

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022519\
 Data File : VN053934.D
 Acq On : 25 Feb 2019 17:22
 Operator : JC/SP
 Sample : VN02225WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBSD01

Quant Time: Feb 26 06:17:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 05:37:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	632290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1064734	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	915901	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	406224	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	387179	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
35) Dibromofluoromethane	7.59	113	344165	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
50) Toluene-d8	10.09	98	1257631	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
62) 4-Bromofluorobenzene	12.40	95	410579	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	122960	21.130	ug/l	98
3) Chloromethane	2.06	50	172955	21.428	ug/l	99
4) Vinyl Chloride	2.18	62	175066	21.647	ug/l	97
5) Bromomethane	2.57	94	112098	20.929	ug/l	98
6) Chloroethane	2.71	64	104287	20.734	ug/l	99
7) Trichlorofluoromethane	3.02	101	218235	21.123	ug/l	100
8) Diethyl Ether	3.41	74	83299	21.520	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.76	101	134701	20.643	ug/l	95
10) Methyl Iodide	3.95	142	177981	20.758	ug/l	98
11) Tert butyl alcohol	4.78	59	49078	104.451	ug/l	99
12) 1,1-Dichloroethene	3.74	96	130513	20.910	ug/l	92
13) Acrolein	3.60	56	46874	96.355	ug/l	99
14) Allyl chloride	4.32	41	232220	21.212	ug/l	95
15) Acrylonitrile	4.99	53	264196	106.684	ug/l	100
16) Acetone	3.81	43	206221	97.701	ug/l	97
17) Carbon Disulfide	4.05	76	405499	20.138	ug/l	99
18) Methyl Acetate	4.32	43	110357	21.293	ug/l	96
19) Methyl tert-butyl Ether	5.04	73	361995	21.620	ug/l	99
20) Methylene Chloride	4.55	84	150865	20.566	ug/l	90
21) trans-1,2-Dichloroethene	5.04	96	140317	20.771	ug/l	91
22) Diisopropyl ether	5.95	45	466256	22.077	ug/l	94
23) Vinyl Acetate	5.90	43	1643676	108.185	ug/l	95
24) 1,1-Dichloroethane	5.85	63	272442	21.036	ug/l	98
25) 2-Butanone	6.83	43	300858	103.378	ug/l	94
26) 2,2-Dichloropropane	6.82	77	192162	20.884	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	159966	21.292	ug/l	94
28) Bromochloromethane	7.19	49	126728	21.377	ug/l	82
29) Tetrahydrofuran	7.21	42	208076	107.364	ug/l	91
30) Chloroform	7.37	83	267959	21.337	ug/l	98
31) Cyclohexane	7.65	56	258334	21.563	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	218313	21.083	ug/l	97
36) 1,1-Dichloropropene	7.79	75	201636	20.364	ug/l	96
37) Ethyl Acetate	6.93	43	139602	19.745	ug/l	96
38) Carbon Tetrachloride	7.77	117	191383	18.584	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	227294	19.045	ug/l	96
40) Benzene	8.04	78	617097	20.287	ug/l	99
41) Methacrylonitrile	7.18	41	76586	16.823	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	187663	19.927	ug/l	98
43) Isopropyl Acetate	8.16	43	227659	19.071	ug/l #	89
44) Trichloroethene	8.83	130	162249	20.120	ug/l	97
45) 1,2-Dichloropropane	9.12	63	166845	20.330	ug/l	98
46) Dibromomethane	9.21	93	95018	19.943	ug/l	94
47) Bromodichloromethane	9.40	83	198043	19.724	ug/l	100
48) Methyl methacrylate	9.20	41	110554	20.134	ug/l	93
49) 1,4-Dioxane	9.20	88	30416	408.984	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	624792	101.853	ug/l	95
52) Toluene	10.16	92	365932	20.430	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	193649	19.822	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	231943	20.139	ug/l	91
55) 1,1,2-Trichloroethane	10.56	97	135277	20.223	ug/l	98
56) Ethyl methacrylate	10.43	69	159808	19.463	ug/l	91
57) 1,3-Dichloropropane	10.71	76	229832	20.335	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	353661	95.509	ug/l	96
59) 2-Hexanone	10.75	43	393959	98.747	ug/l	93
60) Dibromochloromethane	10.90	129	142895	19.222	ug/l	100
61) 1,2-Dibromoethane	11.00	107	124732	19.330	ug/l	99
64) Tetrachloroethene	10.63	164	153673	19.814	ug/l	97
65) Chlorobenzene	11.43	112	384951	19.915	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	140644	20.189	ug/l	99
67) Ethyl Benzene	11.51	91	652614	20.139	ug/l	100
68) m/p-Xylenes	11.62	106	498006	40.719	ug/l	96
69) o-Xylene	11.95	106	236355	19.668	ug/l	94
70) Styrene	11.96	104	379831	20.549	ug/l	98
71) Bromoform	12.13	173	95137	19.630	ug/l #	99
73) Isopropylbenzene	12.25	105	639603	20.227	ug/l	99
74) N-amyl acetate	12.07	43	165457	19.964	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	157556	19.925	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	189886	29.139	ug/l #	100
77) Bromobenzene	12.53	156	161408	20.104	ug/l	92
78) n-propylbenzene	12.59	91	725806	20.182	ug/l	98
79) 2-Chlorotoluene	12.67	91	436349	20.198	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	532460	20.568	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	38659	18.750	ug/l	91
82) 4-Chlorotoluene	12.77	91	429653	20.123	ug/l	97
83) tert-Butylbenzene	12.99	119	469580	20.509	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	535265	20.711	ug/l	99
85) sec-Butylbenzene	13.17	105	635118	20.309	ug/l	98
86) p-Isopropyltoluene	13.29	119	536129	20.280	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	275748	19.854	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	269425	19.995	ug/l	98
89) n-Butylbenzene	13.62	91	447760	20.097	ug/l	98
90) Hexachloroethane	13.87	117	97826	19.096	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	271532	20.197	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22914	20.505	ug/l	87

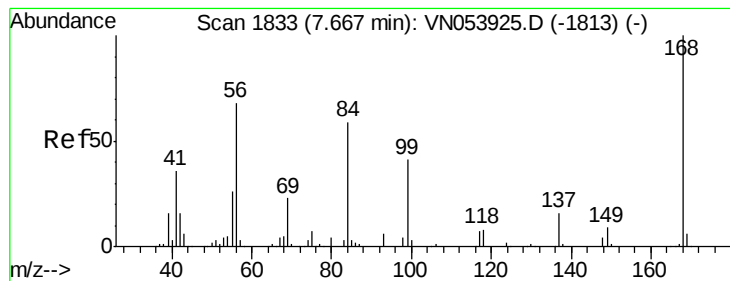
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022519\
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Quant Title : SW846 8260
QLast Update : Tue Feb 26 05:37:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	126939	18.468	ug/l	99
94) Hexachlorobutadiene	15.01	225	96322	19.834	ug/l	98
95) Naphthalene	15.13	128	257809	18.211	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	128176	18.897	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053934.D

Acq: 25 Feb 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

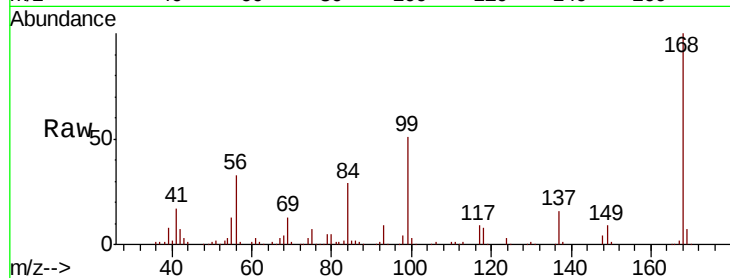
VN0225WBSD01

Tgt Ion:168 Resp: 632290

Ion Ratio Lower Upper

168 100

99 49.9 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

250000

200000

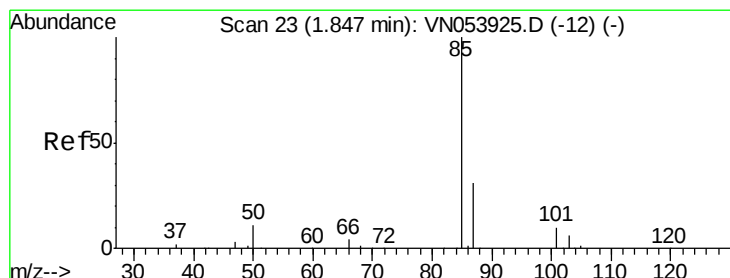
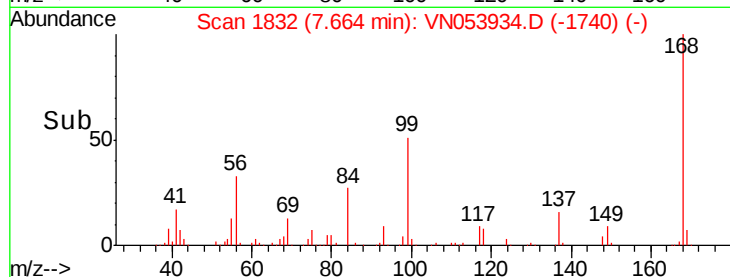
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.130 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN053934.D

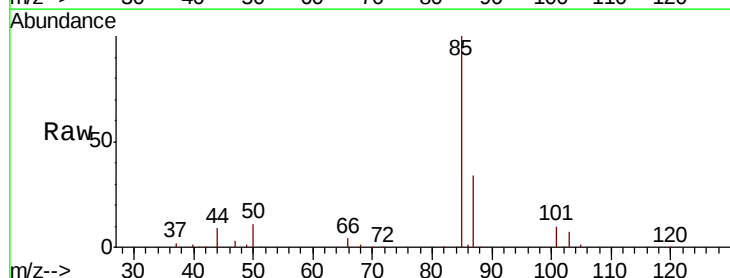
Acq: 25 Feb 2019 17:22

Tgt Ion: 85 Resp: 122960

Ion Ratio Lower Upper

85 100

87 33.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

100000

80000

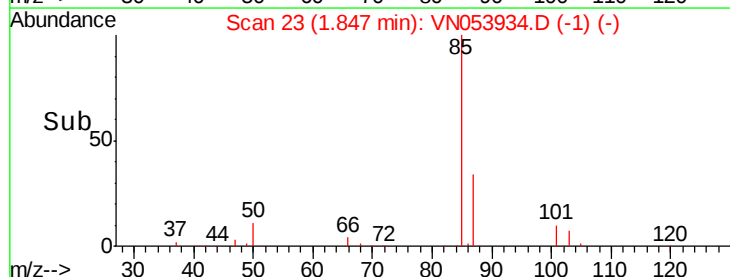
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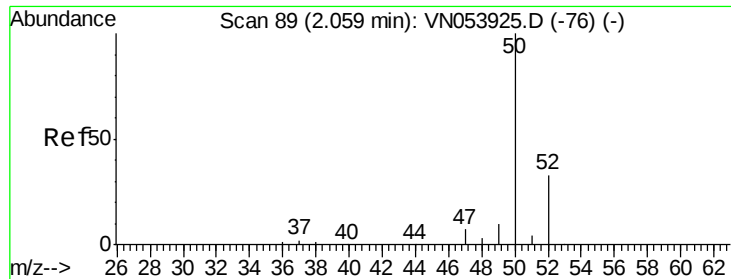
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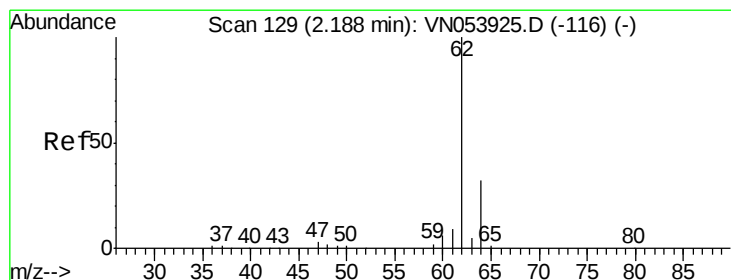
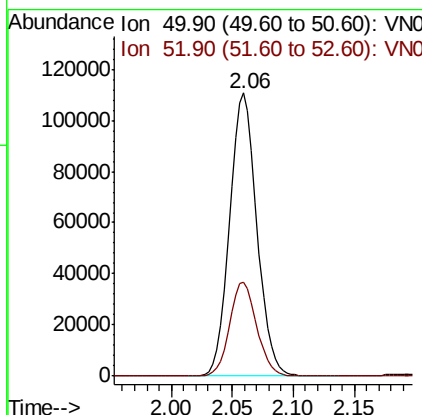
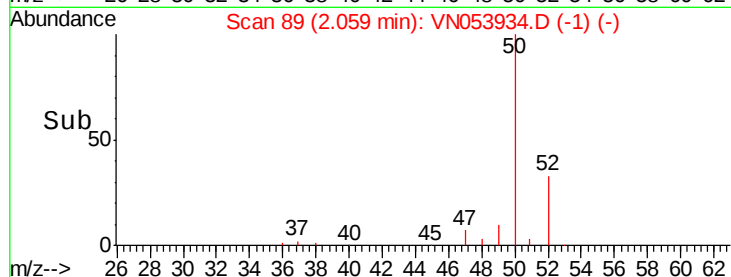
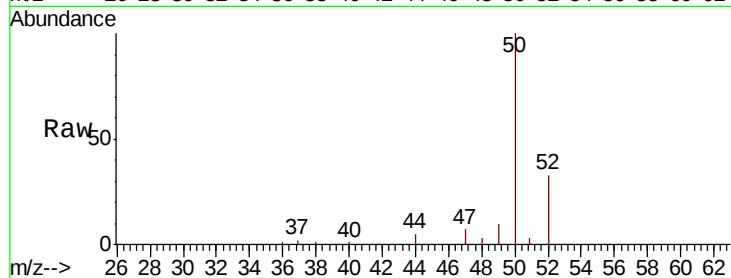




#3
 Chloromethane
 Concen: 21.428 ug/l
 RT: 2.06 min Scan# 89
 Delta R.T. -0.00 min
 Lab File: VN053934.D
 Acq: 25 Feb 2019 17:22

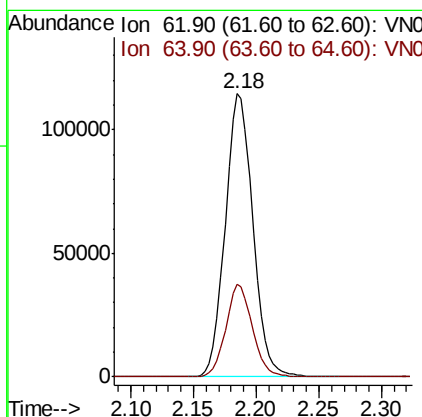
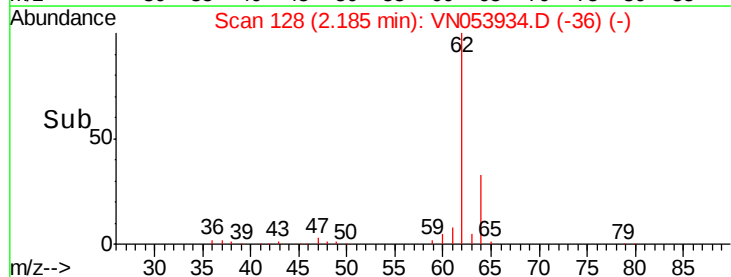
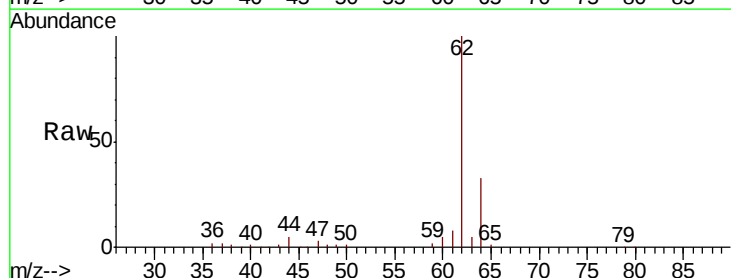
Instrument :
 MSVOA_N
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 VN0225WBSD01

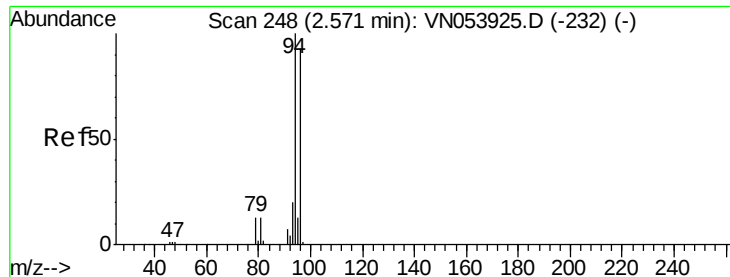
Tgt Ion: 50 Resp: 172955
 Ion Ratio Lower Upper
 50 100
 52 33.2 26.0 39.0



#4
 Vinyl Chloride
 Concen: 21.647 ug/l
 RT: 2.18 min Scan# 128
 Delta R.T. -0.00 min
 Lab File: VN053934.D
 Acq: 25 Feb 2019 17:22

Tgt Ion: 62 Resp: 175066
 Ion Ratio Lower Upper
 62 100
 64 32.9 25.1 37.7





#5

Bromomethane

Concen: 20.929 ug/l

RT: 2.57 min Scan# 248

Delta R.T. -0.00 min

Lab File: VN053934.D

Acq: 25 Feb 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

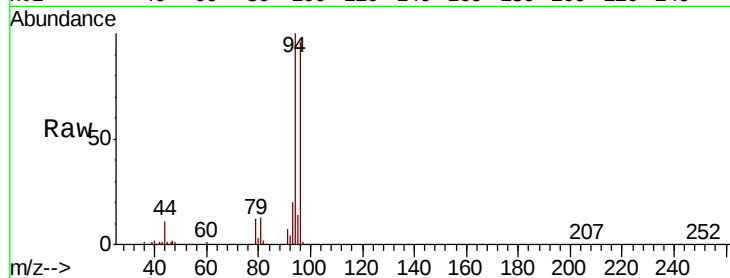
VN0225WBSD01

Tgt Ion: 94 Resp: 112098

Ion Ratio Lower Upper

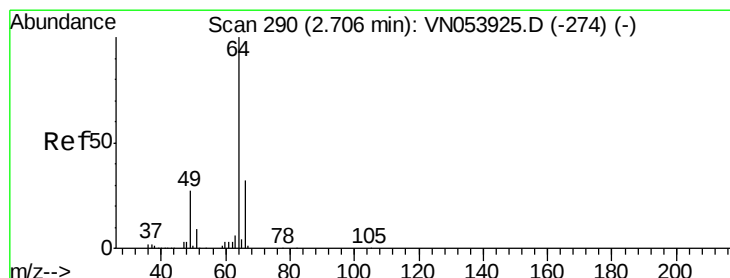
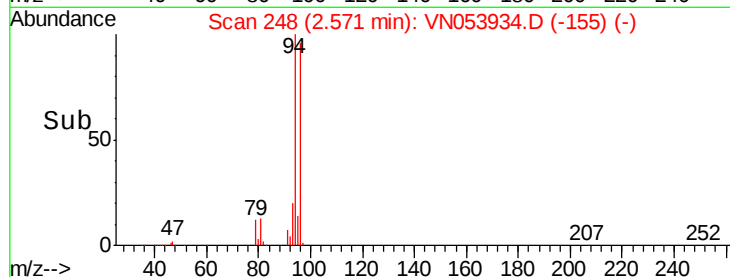
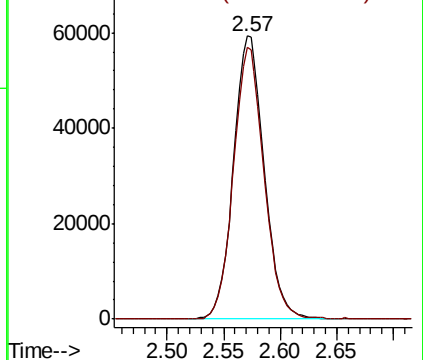
94 100

