

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090618\
 Data File : VN051032.D
 Acq On : 6 Sep 2018 13:49
 Operator : MD\SY
 Sample : VN0906WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBSD01

Quant Time: Sep 07 00:54:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 29 01:38:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	121420	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	577564	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	512645	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	230348	29.73	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.10%
60) 4-Bromofluorobenzene	12.40	95	231198	30.33	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.10%
63) Toluene-d8	10.09	98	717770	30.02	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.07%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.85	85	105234	13.96	ug/l	98
3) Chloromethane	2.06	50	133423	14.98	ug/l	97
4) Vinyl Chloride	2.18	62	127234	14.46	ug/l	100
5) Bromomethane	2.56	94	98298	18.33	ug/l	99
6) Chloroethane	2.69	64	81122	15.63	ug/l	95
7) Trichlorofluoromethane	3.01	101	177996	15.26	ug/l	99
8) Diethyl Ether	3.41	74	82289	20.01	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	115973	16.06	ug/l	99
10) 1,1-Dichloroethene	3.73	96	100563	15.33	ug/l	97
11) Methyl Iodide	3.95	142	86893	14.19	ug/l	98
12) Methyl Acetate	4.33	43	199417	26.29	ug/l	99
13) Acrolein	3.61	56	39134	232.95	ug/l	99
14) Acrylonitrile	5.00	53	269052	104.89	ug/l	97
15) Acetone	3.82	58	72236	110.05	ug/l	89
16) Carbon Disulfide	4.05	76	266580	13.51	ug/l	100
17) Allyl chloride	4.32	41	169204	16.39	ug/l	98
18) Methylene Chloride	4.55	84	138205	17.95	ug/l	99
19) trans-1,2-Dichloroethene	5.04	96	113170	16.19	ug/l	96
20) Diisopropyl ether	5.96	45	404538	18.88	ug/l	99
21) 1,1-Dichloroethane	5.85	63	226629	17.25	ug/l	100
22) cis-1,2-Dichloroethene	6.83	96	136119	17.24	ug/l	99
23) tert-Butyl Alcohol	4.80	59	66583	122.06	ug/l #	100
24) Methyl tert-Butyl Ether	5.05	73	367240	20.47	ug/l #	81
25) Chloroform	7.37	83	237513	18.11	ug/l	100
26) Cyclohexane	7.65	56	155361	14.27	ug/l #	99
29) 1,1-Dichloropropene	7.79	75	149082	17.24	ug/l	97
30) 2-Butanone	6.84	43	309059	116.19	ug/l	98
31) 2,2-Dichloropropane	6.83	77	160892	19.12	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	182043	18.57	ug/l	99
33) Carbon Tetrachloride	7.77	117	152453	17.27	ug/l	98
34) Benzene	8.04	78	510068	19.07	ug/l	99
35) Methacrylonitrile	7.18	41	57230	19.64	ug/l	98
36) 1,2-Dichloroethane	8.13	62	175646	21.71	ug/l	99
37) Trichloroethene	8.84	130	128327	18.35	ug/l	98
38) Methylcyclohexane	9.08	83	147480	15.88	ug/l	99
39) 1,2-Dichloropropane	9.12	63	145028	20.76	ug/l	96
40) Dibromomethane	9.21	93	92996	22.10	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090618\
 Data File : VN051032.D
 Acq On : 6 Sep 2018 13:49
 Operator : MD\SY
 Sample : VN0906WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBSD01

Quant Time: Sep 07 00:54:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 29 01:38:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	182661	20.59	ug/l	99
42) Vinyl Acetate	5.90	43	1277518	104.27	ug/l	100
43) Ethyl Acetate	6.93	43	130840	24.01	ug/l	99
44) Isopropyl Acetate	8.17	43	236996	24.65	ug/l	100
45) 1,4-Dioxane	9.21	88	35784	500.98	ug/l	96
46) Methyl methacrylate	9.20	41	112887	23.44	ug/l	96
47) n-amyl Acetate	12.07	43	187980	24.32	ug/l	98
48) t-1,3-Dichloropropene	10.38	75	178598	20.54	ug/l	99
49) cis-1,3-Dichloropropene	9.84	75	205920	20.61	ug/l	98
50) 1,1,2-Trichloroethane	10.56	97	137037	22.41	ug/l	99
51) Ethyl methacrylate	10.43	69	164031	21.93	ug/l	99
52) 1,3-Dichloropropane	10.71	76	219561	21.68	ug/l	99
53) Dibromochloromethane	10.90	129	147013	21.14	ug/l	99
54) 1,2-Dibromoethane	11.01	107	130323	21.55	ug/l	97
55) 2-Chloroethyl vinyl ether	9.70	63	297660	95.62	ug/l	99
56) Bromoform	12.13	173	108296	21.90	ug/l	98
58) 4-Methyl-2-Pentanone	9.99	43	723563	123.36	ug/l	99
59) 2-Hexanone	10.75	43	472556	123.26	ug/l	100
61) Tetrachloroethene	10.63	164	115997	18.16	ug/l	99
62) Toluene	10.16	91	536871	18.77	ug/l	99
64) Chlorobenzene	11.44	112	336575	18.99	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.51	131	136598	20.41	ug/l	99
66) Ethyl Benzene	11.51	91	519558	17.54	ug/l	99
67) m/p-Xylenes	11.62	106	415266	36.43	ug/l	99
68) o-Xylene	11.95	106	203697	18.70	ug/l	99
69) Styrene	11.97	104	328009	18.94	ug/l	100
70) Isopropylbenzene	12.25	105	529165	18.28	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.51	83	179642	22.93	ug/l	99
72) 1,2,3-Trichloropropane	12.55	75	208575	30.85	ug/l	85
73) Bromobenzene	12.53	156	150100	19.71	ug/l	98
74) n-propylbenzene	12.59	91	581097	17.76	ug/l	99
75) 2-Chlorotoluene	12.68	91	370793	18.65	ug/l	98
76) 1,3,5-Trimethylbenzene	12.73	105	432319	18.28	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	44357	23.03	ug/l	98
78) 4-Chlorotoluene	12.77	91	362982	18.55	ug/l	99
79) tert-butylbenzene	12.99	119	356206	17.34	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	442848	18.78	ug/l	99
81) sec-Butylbenzene	13.17	105	481249	17.91	ug/l	99
82) p-Isopropyltoluene	13.29	119	417139	17.98	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	244496	18.99	ug/l	100
84) 1,4-Dichlorobenzene	13.36	146	229393	18.81	ug/l	99
85) n-Butylbenzene	13.62	91	309172	17.47	ug/l	100
86) Hexachloroethane	13.88	117	79379	17.83	ug/l	97
87) 1,2-Dichlorobenzene	13.65	146	245565	19.38	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	25758	23.50	ug/l	92
89) 1,2,4-Trichlorobenzene	14.91	180	90334	16.01	ug/l	100
90) Hexachlorobutadiene	15.01	225	70088	18.29	ug/l	98
91) Naphthalene	15.14	128	190726	19.39	ug/l	100
92) 1,2,3-Trichlorobenzene	15.32	180	88988	15.72	ug/l	97

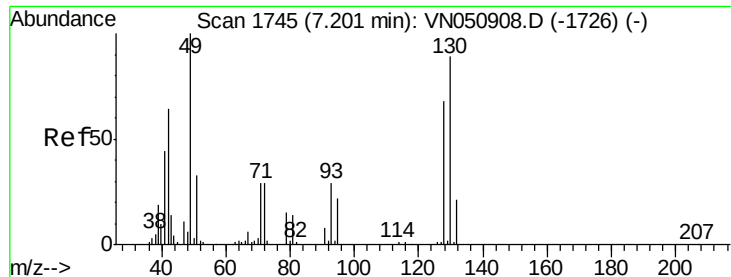
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090618\
Data File : VN051032.D
Acq On : 6 Sep 2018 13:49
Operator : MD\SY
Sample : VN0906WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0906WBSD01

Quant Time: Sep 07 00:54:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 29 01:38:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN051032.D

Acq: 6 Sep 2018 13:49

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBSD01

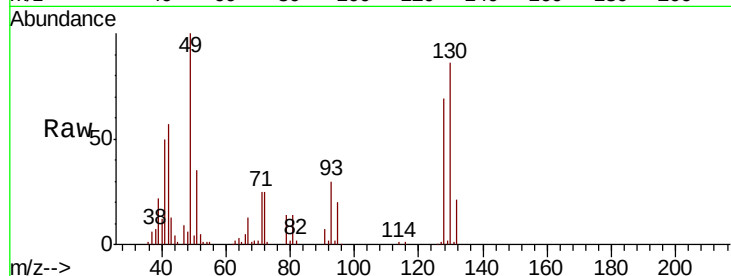
Tot Ion:128 Resp: 121420

Ion Ratio Lower Upper

128 100

49 148.3 0.0 380.3

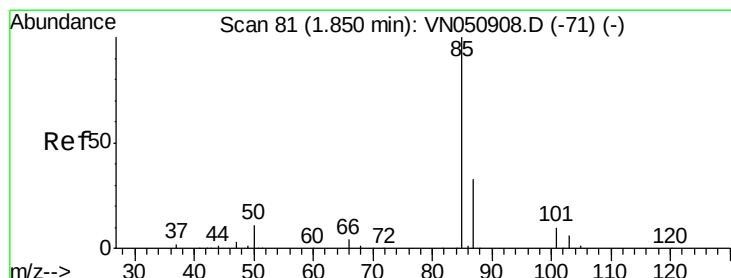
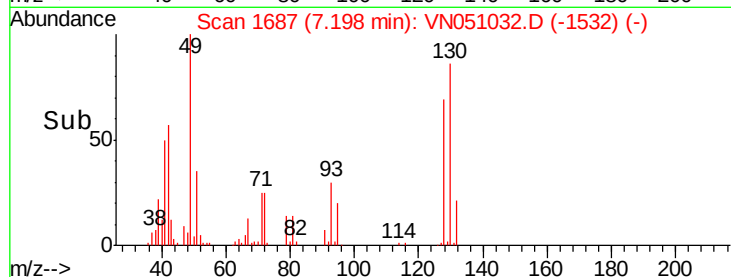
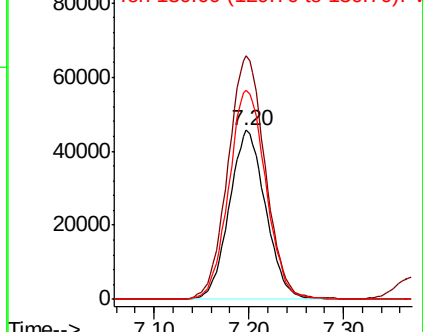
130 126.6 0.0 325.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 13.96 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN051032.D

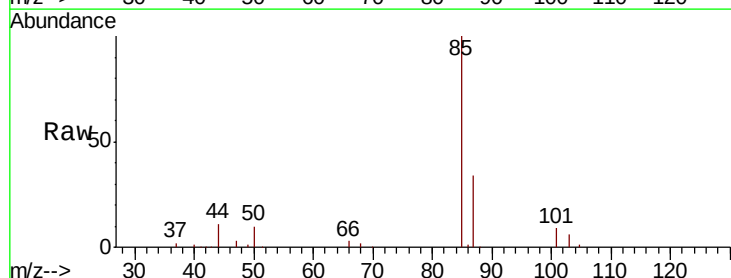
Acq: 6 Sep 2018 13:49

Tgt Ion: 85 Resp: 105234

Ion Ratio Lower Upper

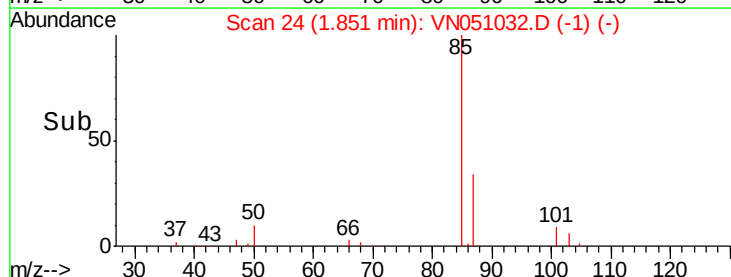
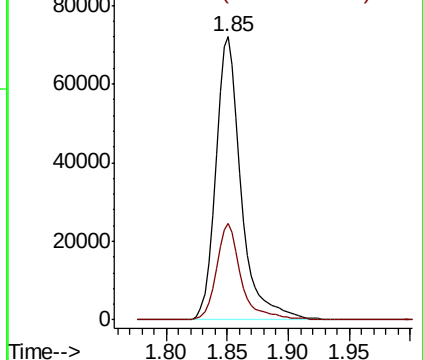
85 100

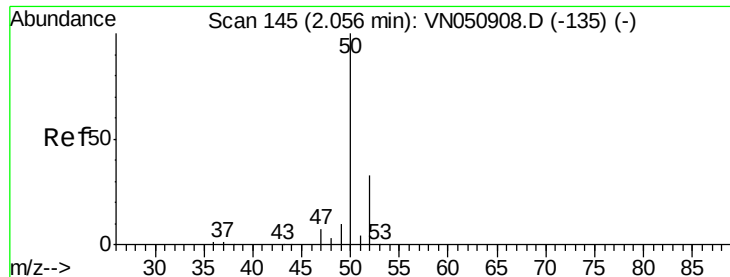
87 33.9 16.4 49.1



Abundance Ion 85.00 (84.70 to 85.70): VN

Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 14.98 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN051032.D

Acq: 6 Sep 2018 13:49

Instrument :

MSVOA_N

ClientSampled :

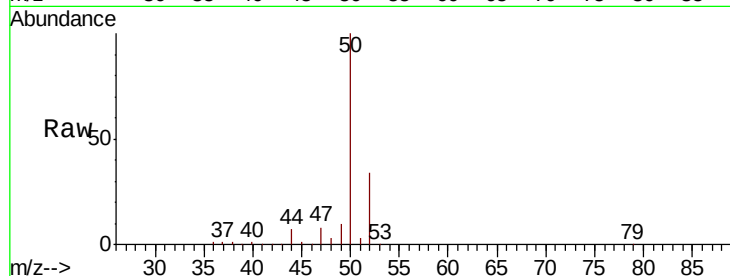
VN0906WBSD01

Tot Ion: 50 Resp: 133423

Ion Ratio Lower Upper

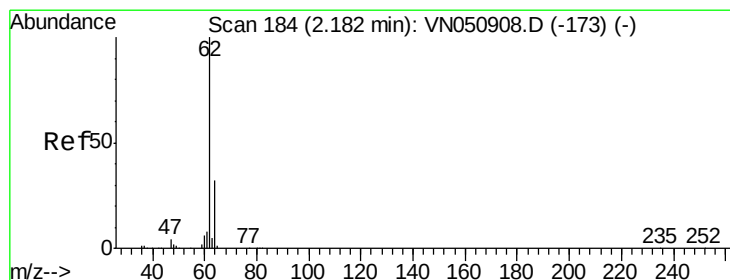
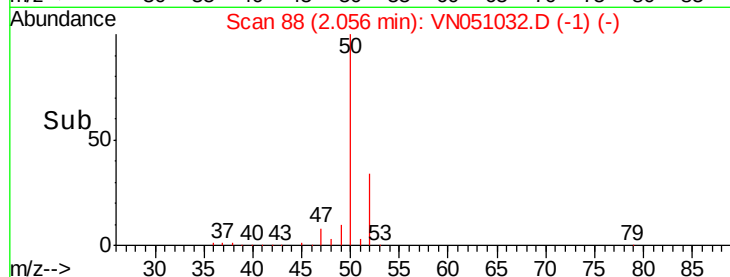
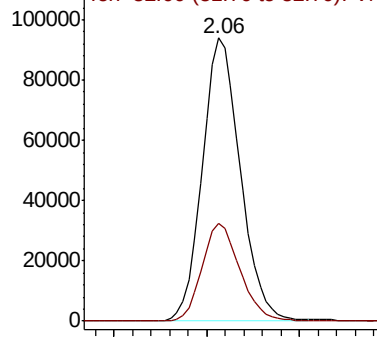
50 100

52 34.5 26.2 39.4



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 14.46 ug/l

RT: 2.18 min Scan# 126

Delta R.T. -0.00 min

Lab File: VN051032.D

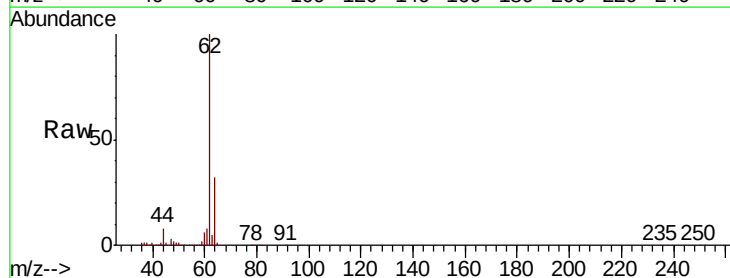
Acq: 6 Sep 2018 13:49

Tgt Ion: 62 Resp: 127234

Ion Ratio Lower Upper

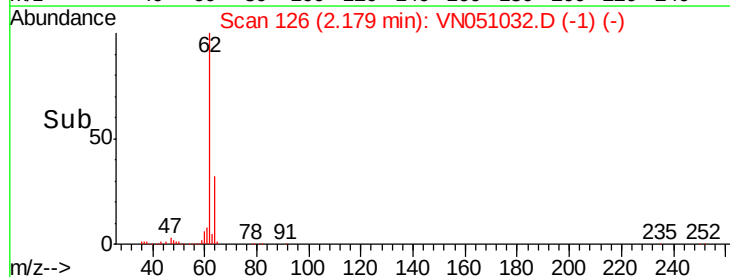
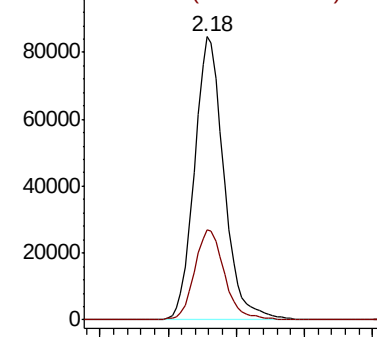
62 100

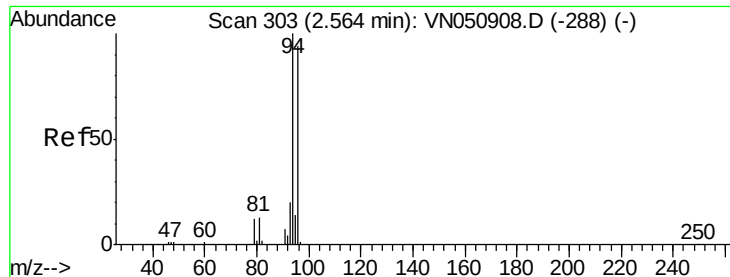
64 31.8 25.4 38.0



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 18.33 ug/l

RT: 2.56 min Scan# 244

Delta R.T. -0.01 min

Lab File: VN051032.D

Acq: 6 Sep 2018 13:49

Instrument :

MSVOA_N

ClientSampleId :

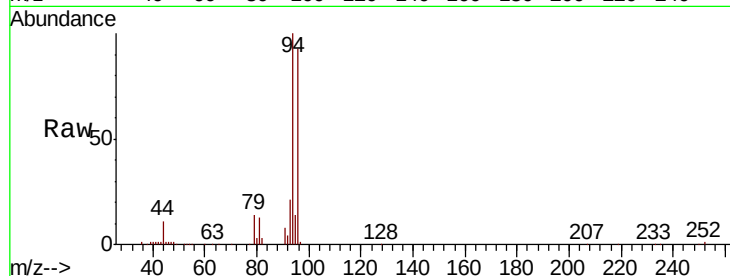
VN0906WBSD01

Tot Ion: 94 Resp: 98298

Ion Ratio Lower Upper

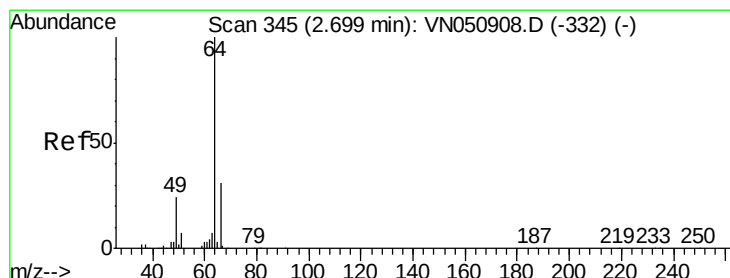
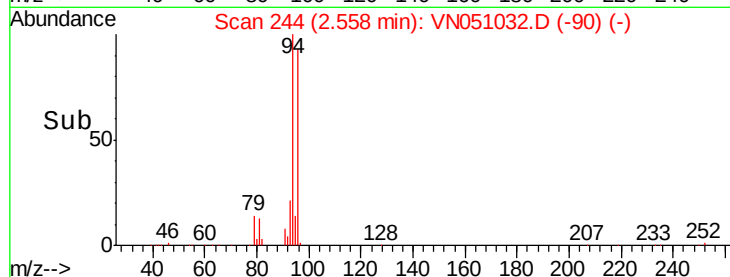
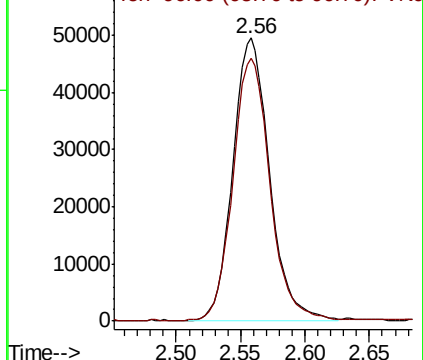
94 100

96 92.3 74.9 112.3



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 15.63 ug/l

RT: 2.69 min Scan# 286

Delta R.T. -0.01 min

Lab File: VN051032.D

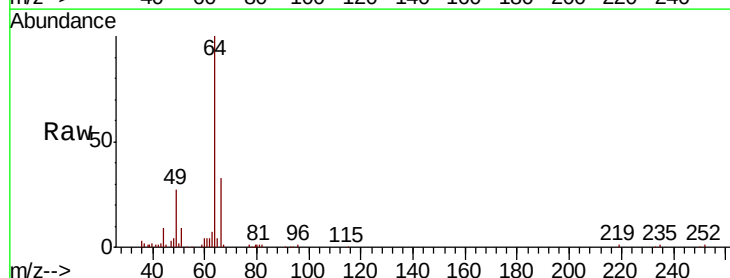
Acq: 6 Sep 2018 13:49

Tgt Ion: 64 Resp: 81122

Ion Ratio Lower Upper

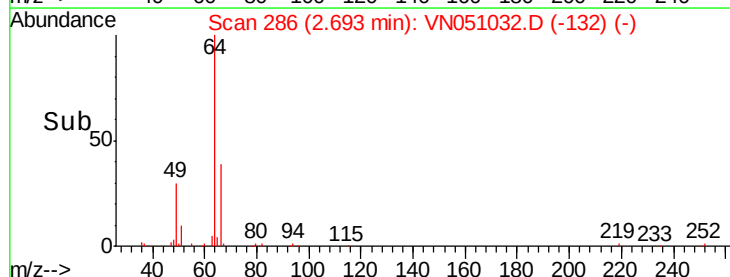
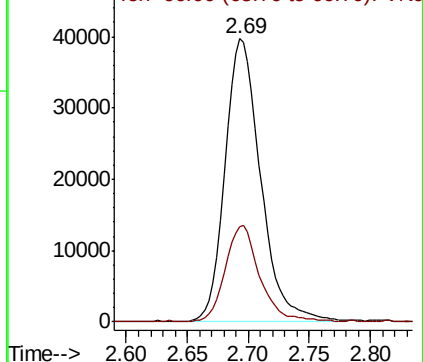
64 100

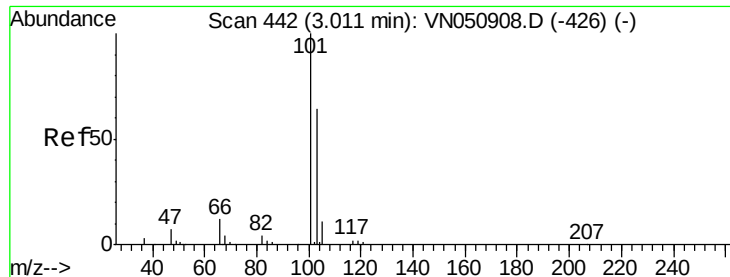
66 33.5 24.5 36.7



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0



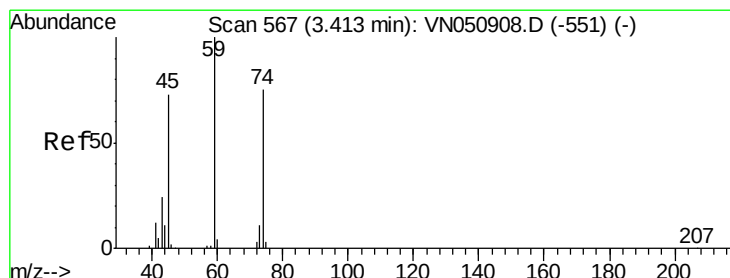
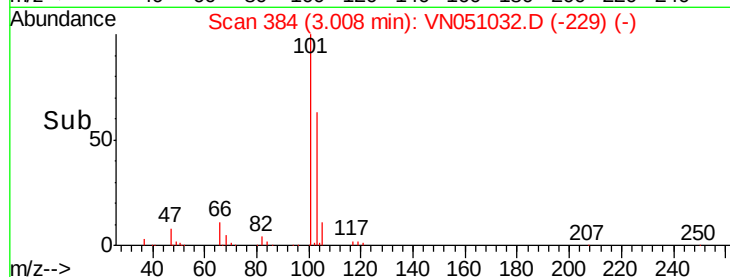
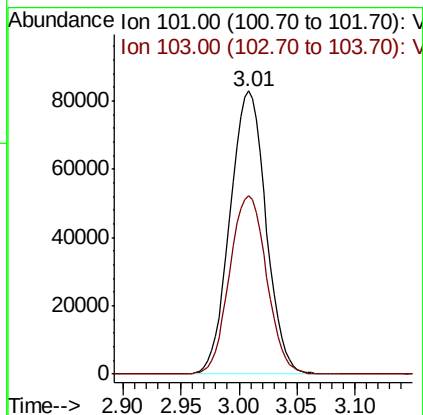
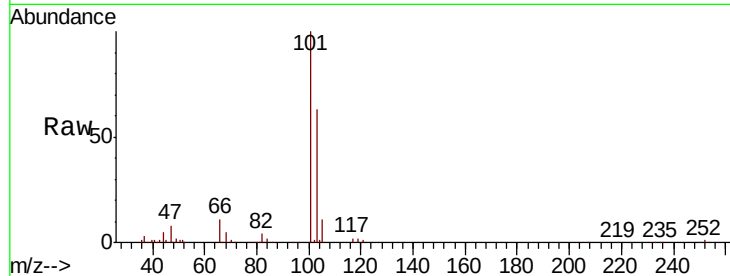


#7

Trichlorofluoromethane
 Concen: 15.26 ug/l
 RT: 3.01 min Scan# 384
 Delta R.T. -0.00 min
 Lab File: VN051032.D
 Acq: 6 Sep 2018 13:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBSD01

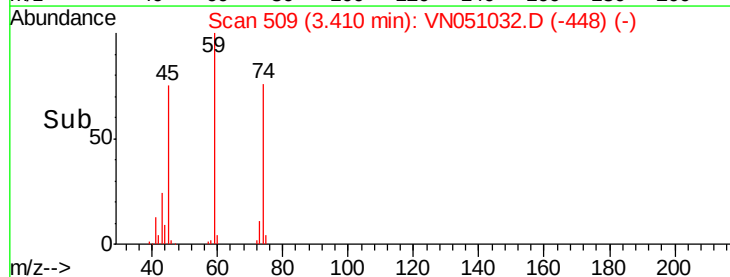
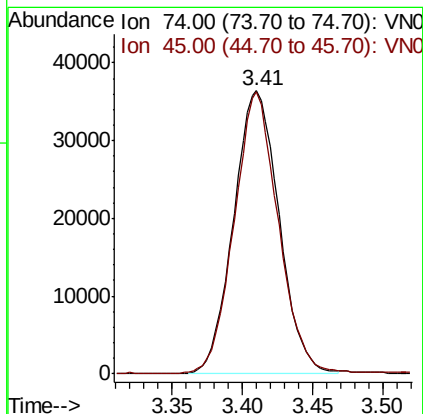
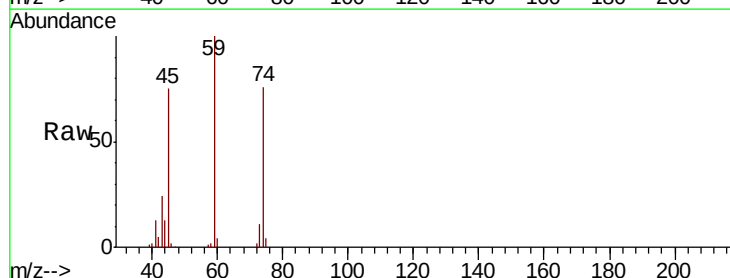
Tot Ion:101 Resp: 177996
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.3 76.9

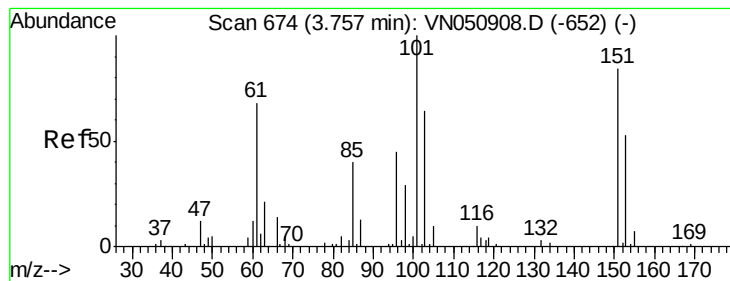


#8

Diethyl Ether
 Concen: 20.01 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN051032.D
 Acq: 6 Sep 2018 13:49

Tgt Ion: 74 Resp: 82289
 Ion Ratio Lower Upper
 74 100
 45 96.7 19.7 177.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.06 ug/l

RT: 3.75 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN051032.D

Acq: 6 Sep 2018 13:49

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBSD01

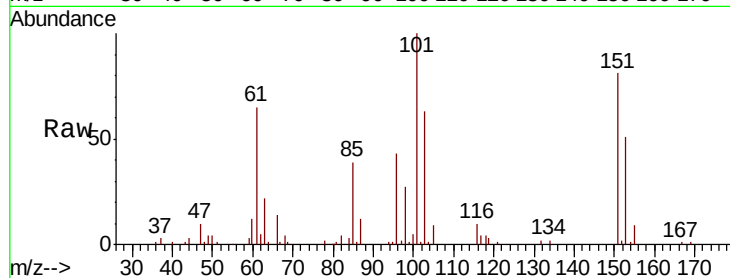
Tot Ion:101 Resp: 115973

Ion Ratio Lower Upper

101 100

85 40.9 0.0 83.6

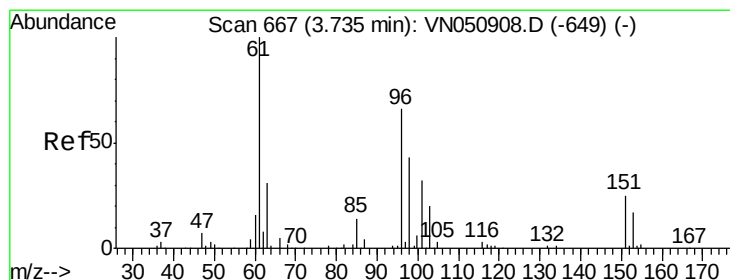
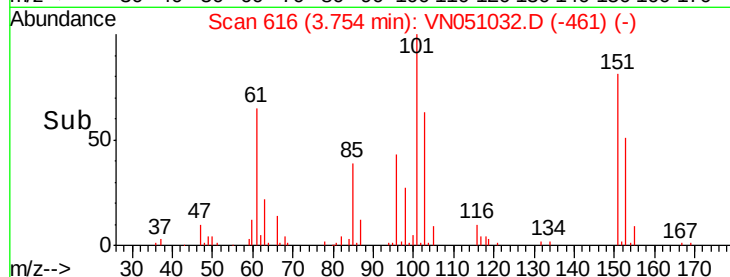
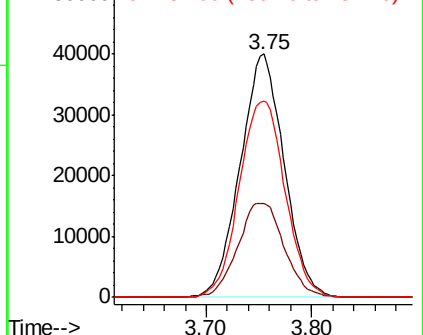
151 84.0 0.0 167.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 15.33 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN051032.D

