)

Ion 263.60 (263.30 to 263.60): VN054459.D (-3749) (-)

Ion 264.30 (264.00 to 264.30): VN054459.D (-3749) (-)

Ion 265.00 (264.70 to 265.00): VN054459.D (-3749) (-)

Ion 265.70 (265.40 to 265.70): VN054459.D (-3749) (-)

Ion 266.40 (266.10 to 266.40): VN054459.D (-3749) (-)

Ion 267.10 (266.80 to 267.10): VN054459.D (-3749) (-)

Ion 267.80 (267.50 to 267.80): VN054459.D (-3749) (-)

Ion 268.50 (268.20 to 268.50): VN054459.D (-3749) (-)

Ion 269.20 (268.90 to 269.20): VN054459.D (-3749) (-)

Ion 269.90 (269.60 to 269.90): VN054459.D (-3749) (-)

Ion 270.60 (270.30 to 270.60): VN054459.D (-3749) (-)

Ion 271.30 (271.00 to 271.30): VN054459.D (-3749) (-)

Ion 272.00 (271.70 to 272.00): VN054459.D (-3749) (-)

Ion 272.70 (272.40 to 272.70): VN054459.D (-3749) (-)

Ion 273.40 (273.10 to 273.40): VN054459.D (-3749) (-)

Ion 274.10 (273.80 to 274.10): VN054459.D (-3749) (-)

Ion 274.80 (274.50 to 274.80): VN054459.D (-3749) (-)

Ion 275.50 (275.20 to 275.50): VN054459.D (-3749) (-)

Ion 276.20 (275.90 to 276.20): VN054459.D (-3749) (-)

Ion 276.90 (276.60 to 276.90): VN054459.D (-3749) (-)

Ion 277.60 (277.30 to 277.60): VN054459.D (-3749) (-)

Ion 278.30 (278.00 to 278.30): VN054459.D (-3749) (-)

Ion 279.00 (278.70 to 279.00): VN054459.D (-3749) (-)

Ion 279.70 (279.40 to 279.70): VN054459.D (-3749) (-)

Ion 280.40 (280.10 to 280.40): VN054459.D (-3749) (-)

Ion 281.10 (280.80 to 281.10): VN054459.D (-3749) (-)

Ion 281.80 (281.50 to 281.80): VN054459.D (-3749) (-)

Ion 282.50 (282.20 to 282.50): VN054459.D (-3749) (-)

Ion 283.20 (282.90 to 283.20): VN054459.D (-3749) (-)

Ion 283.90 (283.60 to 283.90): VN054459.D (-3749) (-)

Ion 284.60 (284.30 to 284.60): VN054459.D (-3749) (-)

Ion 285.30 (285.00 to 285.30): VN054459.D (-3749) (-)

Ion 286.00 (285.70 to 286.00): VN054459.D (-3749) (-)

Ion 286.70 (286.40 to 286.70): VN054459.D (-3749) (-)

Ion 287.40 (287.10 to 287.40): VN054459.D (-3749) (-)

Ion 288.10 (287.80 to 288.10): VN054459.D (-3749) (-)

Ion 288.80 (288.50 to 288.80): VN054459.D (-3749) (-)

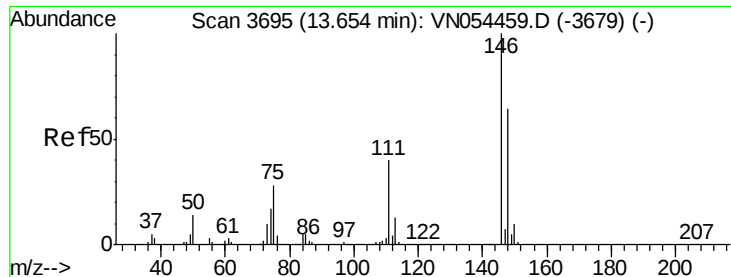
Ion 289.50 (289.20 to 289.50): VN054459.D (-3749) (-)

Ion 290.20 (289.90 to 290.20): VN054459.D (-3749) (-)

Ion 290.90 (290.60 to 290.90): VN054459.D (-3749) (-)

Ion 291.60 (291.30 to 291.60): VN054459.D (-3749) (-)