96 96.0 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.734 ug/l

RT: 2.71 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN053934.D

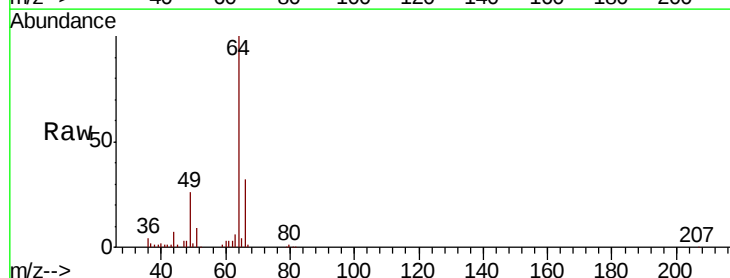
Acq: 25 Feb 2019 17:22

Tgt Ion: 64 Resp: 104287

Ion Ratio Lower Upper

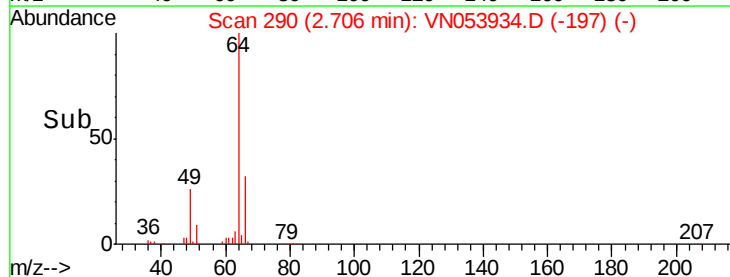
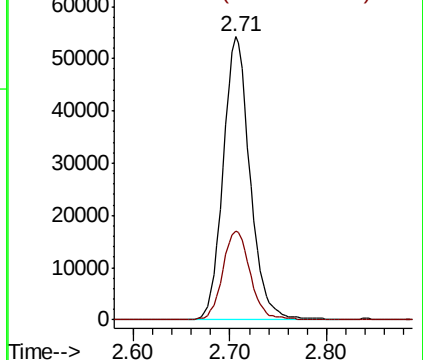
64 100

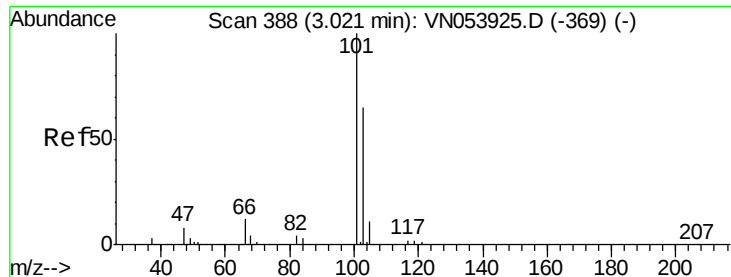
66 31.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



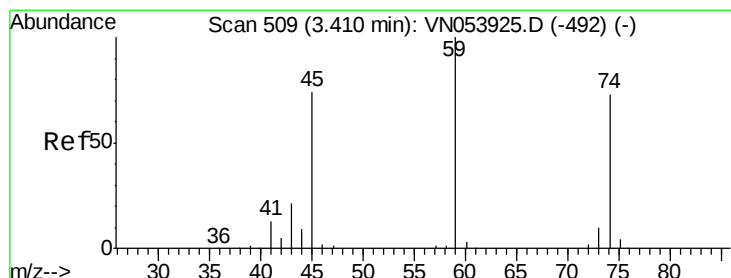
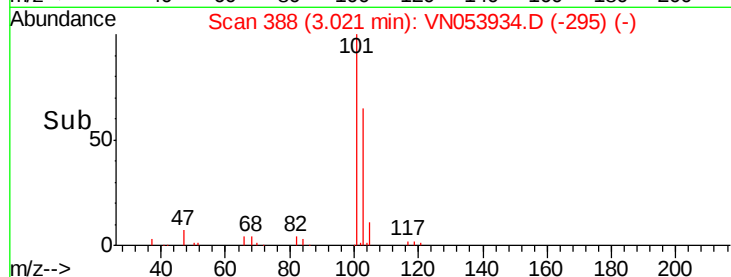
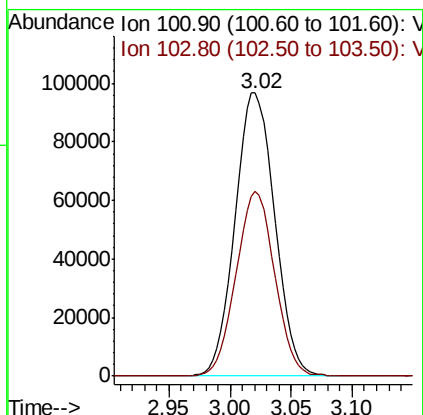
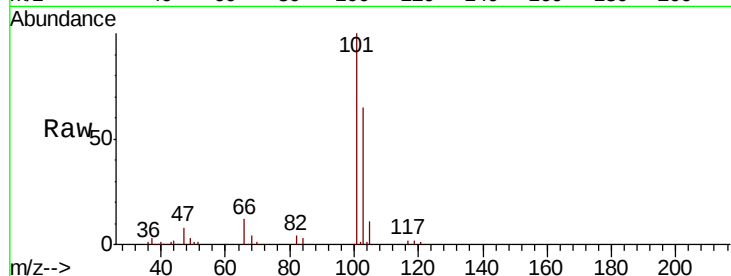


#7

Trichlorofluoromethane
 Concen: 21.123 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN053934.D
 Acq: 25 Feb 2019 17:22

Instrument :
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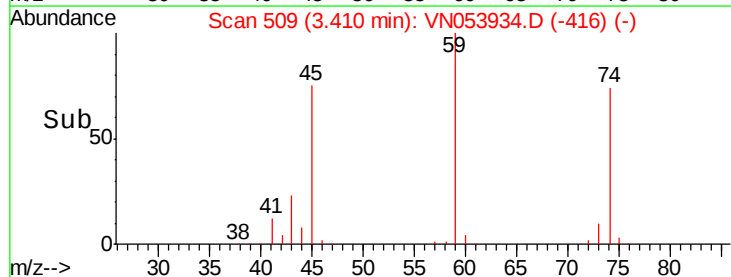
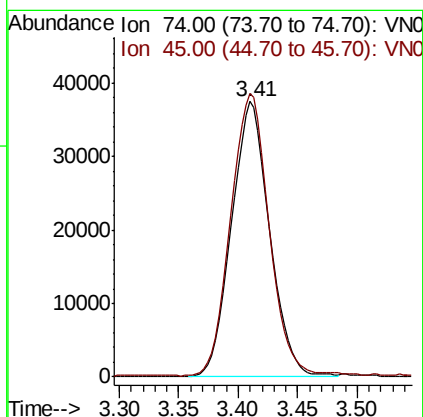
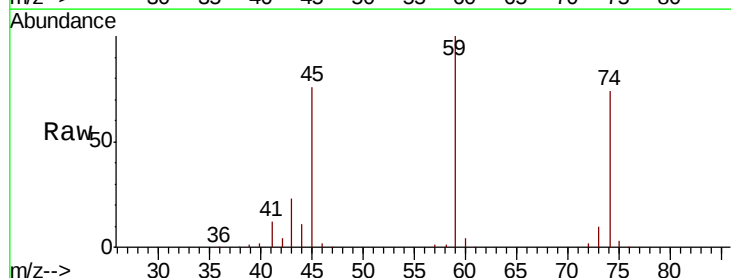
Tgt Ion: 101 Resp: 218235
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.9 77.9

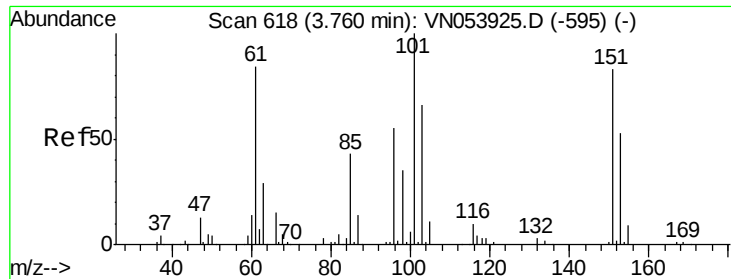


#8

Diethyl Ether
 Concen: 21.520 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN053934.D
 Acq: 25 Feb 2019 17:22

Tgt Ion: 74 Resp: 83299
 Ion Ratio Lower Upper
 74 100
 45 102.8 46.9 140.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.643 ug/l

RT: 3.76 min Scan# 618

Delta R.T. -0.00 min

Lab File: VN053934.D

Acq: 25 Feb 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBSD01

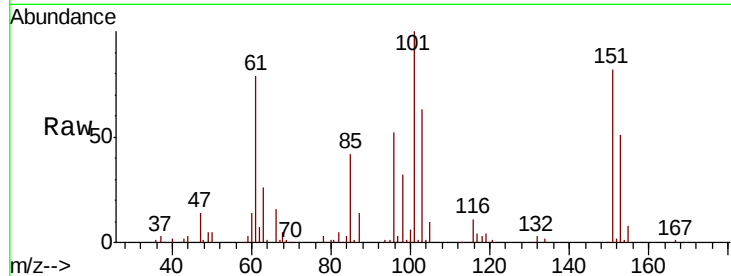
Tgt Ion:101 Resp: 134701

Ion Ratio Lower Upper

101 100

85 41.6 32.5 48.7

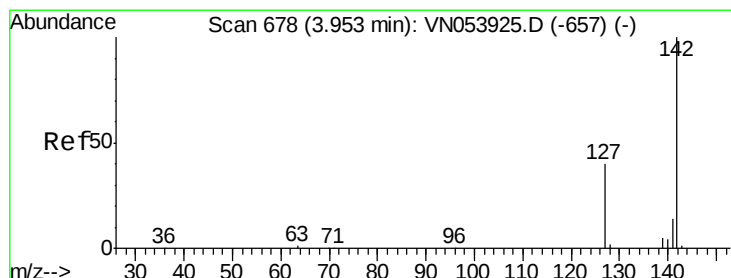
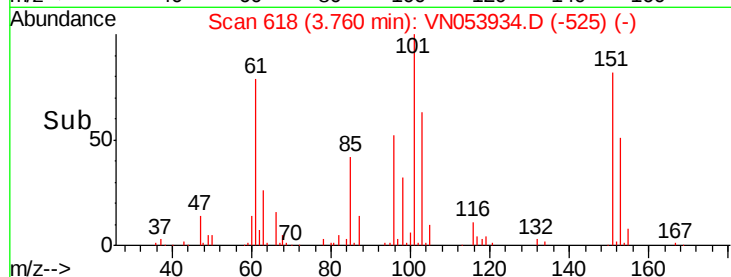
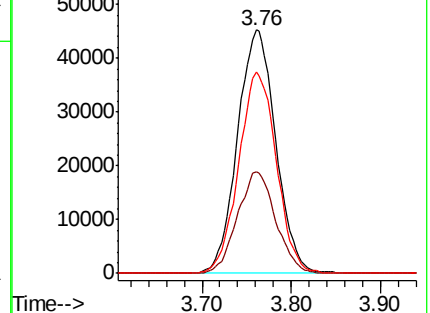
151 81.3 70.2 105.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.758 ug/l

RT: 3.95 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN053934.D

Acq: 25 Feb 2019 17:22

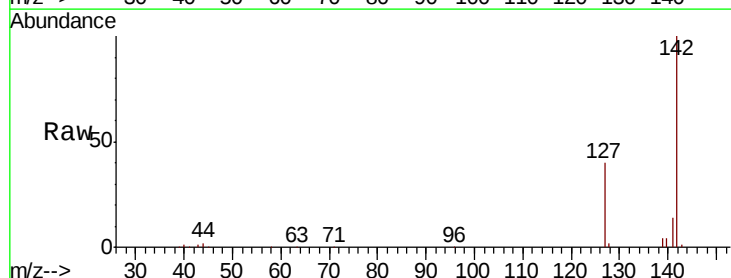
Tgt Ion:142 Resp: 177981

Ion Ratio Lower Upper

142 100

127 40.2 31.0 46.4

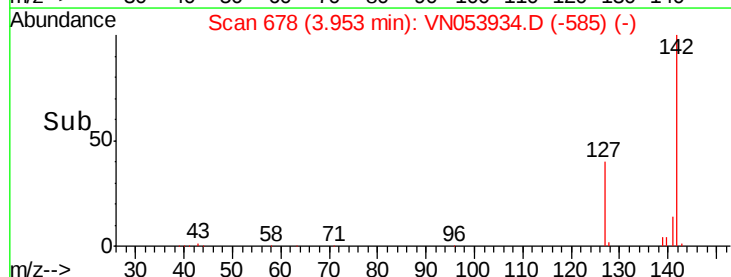
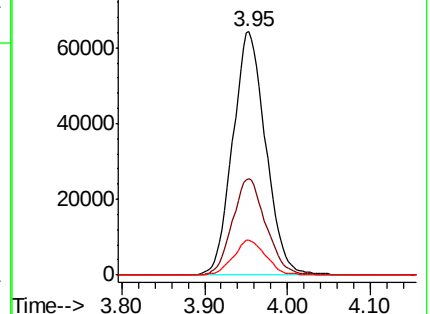
141 14.2 11.3 16.9

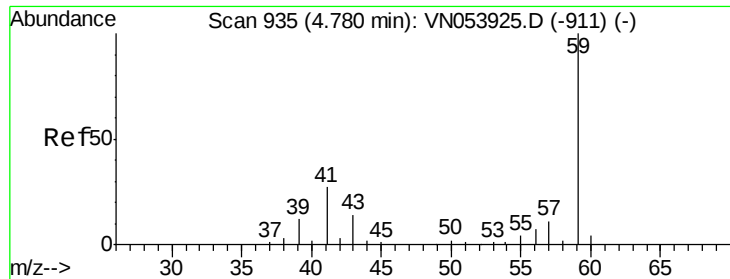


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



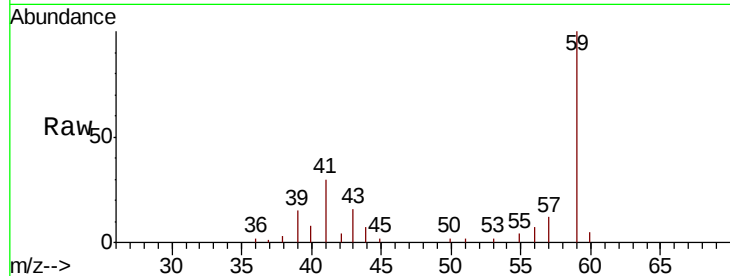


#11

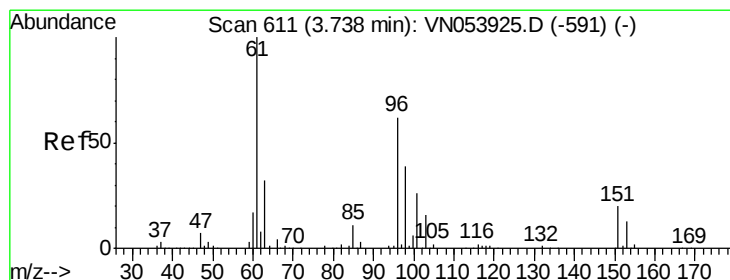
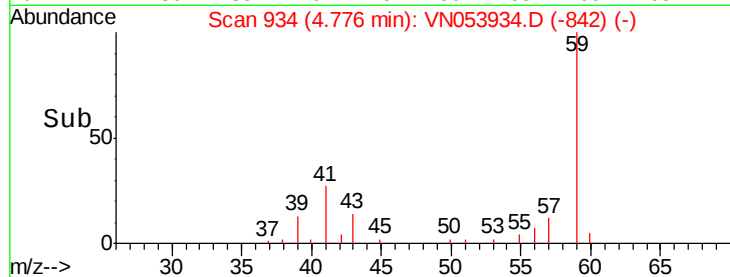
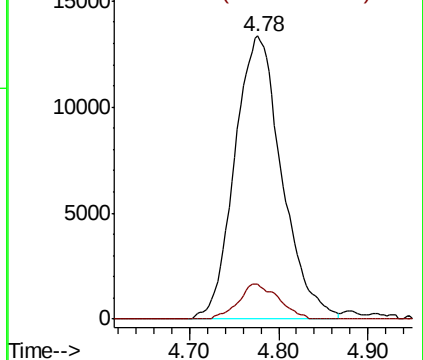
Tert butyl alcohol
 Concen: 104.451 ug/l
 RT: 4.78 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: VN053934.D
 Acq: 25 Feb 2019 17:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBSD01

Tgt Ion: 59 Resp: 49078
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.1 12.1



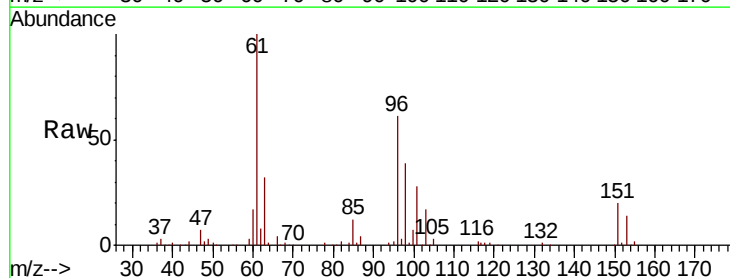
Abundance Ion 59.00 (58.70 to 59.70): VN0
 Ion 57.00 (56.70 to 57.70): VN0