Acq: 6 Sep 2018 13:49

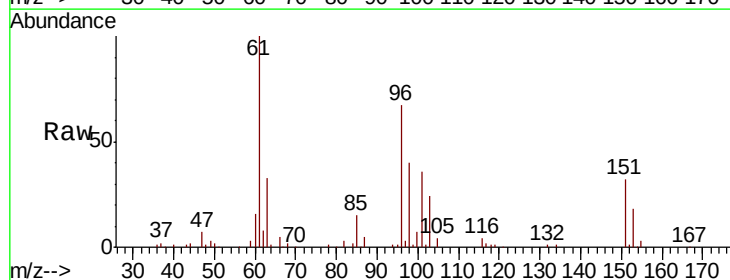
Tgt Ion: 96 Resp: 100563

Ion Ratio Lower Upper

96 100

61 149.8 121.8 182.8

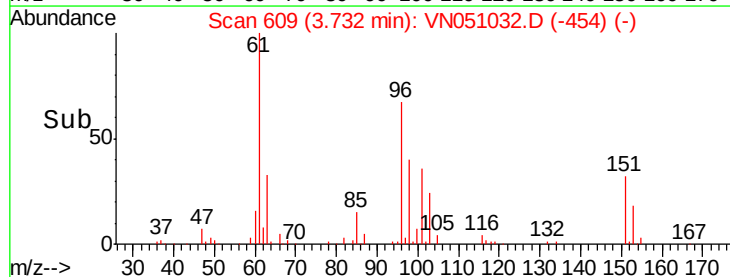
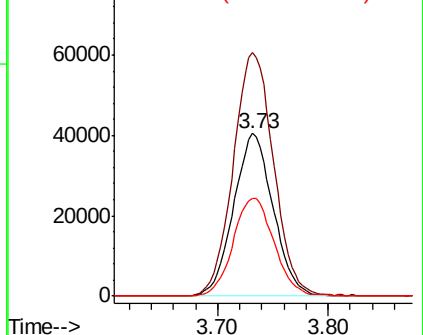
98 60.0 52.3 78.5

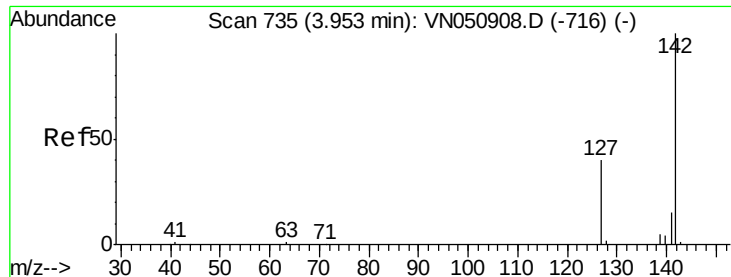


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

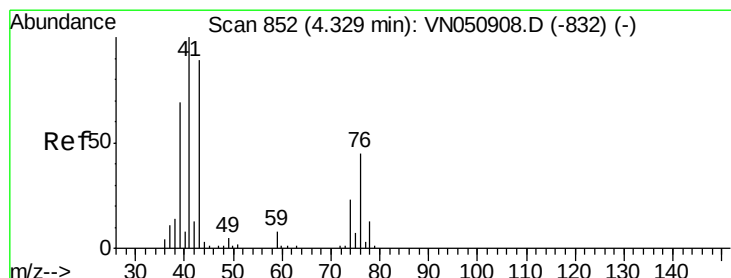
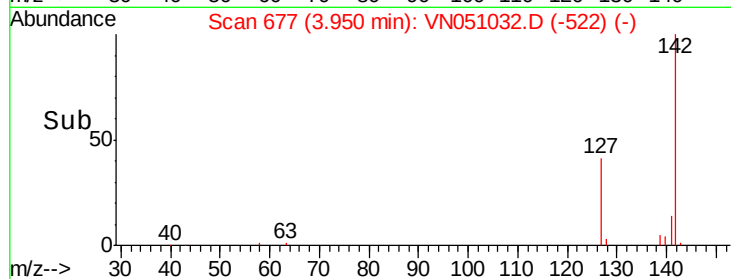
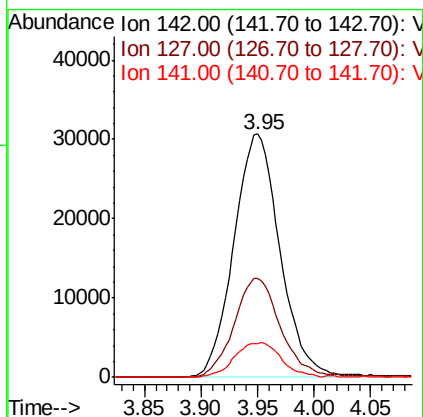
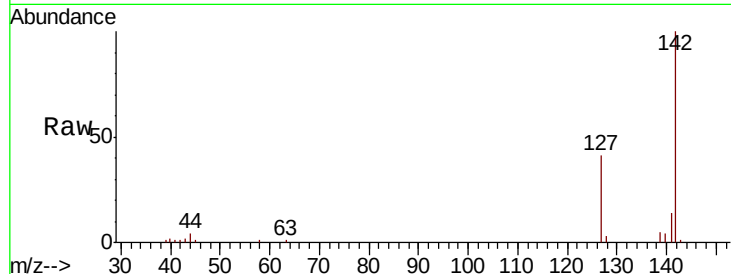




#11
Methvl Iodide
Concen: 14.19 ug/l
RT: 3.95 min Scan# 677
Delta R.T. -0.00 min
Lab File: VN051032.D
Acq: 6 Sep 2018 13:49

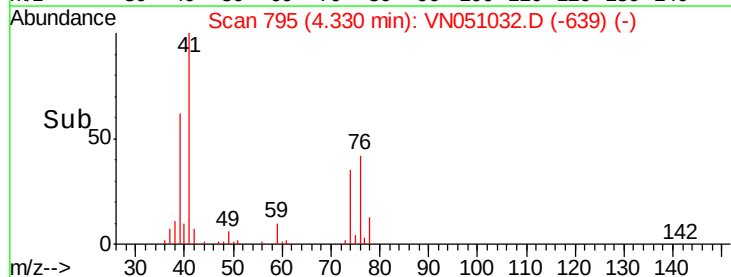
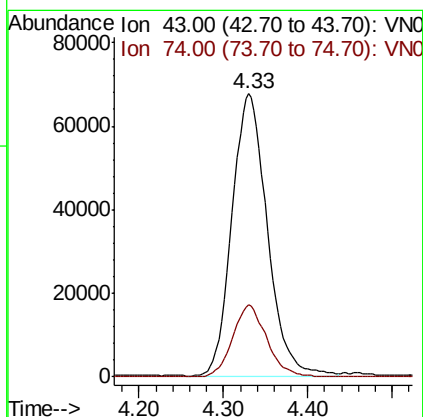
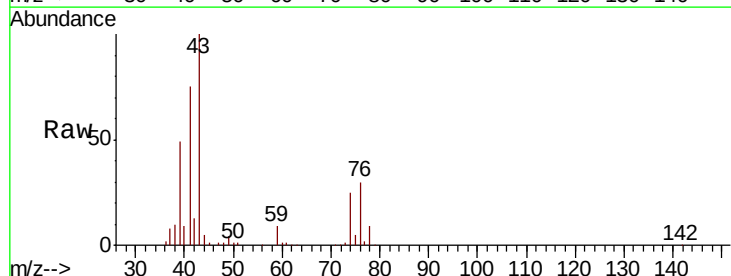
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBSD01

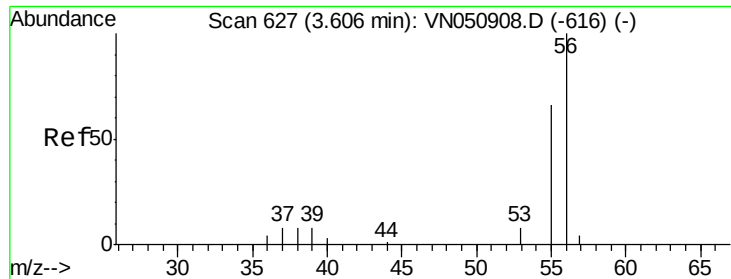
Tot Ion:142 Resp: 86893
Ion Ratio Lower Upper
142 100
127 40.5 19.7 59.1
141 13.5 7.3 22.0



#12
Methyl Acetate
Concen: 26.29 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051032.D
Acq: 6 Sep 2018 13:49

Tgt Ion: 43 Resp: 199417
Ion Ratio Lower Upper
43 100
74 25.5 20.6 31.0





#13

Acrolein

Concen: 232.95 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN051032.D

Acq: 6 Sep 2018 13:49

Instrument :

MSVOA_N

ClientSampleId :

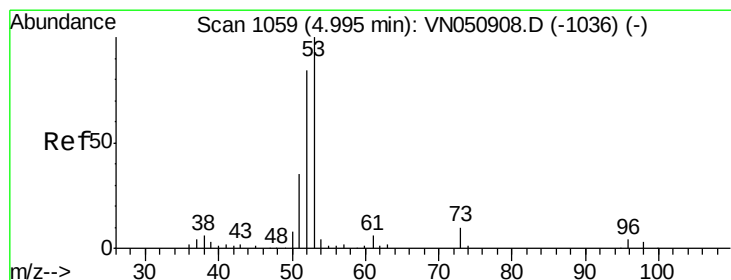
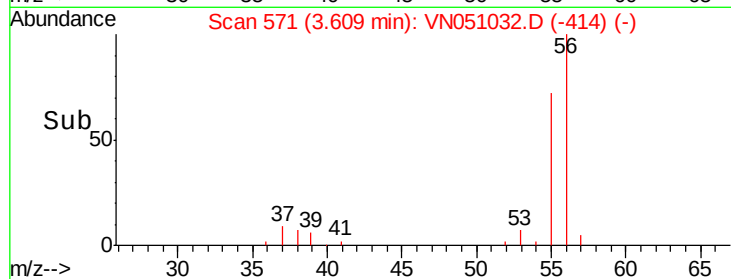
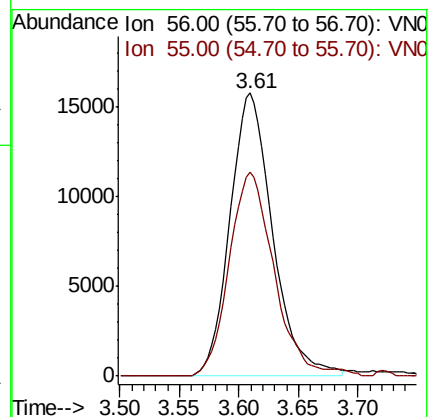
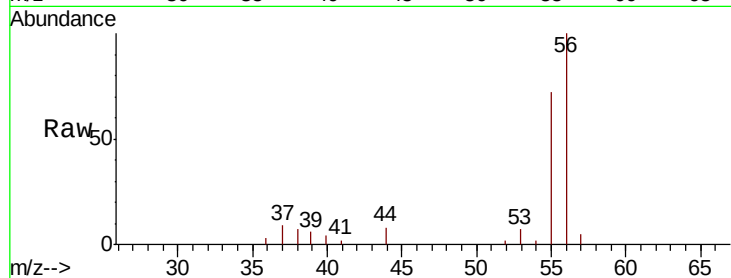
VN0906WBSD01

Tot Ion: 56 Resp: 39134

Ion Ratio Lower Upper

56 100

55 74.9 59.1 88.7



#14

Acrylonitrile

Concen: 104.89 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VN051032.D

Acq: 6 Sep 2018 13:49

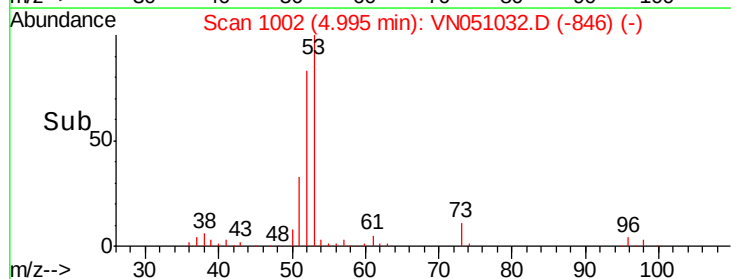
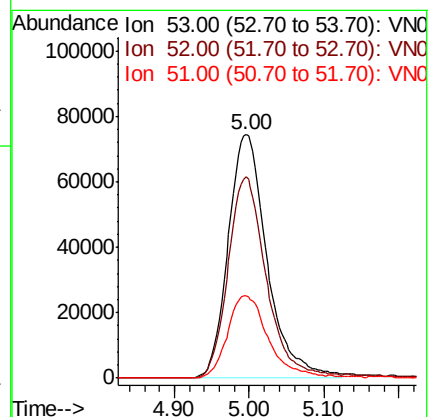
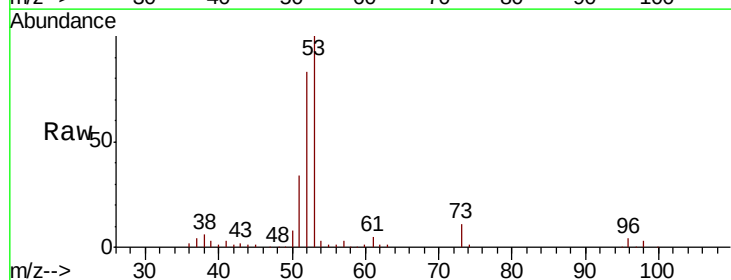
Tgt Ion: 53 Resp: 269052

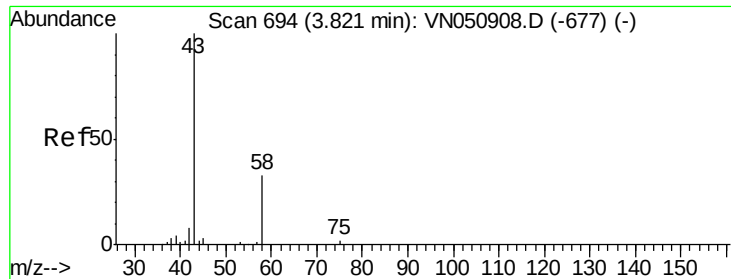
Ion Ratio Lower Upper

53 100

52 80.9 42.2 126.6

51 35.3 17.7 53.1





#15

Acetone

Concen: 110.05 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN051032.D

Acq: 6 Sep 2018 13:49

Instrument :

MSVOA_N

ClientSampleId :

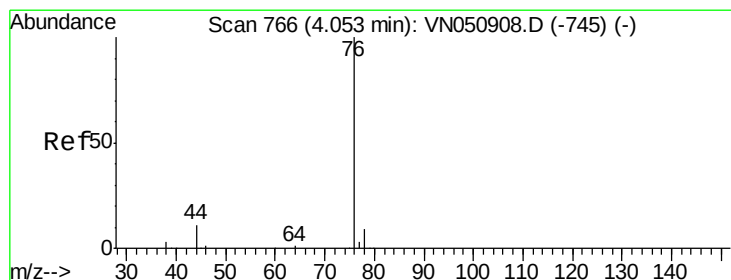
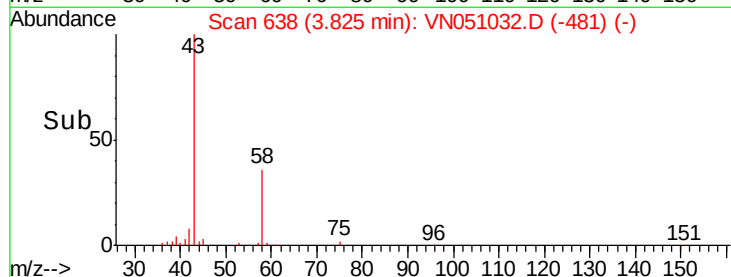
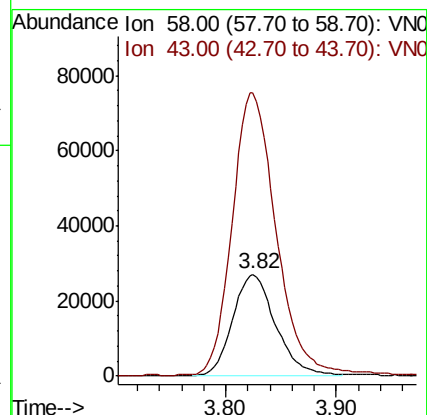
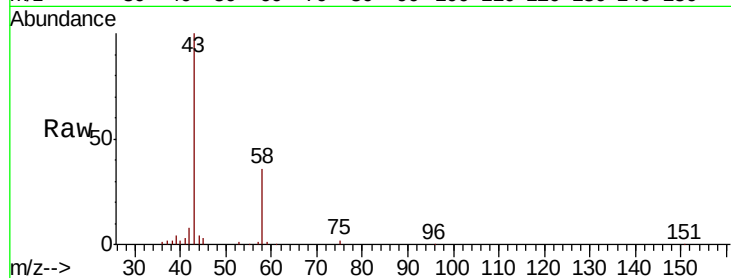
VN0906WBSD01

Tot Ion: 58 Resp: 72236

Ion Ratio Lower Upper

58 100

43 276.9 239.4 359.0



#16

Carbon Disulfide

Concen: 13.51 ug/l

RT: 4.05 min Scan# 708

Delta R.T. -0.00 min

Lab File: VN051032.D

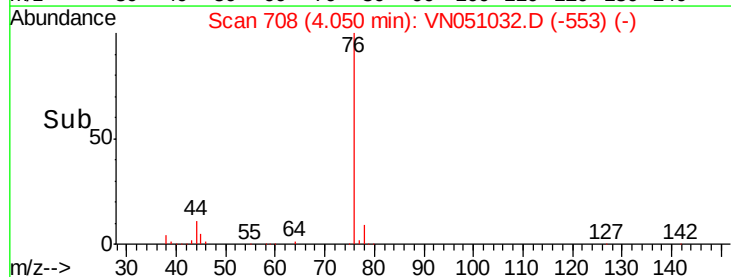
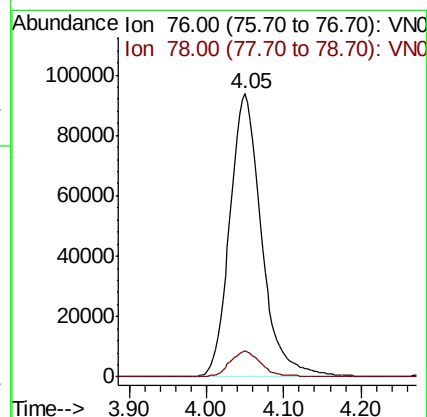
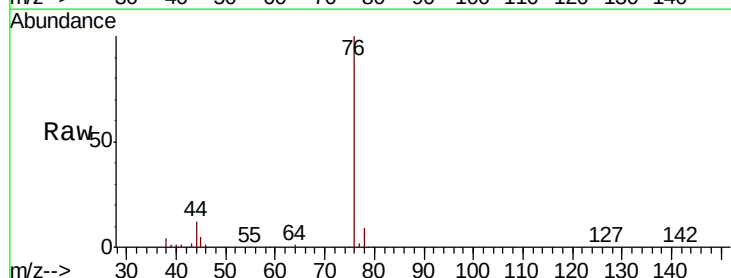
Acq: 6 Sep 2018 13:49

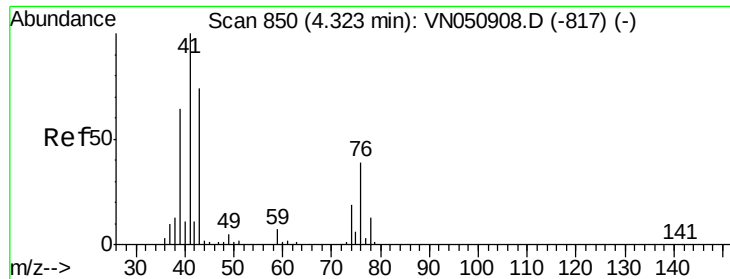
Tgt Ion: 76 Resp: 266580

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9





#17

Allvl chloride

Concen: 16.39 ug/l

RT: 4.32 min Scan# 792

Delta R.T. -0.00 min

Lab File: VN051032.D

Acq: 6 Sep 2018 13:49

Instrument :

MSVOA_N

ClientSampled :

VN0906WBSD01

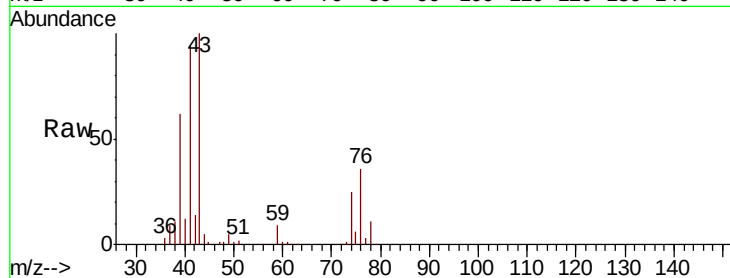
Tot Ion: 41 Resp: 169204

Ion Ratio Lower Upper

41 100

39 65.7 32.2 96.6

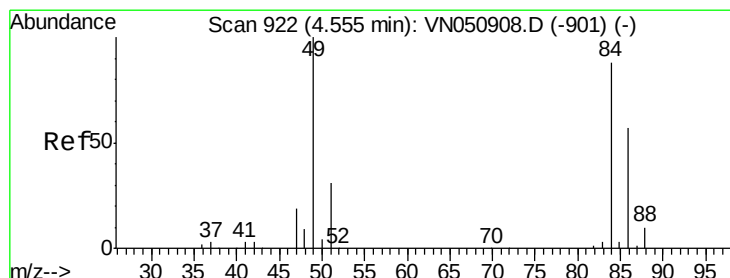
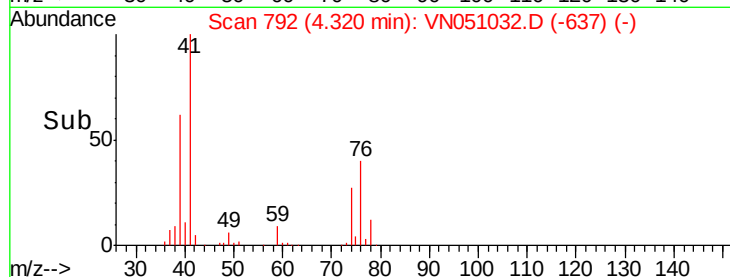
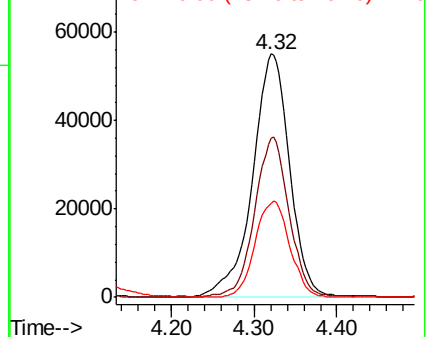
76 38.2 19.6 58.7



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 76.00 (75.70 to 76.70): VN0



#18

Methylene Chloride

Concen: 17.95 ug/l

RT: 4.55 min Scan# 864

Delta R.T. -0.00 min

Lab File: VN051032.D

Acq: 6 Sep 2018 13:49

Tgt Ion: 84 Resp: 138205

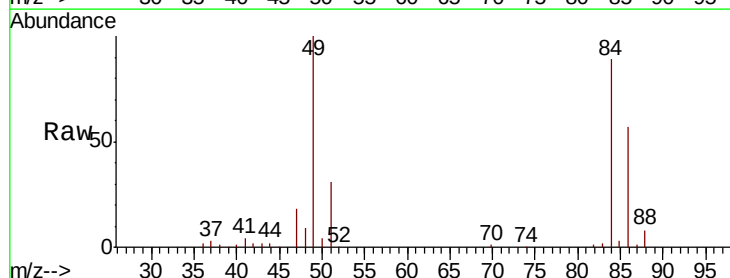
Ion Ratio Lower Upper

84 100

49 111.5 90.6 135.8

51 35.1 28.4 42.6

86 64.2 51.6 77.4

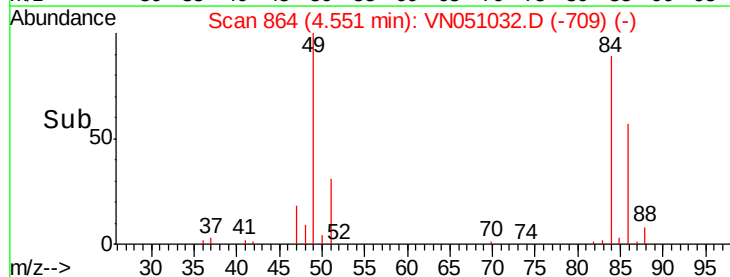
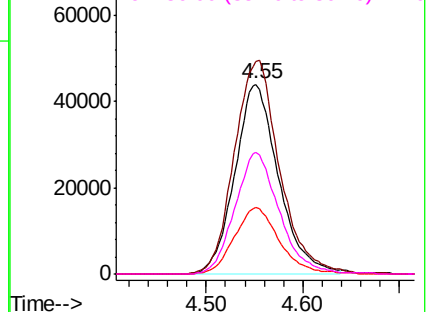


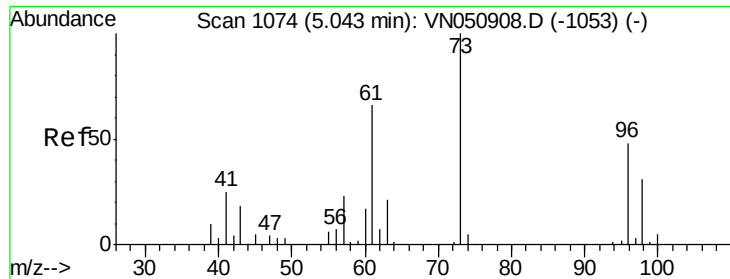
Abundance Ion 84.00 (83.70 to 84.70): VN0

Ion 49.00 (48.70 to 49.70): VN0

Ion 51.00 (50.70 to 51.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

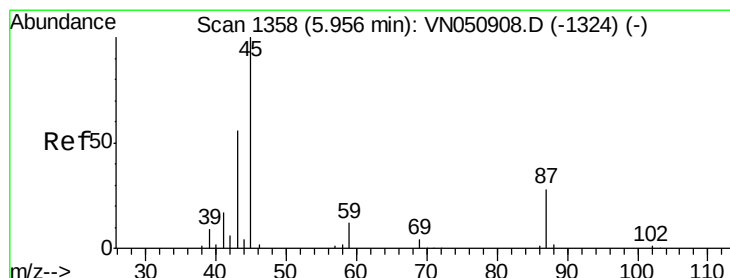
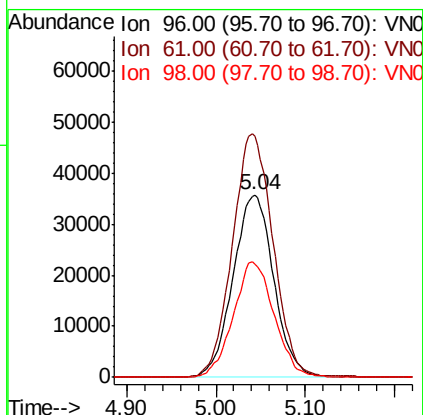
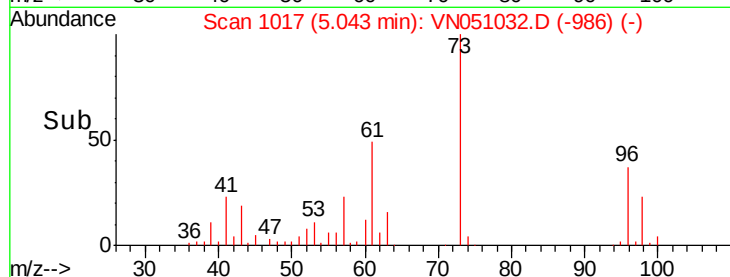
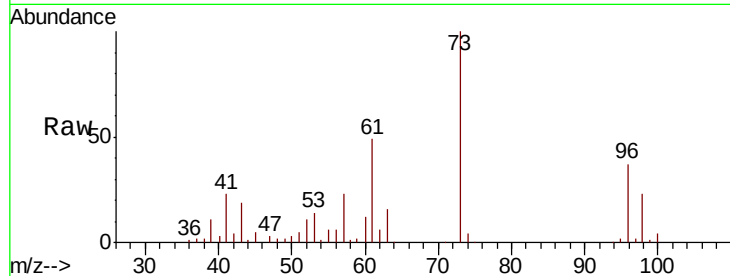




#19
trans-1,2-Dichloroethene
Concen: 16.19 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VN051032.D
Acq: 6 Sep 2018 13:49

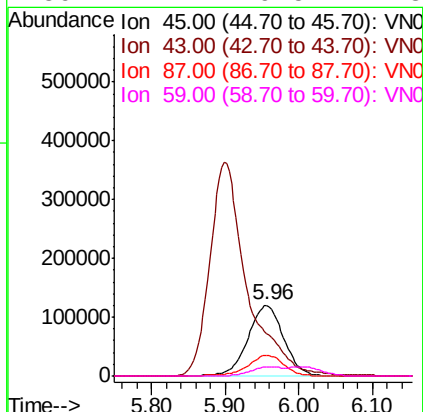
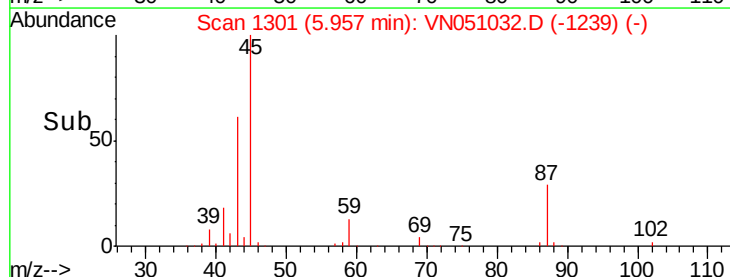
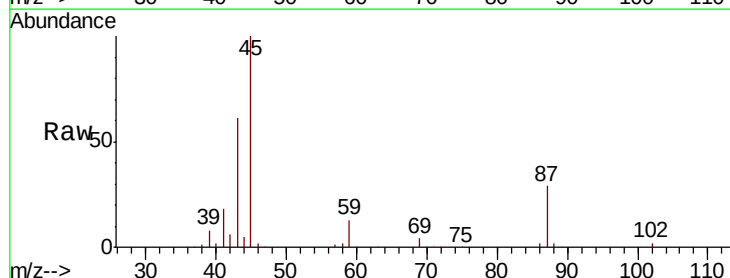
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBSD01

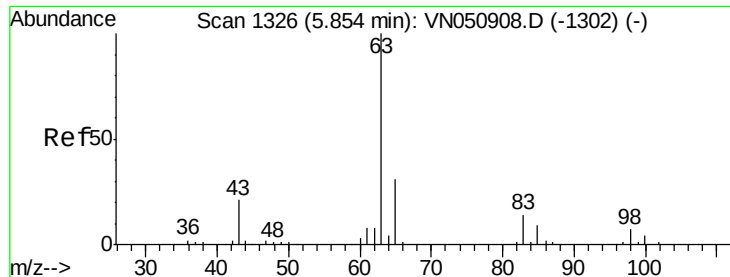
Tot Ion: 96 Resp: 113170
Ion Ratio Lower Upper
96 100
61 131.2 109.5 164.3
98 61.9 51.9 77.9



#20
Diisopropyl ether
Concen: 18.88 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN051032.D
Acq: 6 Sep 2018 13:49

Tgt Ion: 45 Resp: 404538
Ion Ratio Lower Upper
45 100
43 58.3 47.0 70.6
87 29.2 22.8 34.2
59 12.4 9.5 14.3





#21

1,1-Dichloroethane

Concen: 17.25 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN051032.D

Acq: 6 Sep 2018 13:49

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBSD01

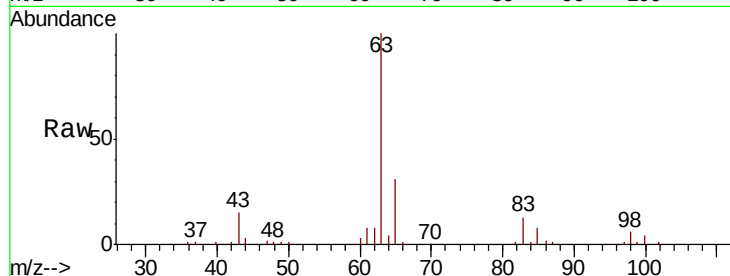
Tot Ion: 63 Resp: 226629

Ion Ratio Lower Upper

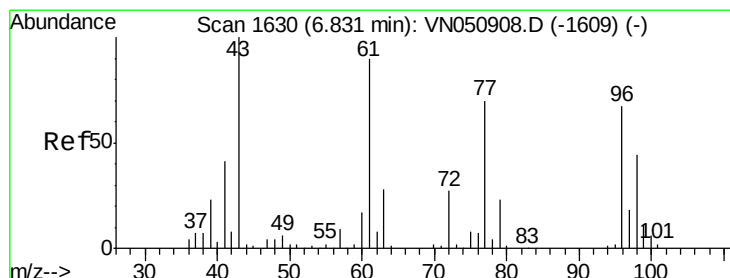
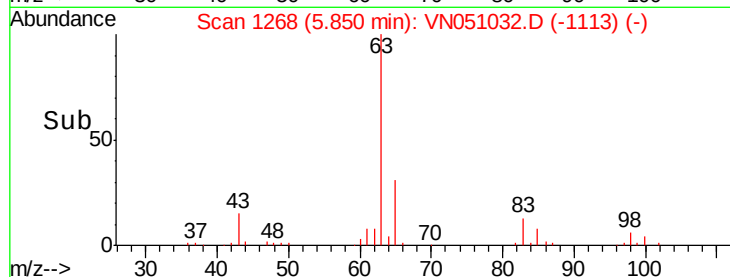
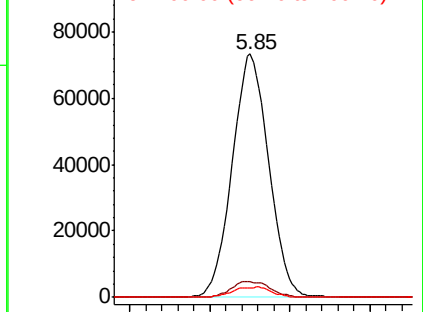
63 100