Ion 292.30 (292.00 to



#91

1,2-Dichlorobenzene

Concen: 20.440 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBSD01

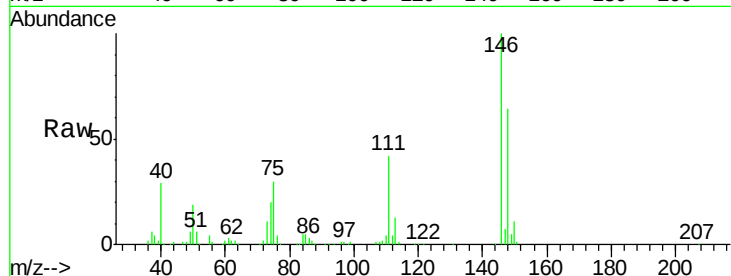
Tot Ion:146 Resp: 164320

Ion Ratio Lower Upper

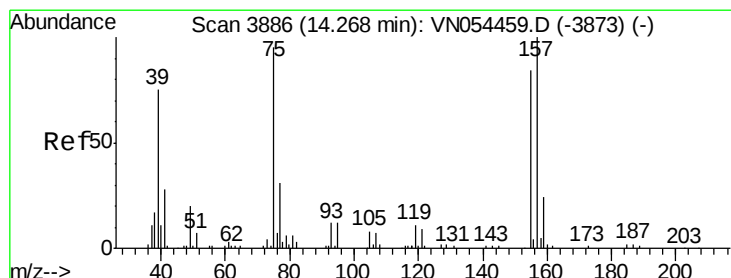
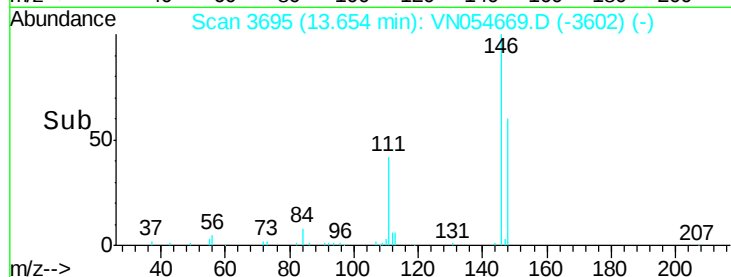
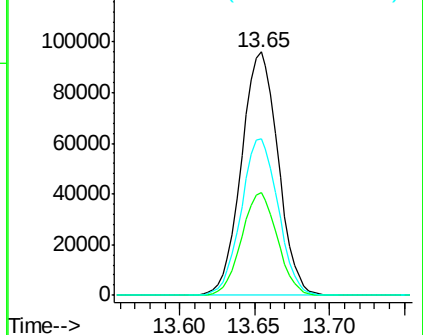
146 100

111 41.2 19.1 57.3

148 64.7 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.263 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

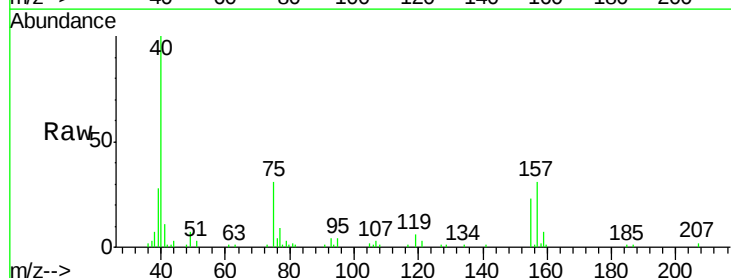
Tgt Ion: 75 Resp: 15053

Ion Ratio Lower Upper

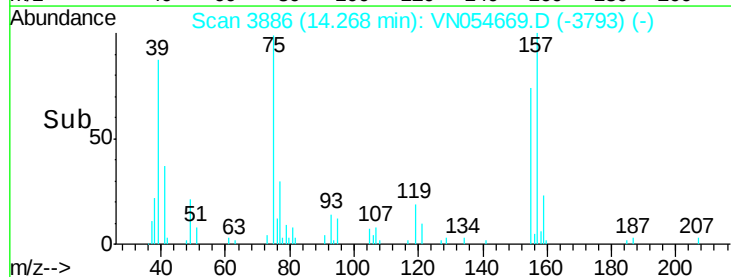
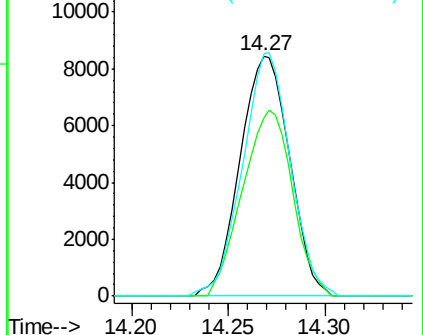
75 100