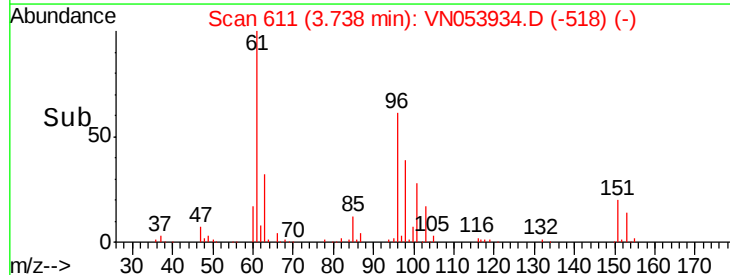
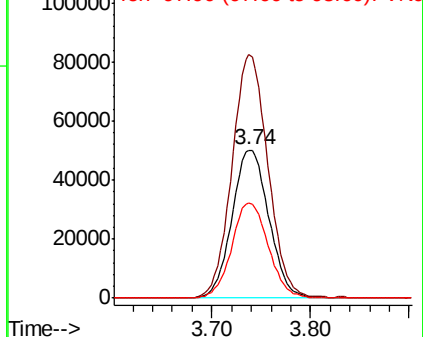
#12

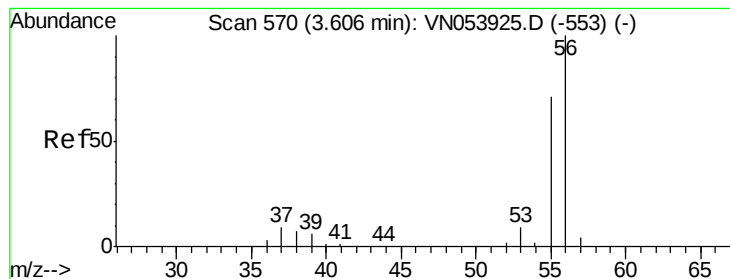
1,1-Dichloroethene
 Concen: 20.910 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VN053934.D
 Acq: 25 Feb 2019 17:22

Tgt Ion: 96 Resp: 130513
 Ion Ratio Lower Upper
 96 100
 61 164.4 121.0 181.4
 98 64.4 52.2 78.2



Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 96.355 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN053934.D

Acq: 25 Feb 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

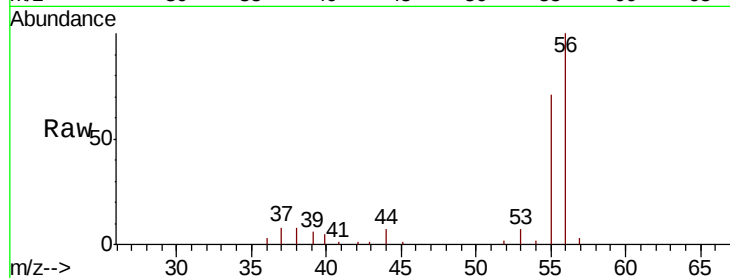
VN0225WBSD01

Tgt Ion: 56 Resp: 46874

Ion Ratio Lower Upper

56 100

55 71.2 56.3 84.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

20000

15000

10000

5000

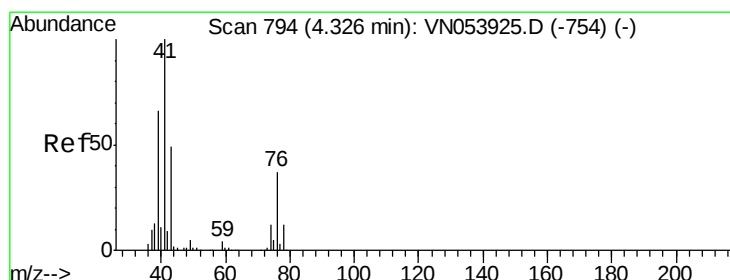
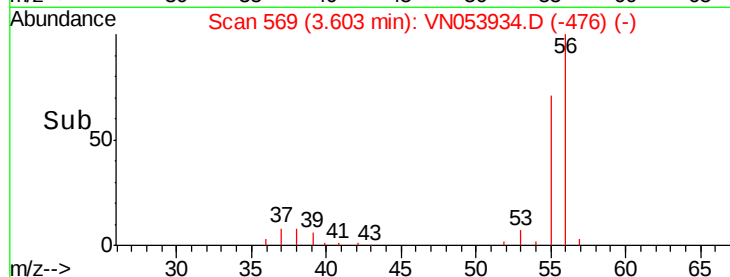
0

3.50

3.60

3.70

Time-->



#14

Allyl chloride

Concen: 21.212 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN053934.D

Acq: 25 Feb 2019 17:22

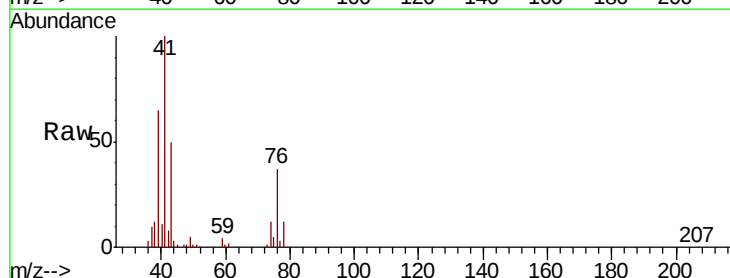
Tgt Ion: 41 Resp: 232220

Ion Ratio Lower Upper

41 100

39 63.8 48.8 73.2

76 34.5 30.9 46.3



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

100000

80000

60000

40000

20000

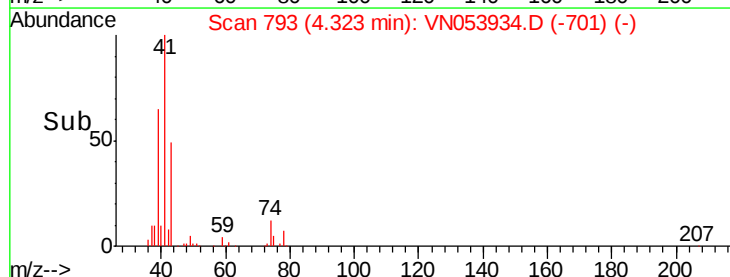
0

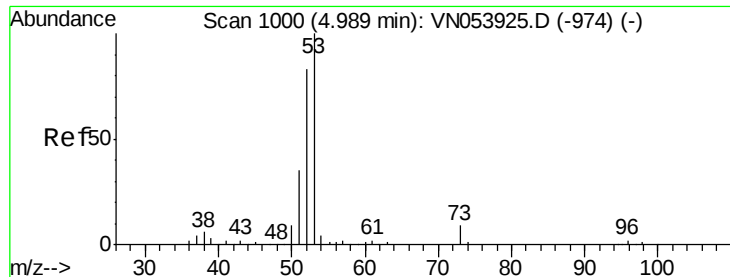
4.20

4.30

4.40

Time-->

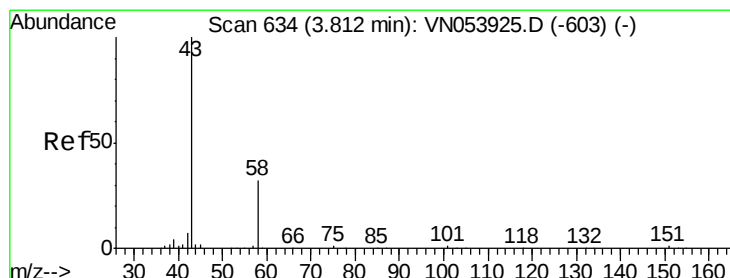
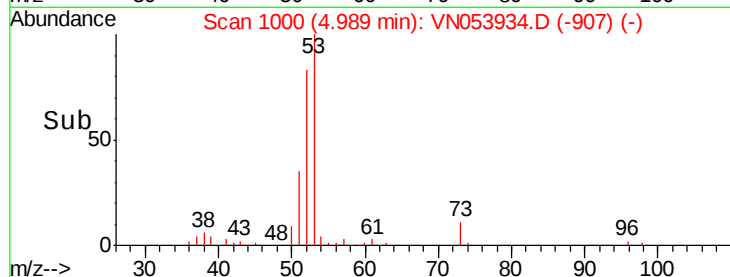
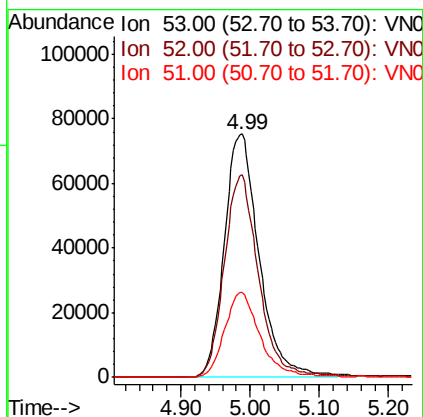
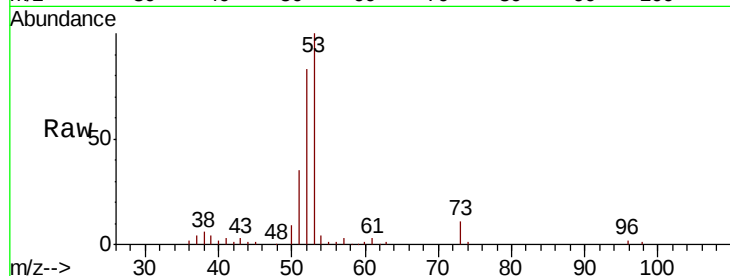




#15
 Acrylonitrile
 Concen: 106.684 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VN053934.D
 Acq: 25 Feb 2019 17:22

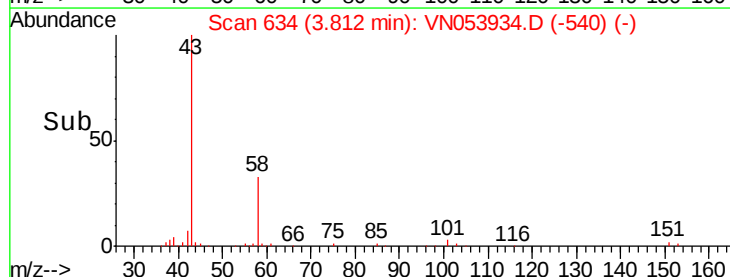
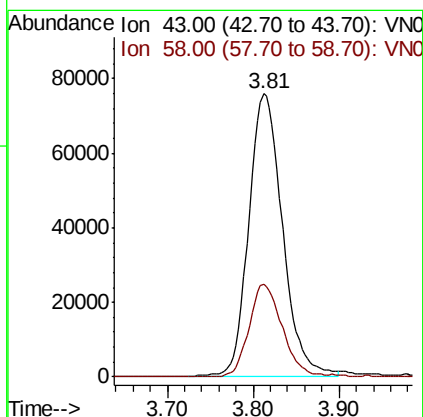
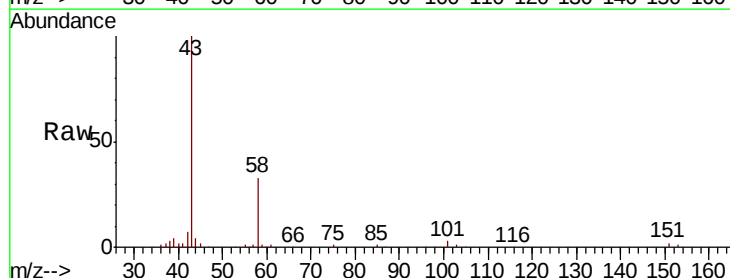
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBSD01

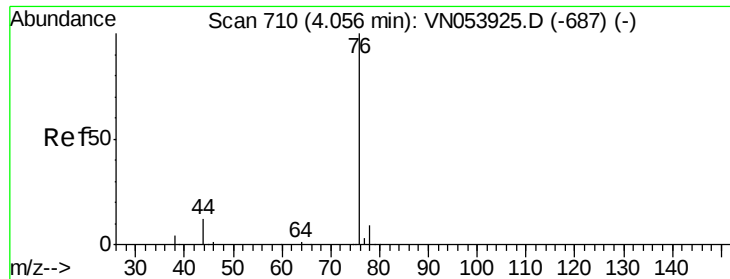
Tgt Ion: 53 Resp: 264196
 Ion Ratio Lower Upper
 53 100
 52 81.4 65.1 97.7
 51 35.0 28.2 42.4



#16
 Acetone
 Concen: 97.701 ug/l
 RT: 3.81 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VN053934.D
 Acq: 25 Feb 2019 17:22

Tgt Ion: 43 Resp: 206221
 Ion Ratio Lower Upper
 43 100
 58 33.0 27.6 41.4

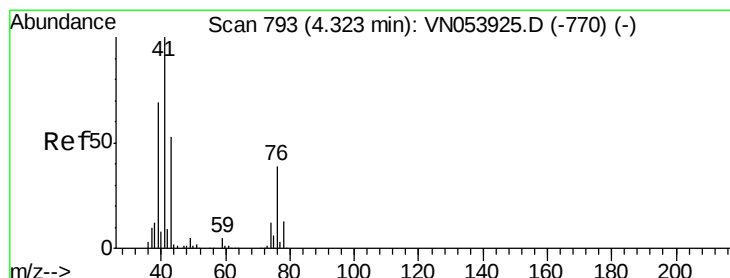
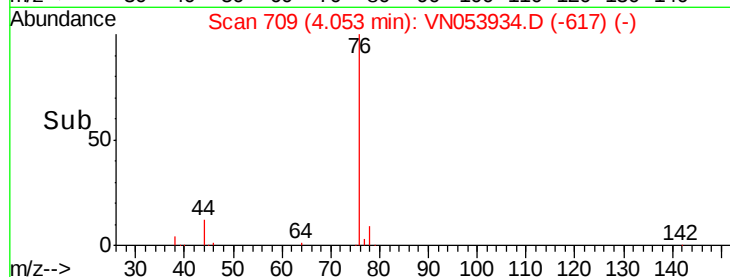
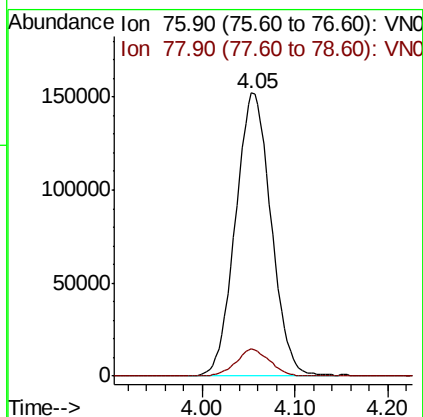
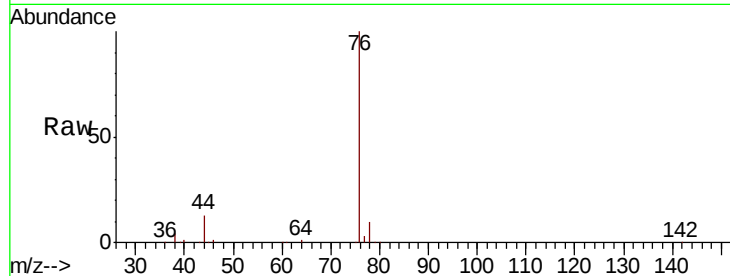




#17
Carbon Disulfide
Concen: 20.138 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.00 min
Lab File: VN053934.D
Acq: 25 Feb 2019 17:22

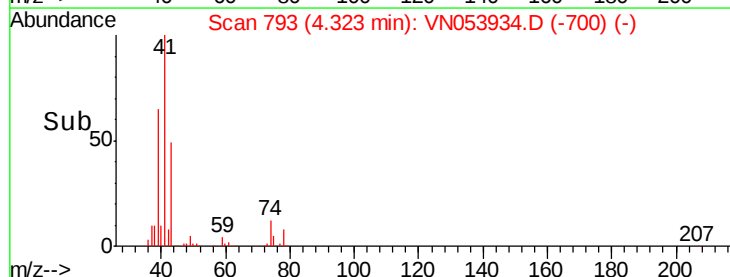
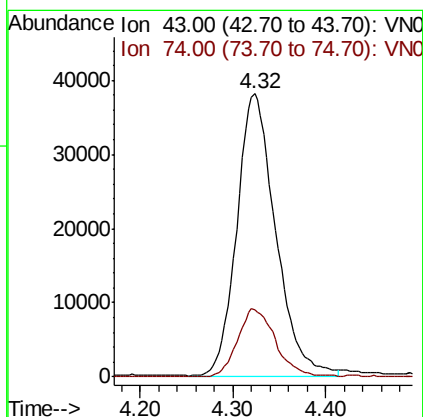
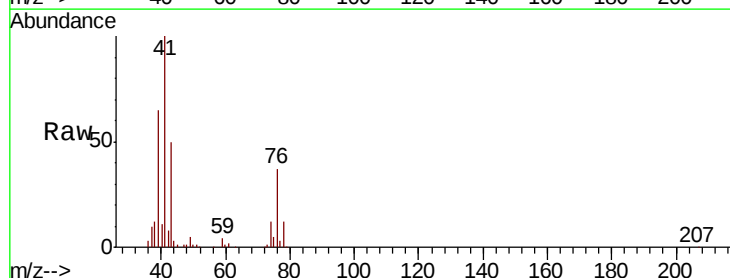
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01

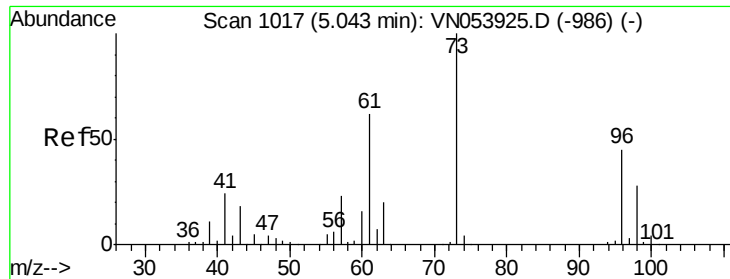
Tgt Ion: 76 Resp: 405499
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3



#18
Methyl Acetate
Concen: 21.293 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN053934.D
Acq: 25 Feb 2019 17:22