98 6.4 3.3 9.9

100 4.0 2.0 6.0



Abundance Ion 63.00 (62.70 to 63.70): VN0
Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0



#22

cis-1,2-Dichloroethene

Concen: 17.24 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN051032.D

Acq: 6 Sep 2018 13:49

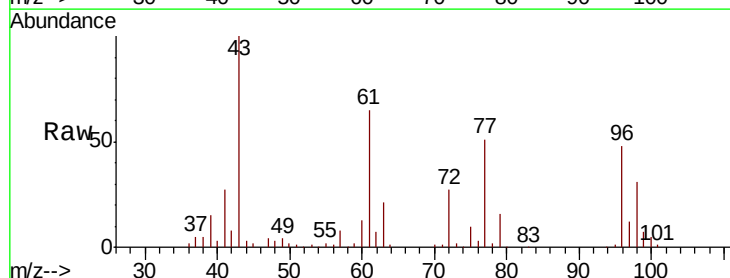
Tgt Ion: 96 Resp: 136119

Ion Ratio Lower Upper

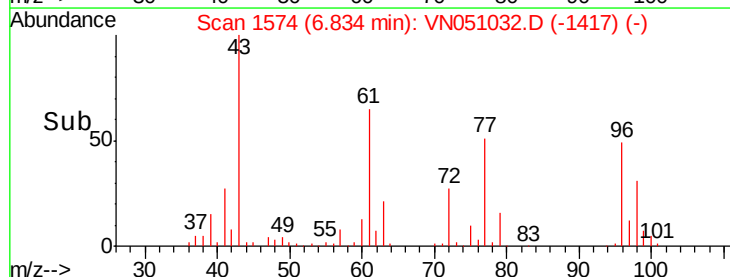
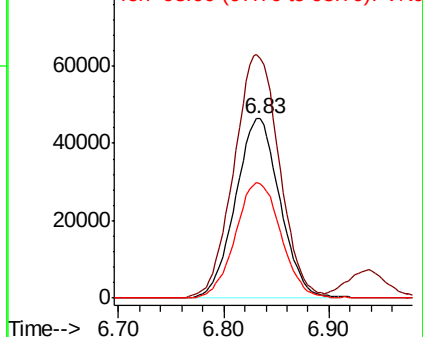
96 100

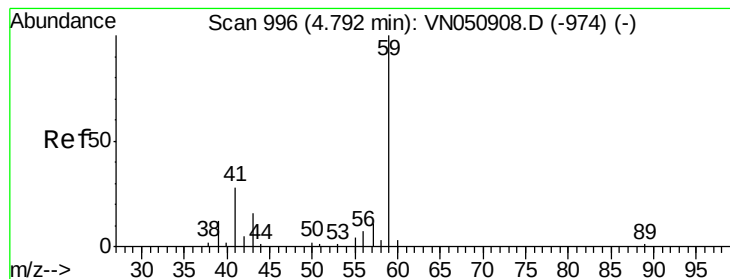
61 138.6 110.0 165.0

98 65.9 51.7 77.5



Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0



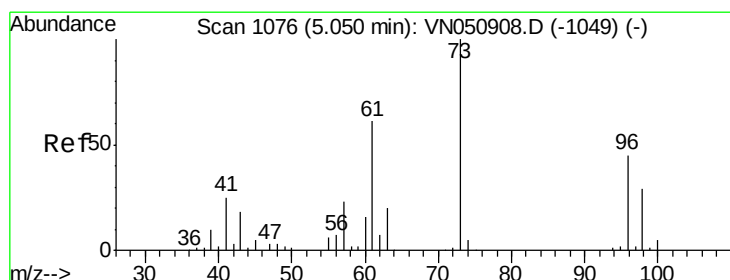
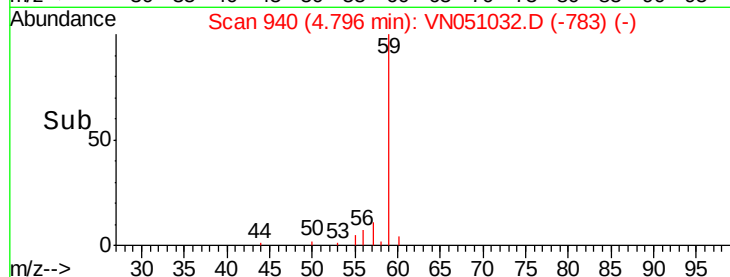
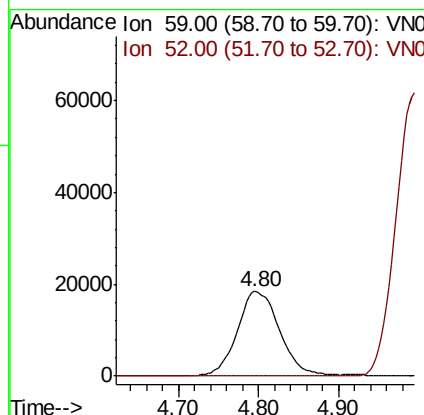
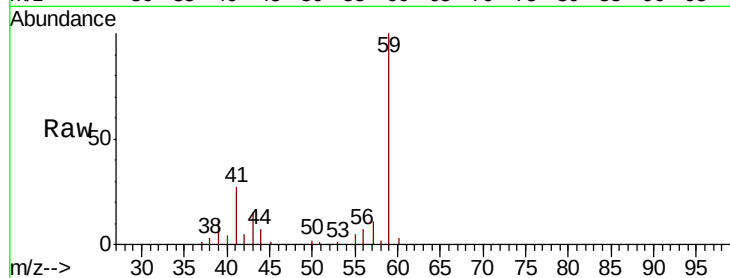


#23

tert-Butyl Alcohol
 Concen: 122.06 ug/l
 RT: 4.80 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: VN051032.D
 Acq: 6 Sep 2018 13:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBSD01

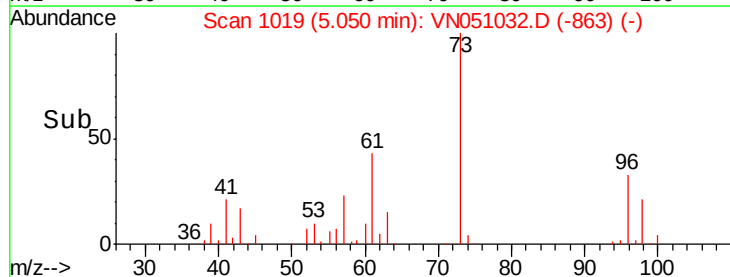
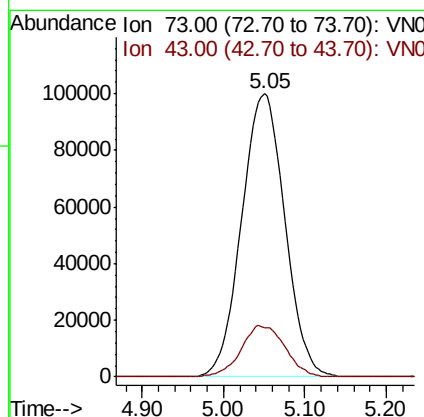
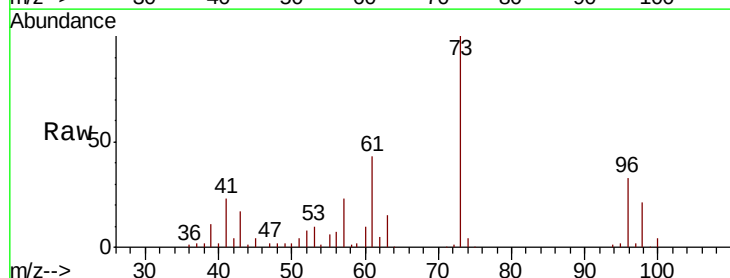
Tot Ion: 59 Resp: 66583
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.1 0.1#

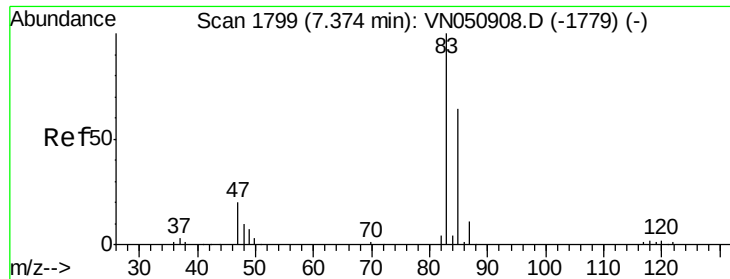


#24

Methyl tert-Butyl Ether
 Concen: 20.47 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VN051032.D
 Acq: 6 Sep 2018 13:49

Tgt Ion: 73 Resp: 367240
 Ion Ratio Lower Upper
 73 100
 43 9.7 14.4 21.6#

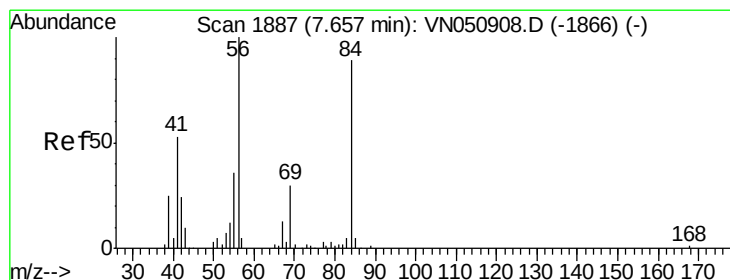
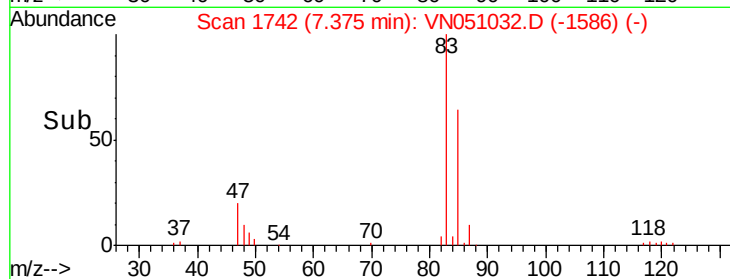
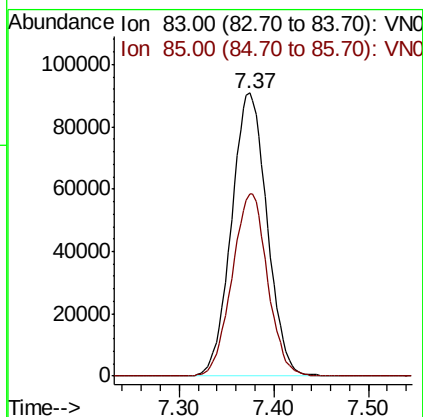
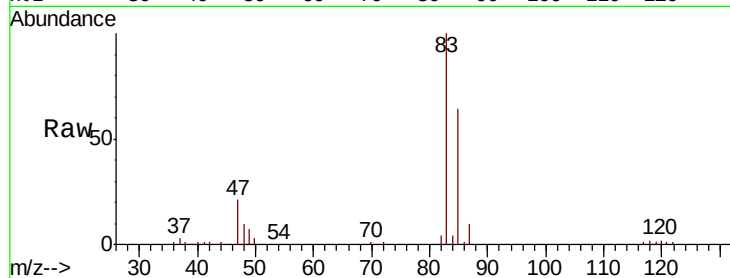




#25
Chloroform
Concen: 18.11 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN051032.D
Acq: 6 Sep 2018 13:49

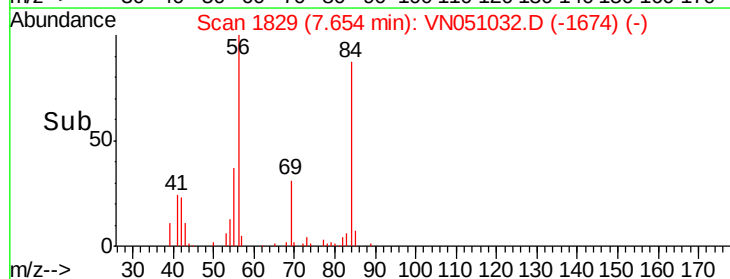
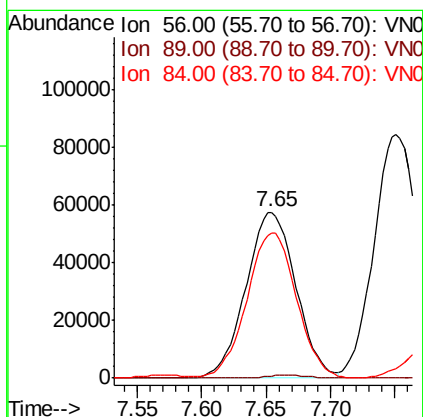
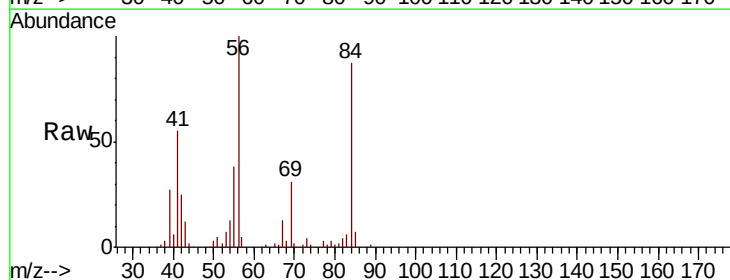
Instrument :
MSVOA_N
ClientSampled :
VN0906WBSD01

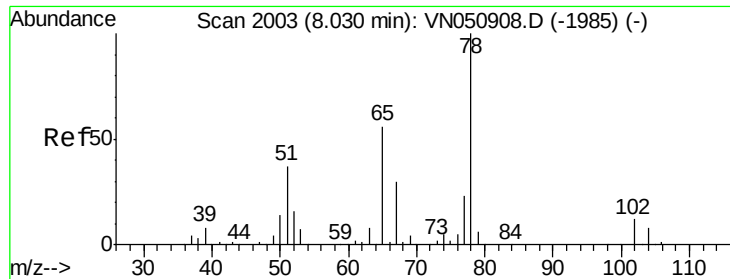
Tot Ion: 83 Resp: 237513
Ion Ratio Lower Upper
83 100
85 64.3 51.4 77.0



#26
Cyclohexane
Concen: 14.27 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN051032.D
Acq: 6 Sep 2018 13:49

Tgt Ion: 56 Resp: 155361
Ion Ratio Lower Upper
56 100
89 1.3 0.4 0.6#
84 87.0 70.4 105.6

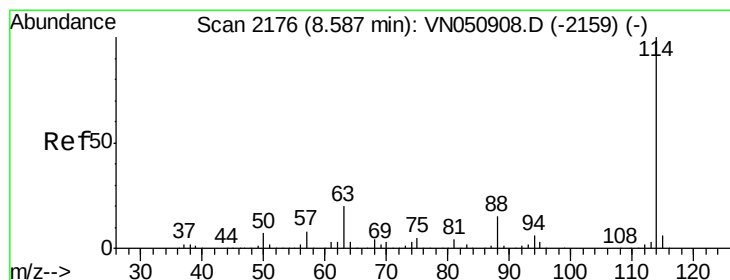
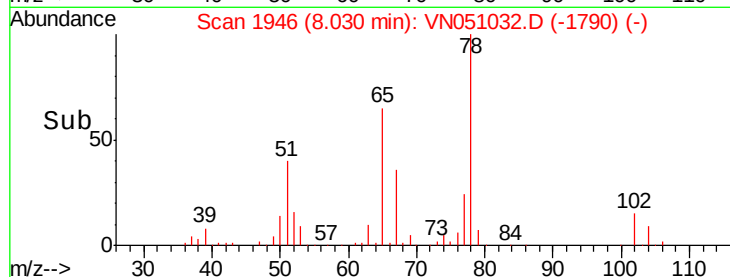
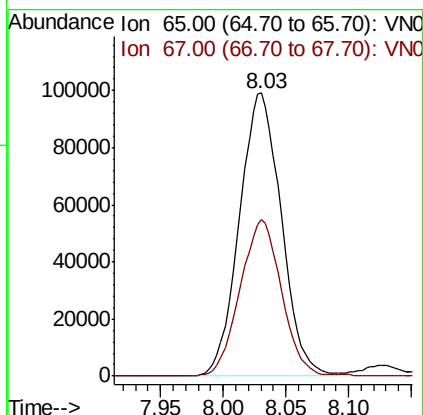
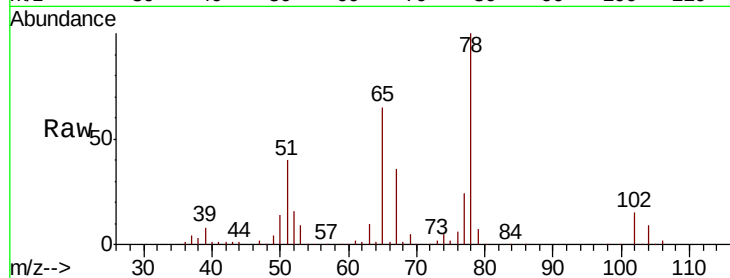




#27
 1,2-Dichloroethane-d4
 Concen: 29.73 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051032.D
 Acq: 6 Sep 2018 13:49

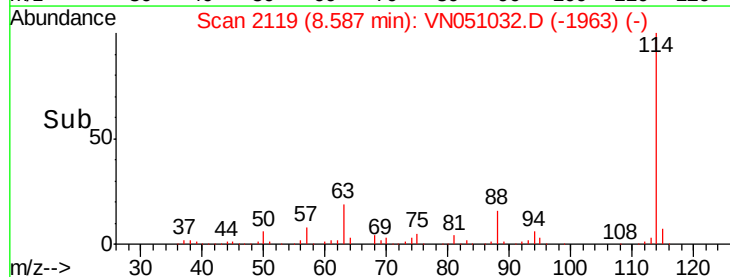
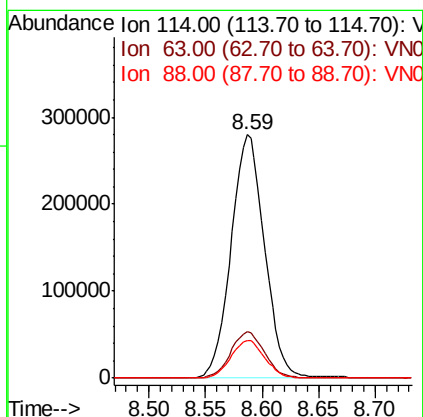
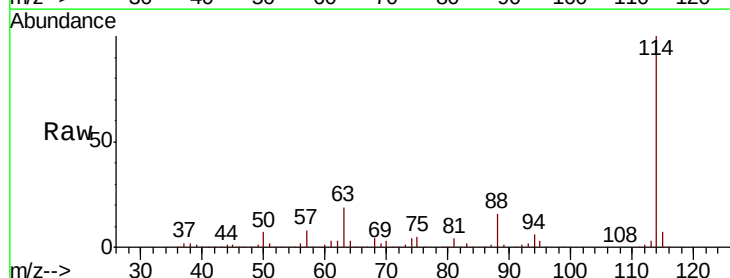
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0906WBSD01

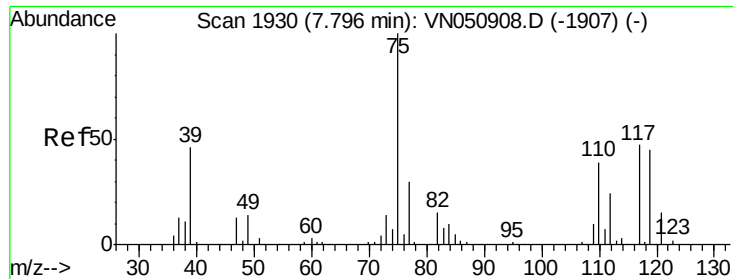
Tot Ion: 65 Resp: 230348
 Ion Ratio Lower Upper
 65 100
 67 54.6 43.7 65.5



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051032.D
 Acq: 6 Sep 2018 13:49

Tgt Ion:114 Resp: 577564
 Ion Ratio Lower Upper
 114 100
 63 19.2 15.6 23.4
 88 15.7 12.2 18.4

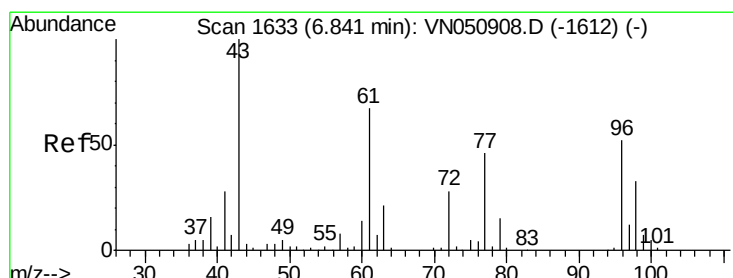
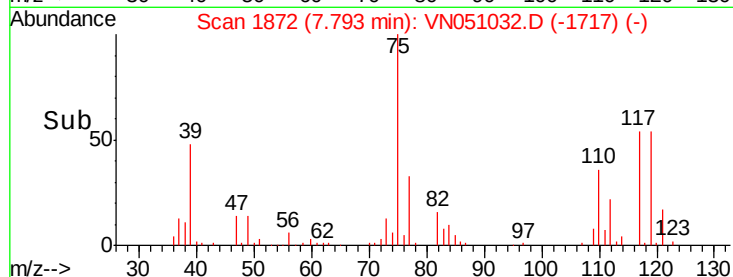
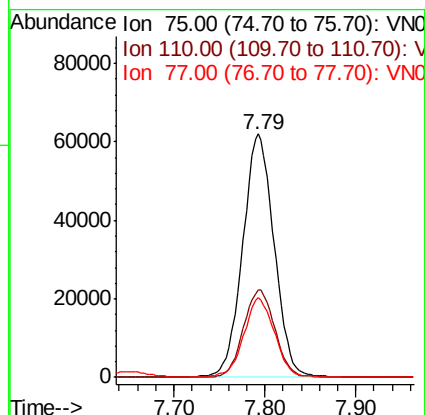
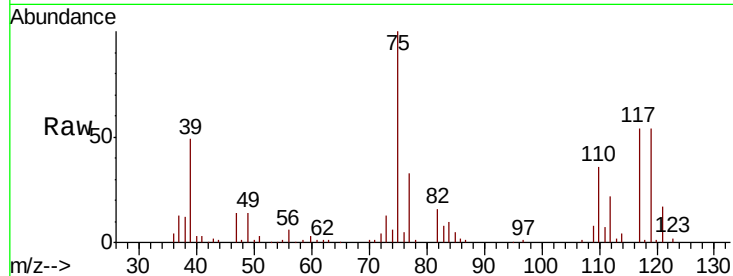




#29
 1,1-Dichloropropene
 Concen: 17.24 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN051032.D
 Acq: 6 Sep 2018 13:49

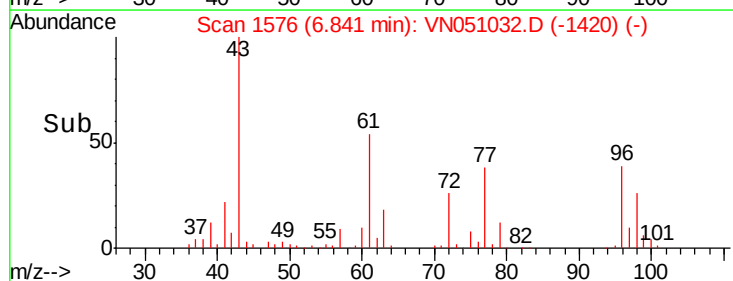
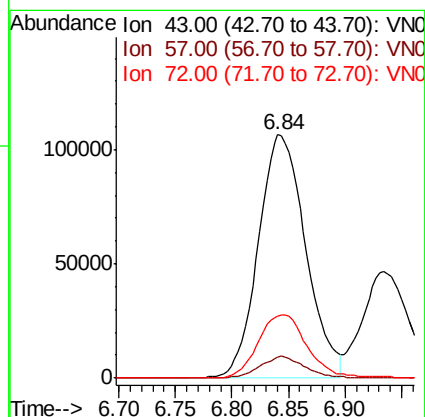
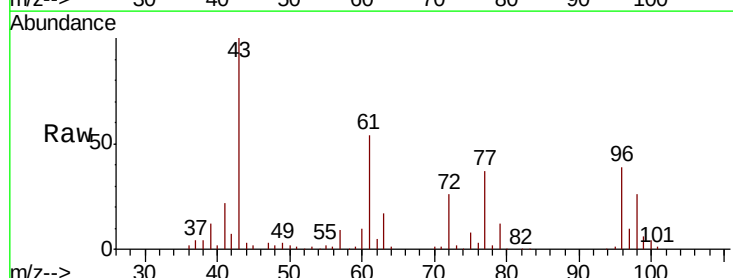
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBSD01

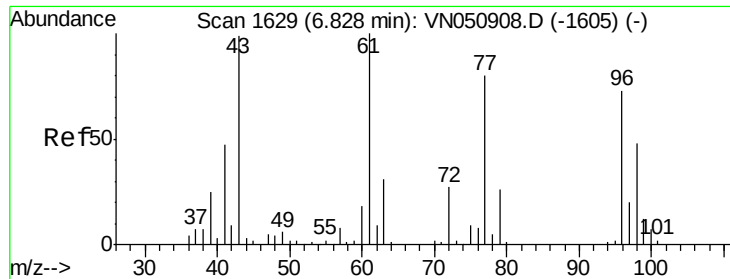
Tot Ion: 75 Resp: 149082
 Ion Ratio Lower Upper
 75 100
 110 35.8 0.0 75.0
 77 32.1 0.0 60.6



#30
 2-Butanone
 Concen: 116.19 ug/l
 RT: 6.84 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: VN051032.D
 Acq: 6 Sep 2018 13:49

Tgt Ion: 43 Resp: 309059
 Ion Ratio Lower Upper
 43 100
 57 8.5 6.9 10.3
 72 27.0 22.8 34.2

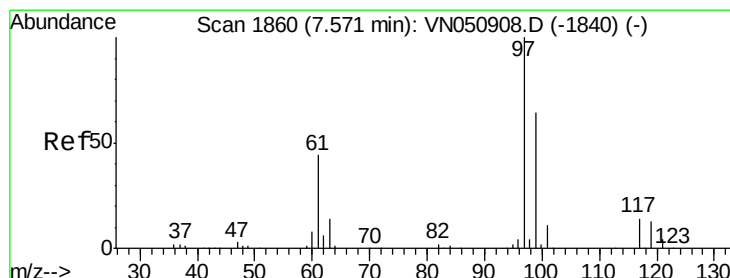
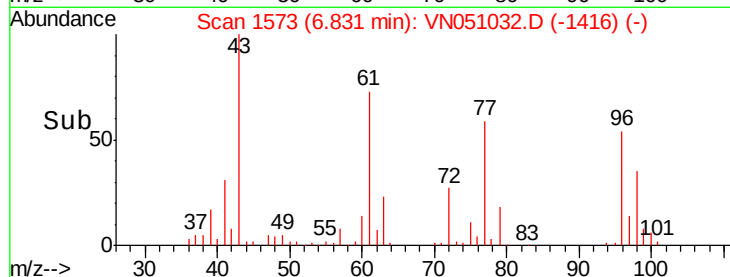
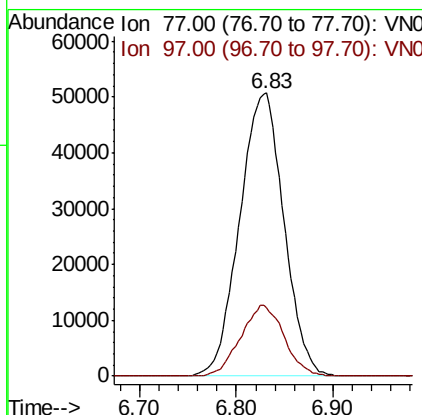
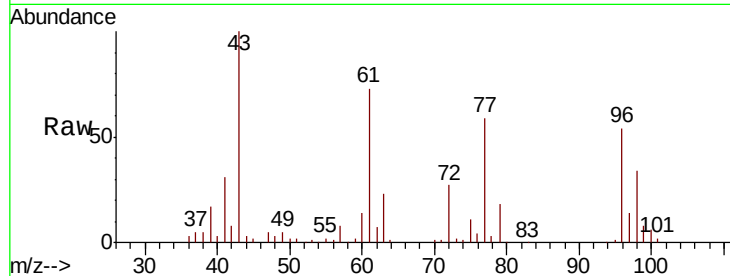




#31
 2,2-Dichloropropane
 Concen: 19.12 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN051032.D
 Acq: 6 Sep 2018 13:49

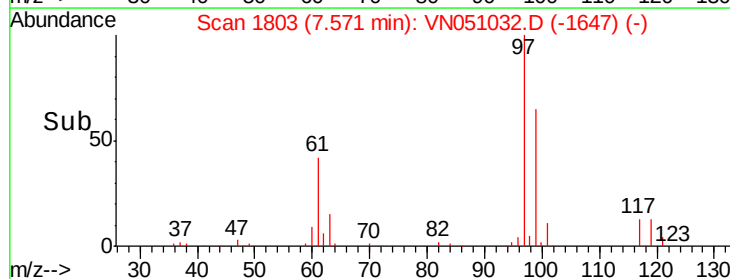
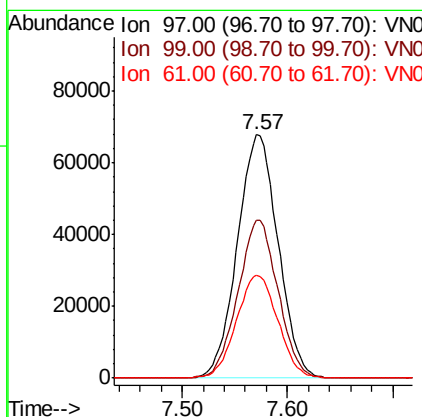
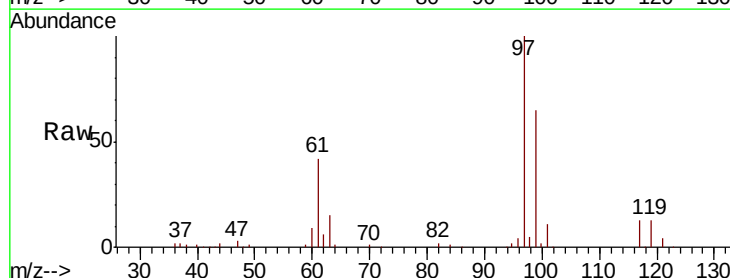
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBSD01

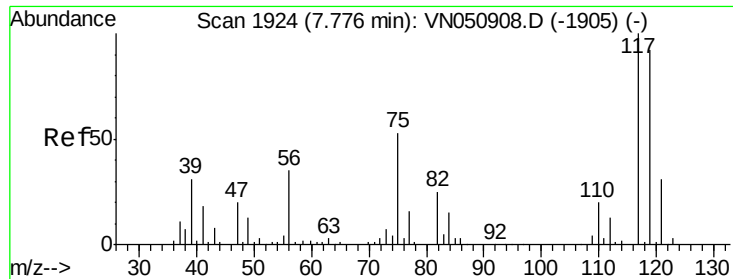
Tot Ion: 77 Resp: 160892
 Ion Ratio Lower Upper
 77 100
 97 24.5 20.2 30.2



#32
 1,1,1-Trichloroethane
 Concen: 18.57 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN051032.D
 Acq: 6 Sep 2018 13:49

Tgt Ion: 97 Resp: 182043
 Ion Ratio Lower Upper
 97 100
 99 63.8 52.0 78.0
 61 43.0 35.0 52.6