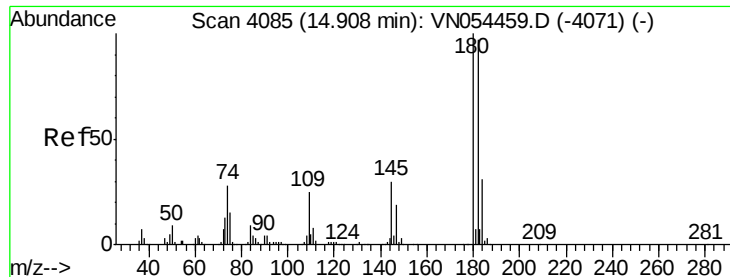
155 78.0 50.1 150.3

157 97.8 63.1 189.3



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

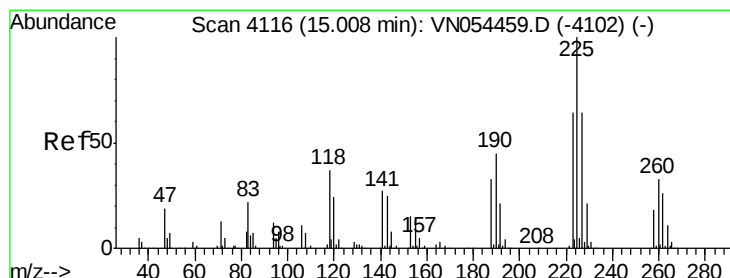
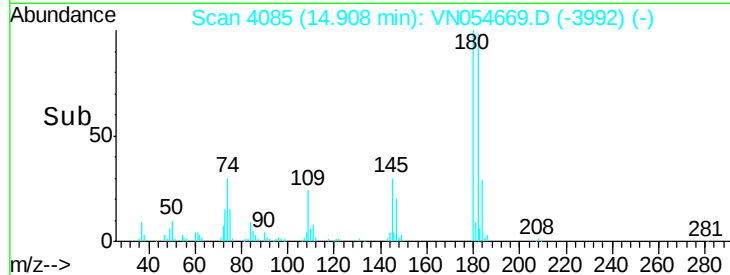
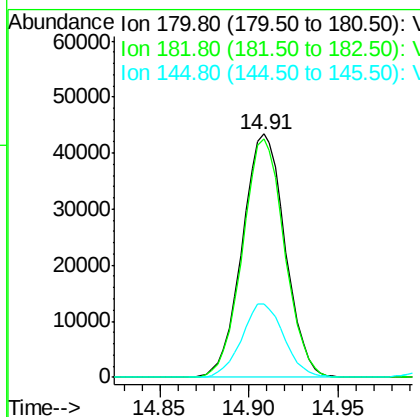
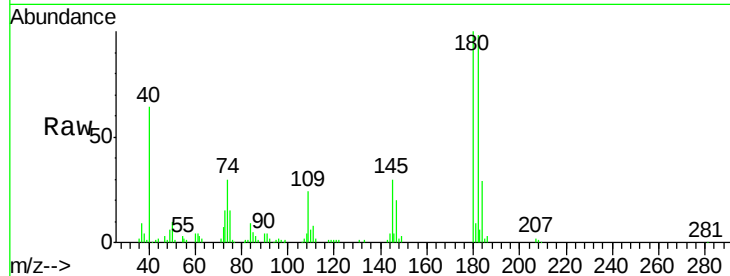




#93
 1,2,4-Trichlorobenzene
 Concen: 18.127 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN054669.D
 Acq: 25 Mar 2019 13:40

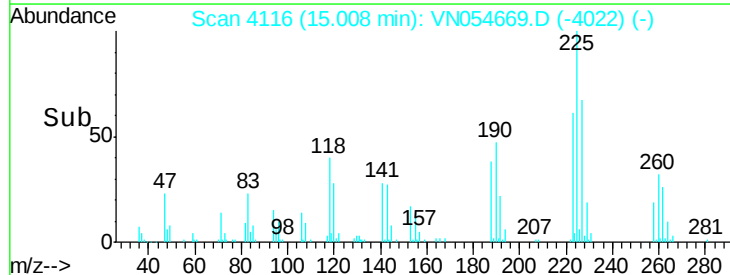
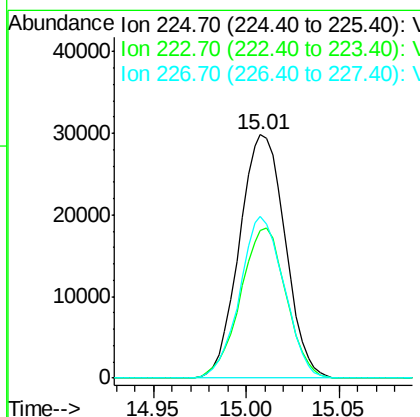
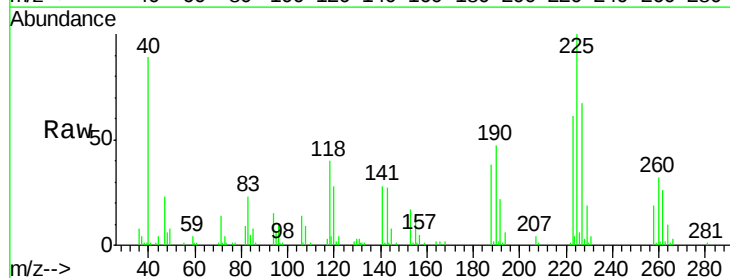
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBSD01