Tgt Ion: 43 Resp: 110357
Ion Ratio Lower Upper
43 100
74 23.5 20.5 30.7

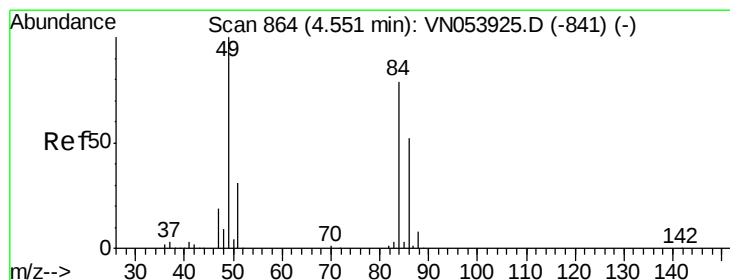
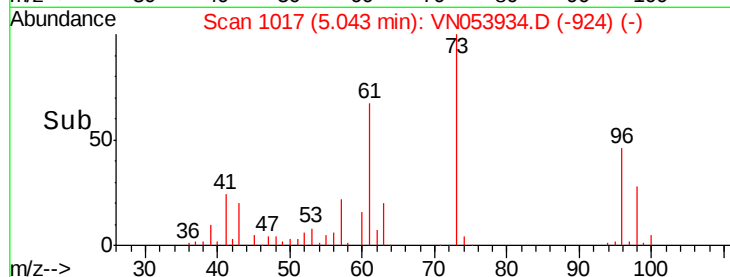
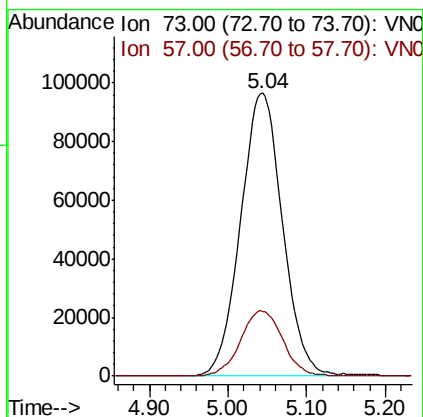
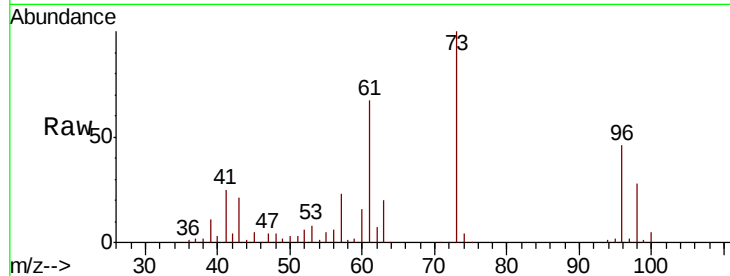




#19
Methyl tert-butyl Ether
Concen: 21.620 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN053934.D
Acq: 25 Feb 2019 17:22

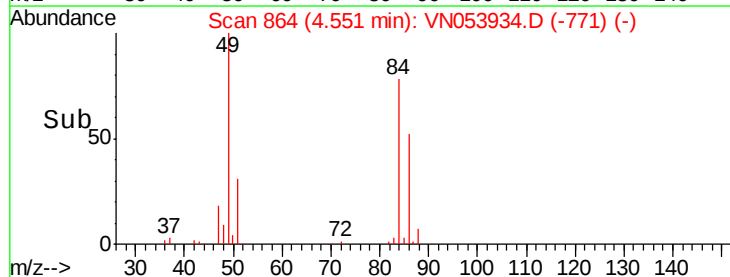
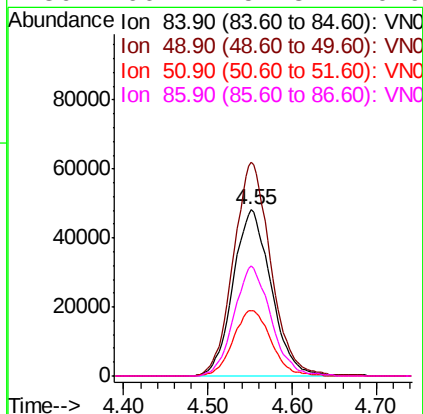
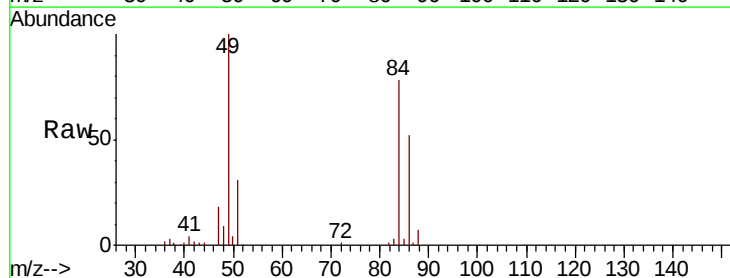
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01

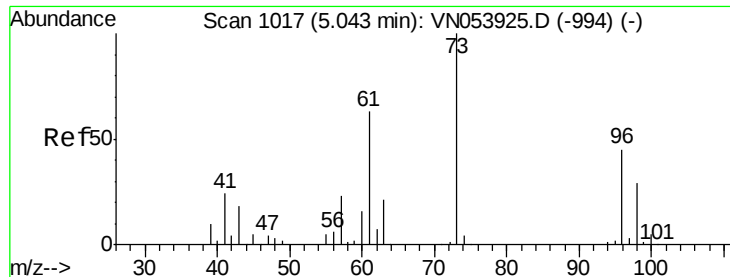
Tgt Ion: 73 Resp: 361995
Ion Ratio Lower Upper
73 100
57 23.0 18.0 27.0



#20
Methylene Chloride
Concen: 20.566 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN053934.D
Acq: 25 Feb 2019 17:22

Tgt Ion: 84 Resp: 150865
Ion Ratio Lower Upper
84 100
49 128.6 89.7 134.5
51 39.5 27.8 41.8
86 66.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 20.771 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN053934.D

Acq: 25 Feb 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBSD01

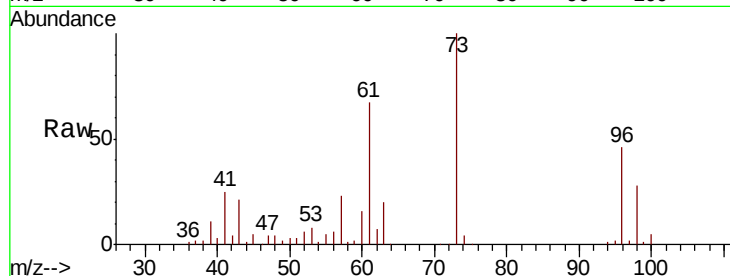
Tgt Ion: 96 Resp: 140317

Ion Ratio Lower Upper

96 100

61 144.8 104.5 156.7

98 61.9 50.6 76.0

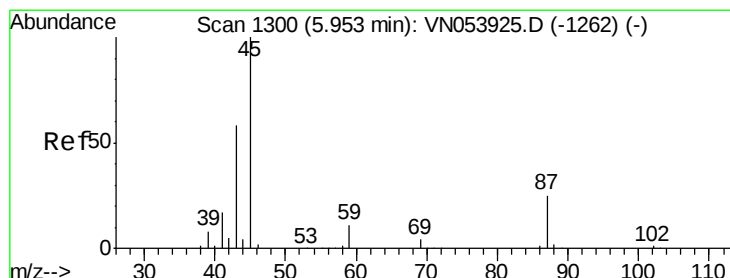
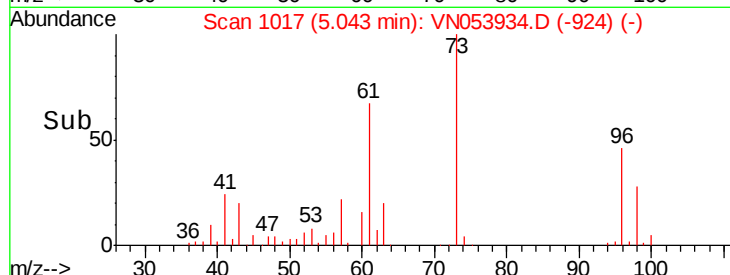
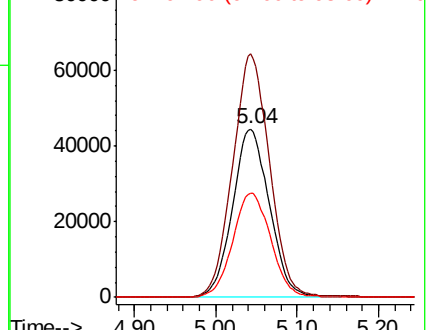


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 22.077 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN053934.D

Acq: 25 Feb 2019 17:22

Tgt Ion: 45 Resp: 466256

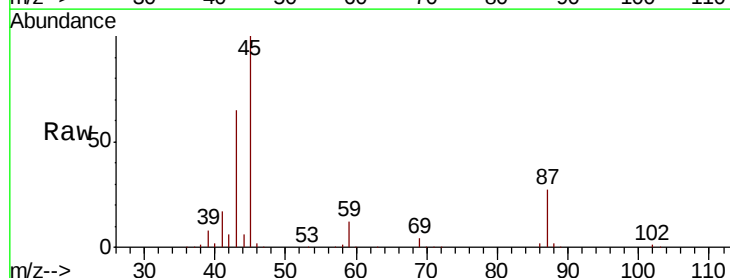
Ion Ratio Lower Upper

45 100

43 63.8 46.2 69.4

87 26.3 23.4 35.0

59 11.9 9.4 14.0



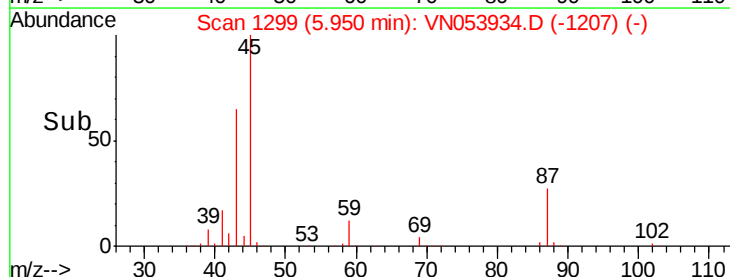
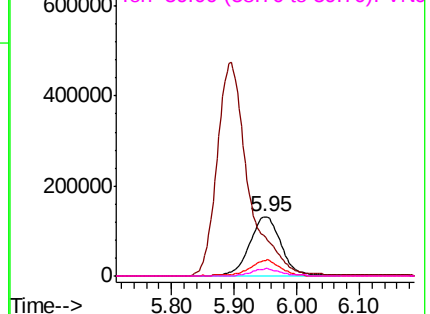
Abundance

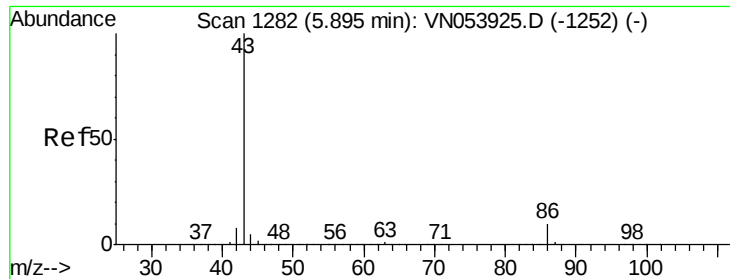
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 108.185 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN053934.D

Acq: 25 Feb 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

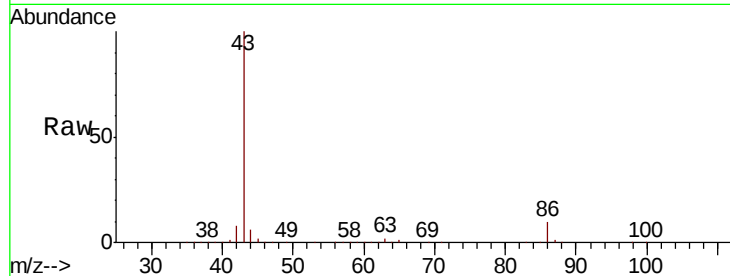
VN0225WBSD01

Tgt Ion: 43 Resp: 1643676

Ion Ratio Lower Upper

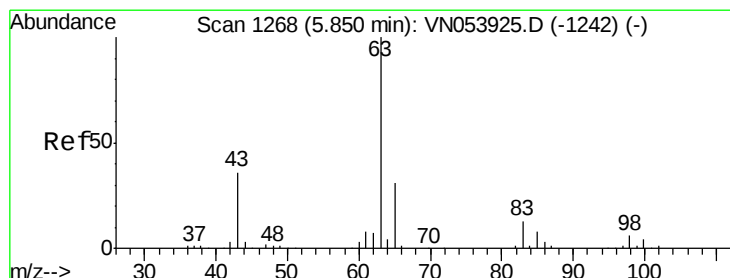
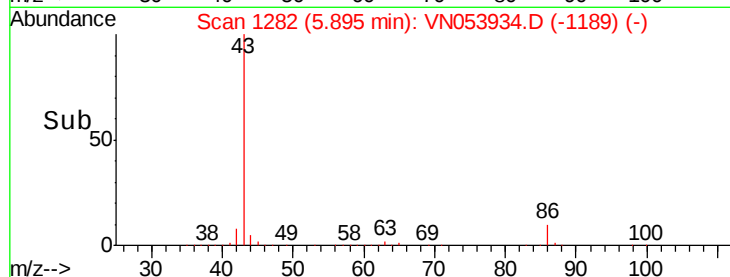
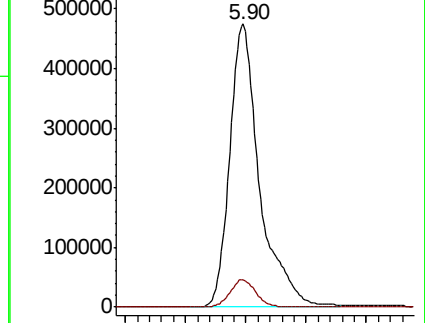
43 100

86 9.6 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 21.036 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN053934.D

Acq: 25 Feb 2019 17:22

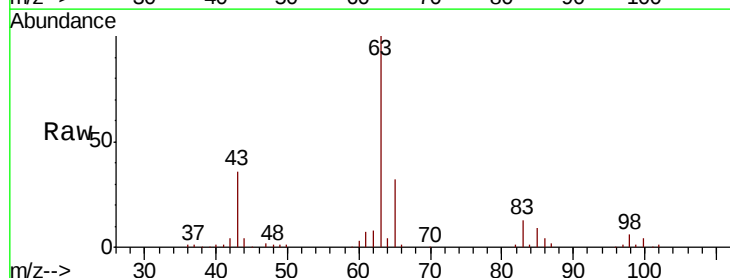
Tgt Ion: 63 Resp: 272442

Ion Ratio Lower Upper

63 100

98 6.0 3.4 10.2

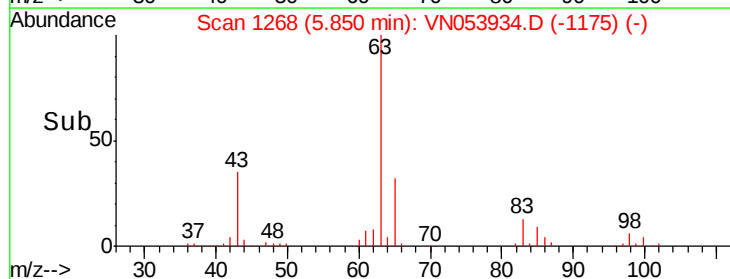
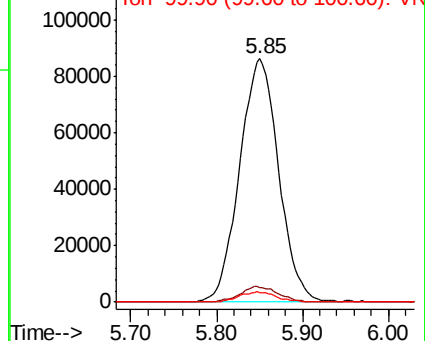
100 4.1 2.2 6.6

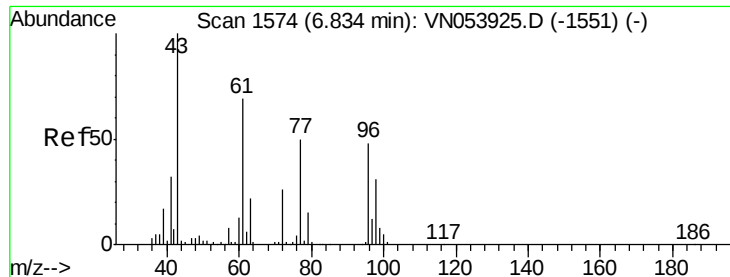


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

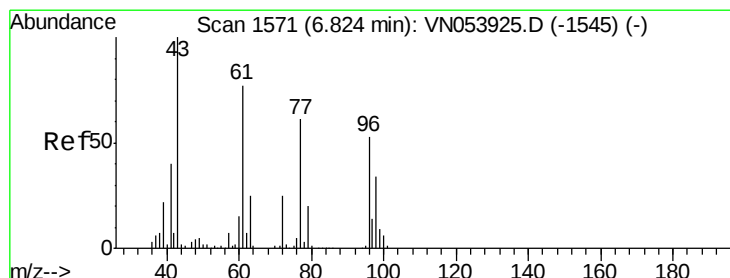
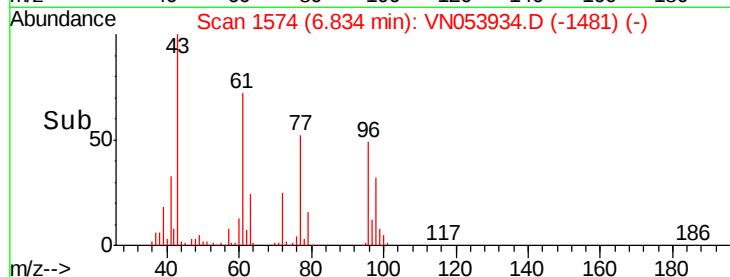
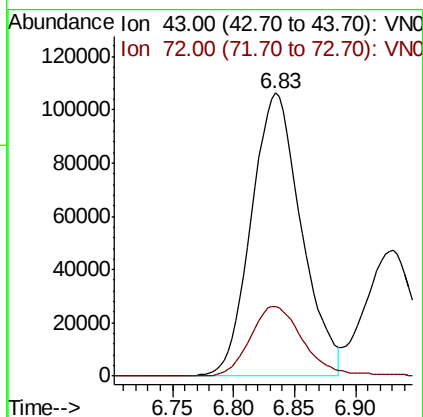
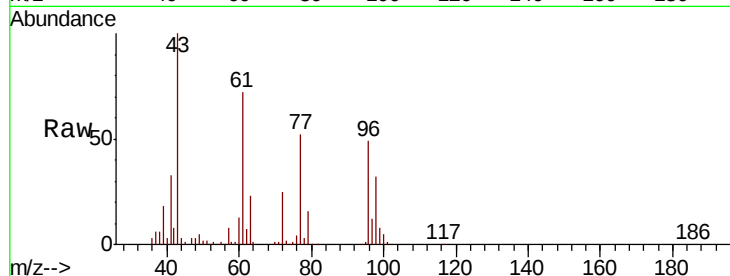