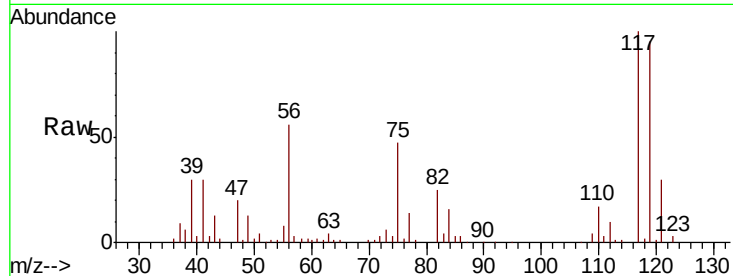




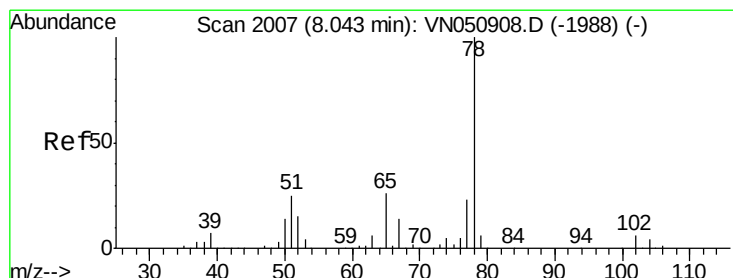
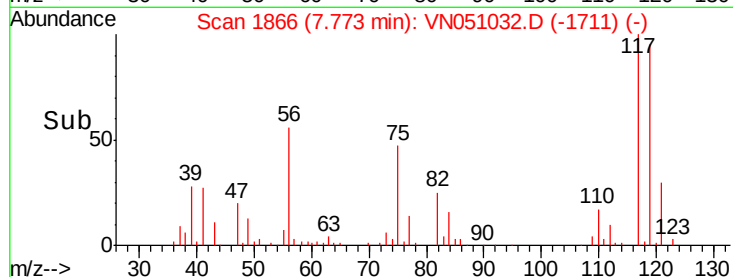
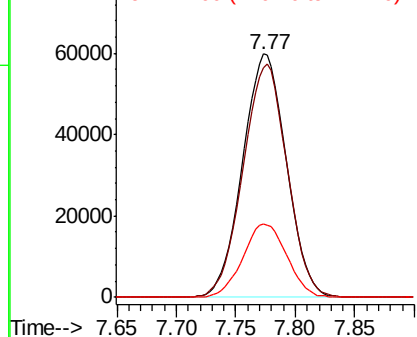
#33
Carbon Tetrachloride
Concen: 17.27 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051032.D
Acq: 6 Sep 2018 13:49

Instrument :
MSVOA_N
ClientSampleId :
VN0906WBSD01

Tot Ion:117 Resp: 152453
Ion Ratio Lower Upper
117 100
119 94.5 73.5 110.3
121 30.0 24.6 37.0

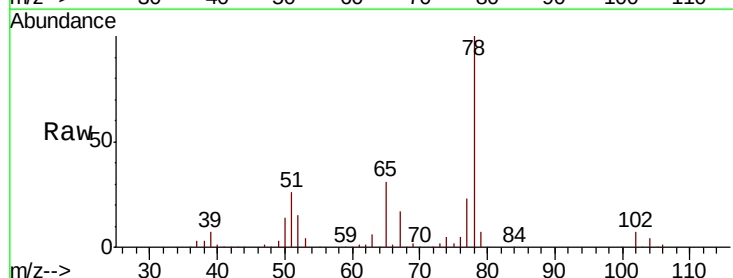


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

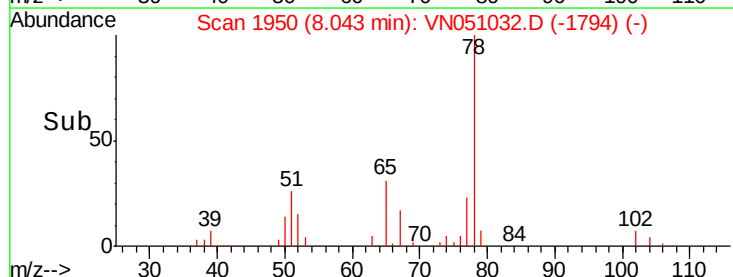
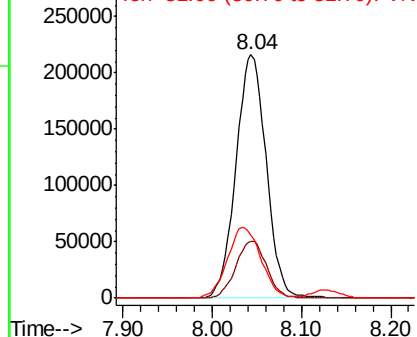


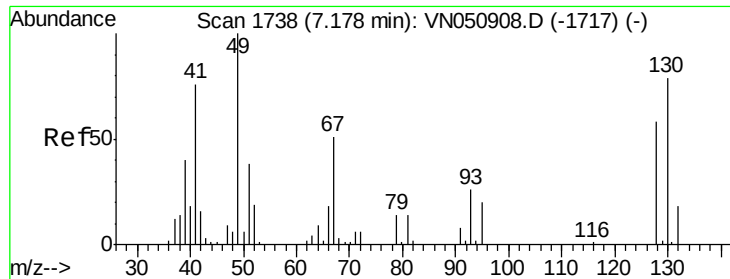
#34
Benzene
Concen: 19.07 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN051032.D
Acq: 6 Sep 2018 13:49

Tgt Ion: 78 Resp: 510068
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0
51 25.8 20.0 30.0



Abundance Ion 78.10 (77.80 to 78.80): V
Ion 77.00 (76.70 to 77.70): V
Ion 51.00 (50.70 to 51.70): V

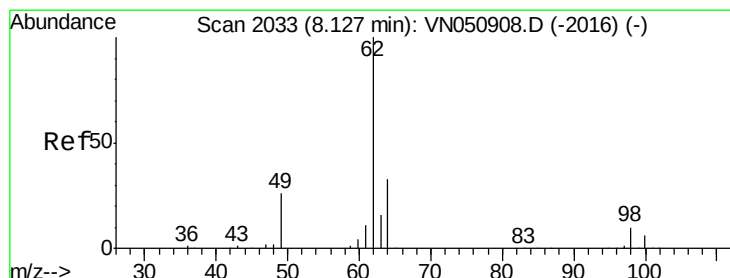
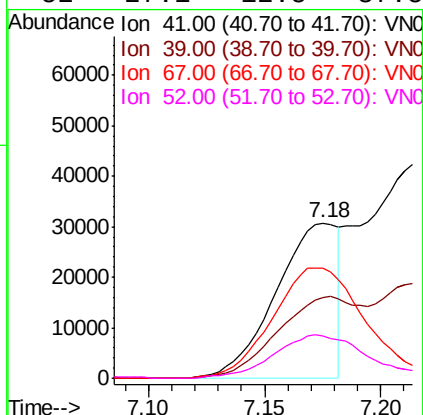
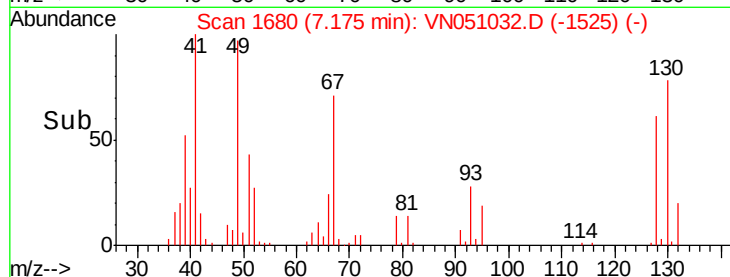
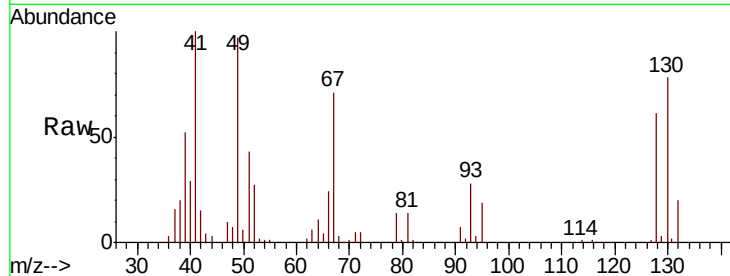




#35
Methacrylonitrile
Concen: 19.64 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN051032.D
Acq: 6 Sep 2018 13:49

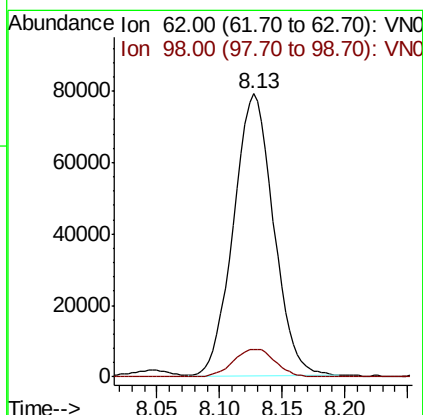
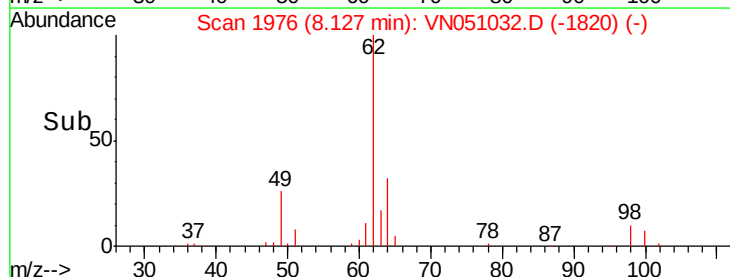
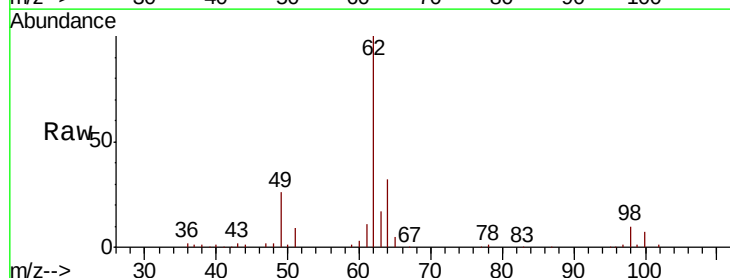
Instrument :
MSVOA_N
ClientSampled :
VN0906WBSD01

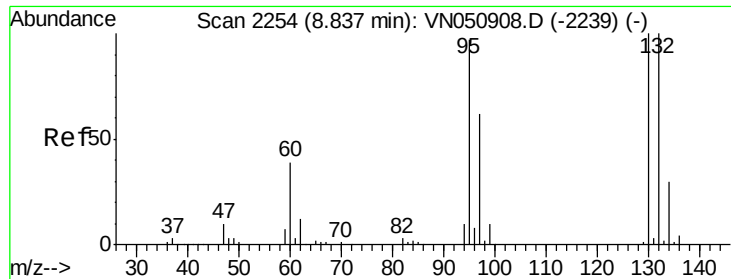
Tot Ion: 41 Resp: 57230
Ion Ratio Lower Upper
41 100
39 52.3 26.2 78.5
67 70.7 33.9 101.6
52 27.1 12.5 37.5



#36
1,2-Dichloroethane
Concen: 21.71 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN051032.D
Acq: 6 Sep 2018 13:49

Tgt Ion: 62 Resp: 175646
Ion Ratio Lower Upper
62 100
98 10.3 8.0 12.0

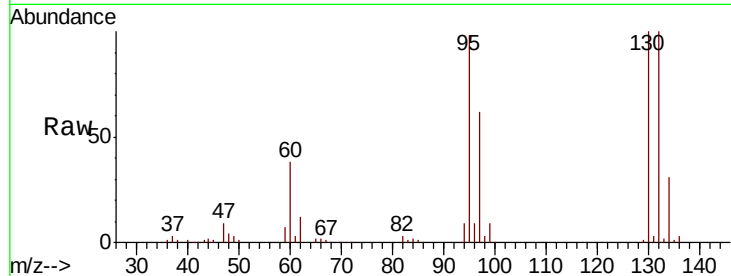




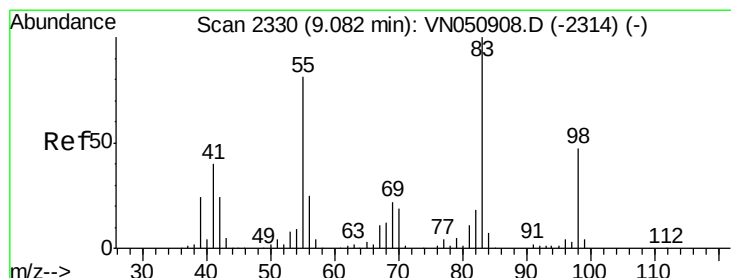
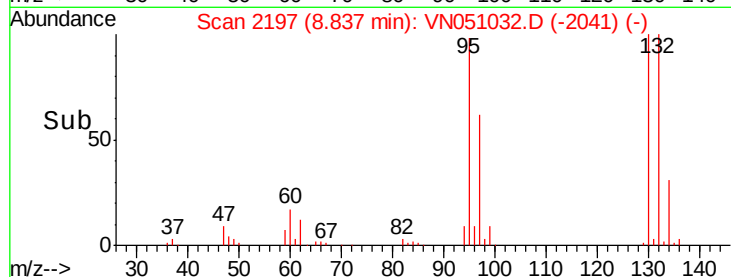
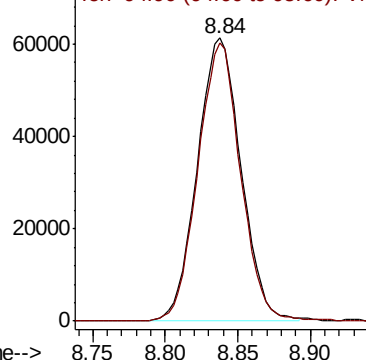
#37
 Trichloroethene
 Concen: 18.35 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN051032.D
 Acq: 6 Sep 2018 13:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBSD01

Tot Ion:130 Resp: 128327
 Ion Ratio Lower Upper
 130 100
 95 98.5 77.4 116.0

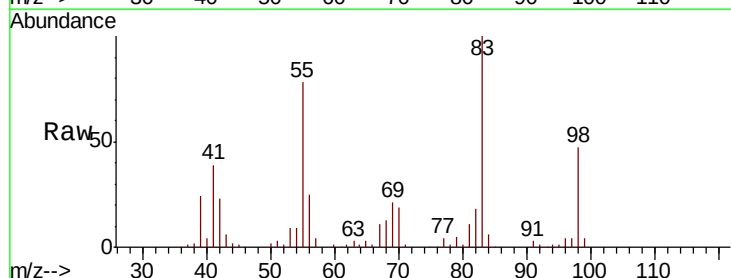


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

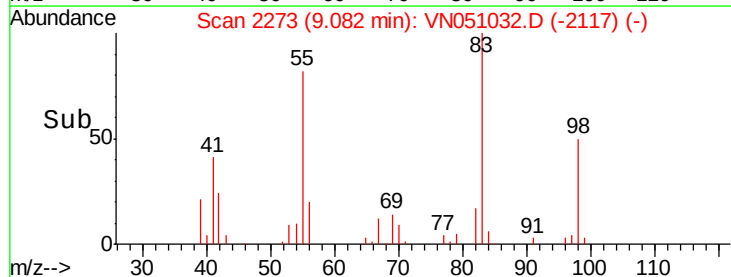
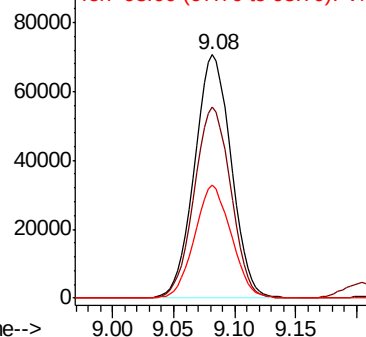


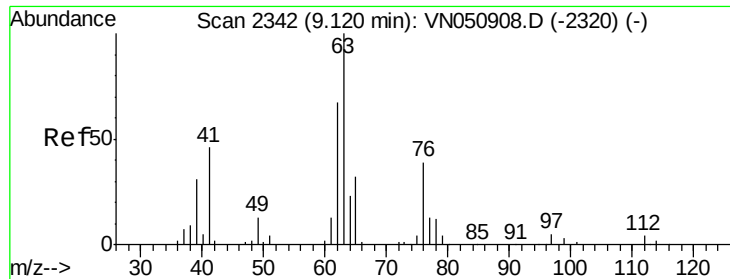
#38
 Methylcyclohexane
 Concen: 15.88 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VN051032.D
 Acq: 6 Sep 2018 13:49

Tgt Ion: 83 Resp: 147480
 Ion Ratio Lower Upper
 83 100
 55 78.3 38.9 116.7
 98 46.4 22.9 68.7



Abundance Ion 83.00 (82.70 to 83.70): VN
 Ion 55.00 (54.70 to 55.70): VN
 Ion 98.00 (97.70 to 98.70): VN





#39

1,2-Dichloropropane

Concen: 20.76 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN051032.D

Acq: 6 Sep 2018 13:49

Instrument :

MSVOA_N

ClientSampleId :

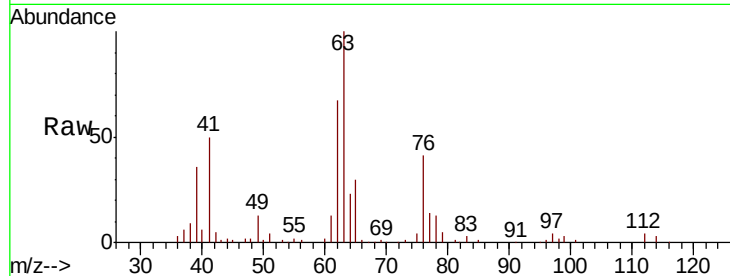
VN0906WBSD01

Tot Ion: 63 Resp: 145028

Ion Ratio Lower Upper

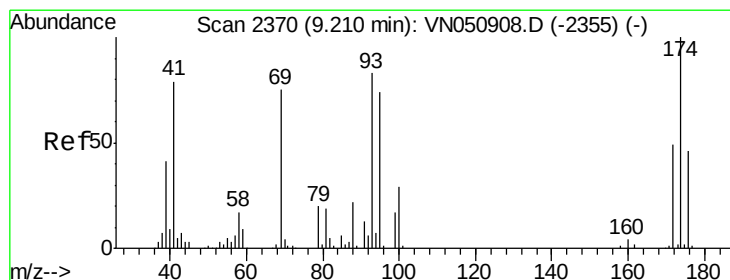
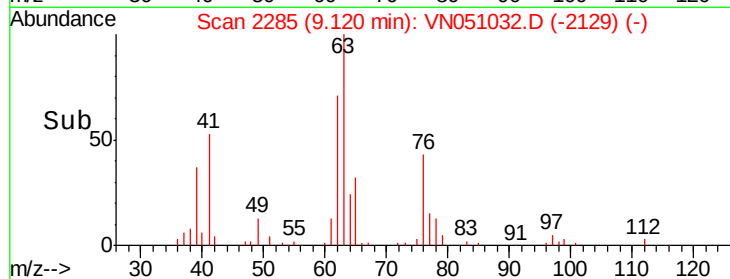
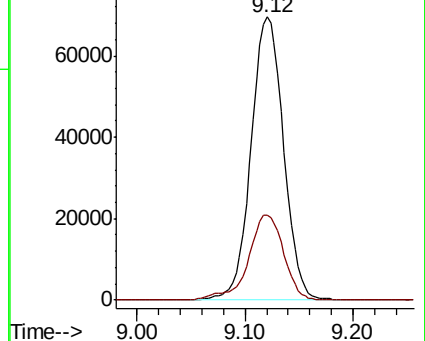
63 100

65 30.0 25.6 38.4



Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0



#40

Dibromomethane

Concen: 22.10 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN051032.D

Acq: 6 Sep 2018 13:49

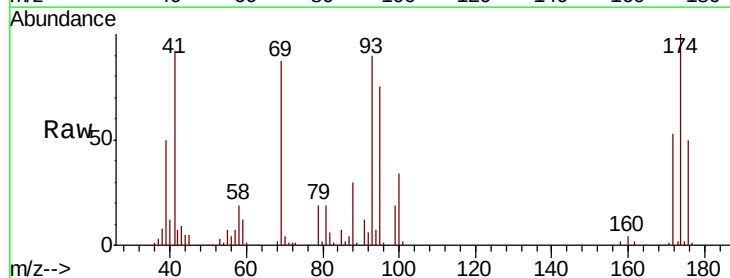
Tgt Ion: 93 Resp: 92996

Ion Ratio Lower Upper

93 100

95 83.1 0.0 173.4

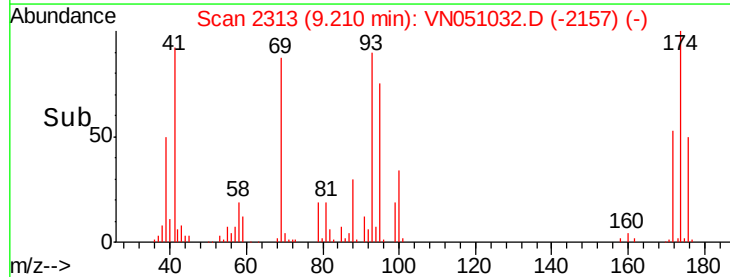
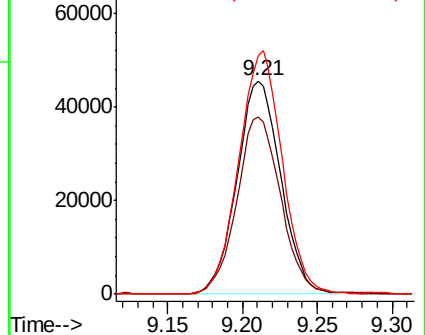
174 113.1 0.0 234.8

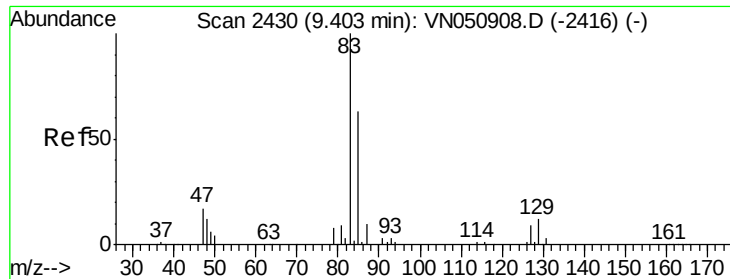


Abundance Ion 93.00 (92.70 to 93.70): VN0

Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 20.59 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN051032.D

Acq: 6 Sep 2018 13:49

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBSD01

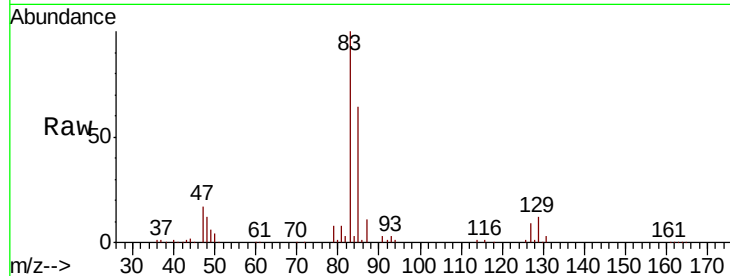
Tot Ion: 83 Resp: 182661

Ion Ratio Lower Upper

83 100

85 64.2 50.6 76.0

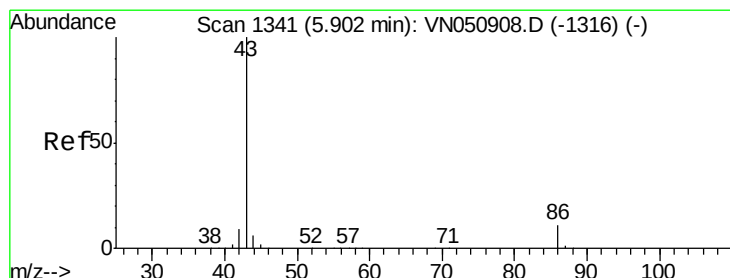
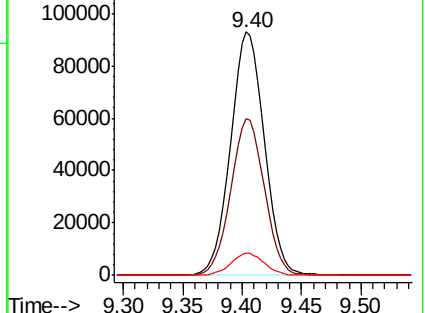
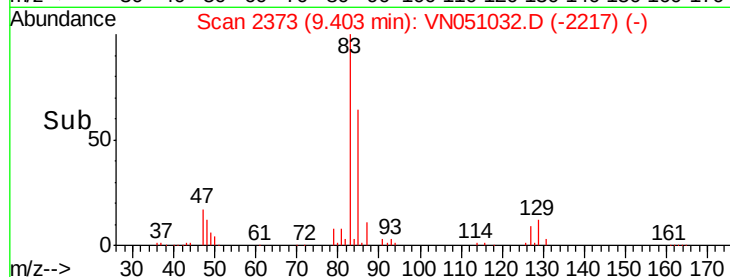
127 9.2 7.1 10.7



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

Ion 127.00 (126.70 to 127.70): VN0



#42

Vinyl Acetate

Concen: 104.27 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN051032.D

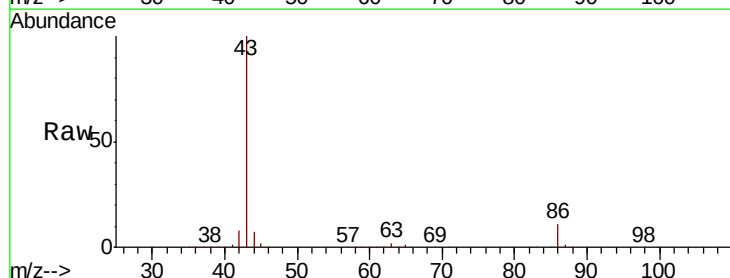
Acq: 6 Sep 2018 13:49

Tgt Ion: 43 Resp: 1277518

Ion Ratio Lower Upper

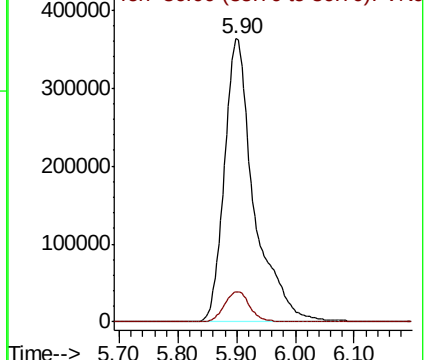
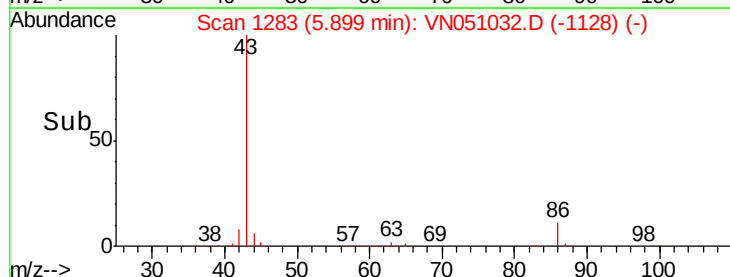
43 100

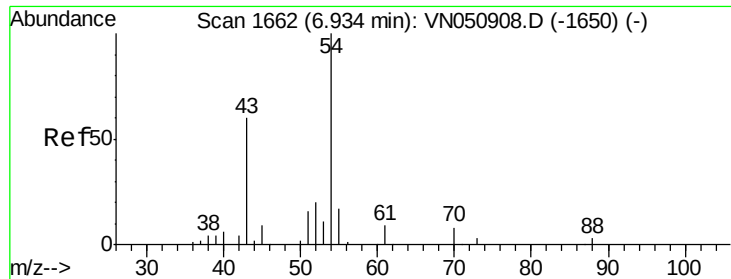
86 9.1 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

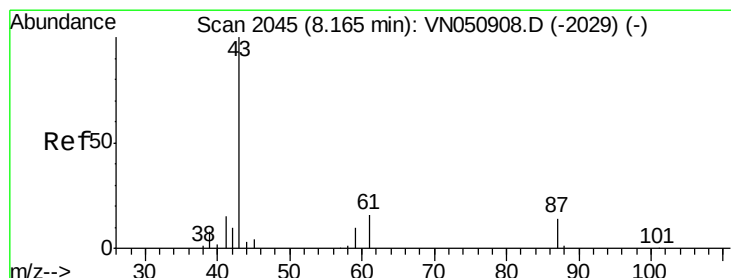
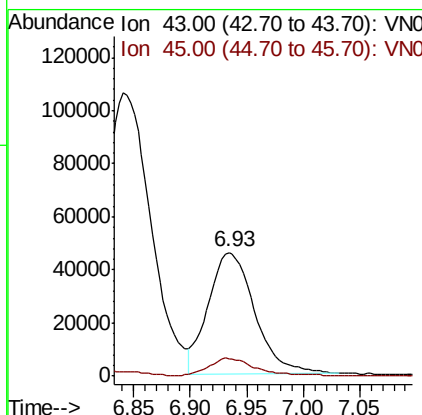
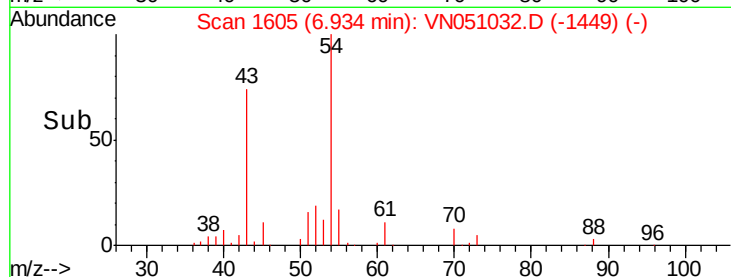
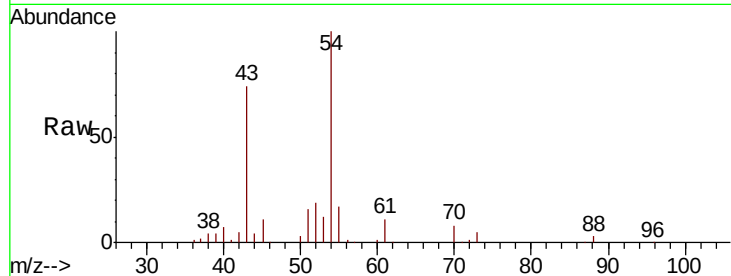




#43
Ethyl Acetate
Concen: 24.01 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN051032.D
Acq: 6 Sep 2018 13:49

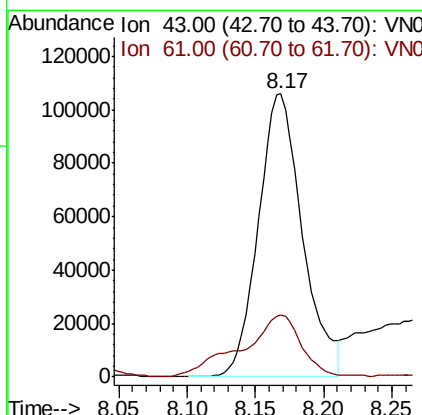
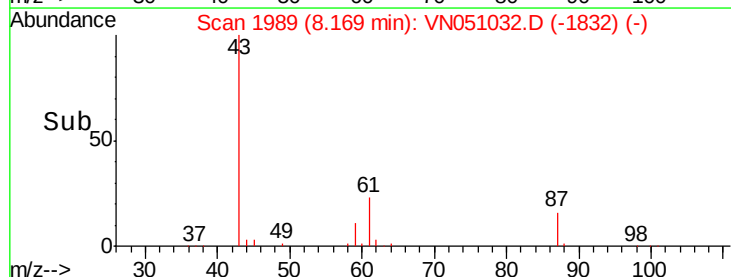
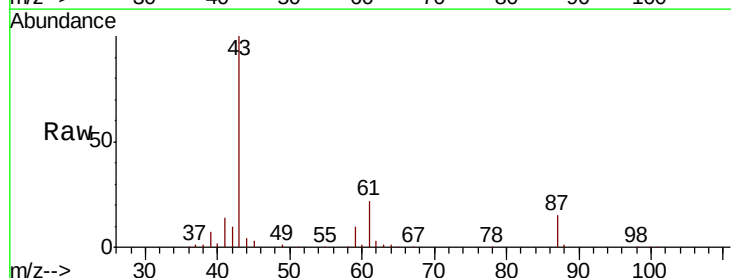
Instrument :
MSVOA_N
ClientSampled :
VN0906WBSD01

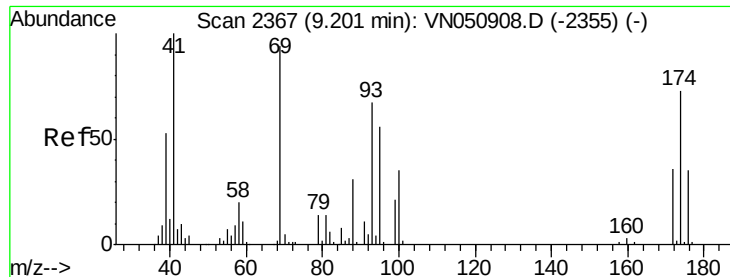
Tot Ion: 43 Resp: 130840
Ion Ratio Lower Upper
43 100
45 13.0 10.2 15.2