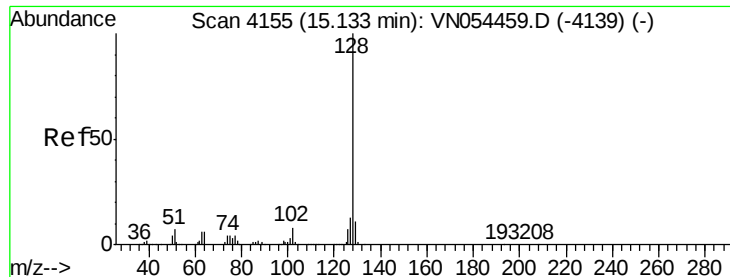
Tot Ion:180 Resp: 72644
 Ion Ratio Lower Upper
 180 100
 182 96.0 48.0 144.2
 145 29.8 14.2 42.8



#94
 Hexachlorobutadiene
 Concen: 21.258 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN054669.D
 Acq: 25 Mar 2019 13:40

Tgt Ion:225 Resp: 51074
 Ion Ratio Lower Upper
 225 100
 223 61.3 31.1 93.5
 227 64.1 31.9 95.9





#95

Naphthalene

Concen: 19.158 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

Instrument :

MSVOA_N

ClientSampled :

VN0325WBSD01

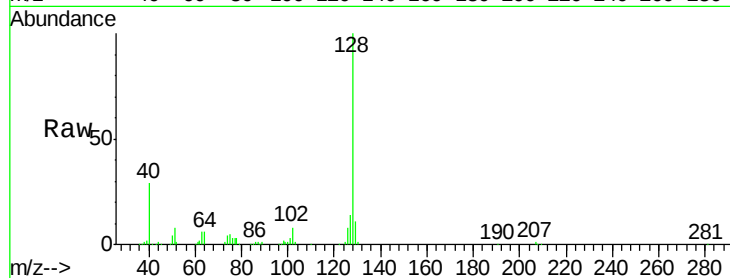
Tot Ion:128 Resp: 171256

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

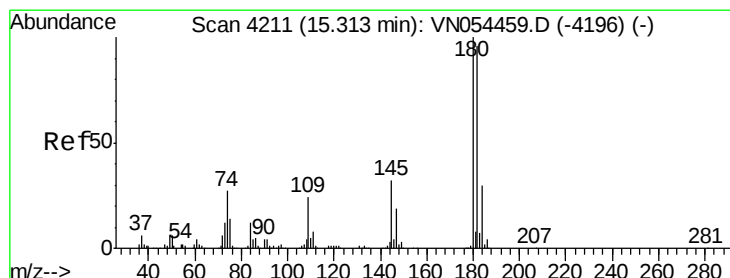
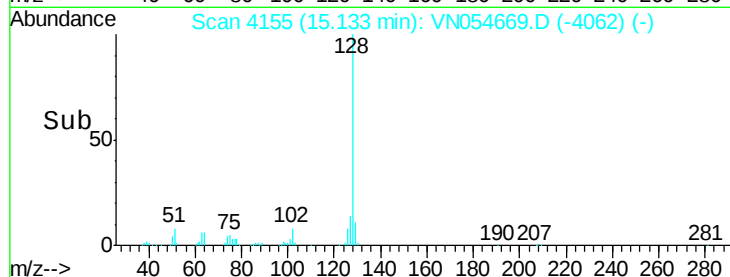
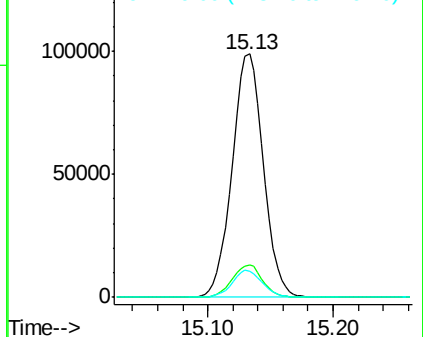
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.767 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN054669.D

Acq: 25 Mar 2019 13:40

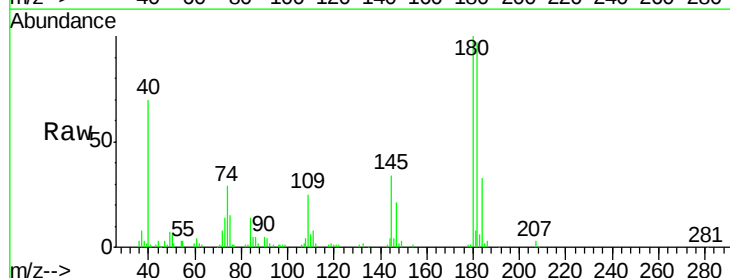
Tgt Ion:180 Resp: 74853

Ion Ratio Lower Upper

180 100

182 94.6 47.5 142.6

145 30.5 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