#25
 2-Butanone
 Concen: 103.378 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: VN053934.D
 Acq: 25 Feb 2019 17:22

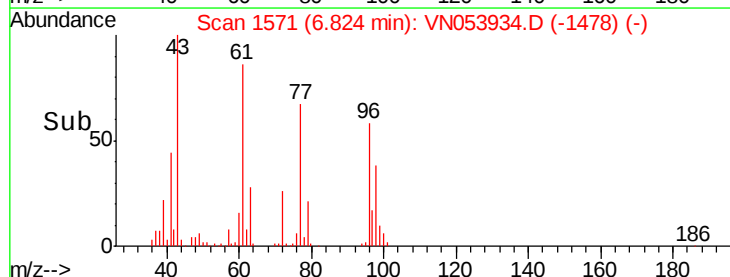
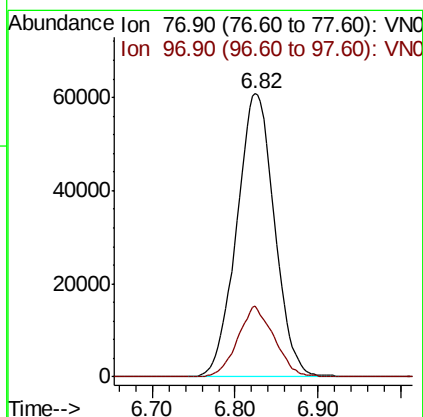
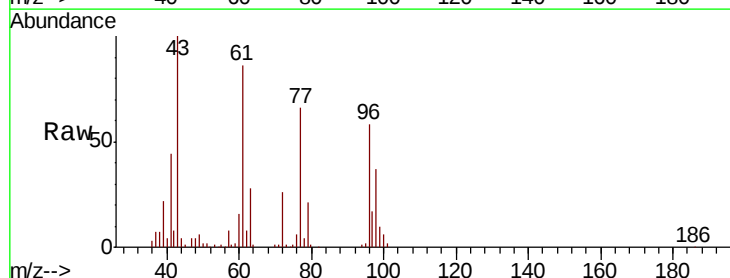
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBSD01

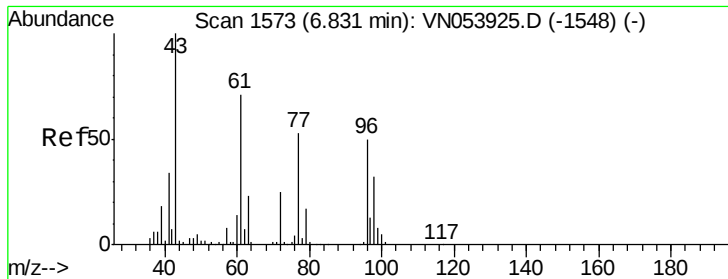
Tgt Ion: 43 Resp: 300858
 Ion Ratio Lower Upper
 43 100
 72 24.6 22.1 33.1



#26
 2,2-Dichloropropane
 Concen: 20.884 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN053934.D
 Acq: 25 Feb 2019 17:22

Tgt Ion: 77 Resp: 192162
 Ion Ratio Lower Upper
 77 100
 97 24.1 12.3 36.9

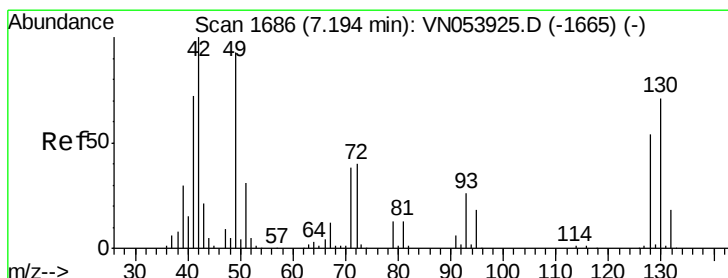
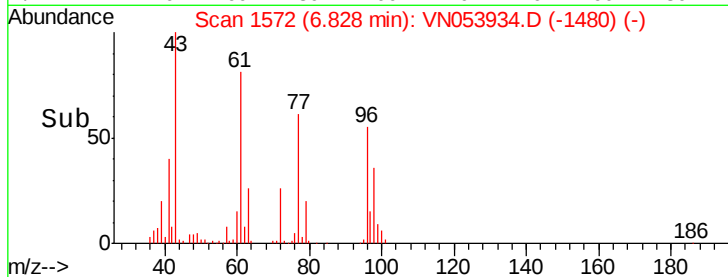
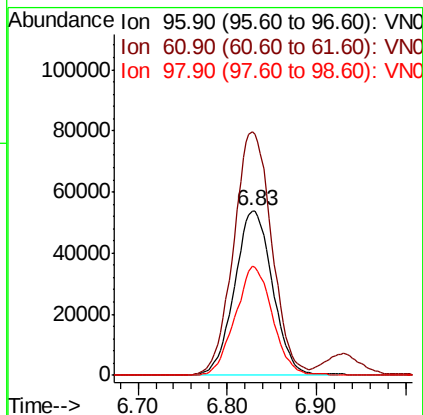
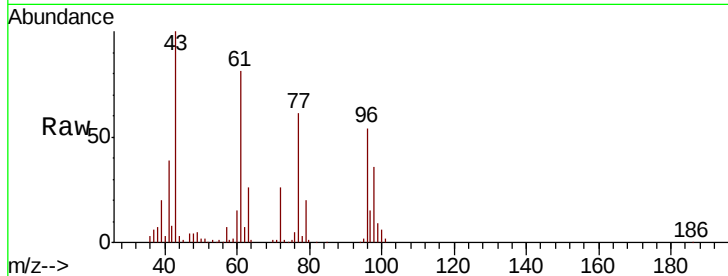




#27
 cis-1,2-Dichloroethene
 Concen: 21.292 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VN053934.D
 Acq: 25 Feb 2019 17:22

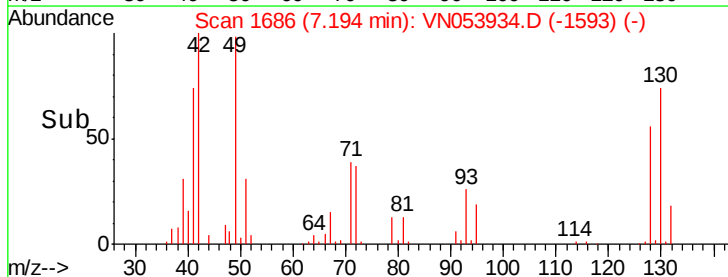
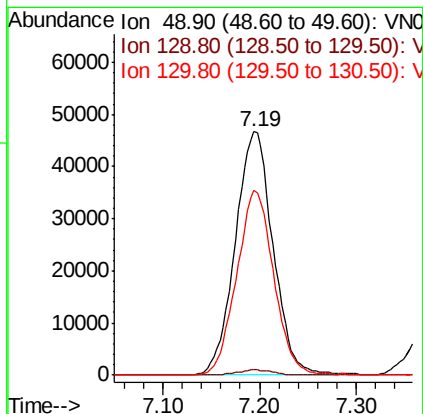
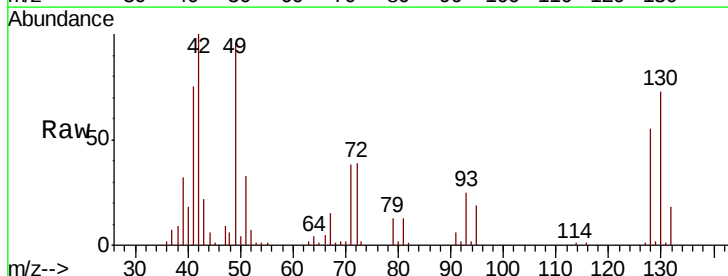
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0225WBSD01

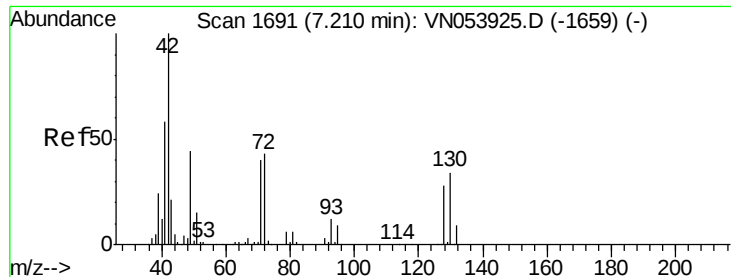
Tgt Ion: 96 Resp: 159966
 Ion Ratio Lower Upper
 96 100
 61 148.0 0.0 275.6
 98 64.8 0.0 130.0



#28
 Bromochloromethane
 Concen: 21.377 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VN053934.D
 Acq: 25 Feb 2019 17:22

Tgt Ion: 49 Resp: 126728
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.6
 130 74.1 72.9 109.3

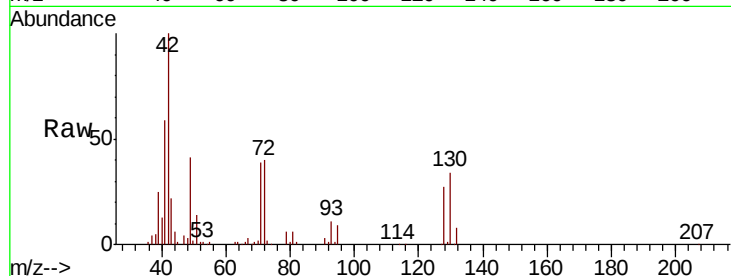




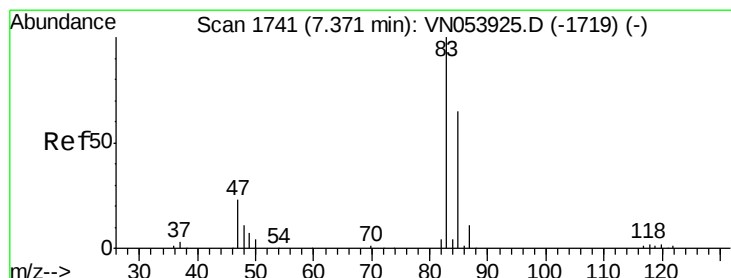
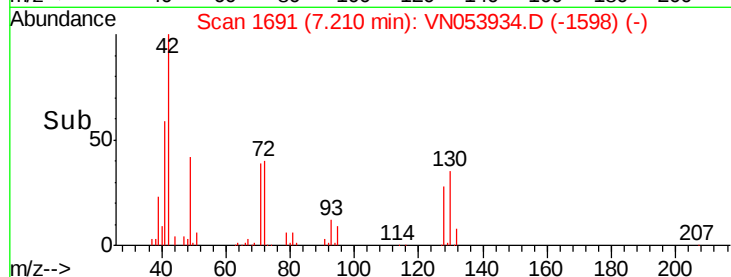
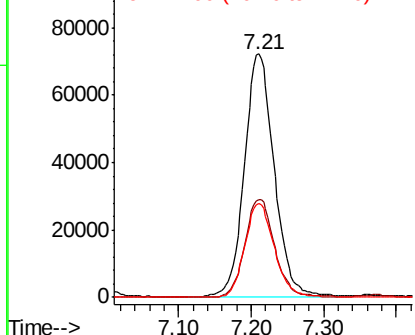
#29
Tetrahydrofuran
Concen: 107.364 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN053934.D
Acq: 25 Feb 2019 17:22

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01

Tgt Ion: 42 Resp: 208076
Ion Ratio Lower Upper
42 100
72 39.8 36.9 55.3
71 38.0 34.6 52.0

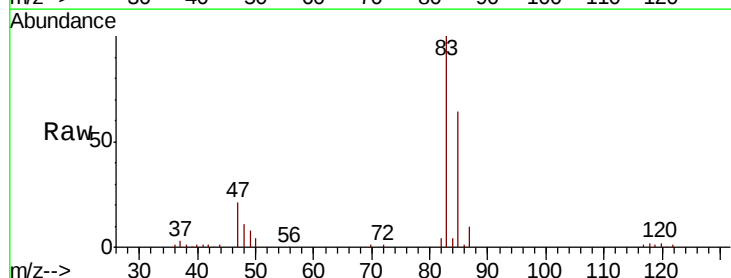


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

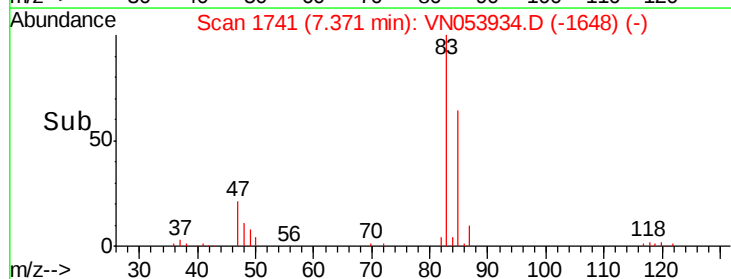
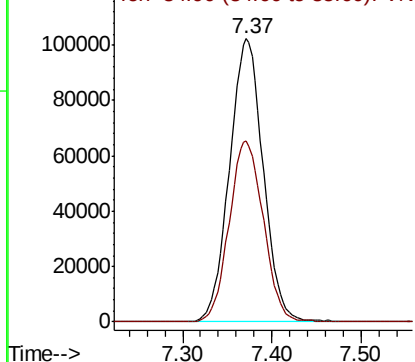


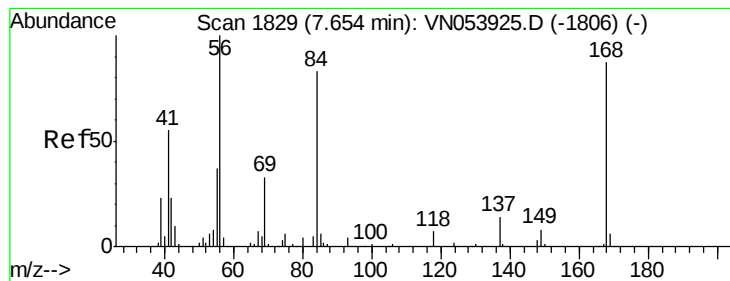
#30
Chloroform
Concen: 21.337 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN053934.D
Acq: 25 Feb 2019 17:22

Tgt Ion: 83 Resp: 267959
Ion Ratio Lower Upper
83 100
85 63.8 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 21.563 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN053934.D

Acq: 25 Feb 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBSD01

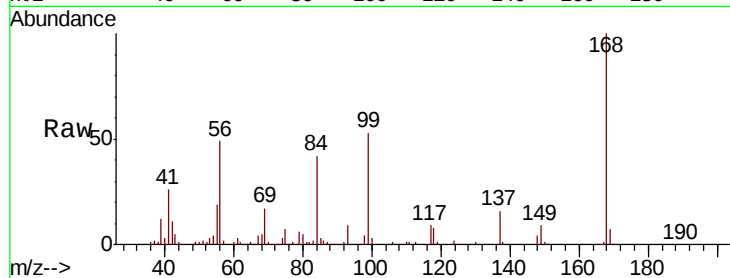
Tgt Ion: 56 Resp: 258334

Ion Ratio Lower Upper

56 100

69 34.6 26.0 39.0

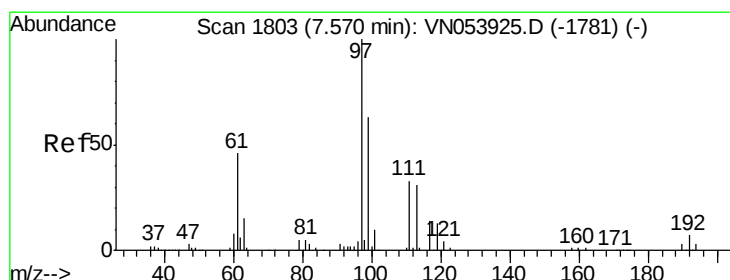
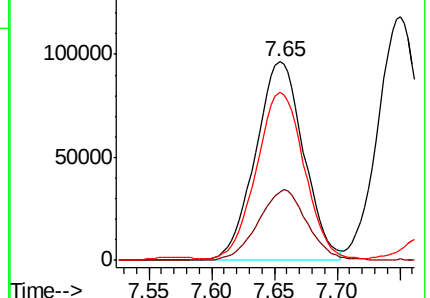
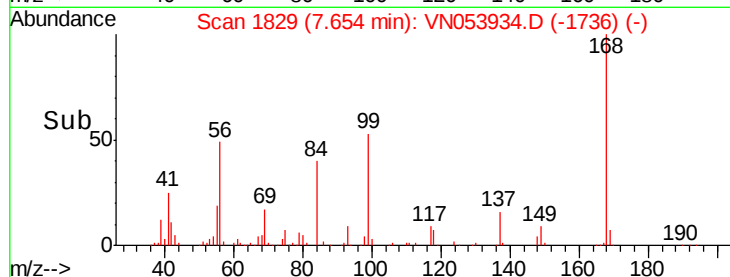
84 83.3 69.1 103.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 21.083 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN053934.D

Acq: 25 Feb 2019 17:22

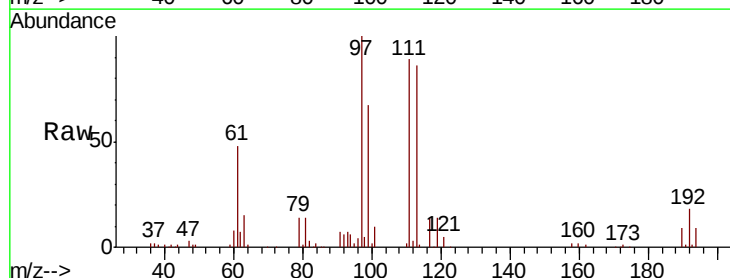
Tgt Ion: 97 Resp: 218313

Ion Ratio Lower Upper

97 100

99 64.9 51.8 77.8

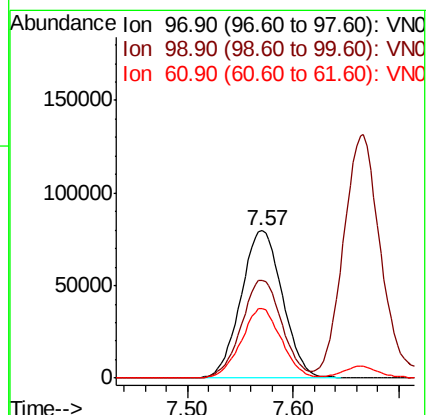
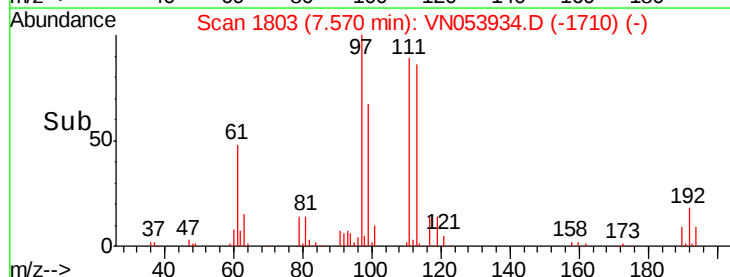
61 45.6 33.2 49.8