#44
Isopropyl Acetate
Concen: 24.65 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN051032.D
Acq: 6 Sep 2018 13:49

Tgt Ion: 43 Resp: 236996
Ion Ratio Lower Upper
43 100
61 20.5 16.3 24.5

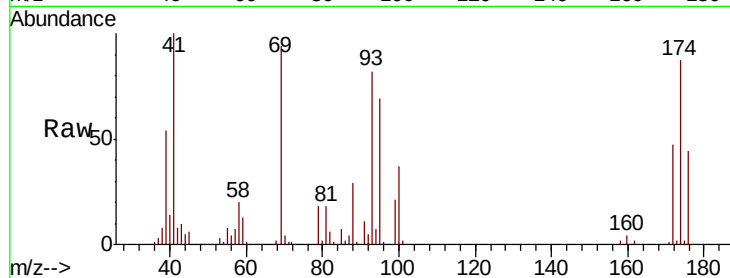




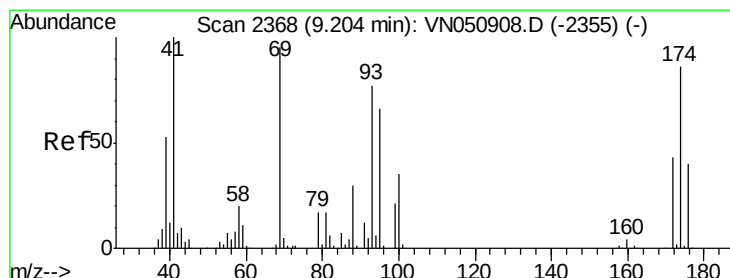
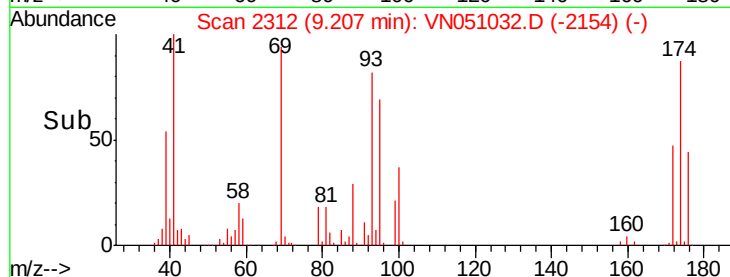
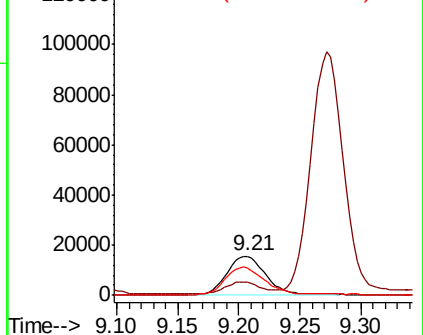
#45
 1,4-Dioxane
 Concen: 500.98 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.01 min
 Lab File: VN051032.D
 Acq: 6 Sep 2018 13:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBSD01

Tot Ion: 88 Resp: 35784
 Ion Ratio Lower Upper
 88 100
 43 27.8 23.5 35.3
 58 73.2 55.2 82.8

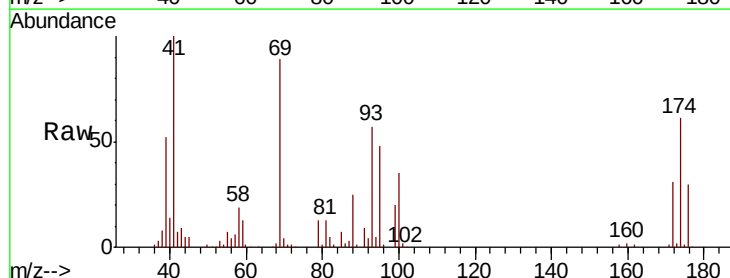


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

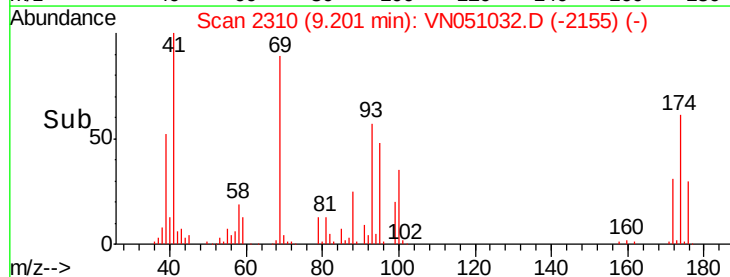
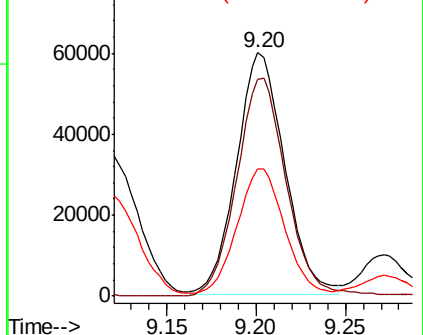


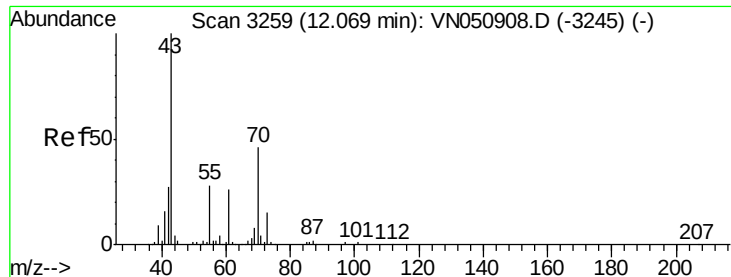
#46
 Methyl methacrylate
 Concen: 23.44 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN051032.D
 Acq: 6 Sep 2018 13:49

Tgt Ion: 41 Resp: 112887
 Ion Ratio Lower Upper
 41 100
 69 90.2 47.4 142.2
 39 51.9 26.6 79.7



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

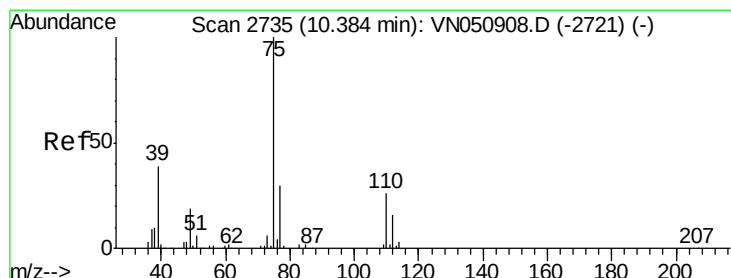
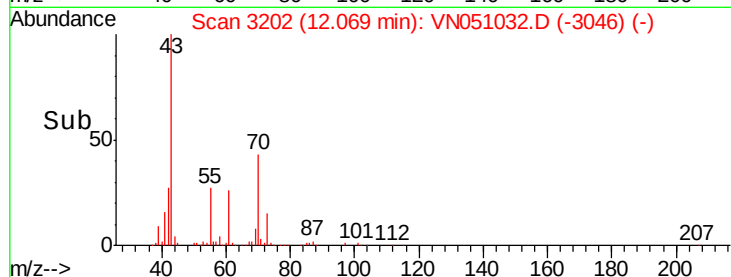
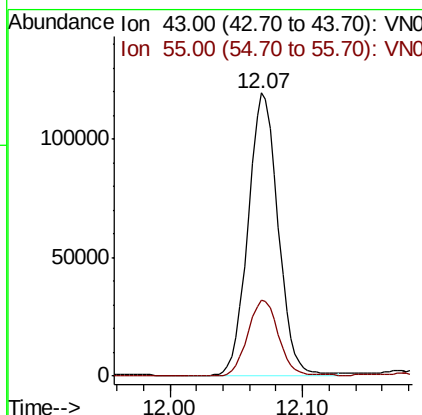
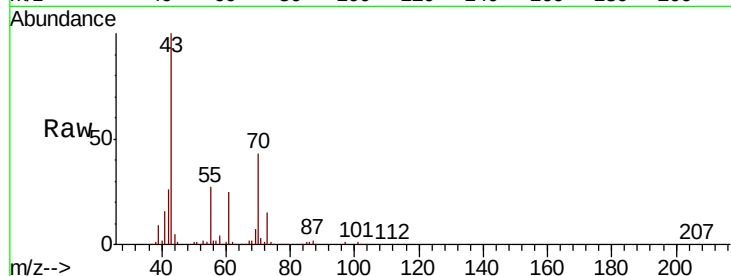




#47
n-amyl Acetate
Concen: 24.32 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN051032.D
Acq: 6 Sep 2018 13:49

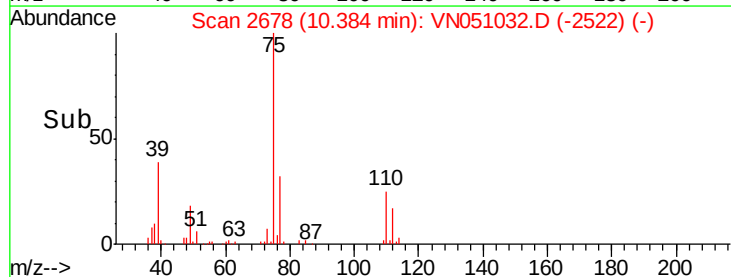
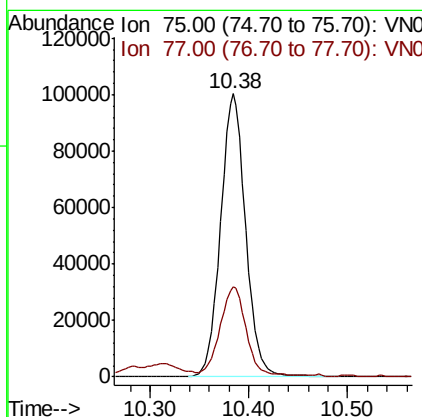
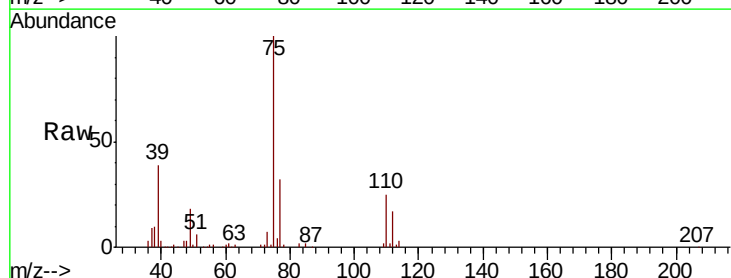
Instrument :
MSVOA_N
ClientSampled :
VN0906WBSD01

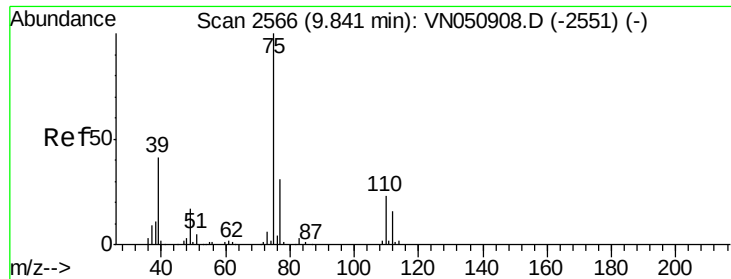
Tot Ion: 43 Resp: 187980
Ion Ratio Lower Upper
43 100
55 27.6 23.0 34.4



#48
t-1,3-Dichloropropene
Concen: 20.54 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN051032.D
Acq: 6 Sep 2018 13:49

Tgt Ion: 75 Resp: 178598
Ion Ratio Lower Upper
75 100
77 31.7 24.8 37.2

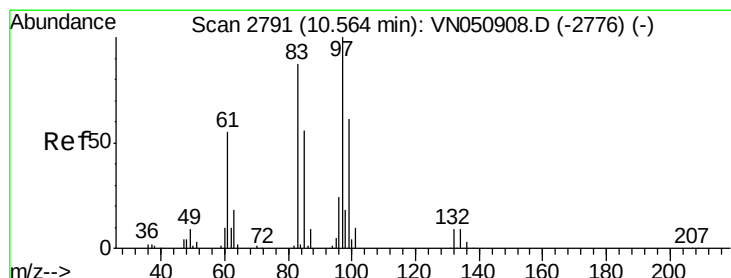
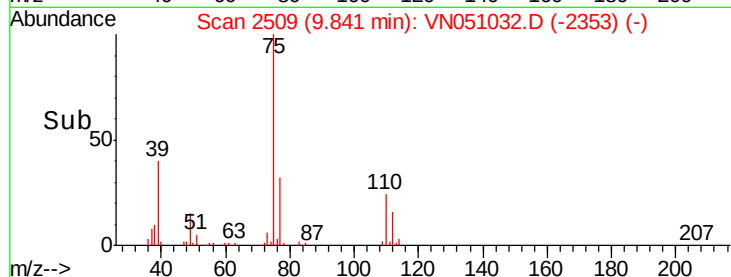
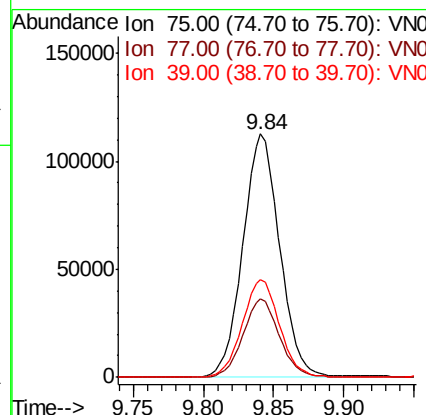
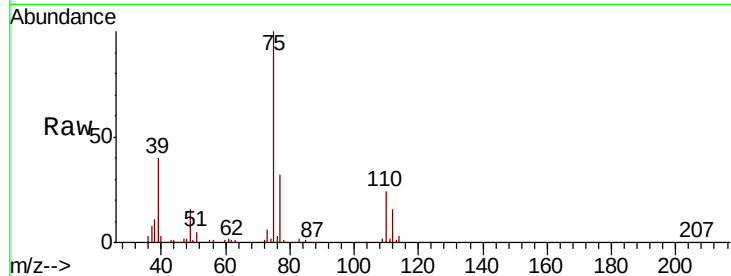




#49
 cis-1,3-Dichloropropene
 Concen: 20.61 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN051032.D
 Acq: 6 Sep 2018 13:49

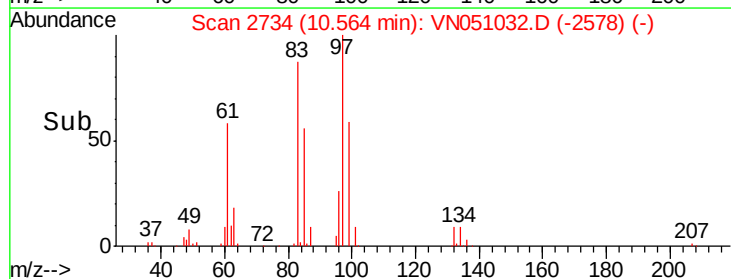
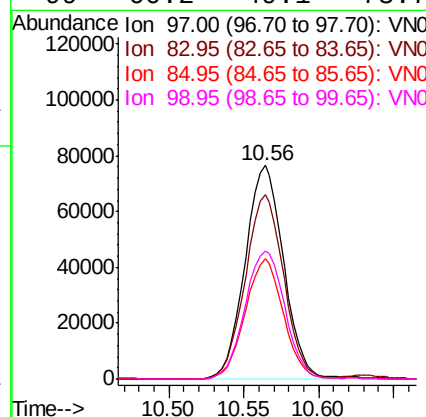
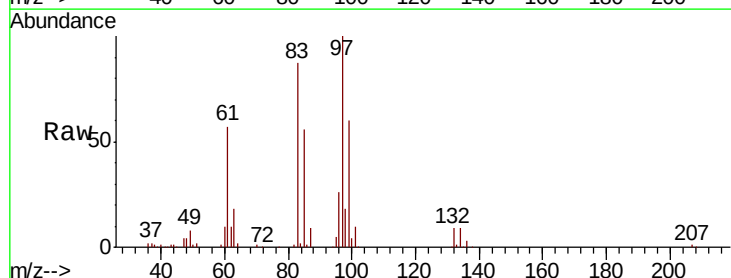
Instrument :
 MSVOA_N
 ClientSampled :
 VN0906WBSD01

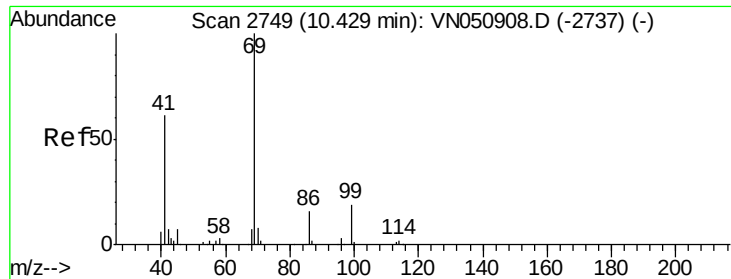
Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.0	37.4
39	40.2	32.9	49.3



#50
 1,1,2-Trichloroethane
 Concen: 22.41 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN051032.D
 Acq: 6 Sep 2018 13:49

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.6	69.8	104.6
85	56.2	45.0	67.6
99	60.2	49.1	73.7





#51

Ethyl methacrylate

Concen: 21.93 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN051032.D

Acq: 6 Sep 2018 13:49

Instrument :

MSVOA_N

ClientSampled :

VN0906WBSD01

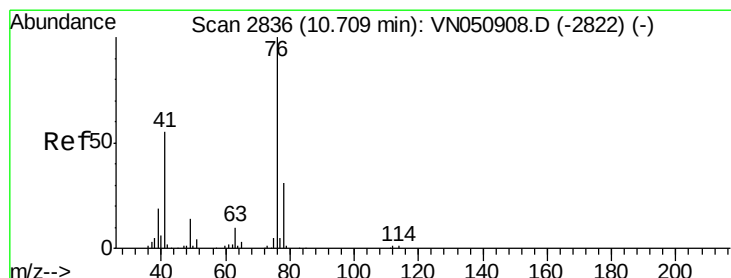
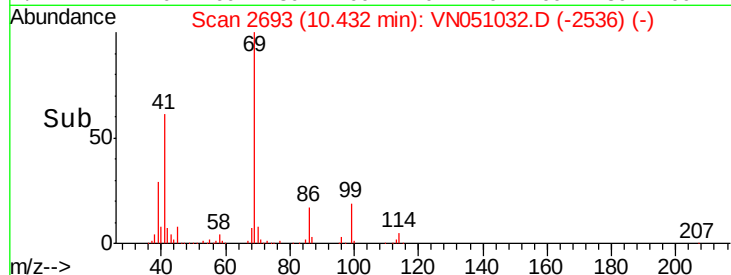
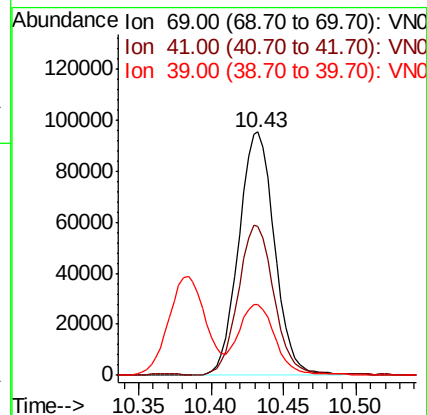
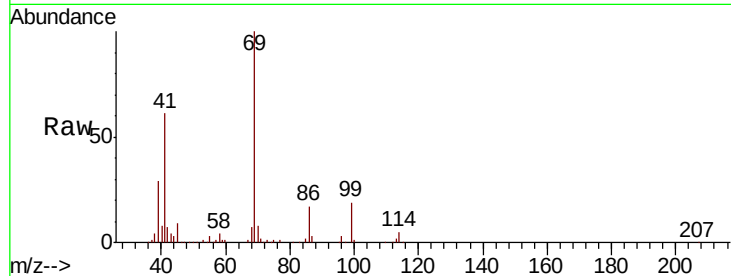
Tot Ion: 69 Resp: 164031

Ion Ratio Lower Upper

69 100

41 61.0 30.5 91.5

39 28.3 15.3 45.8



#52

1,3-Dichloropropane

Concen: 21.68 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN051032.D

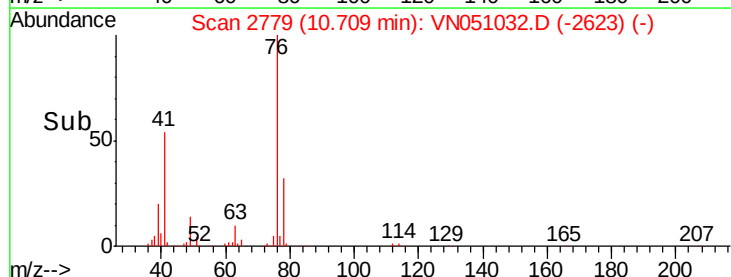
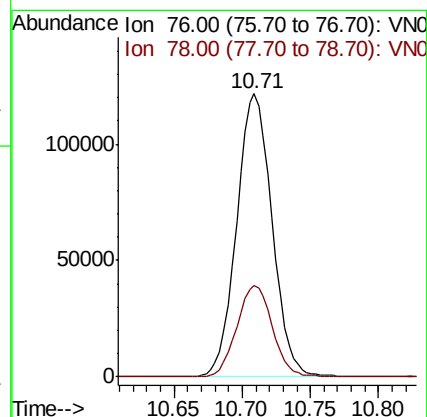
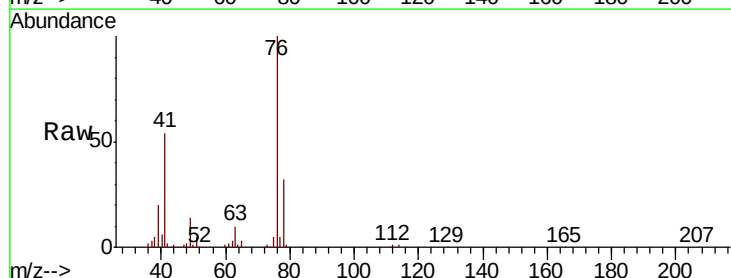
Acq: 6 Sep 2018 13:49

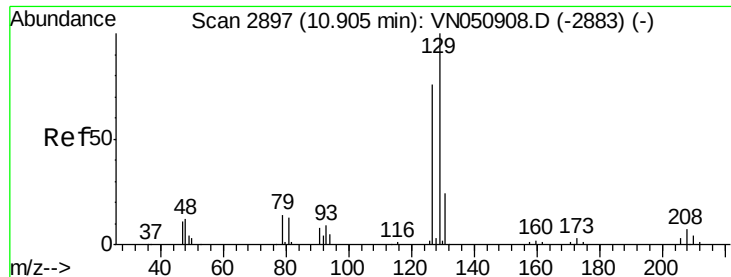
Tgt Ion: 76 Resp: 219561

Ion Ratio Lower Upper

76 100

78 32.5 0.0 63.4

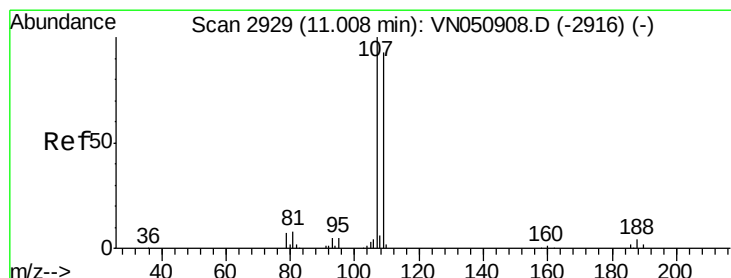
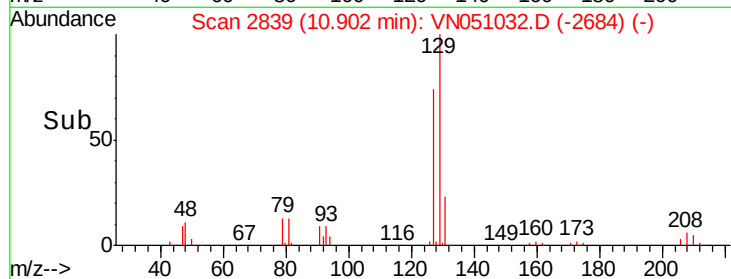
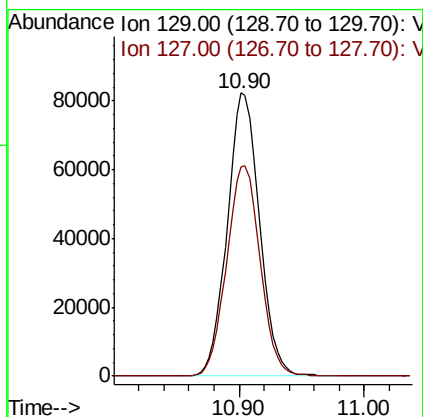
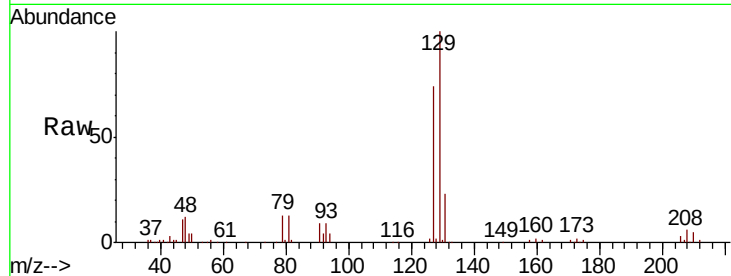




#53
 Dibromochloromethane
 Concen: 21.14 ug/l
 RT: 10.90 min Scan# 2839
 Delta R.T. -0.00 min
 Lab File: VN051032.D
 Acq: 6 Sep 2018 13:49

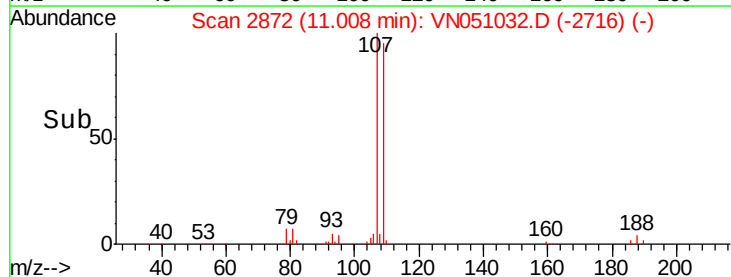
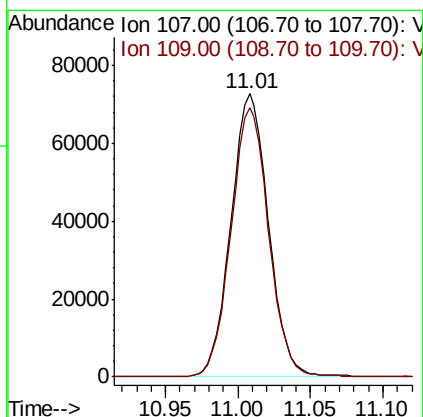
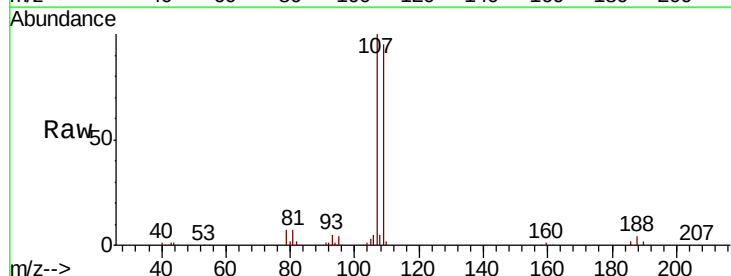
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBSD01

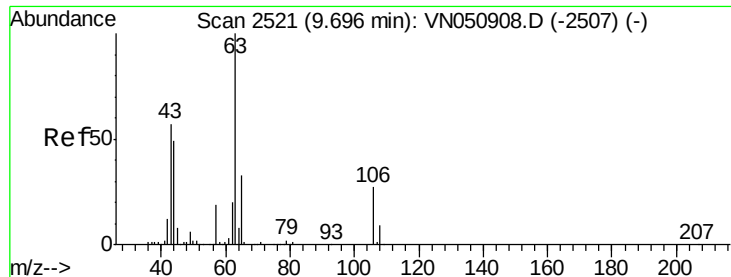
Tot Ion:129 Resp: 147013
 Ion Ratio Lower Upper
 129 100
 127 77.0 39.0 116.9



#54
 1,2-Dibromoethane
 Concen: 21.55 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN051032.D
 Acq: 6 Sep 2018 13:49

Tgt Ion:107 Resp: 130323
 Ion Ratio Lower Upper
 107 100
 109 95.6 74.4 111.6

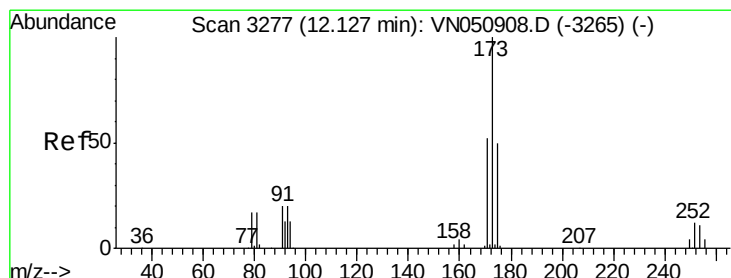
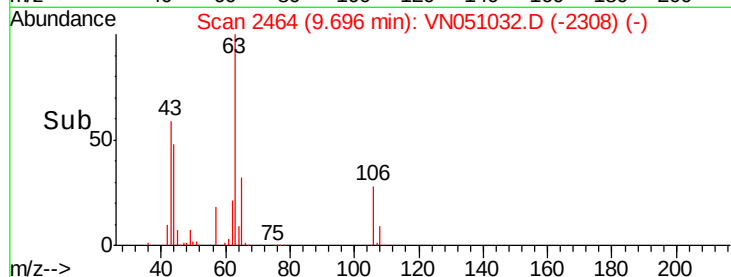
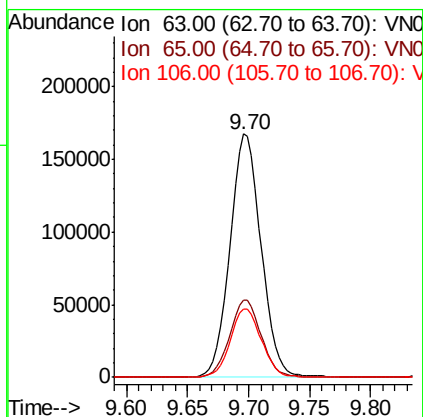
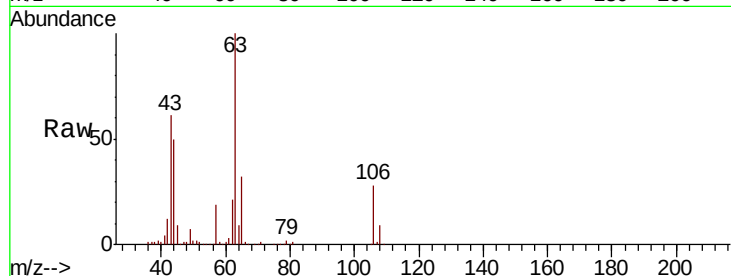




#55
 2-Chloroethyl vinyl ether
 Concen: 95.62 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN051032.D
 Acq: 6 Sep 2018 13:49

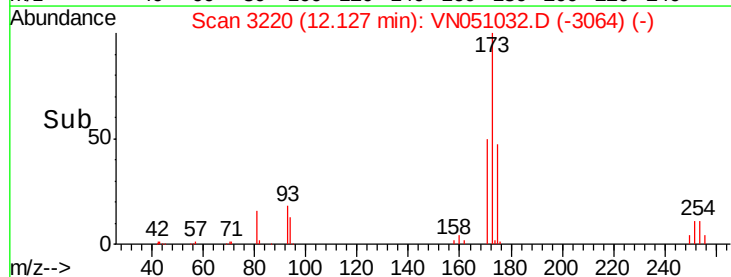
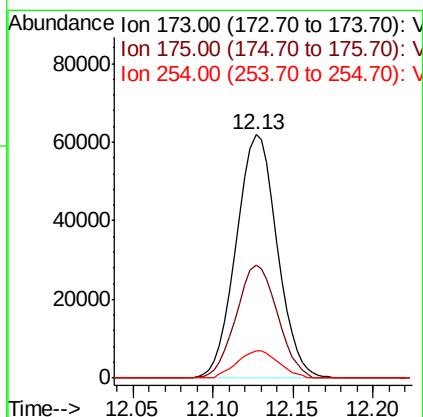
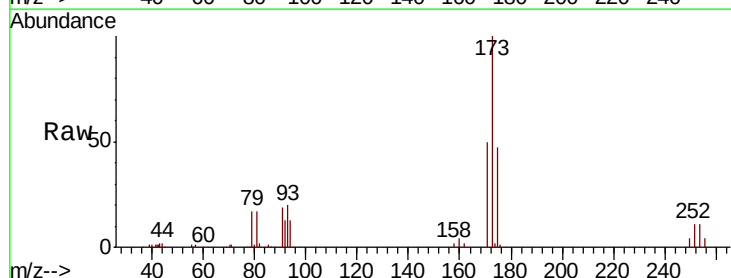
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBSD01