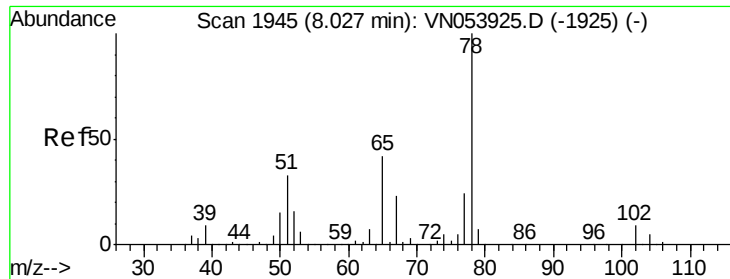


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 52.238 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053934.D

Acq: 25 Feb 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

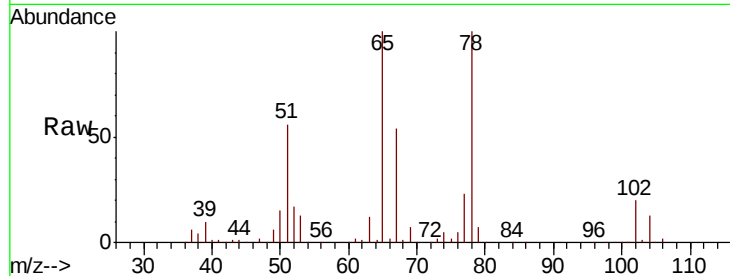
VN0225WBSD01

Tgt Ion: 65 Resp: 387179

Ion Ratio Lower Upper

65 100

67 54.9 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN053934.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN053934.D (-1852) (-)

8.03

150000

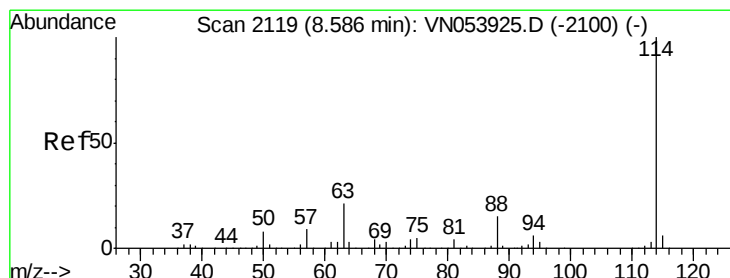
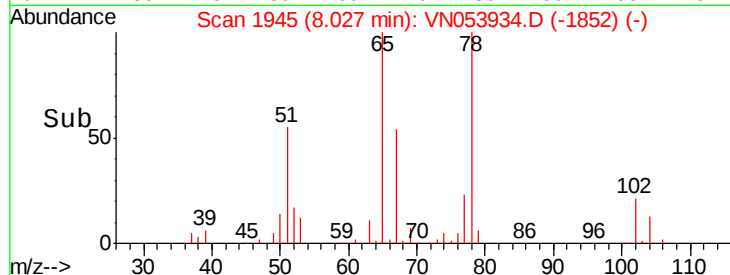
100000

50000

0

7.90 7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN053934.D

Acq: 25 Feb 2019 17:22

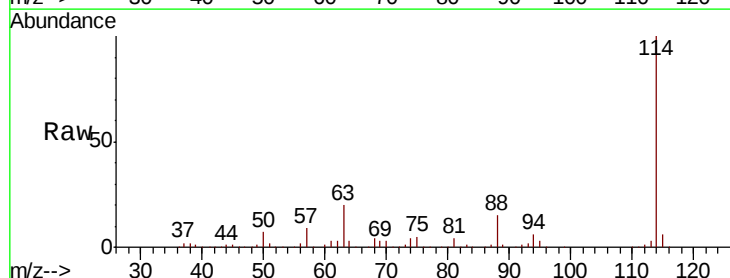
Tgt Ion: 114 Resp: 1064734

Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 15.5 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VN053934.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN053934.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN053934.D (-2026) (-)

8.59

600000

500000

400000

300000

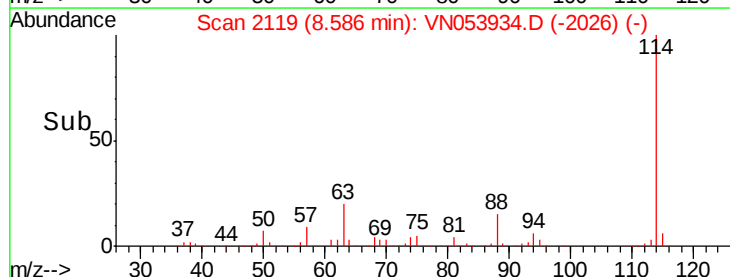
200000

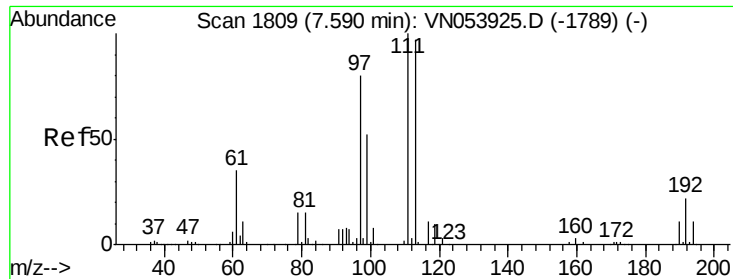
100000

0

8.50 8.60 8.70 8.80

Time-->

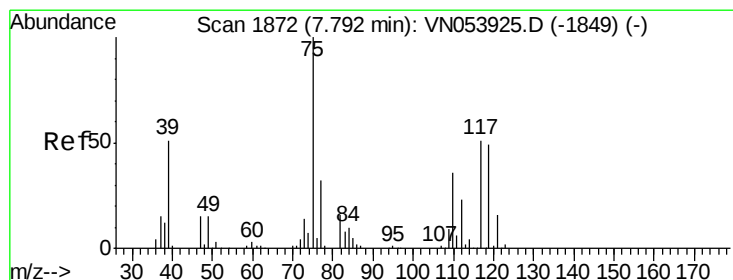
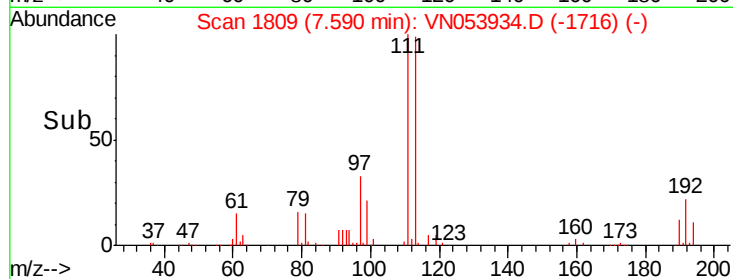
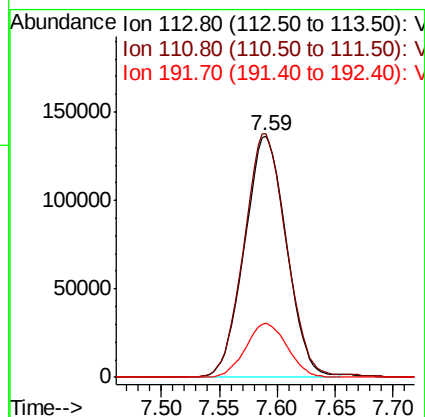
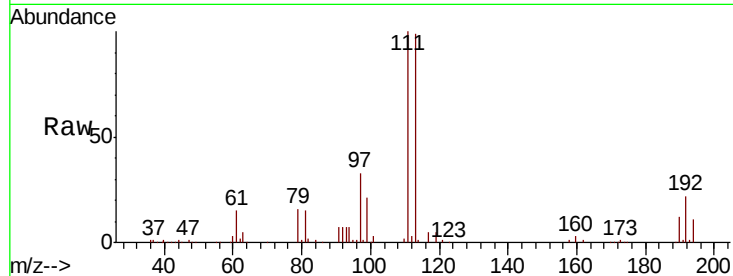




#35
 Dibromofluoromethane
 Concen: 49.986 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053934.D
 Acq: 25 Feb 2019 17:22

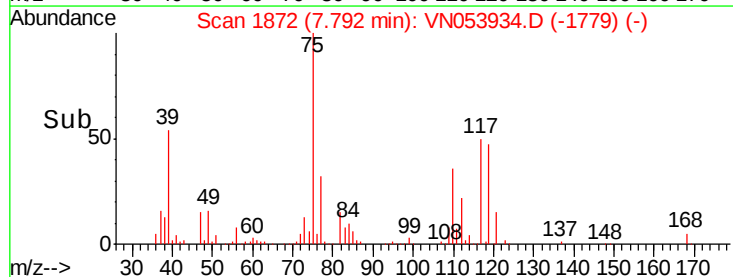
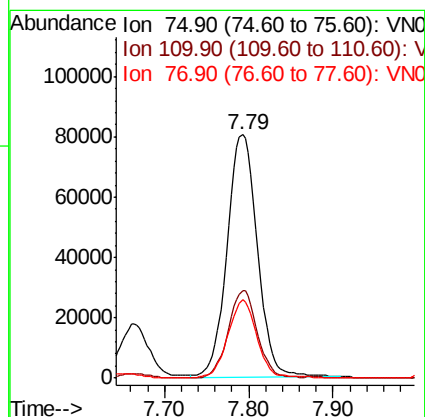
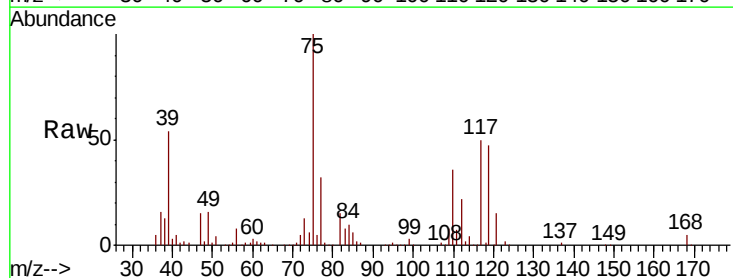
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBSD01

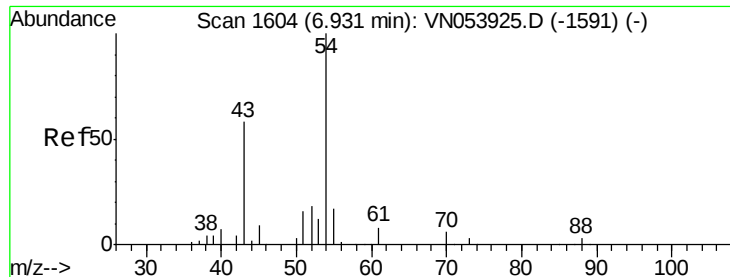
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.1	121.7
192	22.3	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 20.364 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN053934.D
 Acq: 25 Feb 2019 17:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.5	19.0	57.0
77	30.3	25.4	38.0

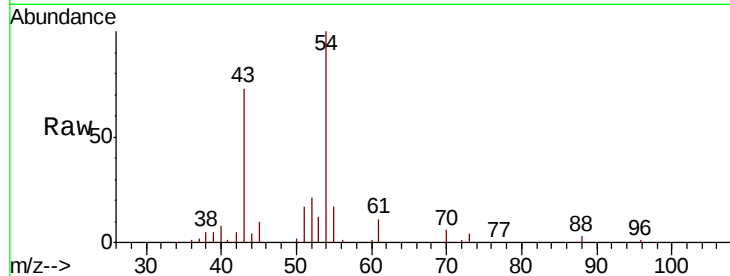




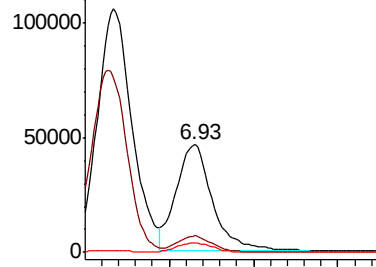
#37
 Ethyl Acetate
 Concen: 19.745 ug/l
 RT: 6.93 min Scan# 1604
 Delta R.T. -0.00 min
 Lab File: VN053934.D
 Acq: 25 Feb 2019 17:22

Instrument :
 MSVOA_N
 ClientSampled :
 VN0225WBSD01

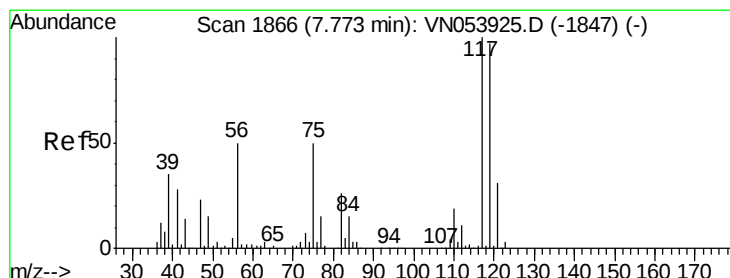
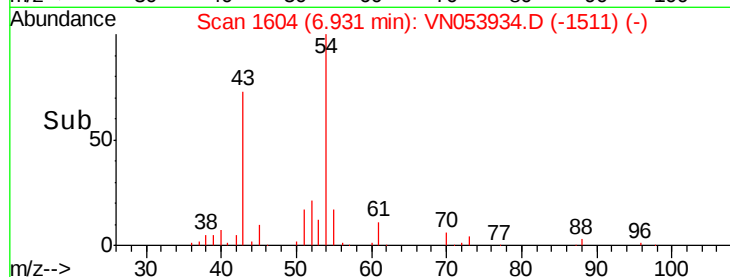
Tgt Ion: 43 Resp: 139602
 Ion Ratio Lower Upper
 43 100
 61 13.6 12.0 18.0
 70 8.9 8.7 13.1



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

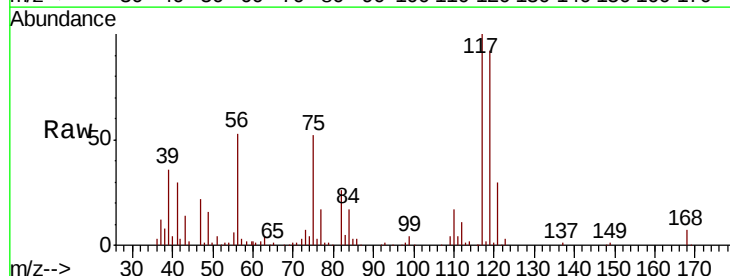


Time-->

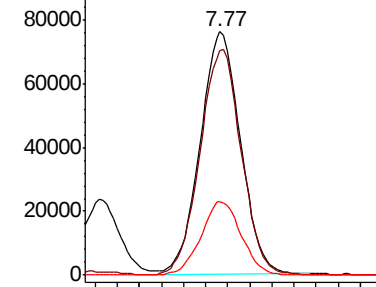


#38
 Carbon Tetrachloride
 Concen: 18.584 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN053934.D
 Acq: 25 Feb 2019 17:22

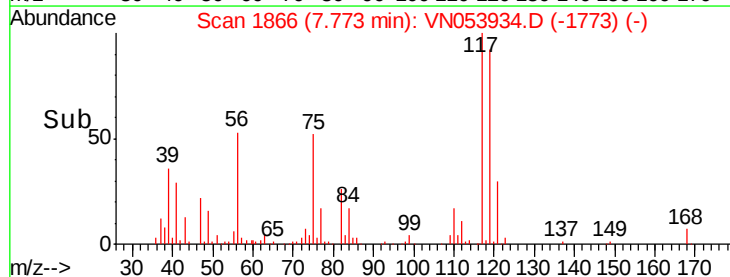
Tgt Ion: 117 Resp: 191383
 Ion Ratio Lower Upper
 117 100
 119 92.4 76.2 114.2
 121 30.6 24.6 36.8

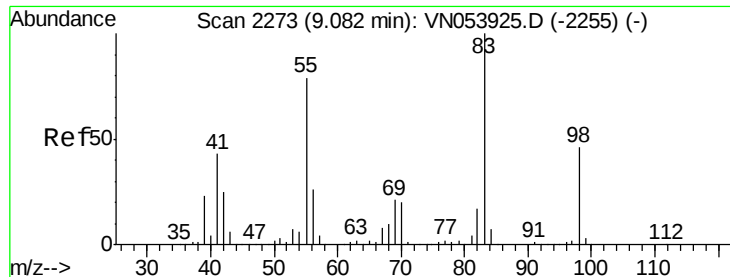


Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V



Time-->

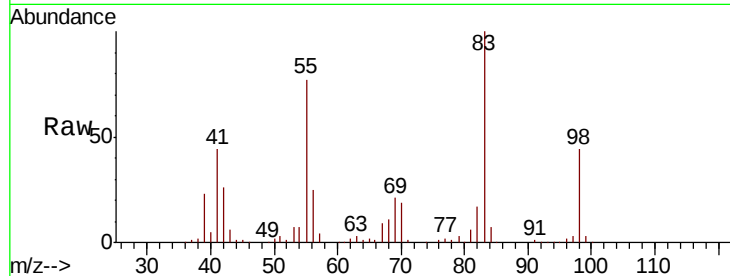




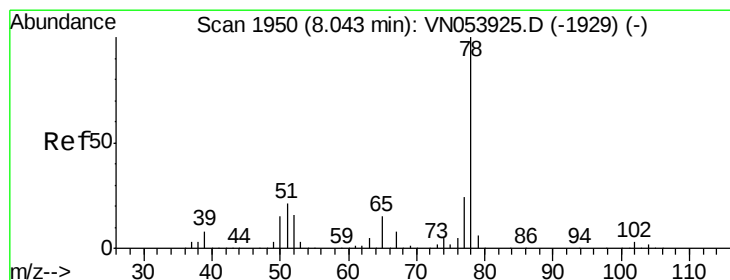
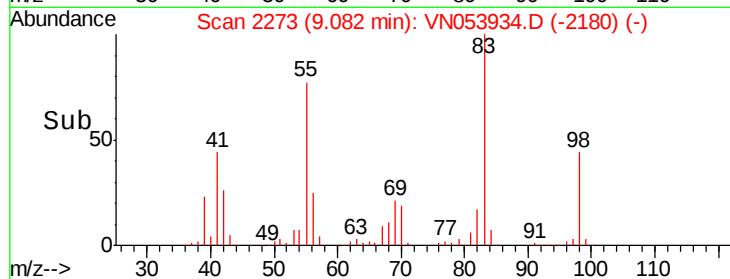
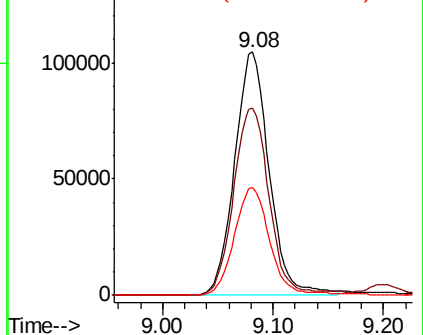
#39
Methylcyclohexane
Concen: 19.045 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN053934.D
Acq: 25 Feb 2019 17:22

Instrument :
MSVOA_N
ClientSampled :
VN0225WBSD01

Tgt Ion: 83 Resp: 227294
Ion Ratio Lower Upper
83 100
55 76.9 58.2 87.4
98 44.4 37.2 55.8

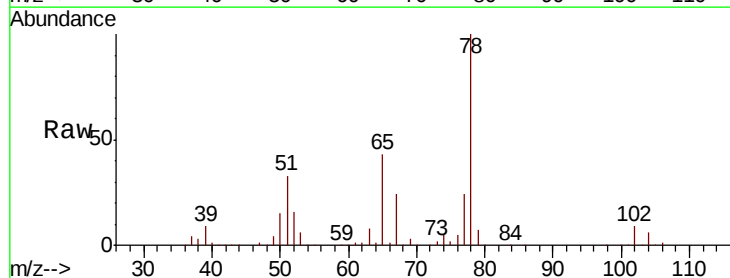


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

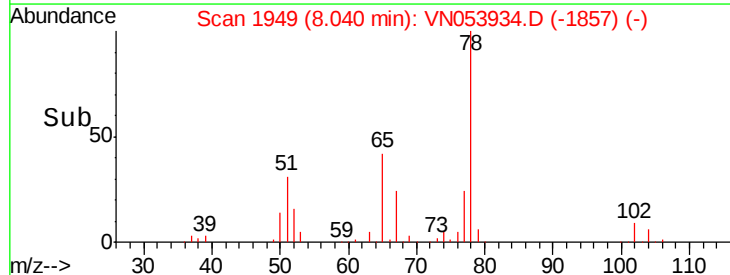
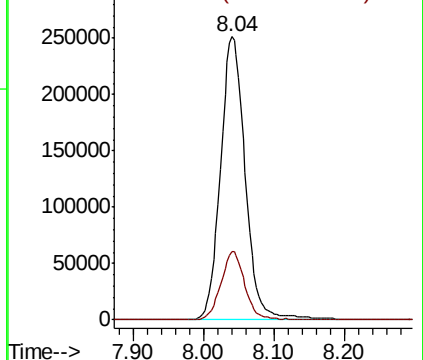


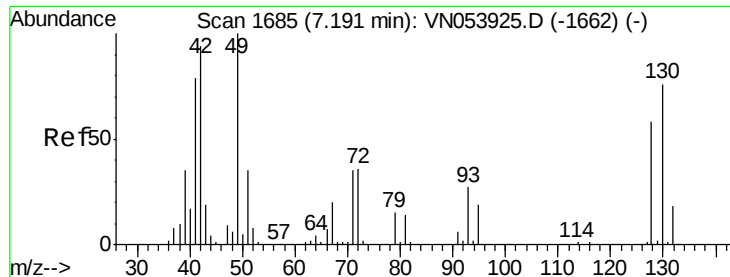
#40
Benzene
Concen: 20.287 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN053934.D
Acq: 25 Feb 2019 17:22

Tgt Ion: 78 Resp: 617097
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 16.823 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. -0.01 min

Lab File: VN053934.D

Acq: 25 Feb 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBSD01

Tgt Ion: 41 Resp: 76586

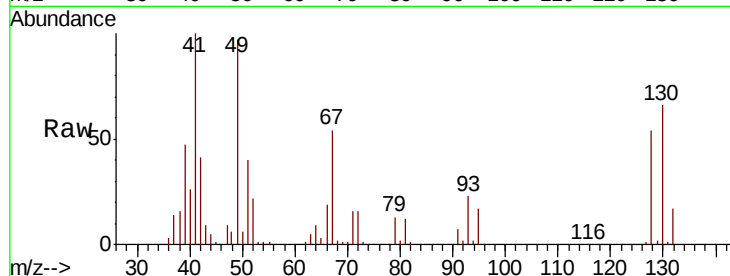
Ion Ratio Lower Upper

41 100

39 43.1 0.0 0.0#

67 76.7 0.0 0.0#

52 32.1 0.0 0.0#

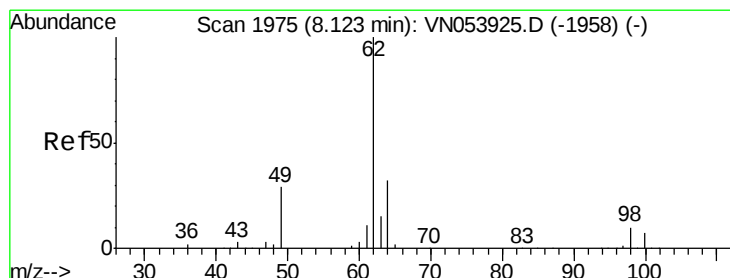
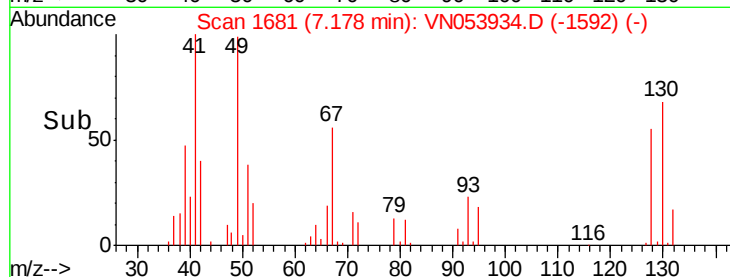
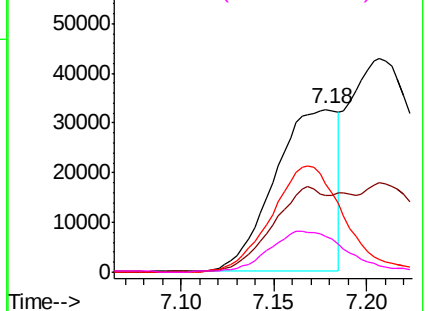


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#42

1,2-Dichloroethane

Concen: 19.927 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN053934.D

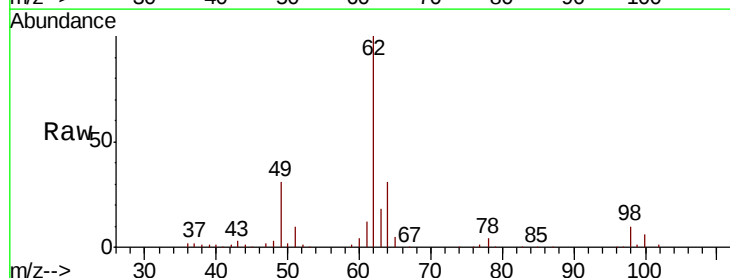
Acq: 25 Feb 2019 17:22

Tgt Ion: 62 Resp: 187663

Ion Ratio Lower Upper

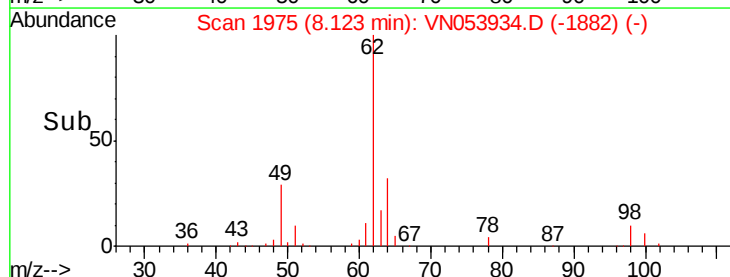
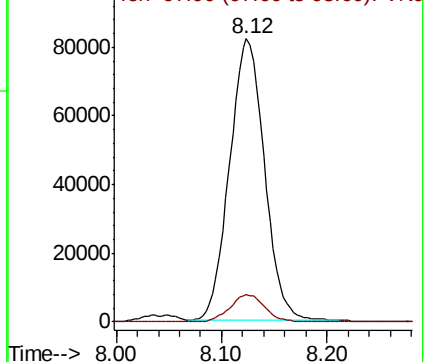
62 100

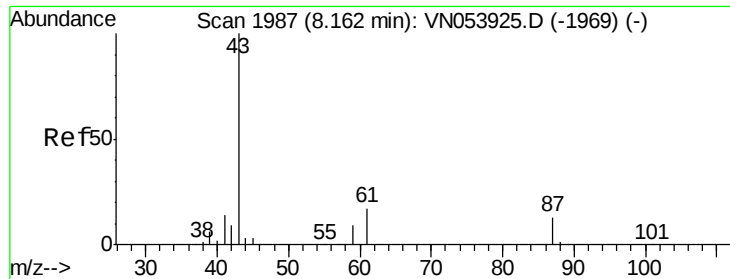
98 9.6 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 19.071 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN053934.D

Acq: 25 Feb 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBSD01

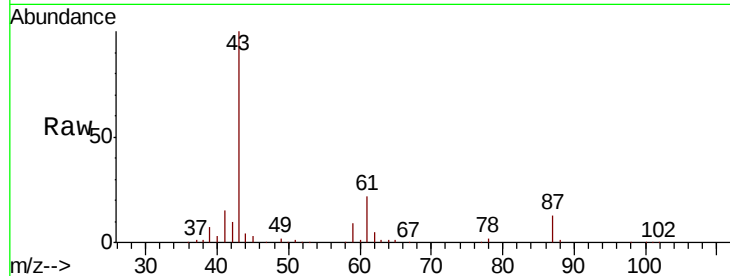
Tgt Ion: 43 Resp: 227659

Ion Ratio Lower Upper

43 100

61 28.5 17.4 26.0#

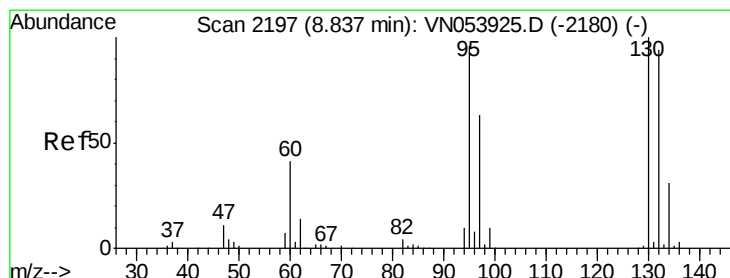
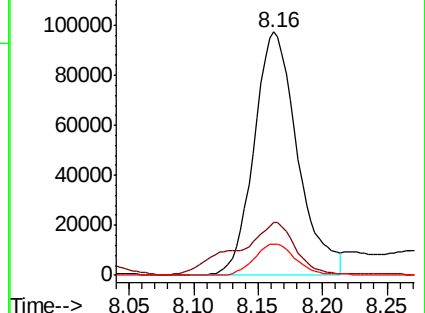
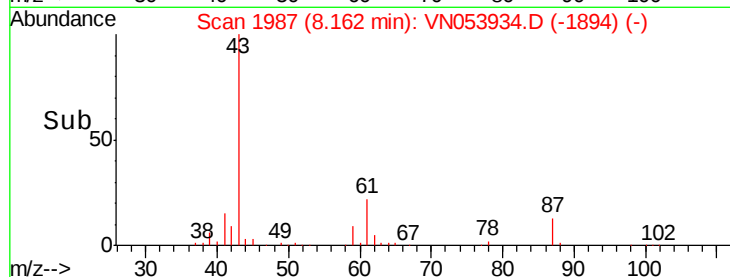
87 12.3 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VN053934.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN053934.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN053934.D (-1894) (-)



#44

Trichloroethene

Concen: 20.120 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN053934.D

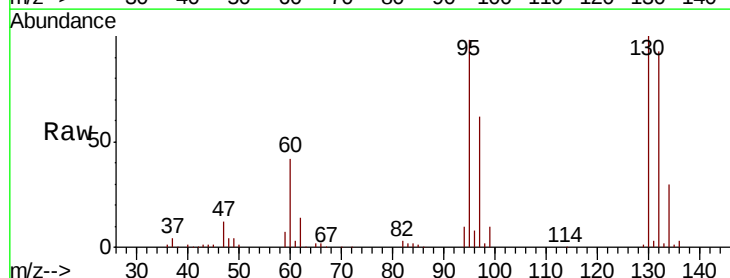
Acq: 25 Feb 2019 17:22

Tgt Ion: 130 Resp: 162249

Ion Ratio Lower Upper

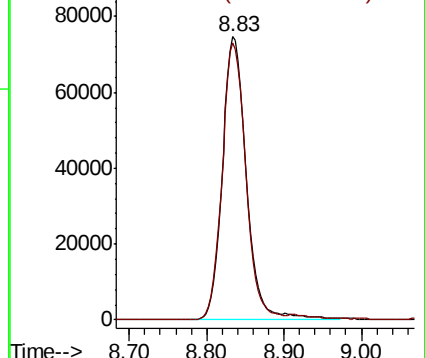
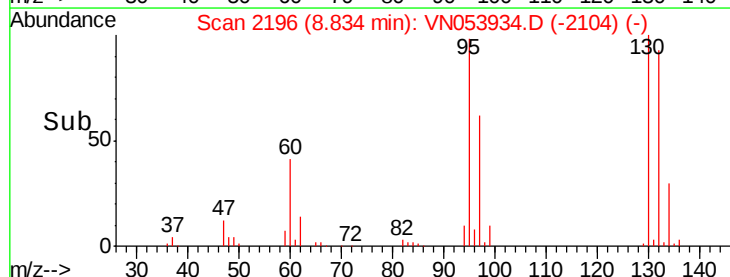
130 100

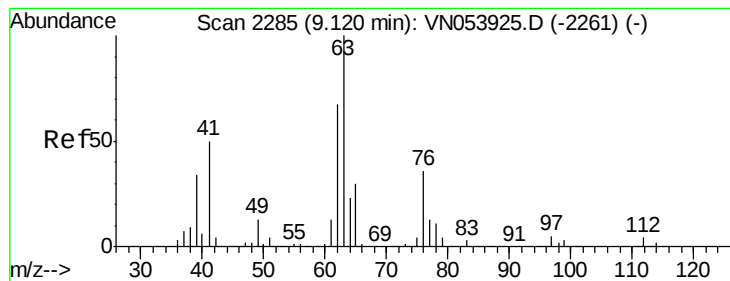
95 98.0 0.0 190.0



Abundance Ion 129.80 (129.50 to 130.50): VN053934.D (-2104) (-)

Ion 94.90 (94.60 to 95.60): VN053934.D (-2104) (-)





#45

1,2-Dichloropropane

Concen: 20.330 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN053934.D

Acq: 25 Feb 2019 17:22

Instrument :

MSVOA_N

ClientSampled :

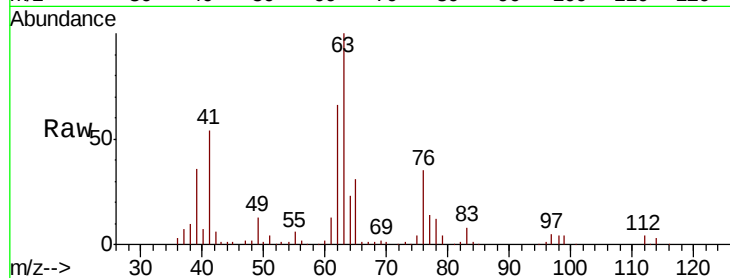
VN0225WBSD01

Tgt Ion: 63 Resp: 166845

Ion Ratio Lower Upper

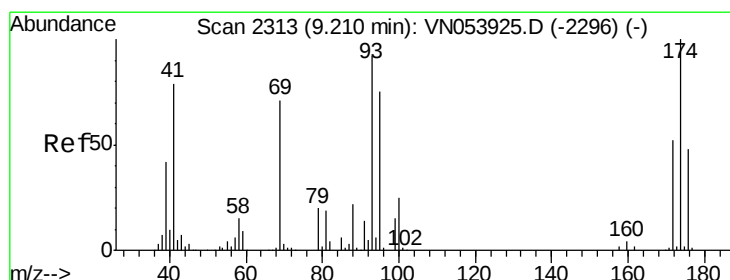
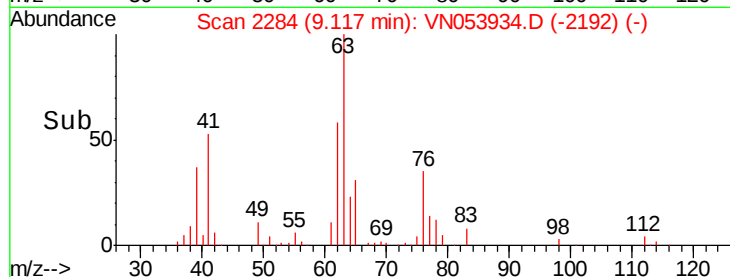
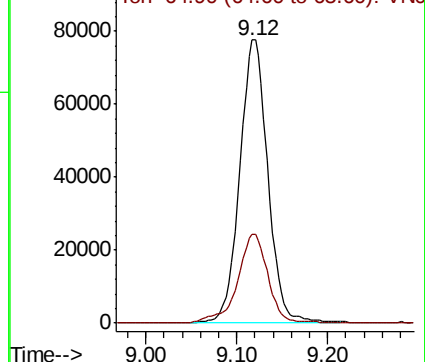
63 100

65 31.5 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.943 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN053934.D