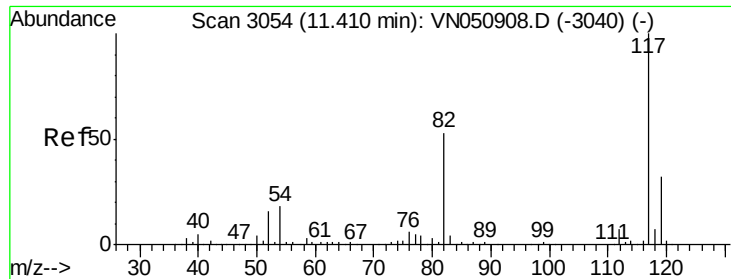
Tot Ion: 63 Resp: 297660
 Ion Ratio Lower Upper
 63 100
 65 32.1 25.4 38.2
 106 28.1 22.0 33.0



#56
 Bromoform
 Concen: 21.90 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: VN051032.D
 Acq: 6 Sep 2018 13:49

Tgt Ion: 173 Resp: 108296
 Ion Ratio Lower Upper
 173 100
 175 47.0 39.2 58.8
 254 11.4 9.0 13.6

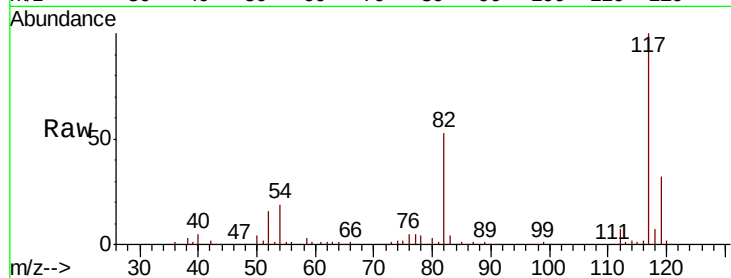




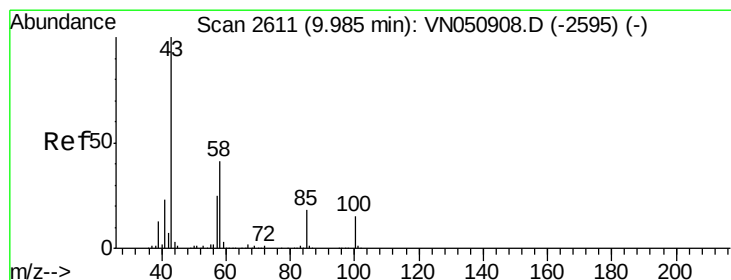
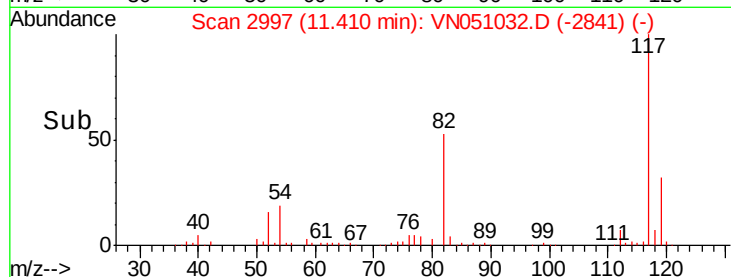
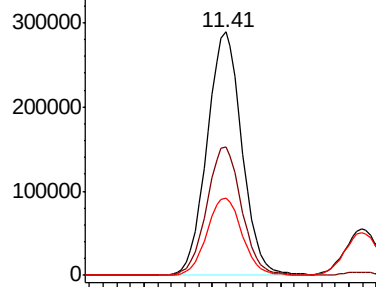
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051032.D
Acq: 6 Sep 2018 13:49

Instrument :
MSVOA_N
ClientSampleId :
VN0906WBSD01

Tot Ion:117 Resp: 512645
Ion Ratio Lower Upper
117 100
82 52.8 42.6 64.0
119 32.0 25.7 38.5

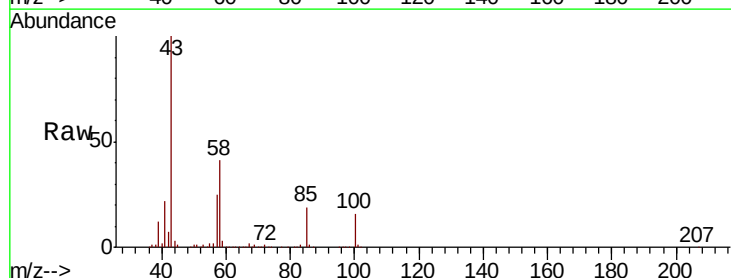


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VN
Ion 119.00 (118.70 to 119.70): V

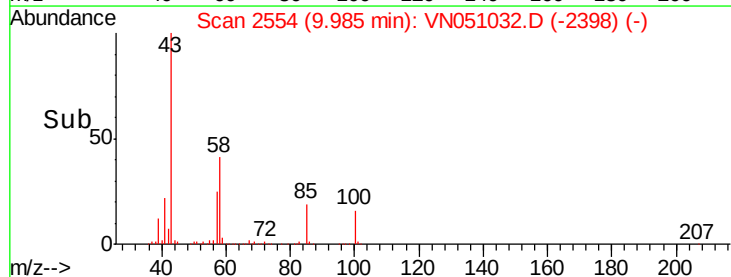
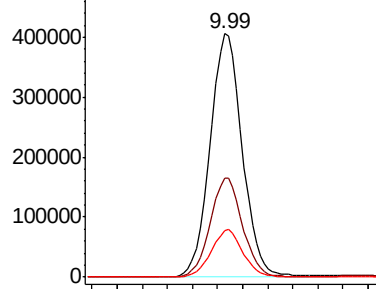


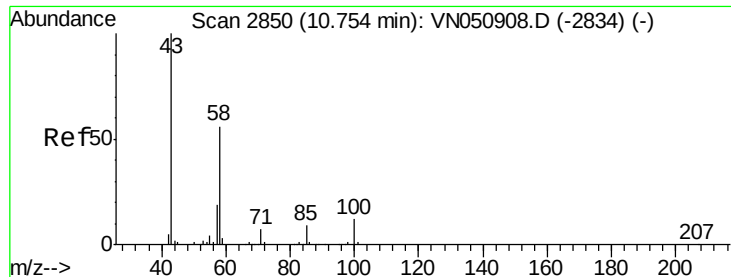
#58
4-Methyl-2-Pentanone
Concen: 123.36 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN051032.D
Acq: 6 Sep 2018 13:49

Tgt Ion: 43 Resp: 723563
Ion Ratio Lower Upper
43 100
58 40.9 32.3 48.5
85 19.0 14.9 22.3



Abundance Ion 43.00 (42.70 to 43.70): VN
Ion 58.00 (57.70 to 58.70): VN
Ion 85.00 (84.70 to 85.70): VN

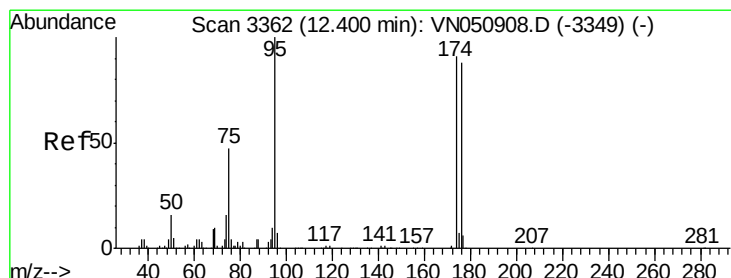
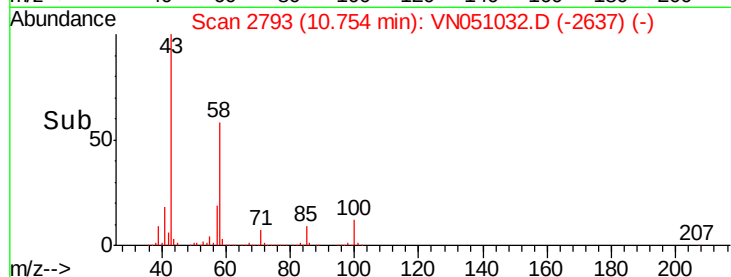
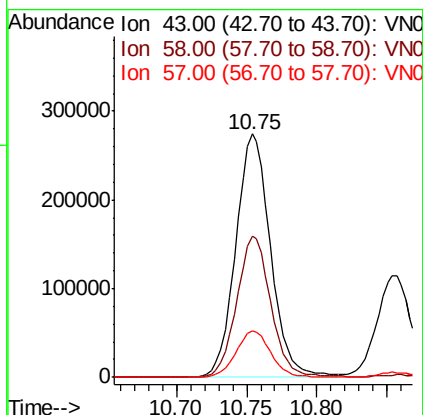
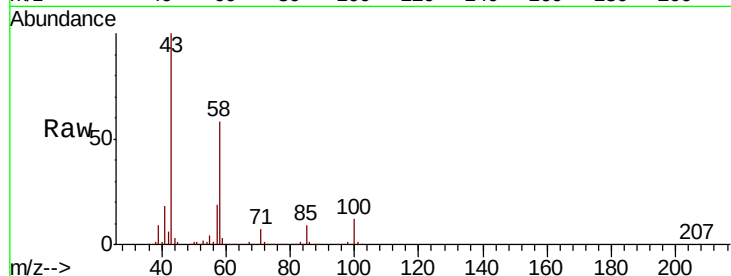




#59
2-Hexanone
Concen: 123.26 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051032.D
Acq: 6 Sep 2018 13:49

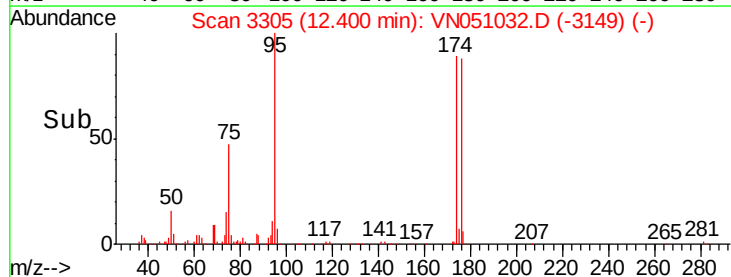
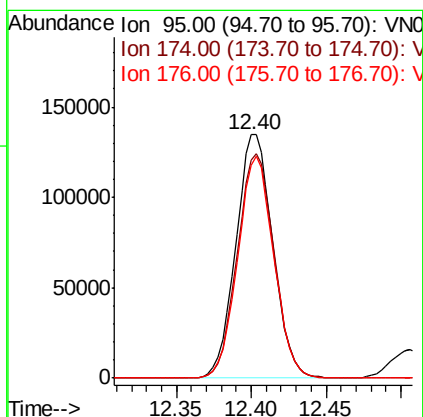
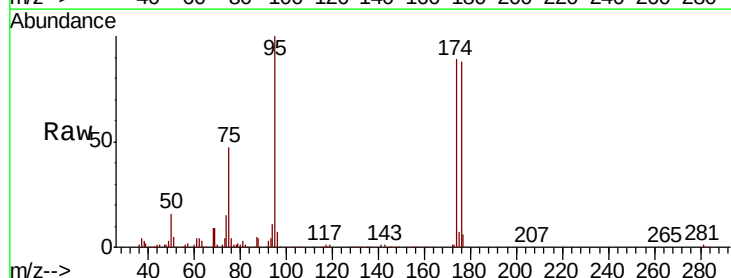
Instrument :
MSVOA_N
ClientSampled :
VN0906WBSD01

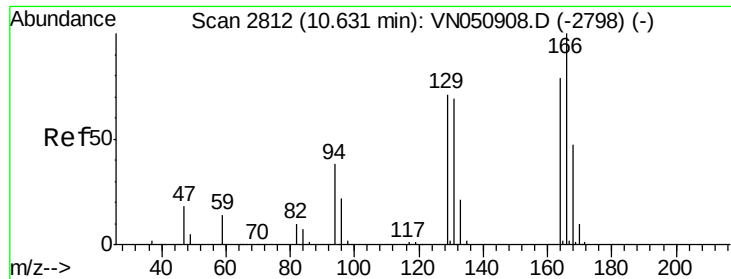
Tot Ion: 43 Resp: 472556
Ion Ratio Lower Upper
43 100
58 57.2 45.5 68.3
57 19.2 15.2 22.8



#60
4-Bromofluorobenzene
Concen: 30.33 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051032.D
Acq: 6 Sep 2018 13:49

Tgt Ion: 95 Resp: 231198
Ion Ratio Lower Upper
95 100
174 92.0 74.6 112.0
176 88.9 71.5 107.3





#61

Tetrachloroethene

Concen: 18.16 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN051032.D

Acq: 6 Sep 2018 13:49

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBSD01

Tot Ion:164 Resp: 115997

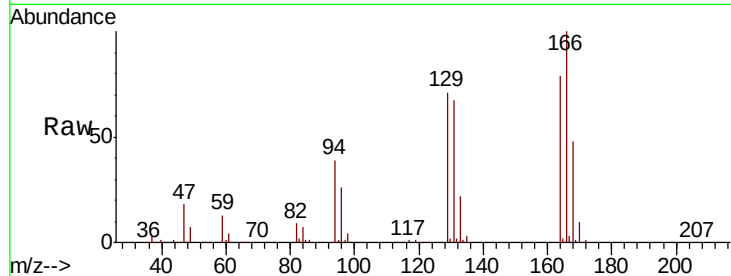
Ion Ratio Lower Upper

164 100

166 126.2 100.6 151.0

129 89.2 71.0 106.6

131 84.9 69.3 103.9

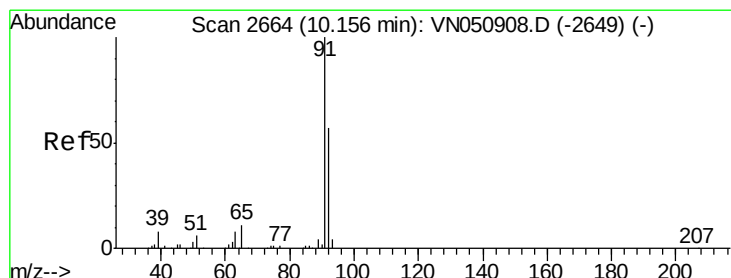
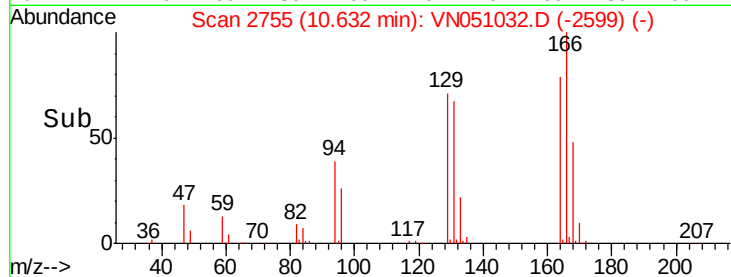
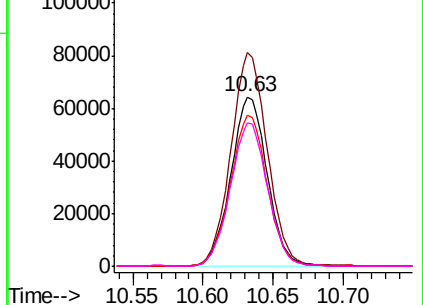


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.77 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN051032.D

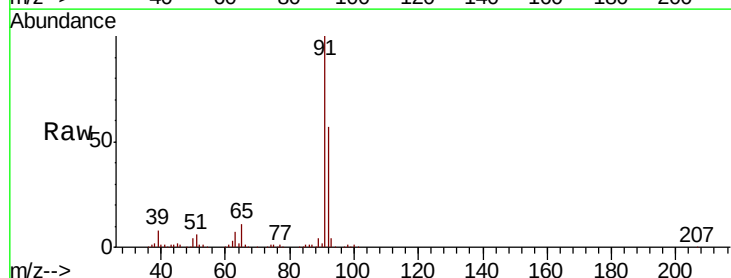
Acq: 6 Sep 2018 13:49

Tgt Ion: 91 Resp: 536871

Ion Ratio Lower Upper

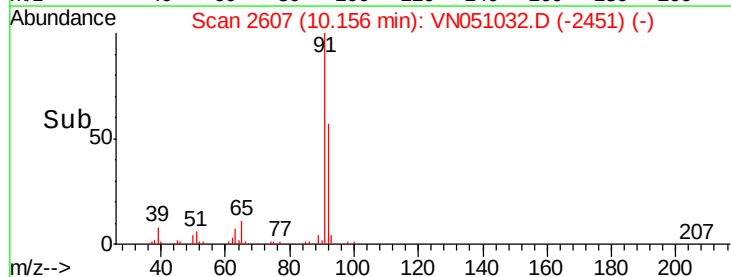
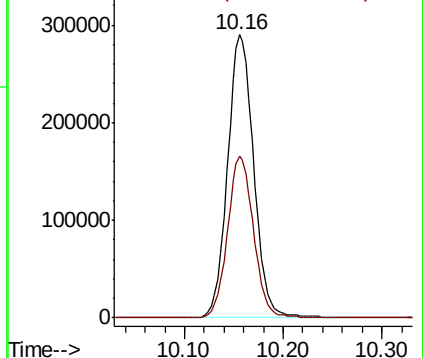
91 100

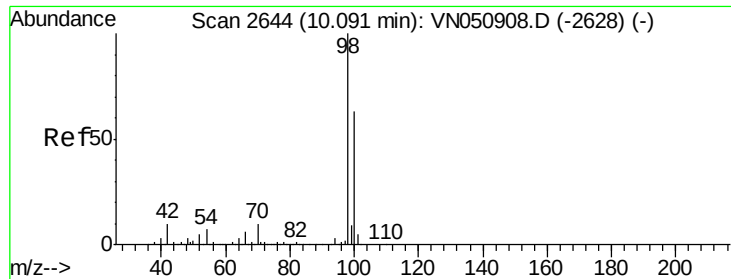
92 56.8 45.8 68.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.02 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051032.D

Acq: 6 Sep 2018 13:49

Instrument :

MSVOA_N

ClientSampleId :

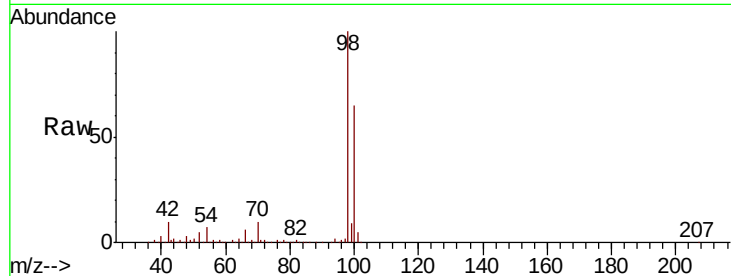
VN0906WBSD01

Tot Ion: 98 Resp: 717770

Ion Ratio Lower Upper

98 100

100 64.0 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN050908.D (-2628) (-)

Ion 100.00 (99.70 to 100.70): VN050908.D (-2628) (-)

10.09

400000

300000

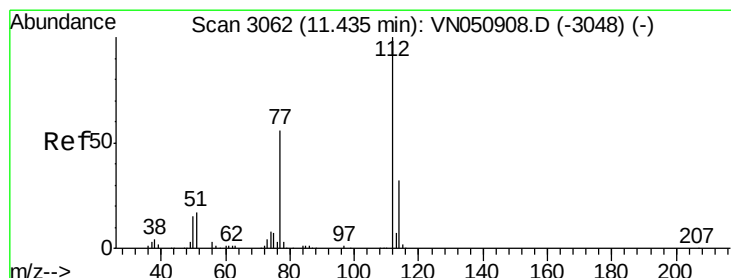
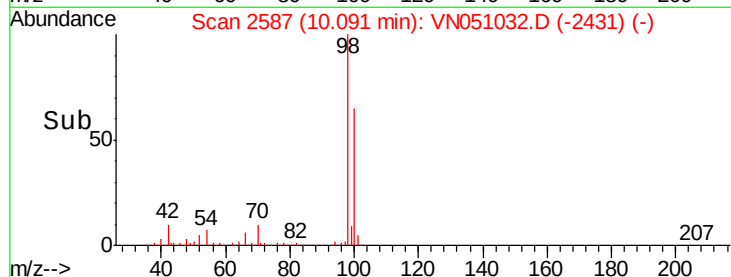
200000

100000

0

10.00 10.10 10.20

Time-->



#64

Chlorobenzene

Concen: 18.99 ug/l

RT: 11.44 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VN051032.D

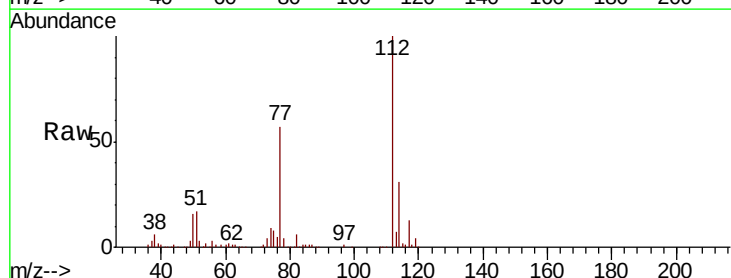
Acq: 6 Sep 2018 13:49

Tgt Ion: 112 Resp: 336575

Ion Ratio Lower Upper

112 100

114 31.0 25.5 38.3



Abundance Ion 112.00 (111.70 to 112.70): VN050908.D (-3048) (-)

Ion 114.00 (113.70 to 114.70): VN050908.D (-3048) (-)

11.44

200000

150000

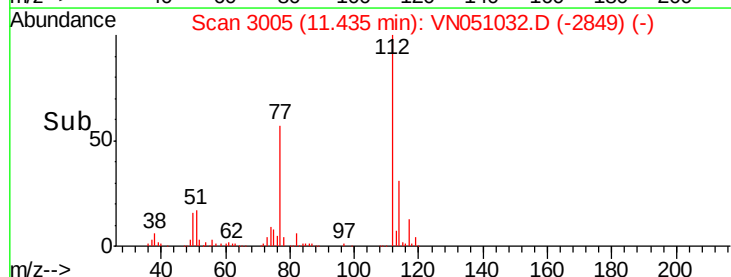
100000

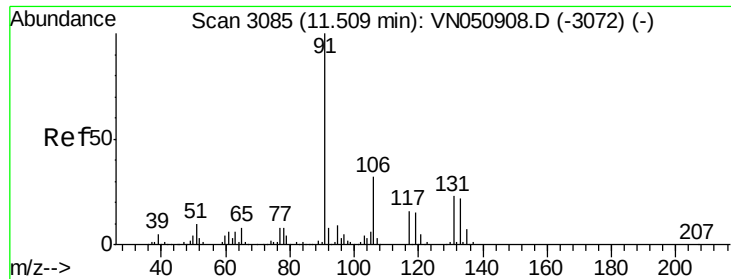
50000

0

11.40 11.50

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 20.41 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN051032.D

Acq: 6 Sep 2018 13:49

Instrument :

MSVOA_N

ClientSampled :

VN0906WBSD01

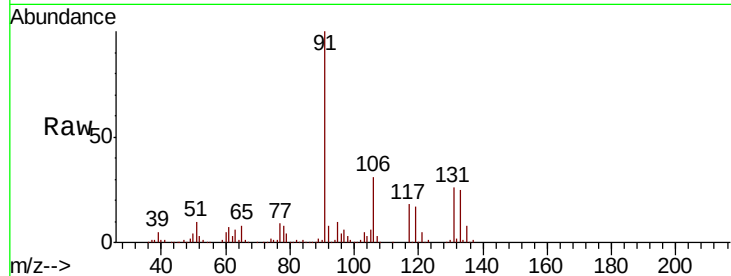
Tot Ion:131 Resp: 136598

Ion Ratio Lower Upper

131 100

133 95.8 0.0 189.4

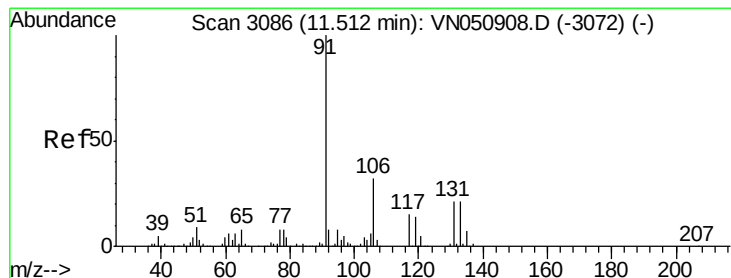
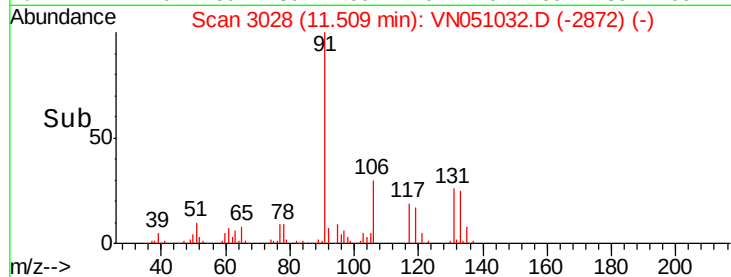
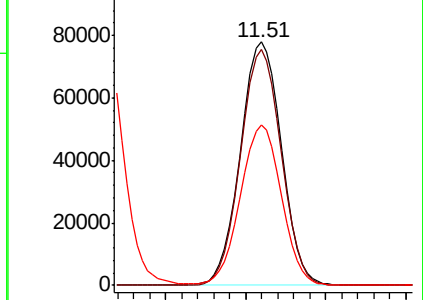
119 65.9 0.0 132.2



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 17.54 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN051032.D

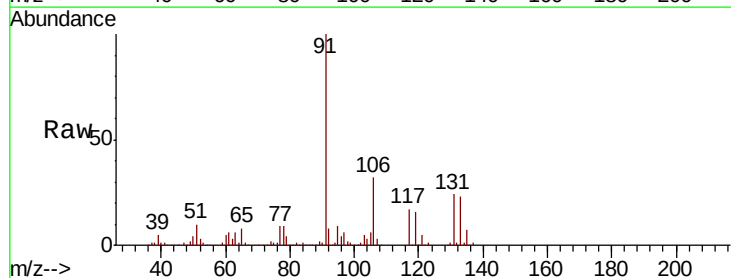
Acq: 6 Sep 2018 13:49

Tgt Ion: 91 Resp: 519558

Ion Ratio Lower Upper

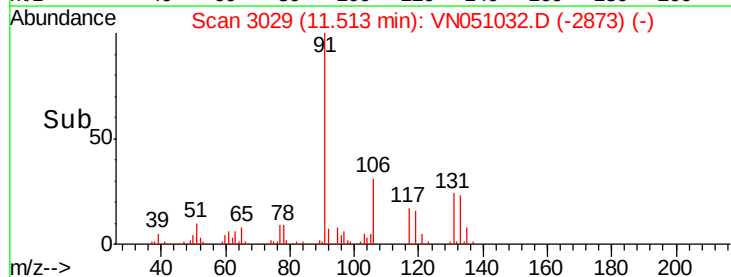
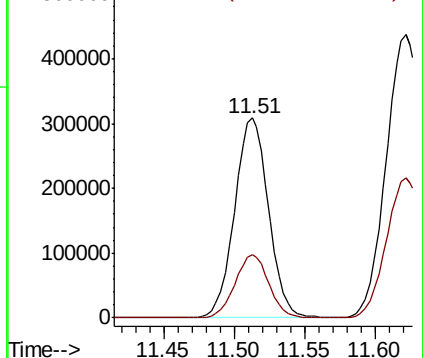
91 100

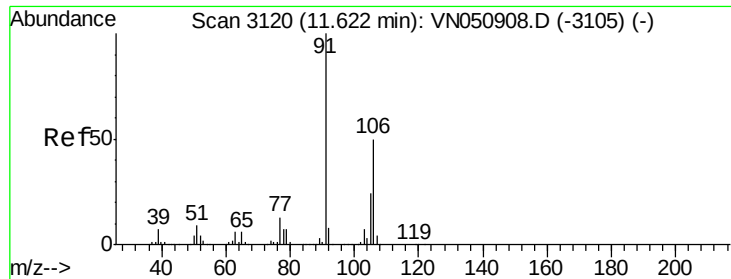
106 31.5 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 36.43 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN051032.D

Acq: 6 Sep 2018 13:49

Instrument :

MSVOA_N

ClientSampleId :

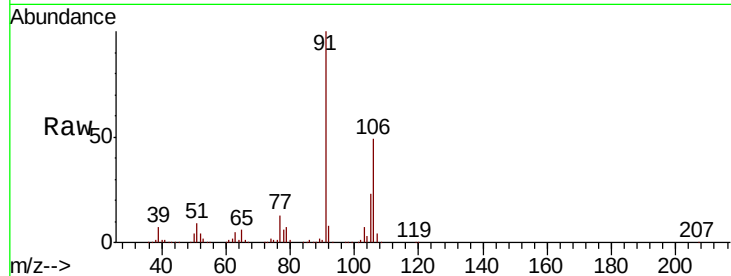
VN0906WBSD01

Tot Ion:106 Resp: 415266

Ion Ratio Lower Upper

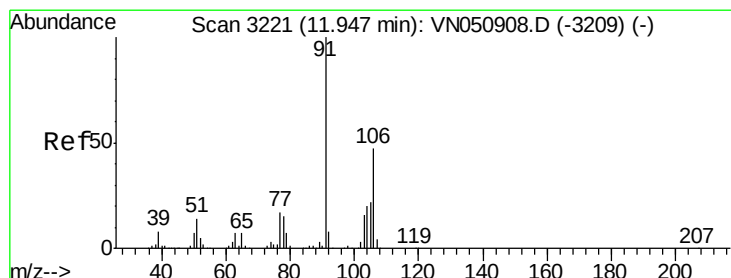
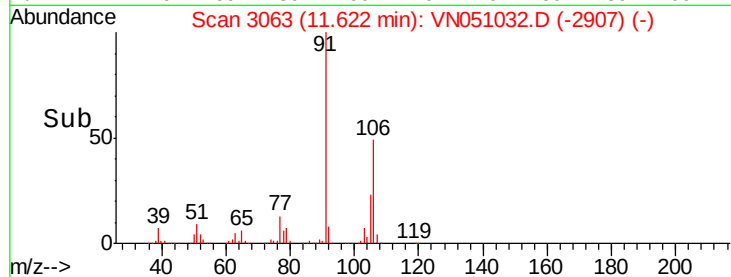
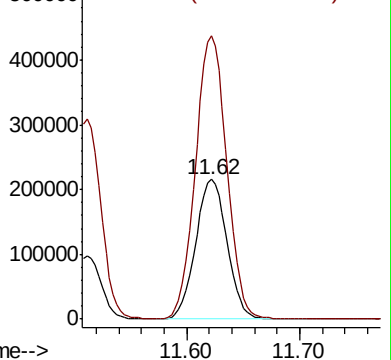
106 100

91 202.2 160.6 241.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#68

o-Xylene

Concen: 18.70 ug/l

RT: 11.95 min Scan# 3165

Delta R.T. 0.00 min

Lab File: VN051032.D

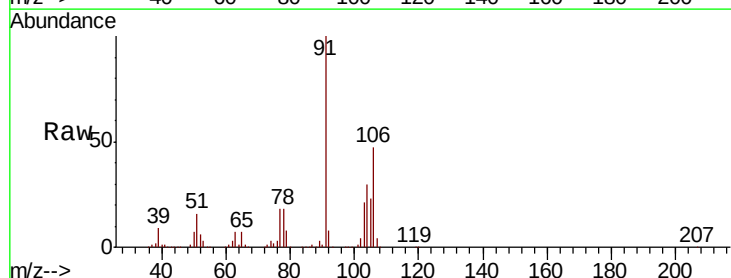
Acq: 6 Sep 2018 13:49

Tgt Ion:106 Resp: 203697

Ion Ratio Lower Upper

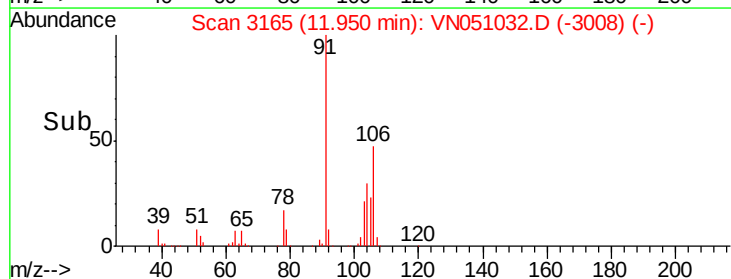
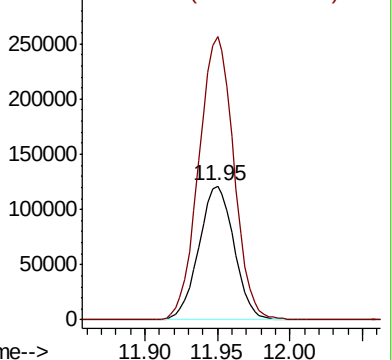
106 100

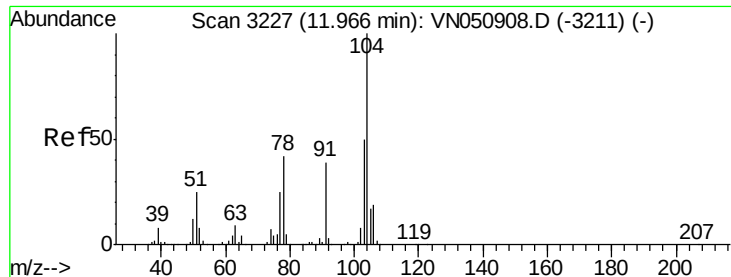
91 211.7 106.4 319.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

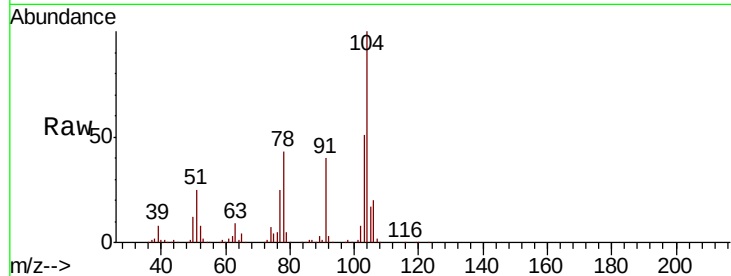




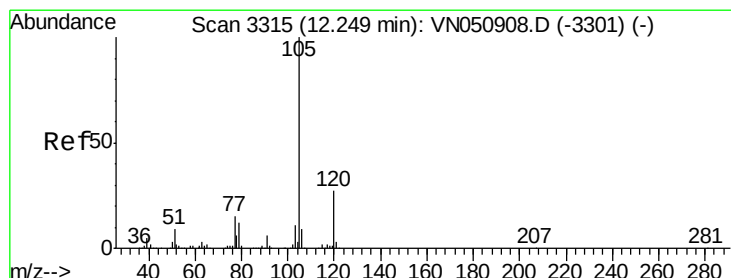
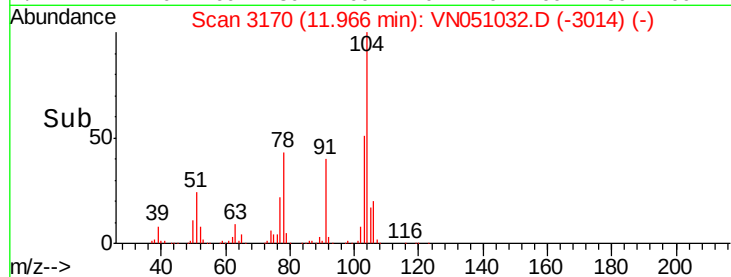
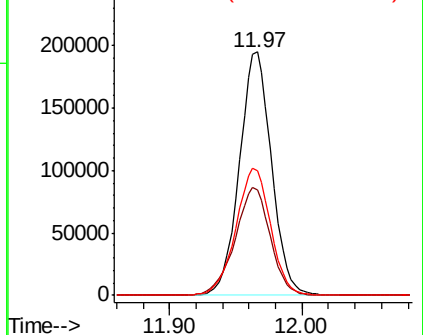
#69
Stvrene
Concen: 18.94 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN051032.D
Acq: 6 Sep 2018 13:49

Instrument :
MSVOA_N
ClientSampleId :
VN0906WBSD01

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.6	38.6	58.0
103	56.5	45.4	68.2

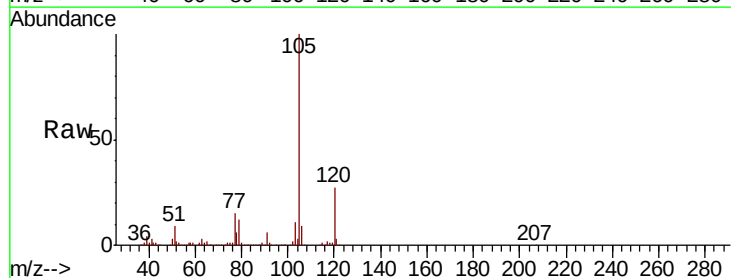


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

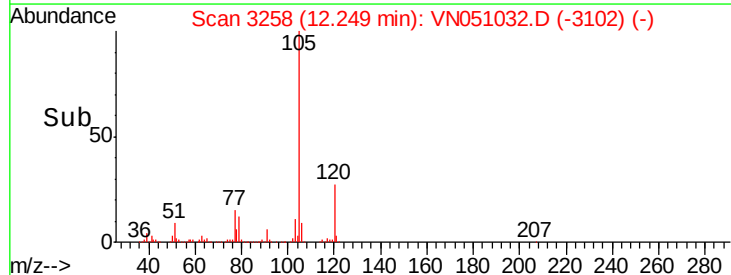
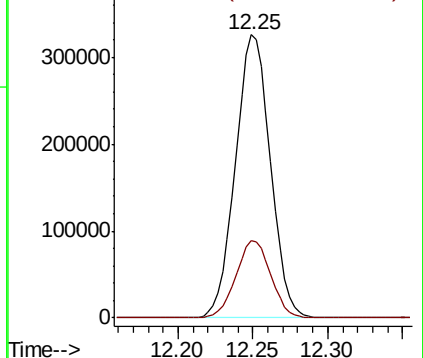


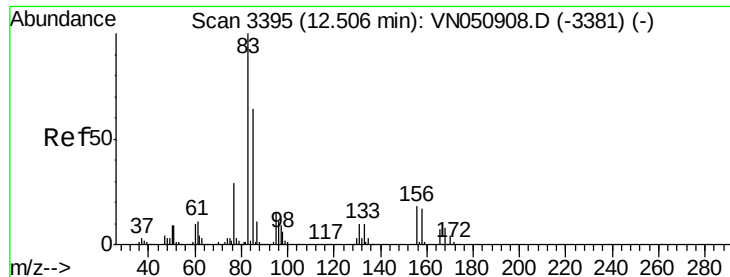
#70
Isopropylbenzene
Concen: 18.28 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN051032.D
Acq: 6 Sep 2018 13:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	18.6	34.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

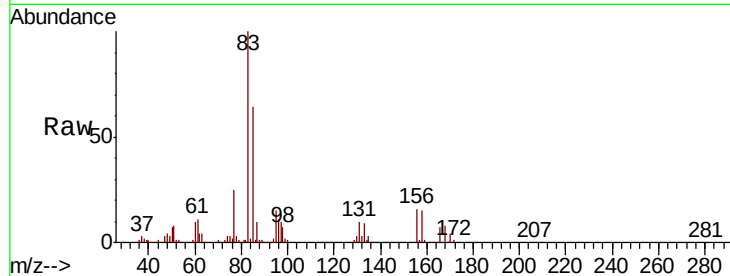




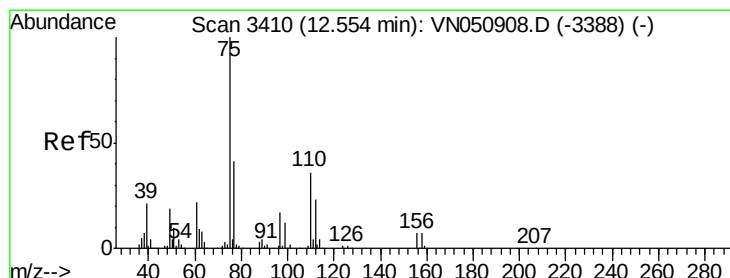
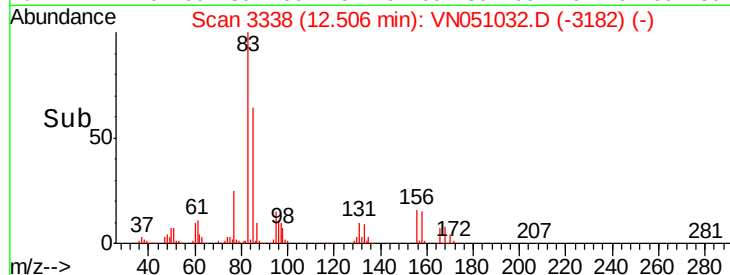
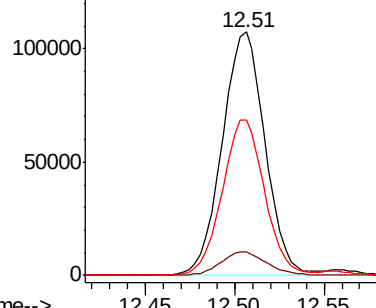
#71
 1,1,2,2-Tetrachloroethane
 Concen: 22.93 ug/l
 RT: 12.51 min Scan# 3338
 Delta R.T. 0.00 min
 Lab File: VN051032.D
 Acq: 6 Sep 2018 13:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBSD01

Tot Ion: 83 Resp: 179642
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.3 15.9
 85 63.6 32.3 96.9

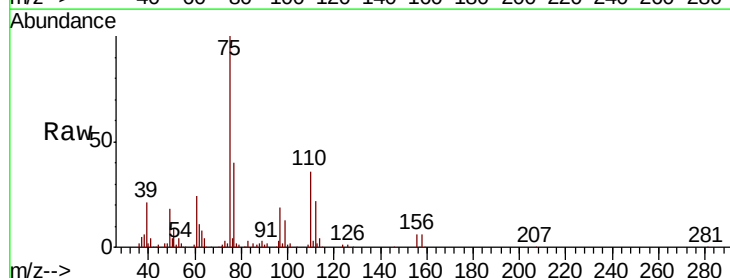


Abundance Ion 83.00 (82.70 to 83.70): VN0
 Ion 131.00 (130.70 to 131.70): V
 Ion 85.00 (84.70 to 85.70): VN0

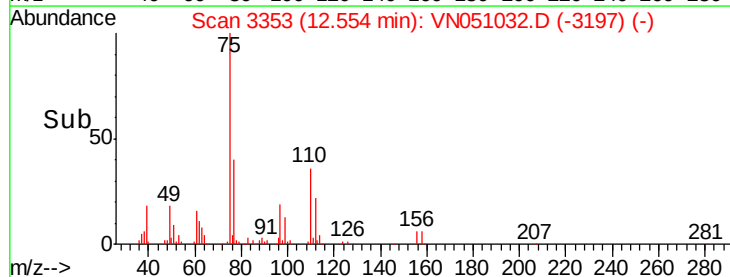
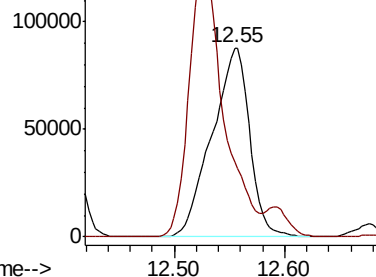


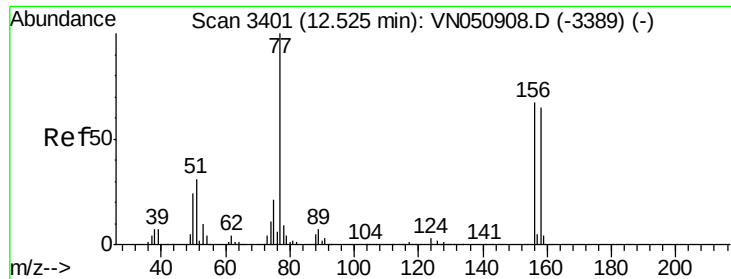
#72
 1,2,3-Trichloropropane
 Concen: 30.85 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. 0.00 min
 Lab File: VN051032.D
 Acq: 6 Sep 2018 13:49

Tgt Ion: 75 Resp: 208575
 Ion Ratio Lower Upper
 75 100
 77 132.3 0.0 301.6



Abundance Ion 75.00 (74.70 to 75.70): VN0
 Ion 77.00 (76.70 to 77.70): VN0





#73

Bromobenzene

Concen: 19.71 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN051032.D

Acq: 6 Sep 2018 13:49

Instrument :

MSVOA_N

ClientSampled :

VN0906WBSD01

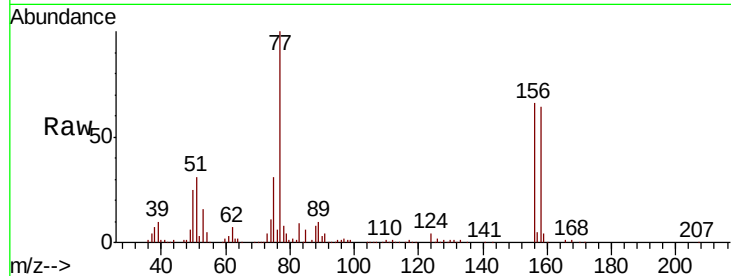
Tot Ion:156 Resp: 150100

Ion Ratio Lower Upper

156 100

77 183.9 0.0 359.4

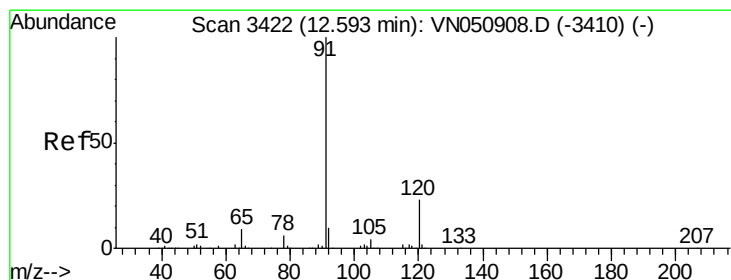
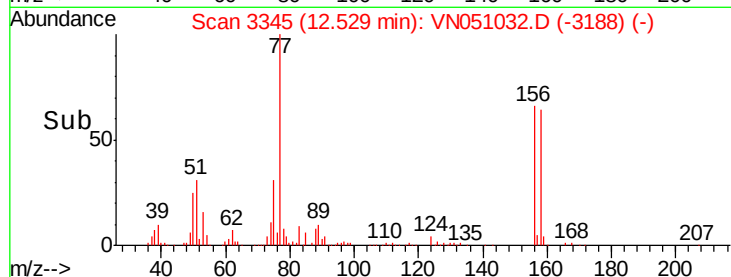
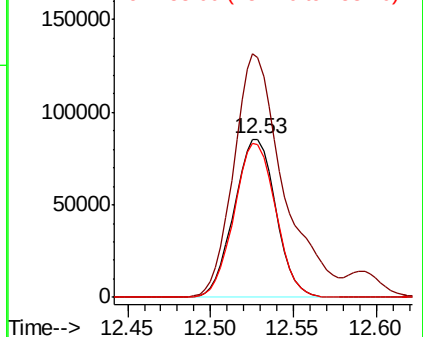
158 97.4 0.0 194.6



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 17.76 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051032.D

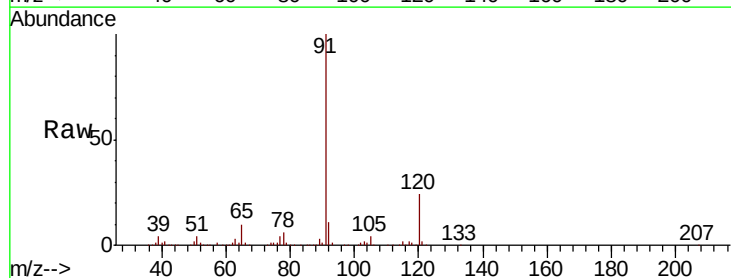
Acq: 6 Sep 2018 13:49

Tgt Ion: 91 Resp: 581097

Ion Ratio Lower Upper

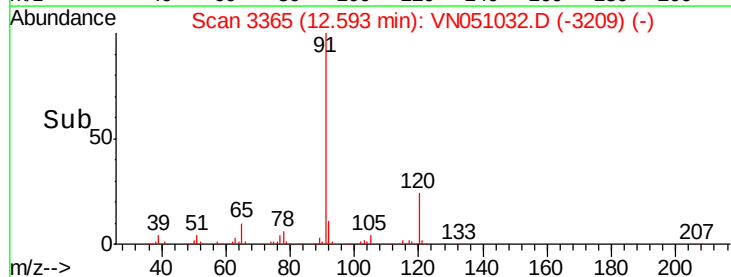
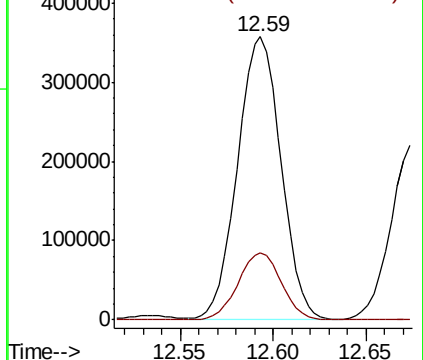
91 100

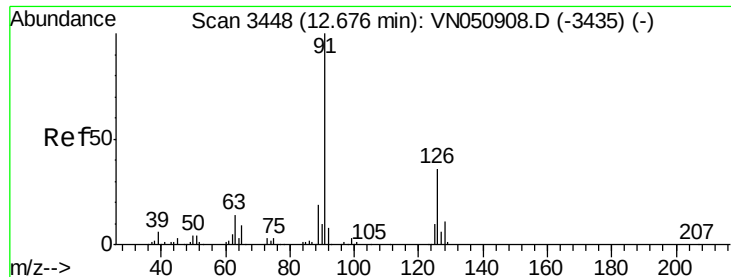
120 23.6 0.0 46.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.65 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN051032.D

Acq: 6 Sep 2018 13:49

Instrument :

MSVOA_N

ClientSampled :

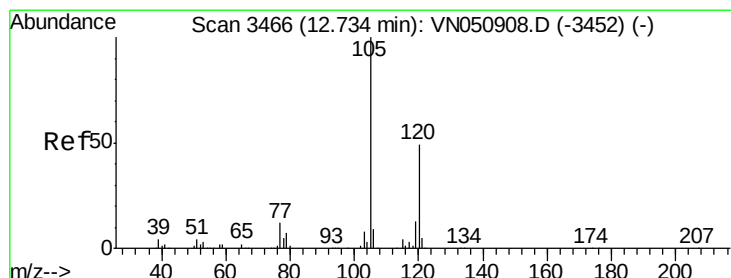
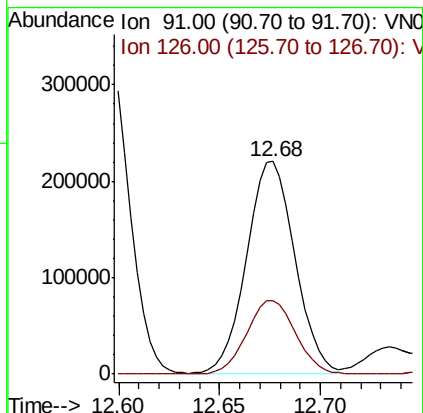
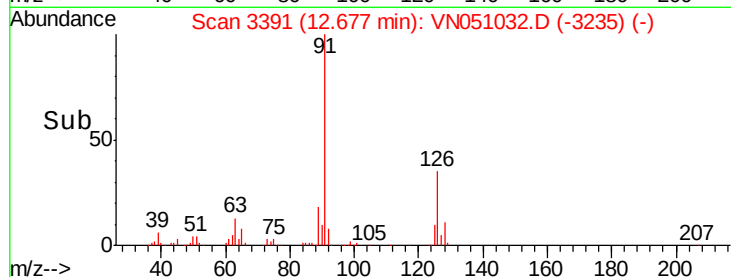
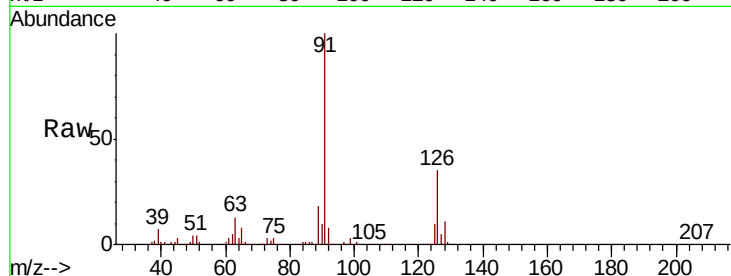
VN0906WBSD01

Tot Ion: 91 Resp: 370793

Ion Ratio Lower Upper

91 100

126 35.0 0.0 71.8



#76

1,3,5-Trimethylbenzene

Concen: 18.28 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051032.D

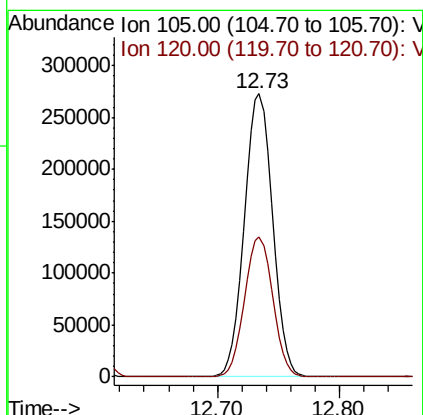
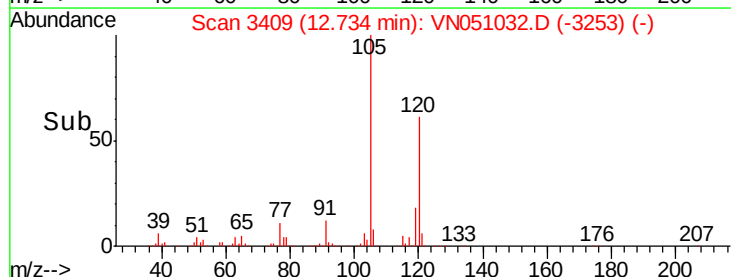
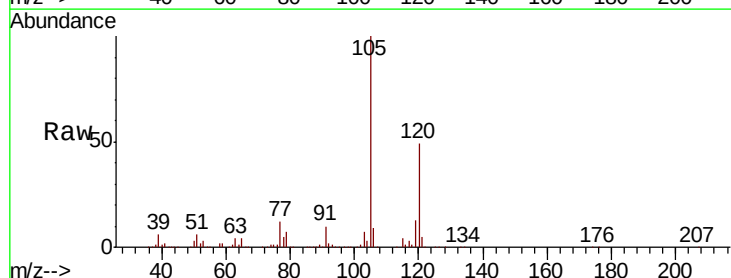
Acq: 6 Sep 2018 13:49

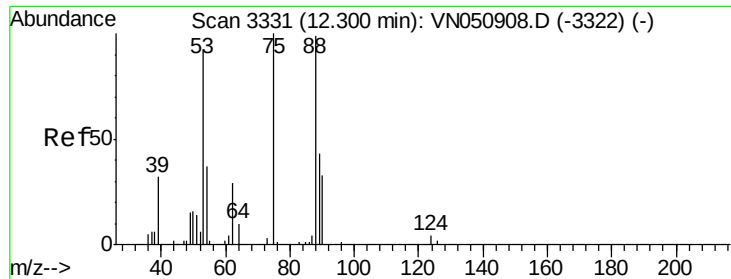
Tgt Ion: 105 Resp: 432319

Ion Ratio Lower Upper

105 100

120 49.6 0.0 99.6

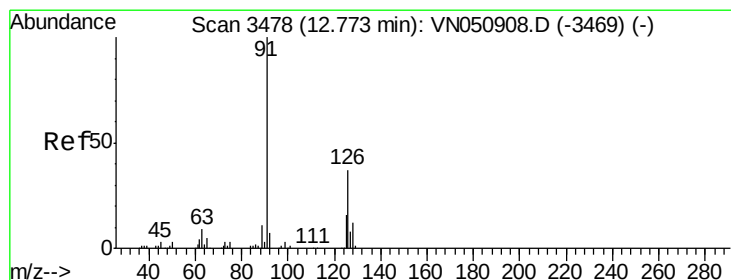
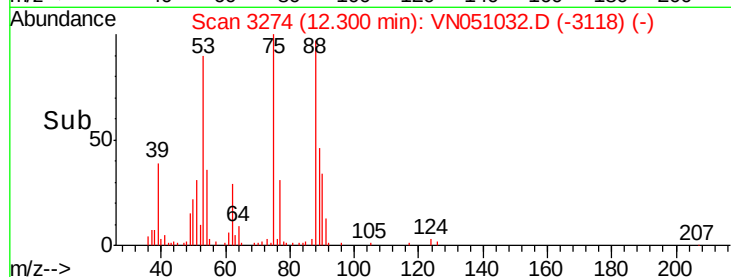
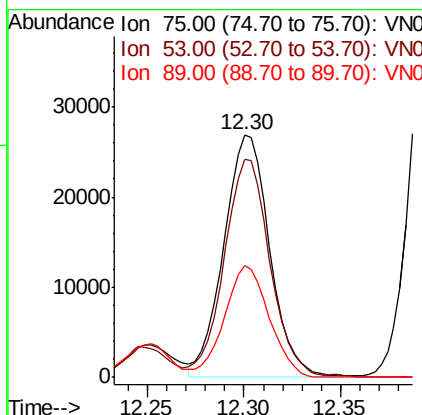
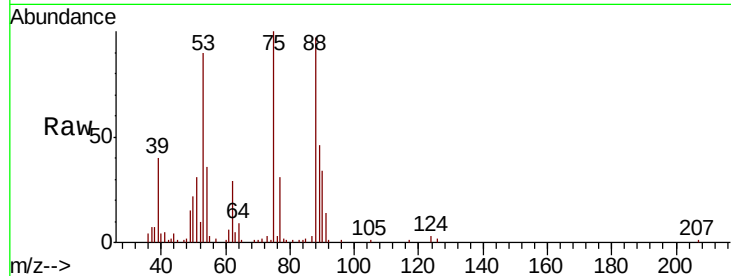




#77
t-1,4-Dichloro-2-butene
Concen: 23.03 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN051032.D
Acq: 6 Sep 2018 13:49

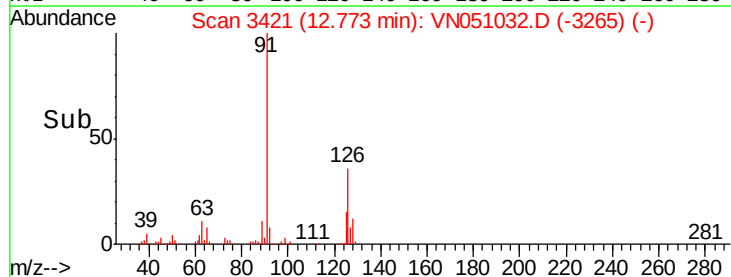
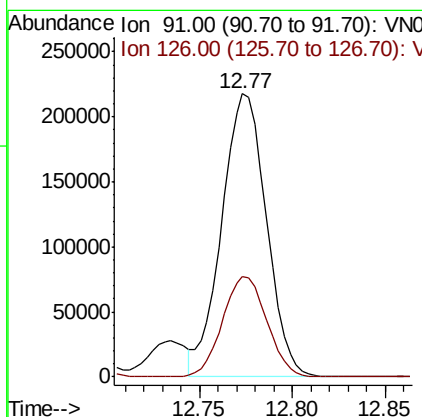
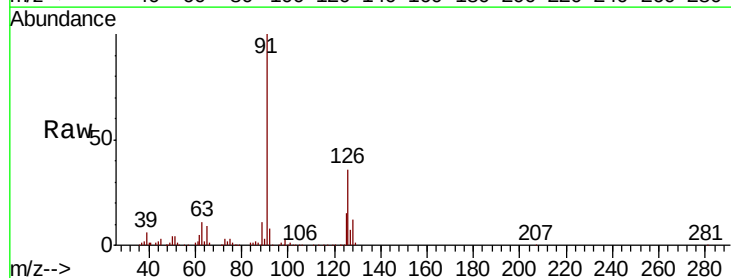
Instrument :
MSVOA_N
ClientSampled :
VN0906WBSD01

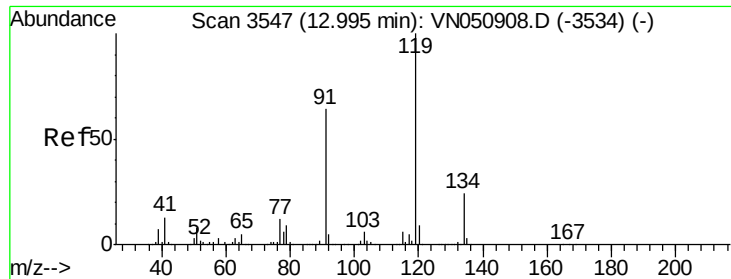
Tot Ion: 75 Resp: 44357
Ion Ratio Lower Upper
75 100
53 89.6 45.5 136.4
89 46.1 21.9 65.8



#78
4-Chlorotoluene
Concen: 18.55 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN051032.D
Acq: 6 Sep 2018 13:49

Tgt Ion: 91 Resp: 362982
Ion Ratio Lower Upper
91 100
126 35.3 0.0 69.8

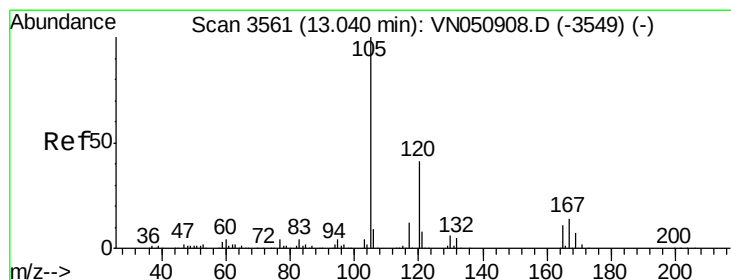
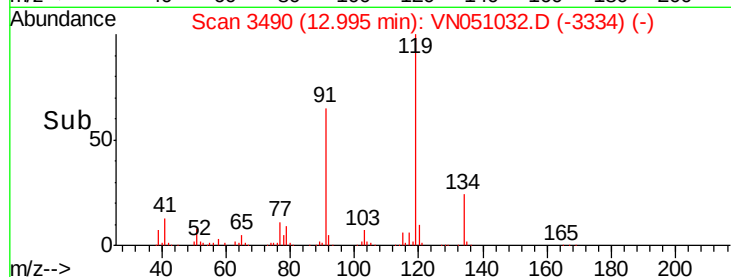
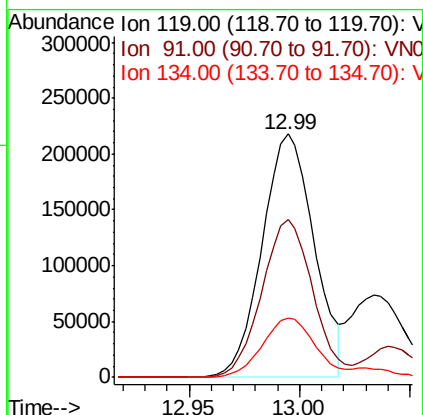
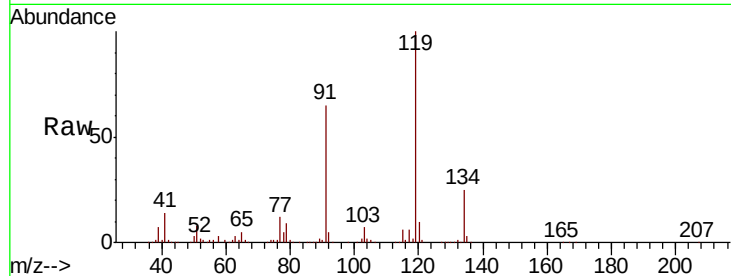




#79
tert-butylbenzene
Concen: 17.34 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN051032.D
Acq: 6 Sep 2018 13:49

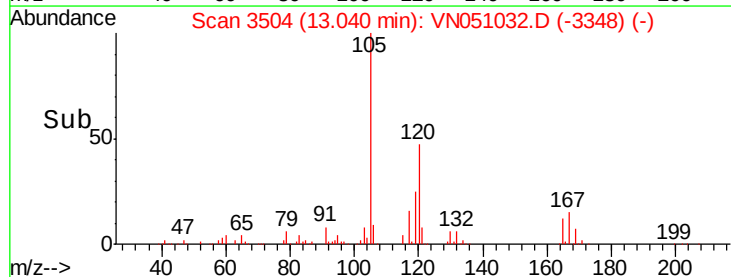
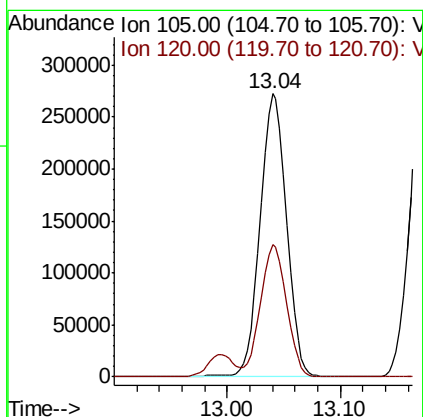
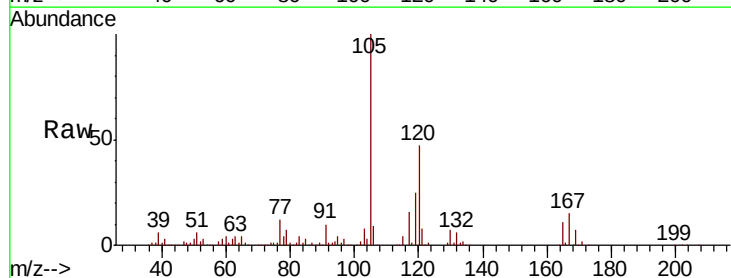
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBSD01

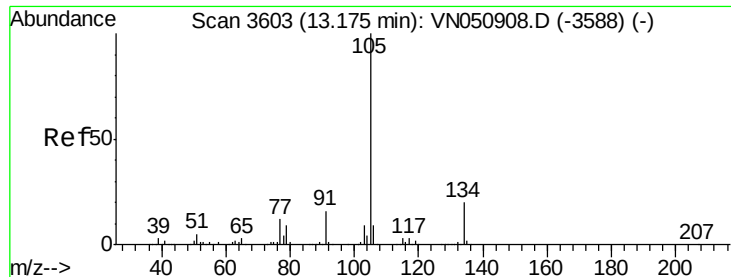
Tot Ion:119 Resp: 356206
Ion Ratio Lower Upper
119 100
91 64.0 0.0 125.6
134 24.7 0.0 48.4



#80
1,2,4-Trimethylbenzene
Concen: 18.78 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN051032.D
Acq: 6 Sep 2018 13:49

Tgt Ion:105 Resp: 442848
Ion Ratio Lower Upper
105 100
120 46.4 0.0 93.6





#81

sec-Butylbenzene

Concen: 17.91 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN051032.D

Acq: 6 Sep 2018 13:49

Instrument :

MSVOA_N

ClientSampleId :

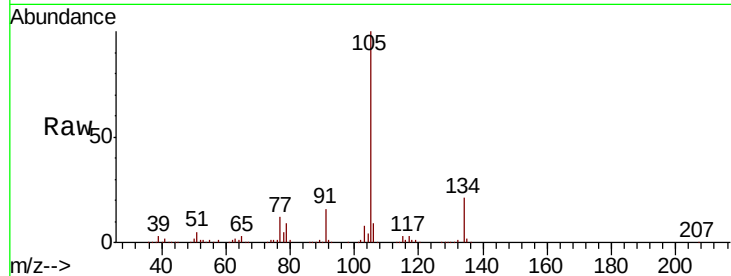
VN0906WBSD01

Tot Ion:105 Resp: 481249

Ion Ratio Lower Upper

105 100

134 20.8 0.0 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

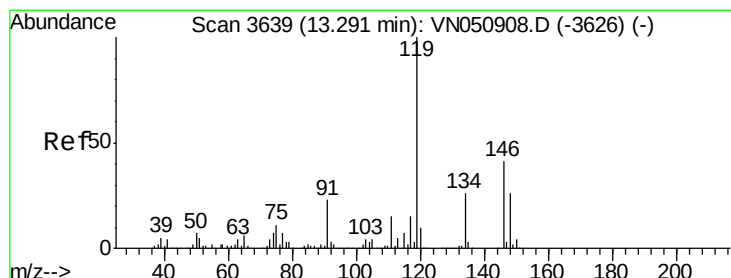
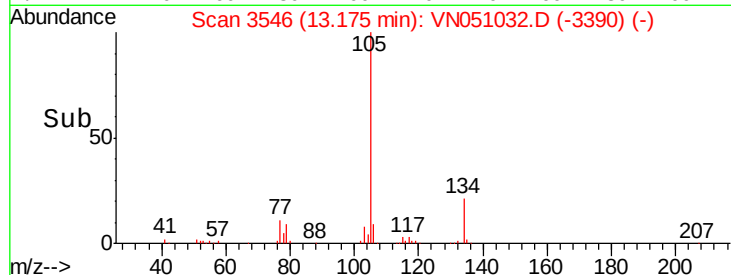
300000

200000

100000

0

Time--> 13.10 13.15 13.20 13.25



#82

p-Isopropyltoluene

Concen: 17.98 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051032.D

Acq: 6 Sep 2018 13:49

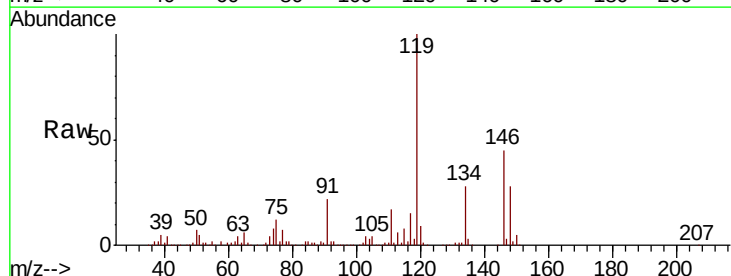
Tgt Ion:119 Resp: 417139

Ion Ratio Lower Upper

119 100

134 27.4 0.0 53.2

91 22.6 0.0 46.0



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

13.29

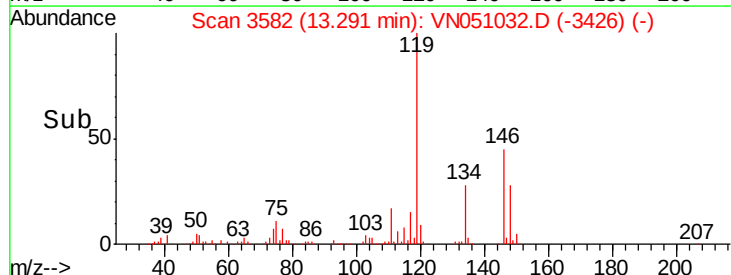
300000

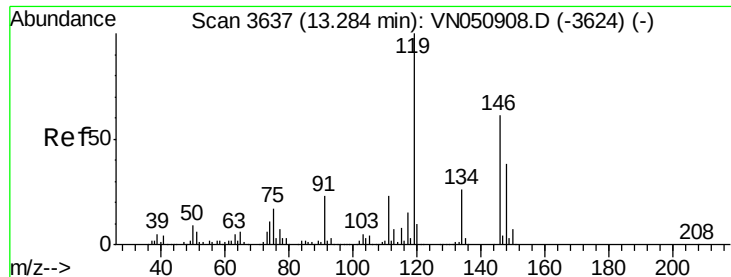
200000

100000

0

Time--> 13.20 13.25 13.30 13.35





#83

1,3-Dichlorobenzene

Concen: 18.99 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN051032.D

Acq: 6 Sep 2018 13:49

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBSD01

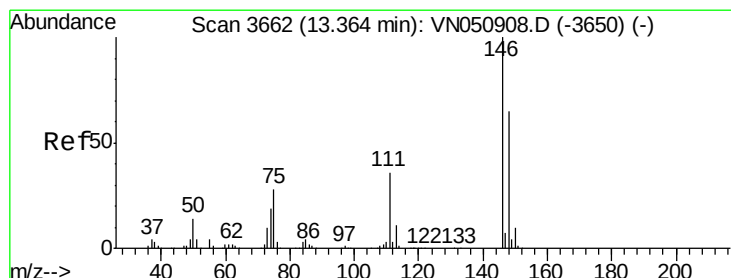
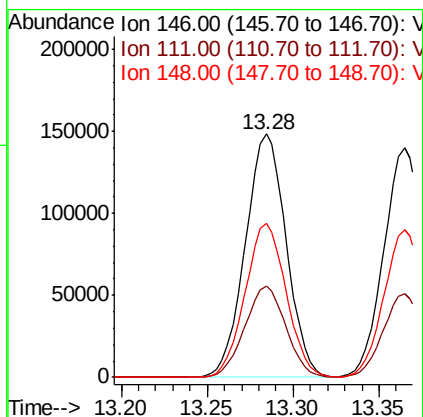
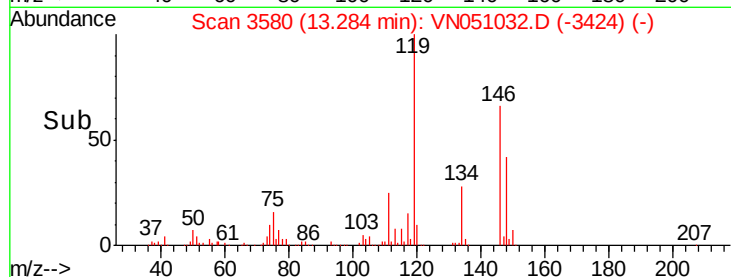
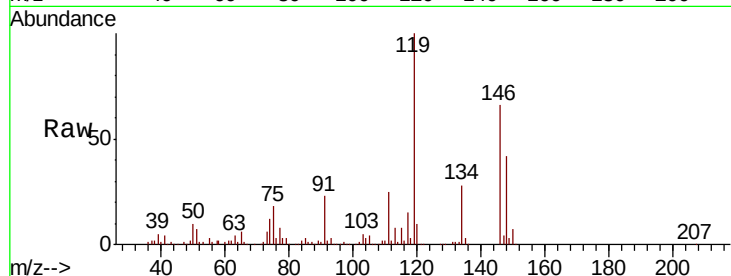
Tot Ion:146 Resp: 244496

Ion Ratio Lower Upper

146 100

111 37.6 18.6 55.6

148 63.4 31.8 95.3



#84

1,4-Dichlorobenzene

Concen: 18.81 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN051032.D

Acq: 6 Sep 2018 13:49

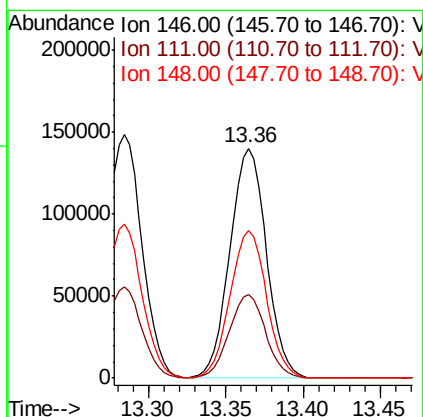
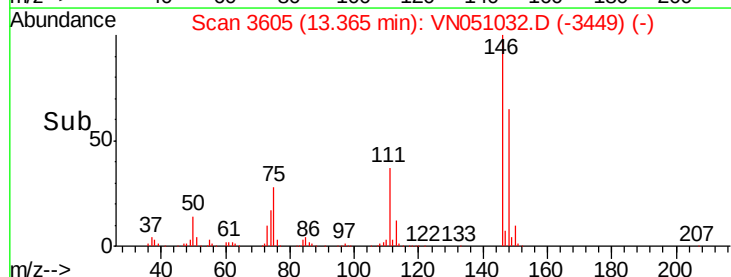
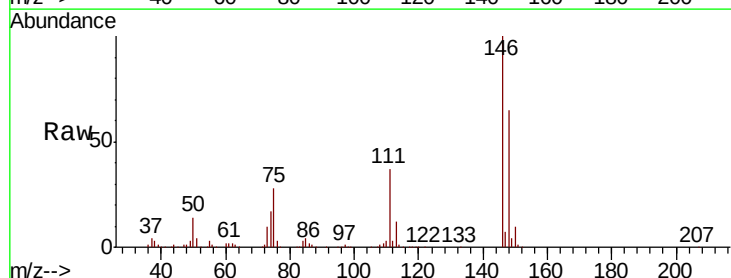
Tgt Ion:146 Resp: 229393

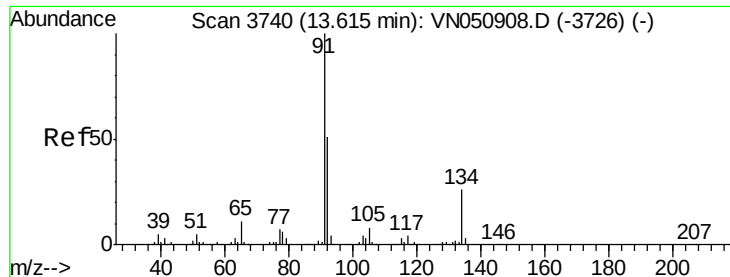
Ion Ratio Lower Upper

146 100

111 36.3 17.7 53.1

148 63.9 31.6 94.8





#85

n-Butylbenzene

Concen: 17.47 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN051032.D

Acq: 6 Sep 2018 13:49

Instrument :

MSVOA_N

ClientSampled :

VN0906WBSD01

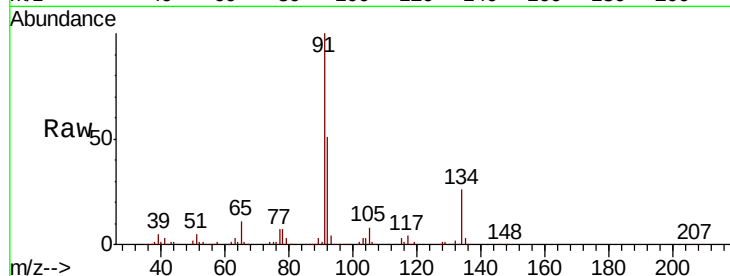
Tot Ion: 91 Resp: 309172

Ion Ratio Lower Upper

91 100

92 50.5 0.0 101.8

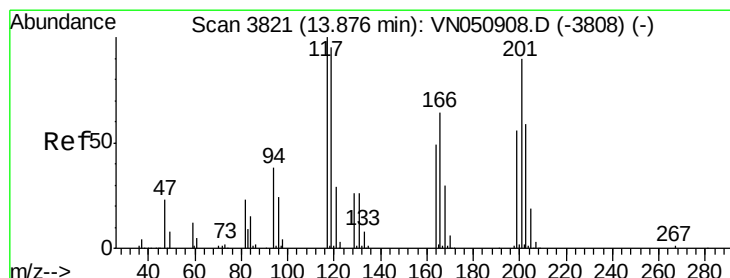
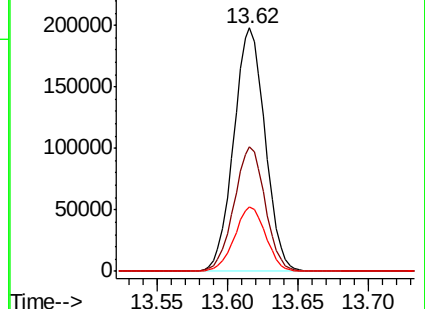
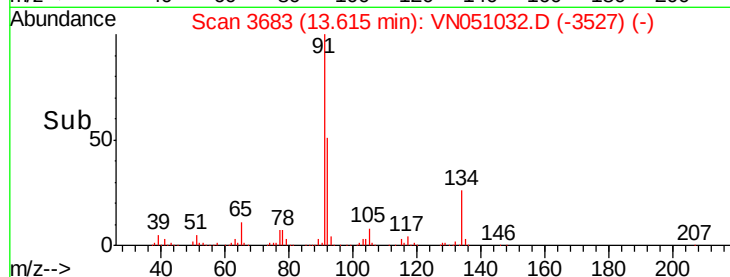
134 26.0 0.0 52.2



Abundance Ion 91.00 (90.70 to 91.70): VN051032.D (-3527) (-)

Ion 92.00 (91.70 to 92.70): VN051032.D (-3527) (-)

Ion 134.00 (133.70 to 134.70): VN051032.D (-3527) (-)



#86

Hexachloroethane

Concen: 17.83 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN051032.D

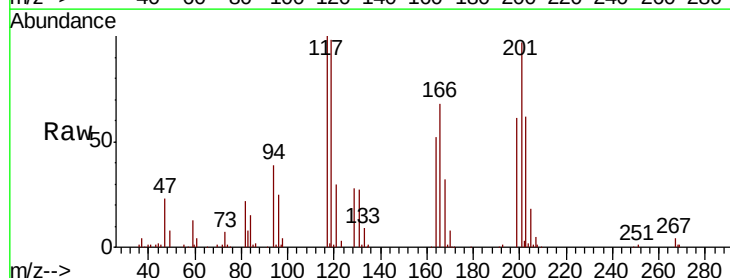
Acq: 6 Sep 2018 13:49

Tgt Ion: 117 Resp: 79379

Ion Ratio Lower Upper

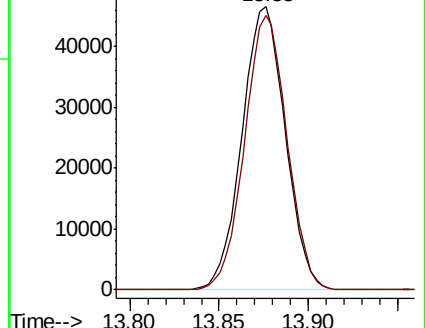
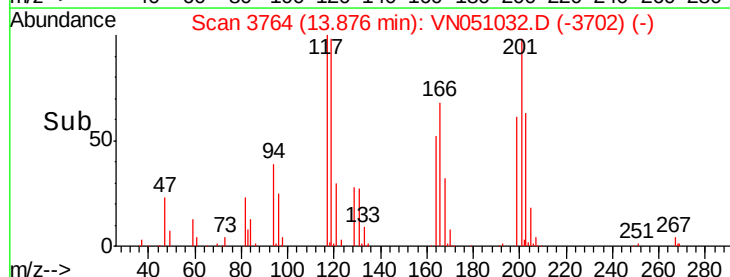
117 100

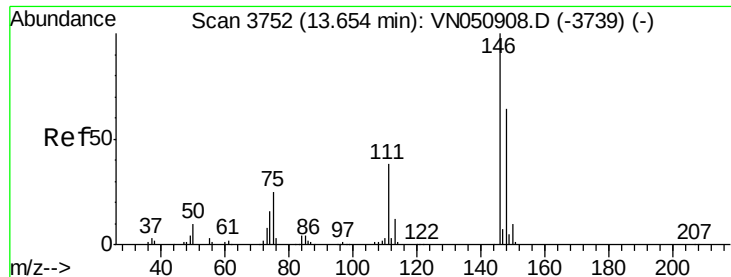
201 94.6 45.8 137.4



Abundance Ion 117.00 (116.70 to 117.70): VN051032.D (-3702) (-)

Ion 201.00 (200.70 to 201.70): VN051032.D (-3702) (-)

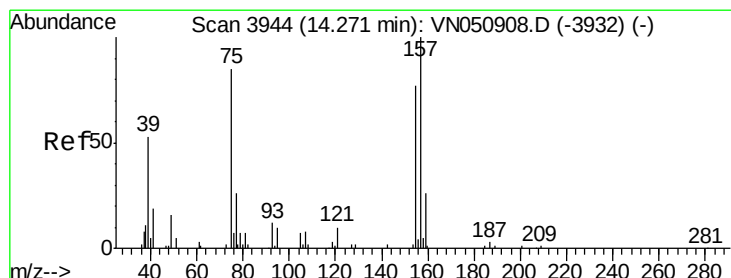
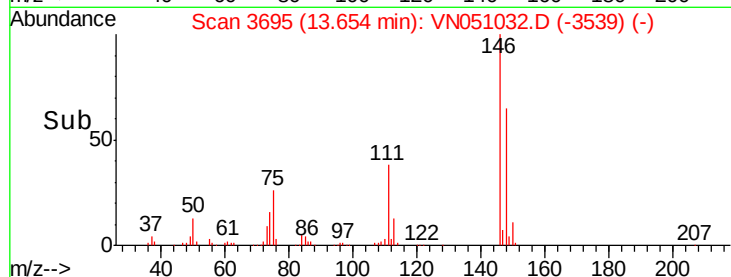
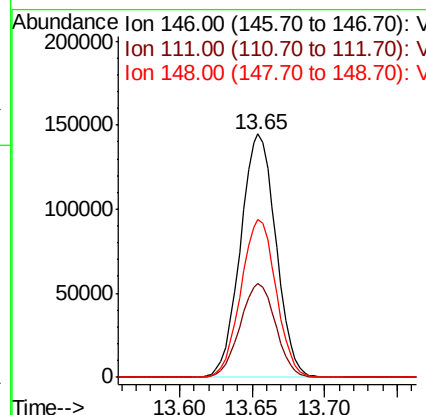
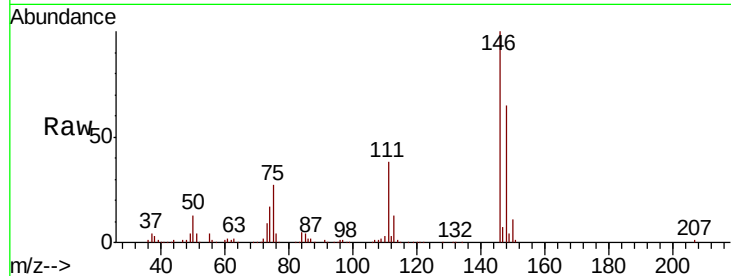




#87
 1,2-Dichlorobenzene
 Concen: 19.38 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN051032.D
 Acq: 6 Sep 2018 13:49

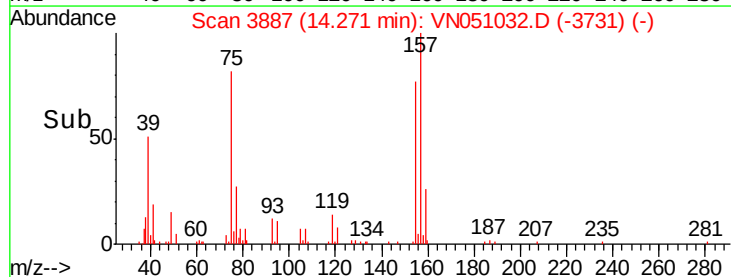
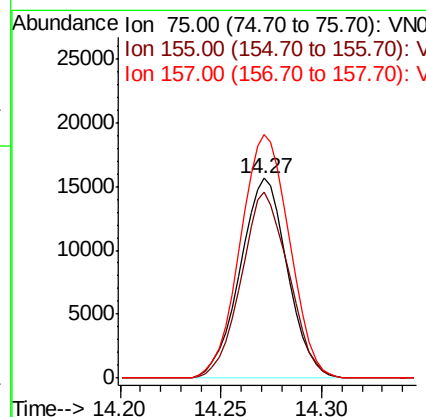
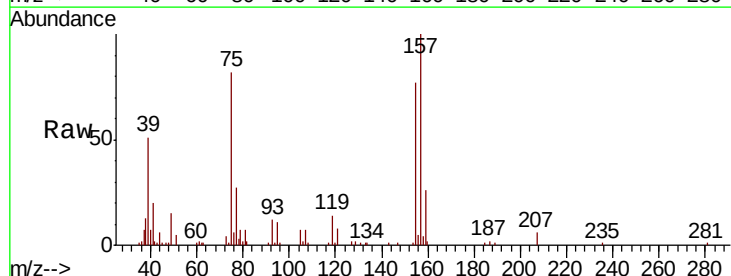
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBSD01

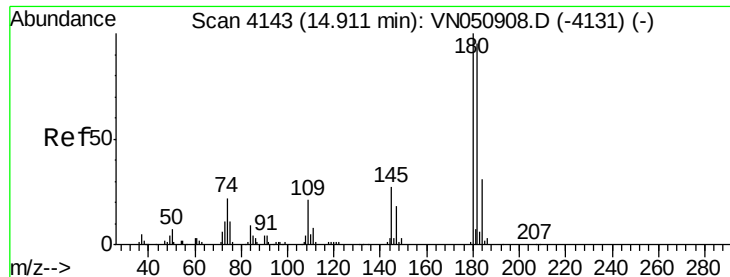
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.1	57.1
148	64.5	31.9	95.9



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 23.50 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN051032.D
 Acq: 6 Sep 2018 13:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.0	71.8	107.6
157	126.5	91.1	136.7

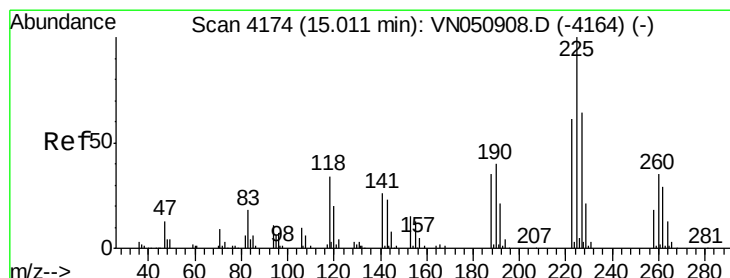
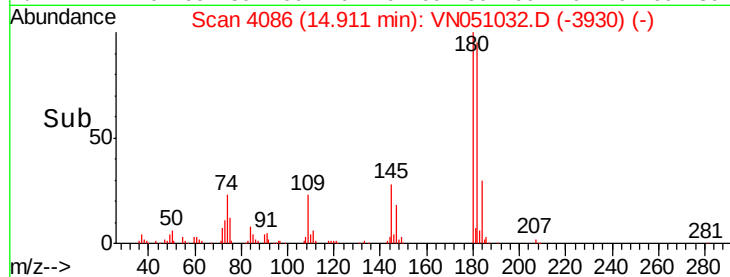
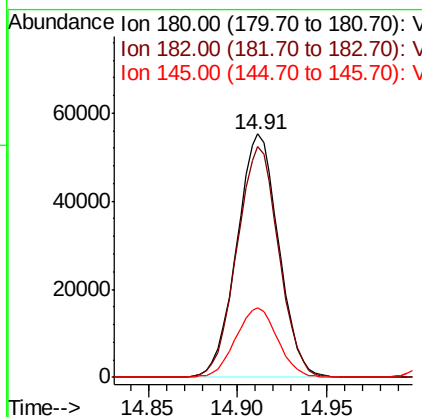
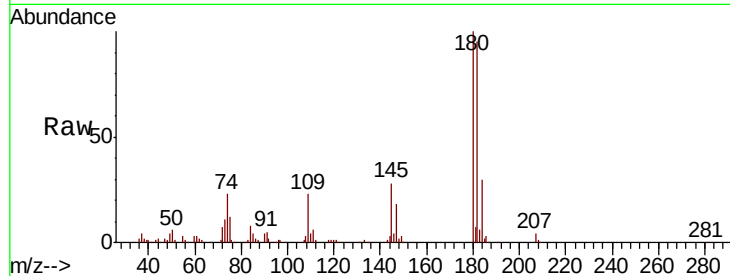




#89
 1,2,4-Trichlorobenzene
 Concen: 16.01 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051032.D
 Acq: 6 Sep 2018 13:49

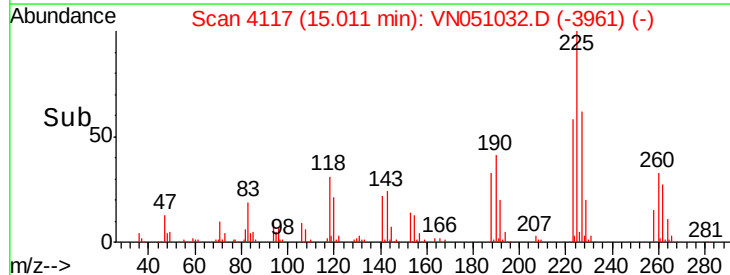
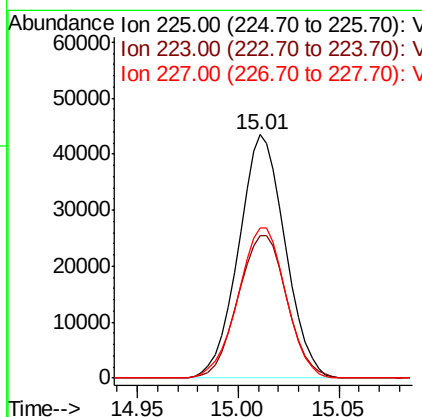
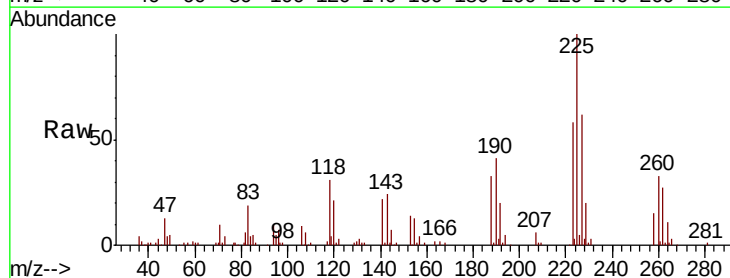
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBSD01

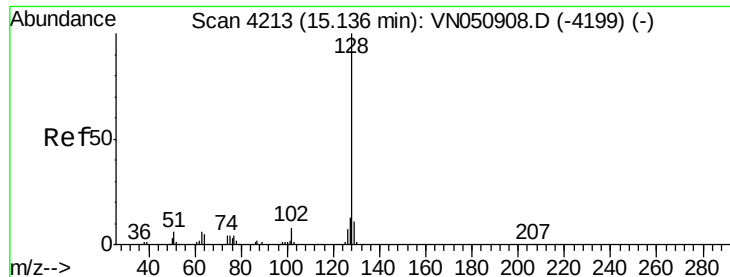
Tot Ion:180 Resp: 90334
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.2 114.4
 145 28.6 22.2 33.4



#90
 Hexachlorobutadiene
 Concen: 18.29 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051032.D
 Acq: 6 Sep 2018 13:49

Tgt Ion:225 Resp: 70088
 Ion Ratio Lower Upper
 225 100
 223 61.8 0.0 127.8
 227 63.4 0.0 128.4





#91

Naphthalene

Concen: 19.39 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN051032.D

Acq: 6 Sep 2018 13:49

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBSD01

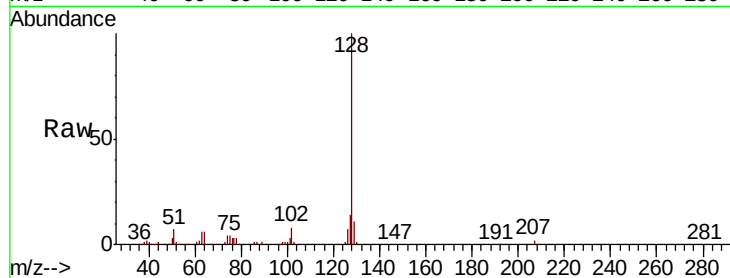
Tot Ion:128 Resp: 190726

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

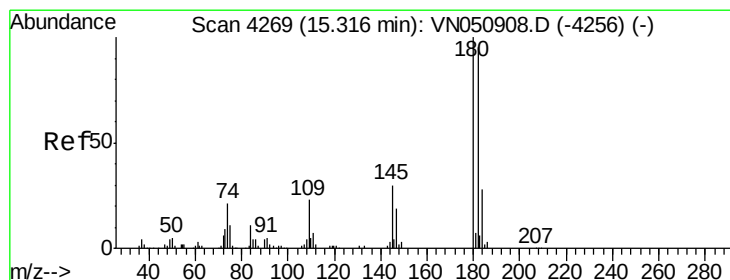
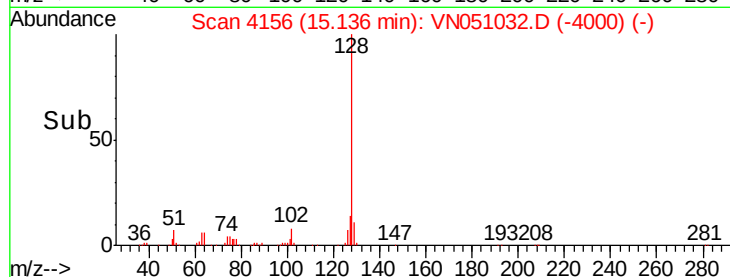
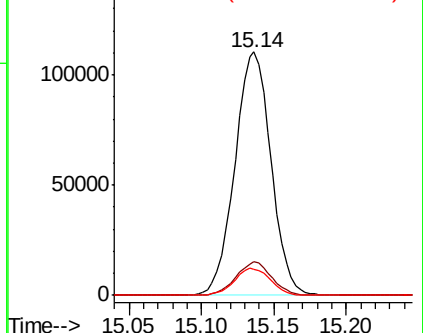
129 11.0 8.7 13.1



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



#92

1,2,3-Trichlorobenzene

Concen: 15.72 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN051032.D

Acq: 6 Sep 2018 13:49

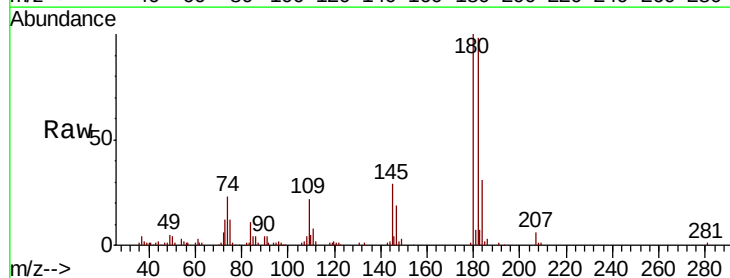
Tgt Ion:180 Resp: 88988

Ion Ratio Lower Upper

180 100

182 99.7 0.0 192.8

145 30.6 0.0 60.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