Acq: 25 Feb 2019 17:22

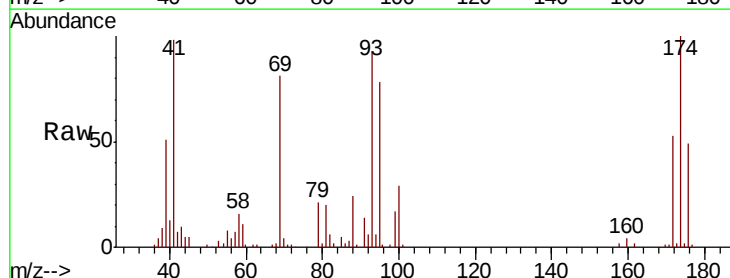
Tgt Ion: 93 Resp: 95018

Ion Ratio Lower Upper

93 100

95 83.1 66.6 100.0

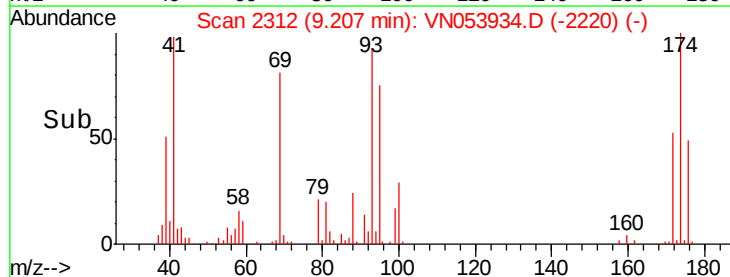
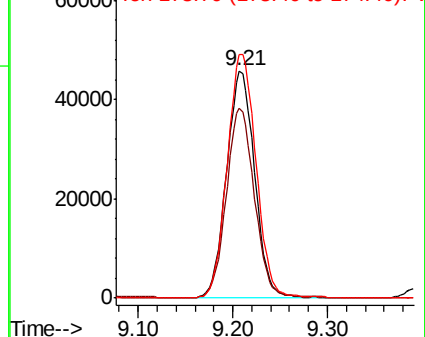
174 110.0 96.2 144.4

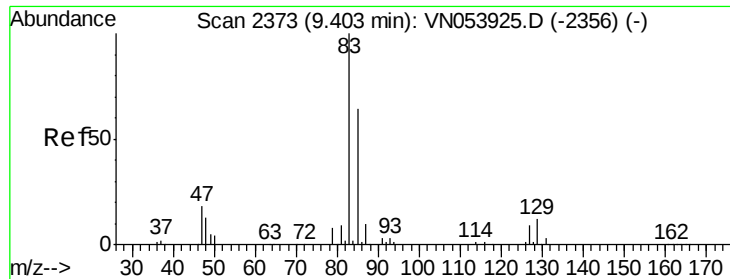


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.724 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053934.D

Acq: 25 Feb 2019 17:22

Instrument :

MSVOA_N

ClientSampled :

VN0225WBSD01

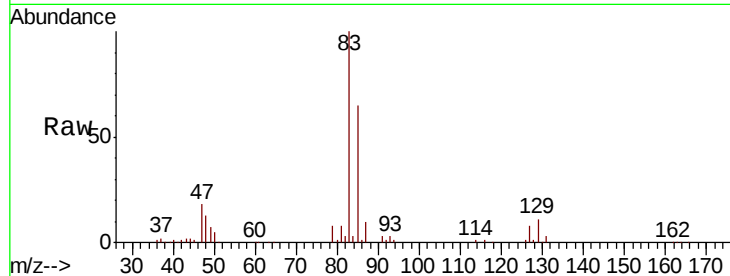
Tgt Ion: 83 Resp: 198043

Ion Ratio Lower Upper

83 100

85 64.8 51.8 77.6

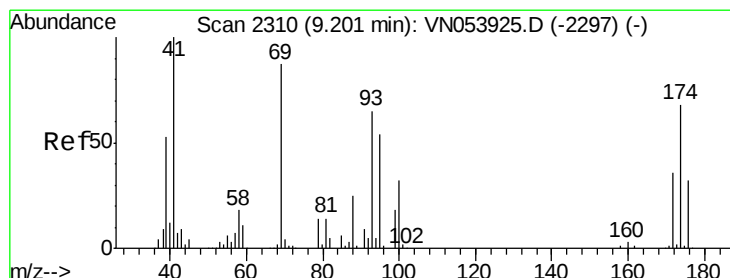
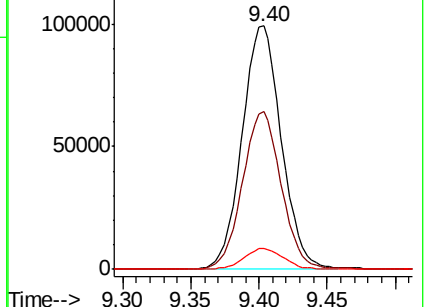
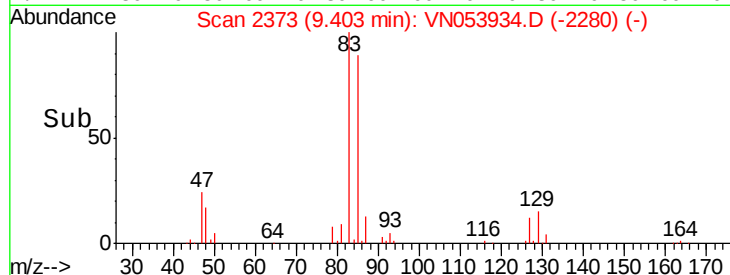
127 8.5 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 20.134 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN053934.D

Acq: 25 Feb 2019 17:22

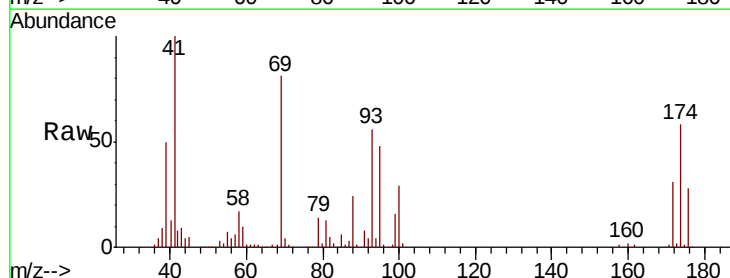
Tgt Ion: 41 Resp: 110554

Ion Ratio Lower Upper

41 100

69 87.3 74.8 112.2

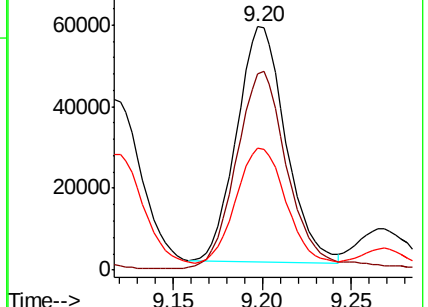
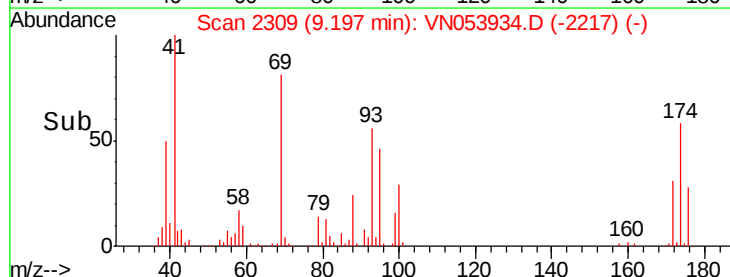
39 55.0 39.0 58.6

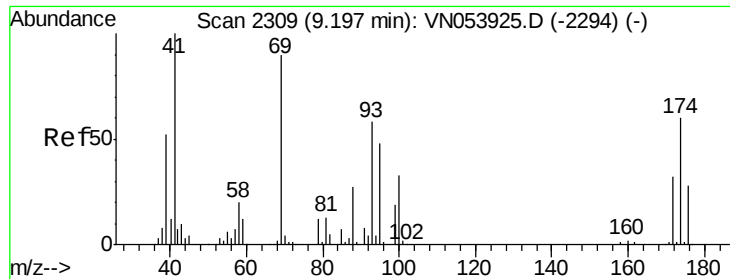


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

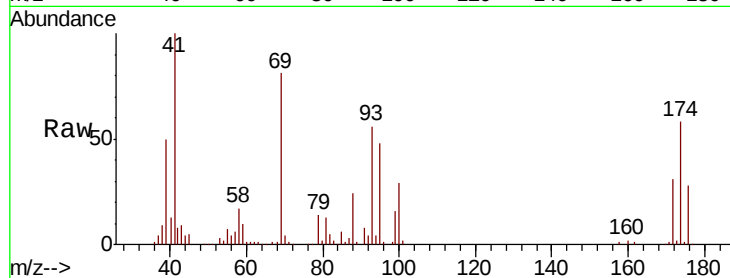




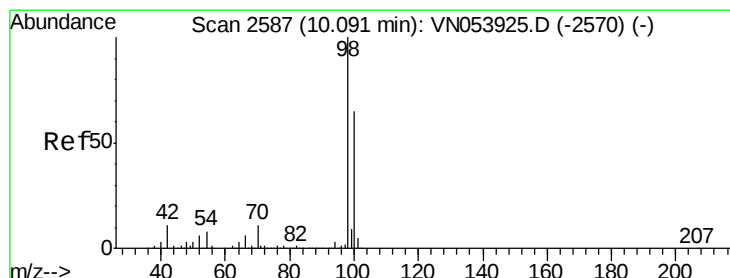
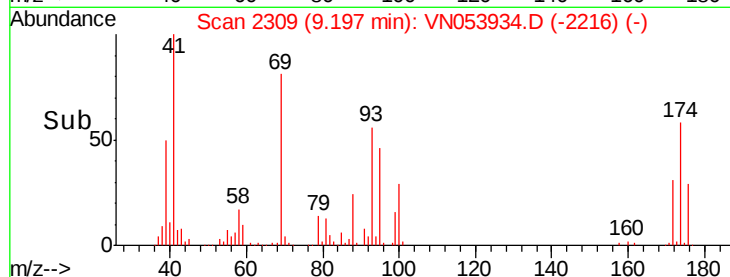
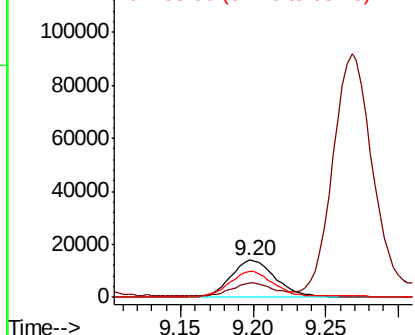
#49
 1,4-Dioxane
 Concen: 408.984 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN053934.D
 Acq: 25 Feb 2019 17:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBSD01

Tgt Ion: 88 Resp: 30416
 Ion Ratio Lower Upper
 88 100
 43 29.9 21.2 31.8
 58 69.0 54.2 81.2

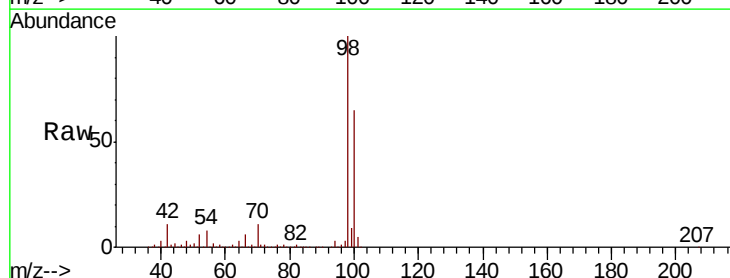


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

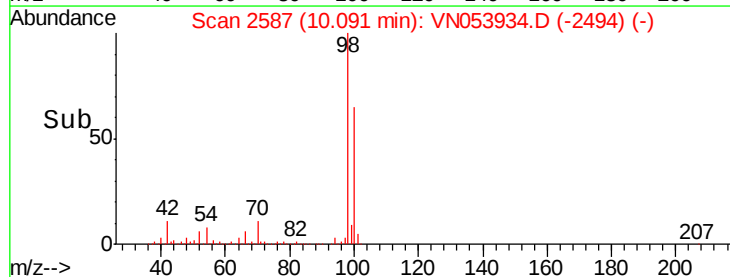
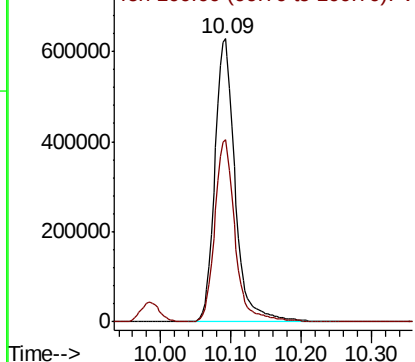


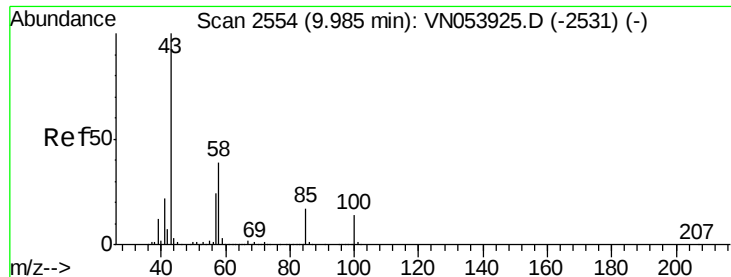
#50
 Toluene-d8
 Concen: 49.068 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN053934.D
 Acq: 25 Feb 2019 17:22

Tgt Ion: 98 Resp: 1257631
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.9 77.9



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

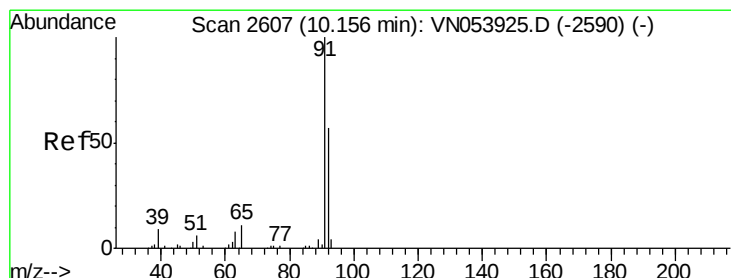
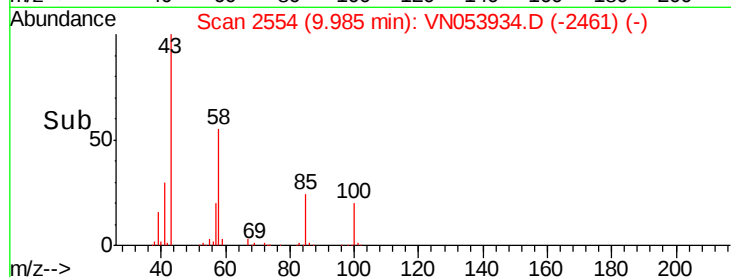
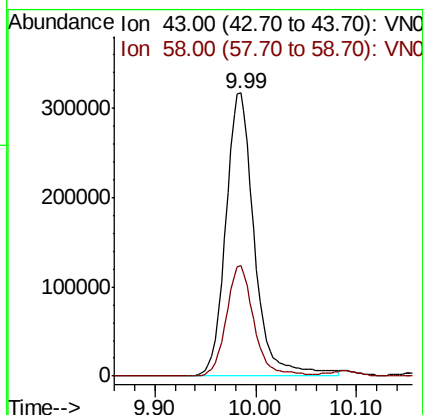
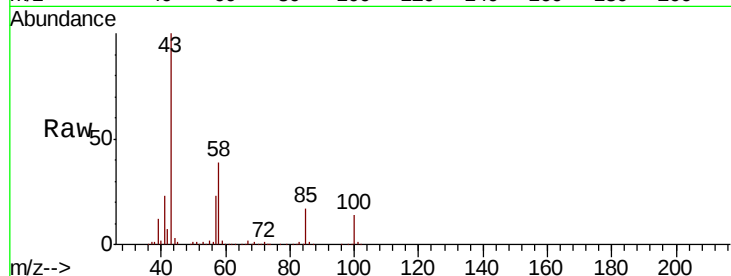




#51
 4-Methyl-2-Pentanone
 Concen: 101.853 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN053934.D
 Acq: 25 Feb 2019 17:22

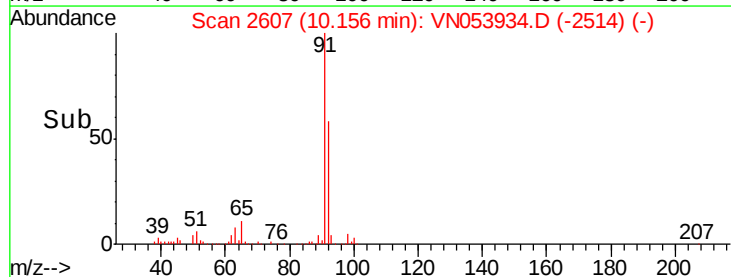
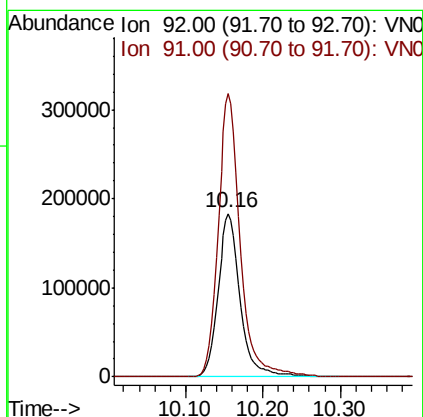
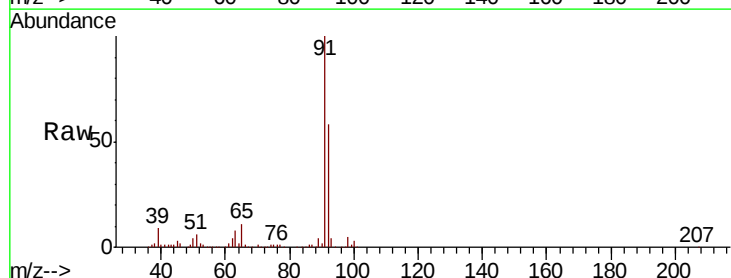
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBSD01

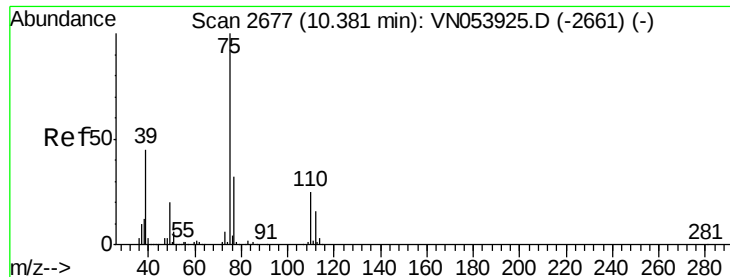
Tgt Ion: 43 Resp: 624792
 Ion Ratio Lower Upper
 43 100
 58 37.9 32.7 49.1



#52
 Toluene
 Concen: 20.430 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN053934.D
 Acq: 25 Feb 2019 17:22

Tgt Ion: 92 Resp: 365932
 Ion Ratio Lower Upper
 92 100
 91 173.1 138.4 207.6





#53

t-1,3-Dichloropropene

Concen: 19.822 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN053934.D

Acq: 25 Feb 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

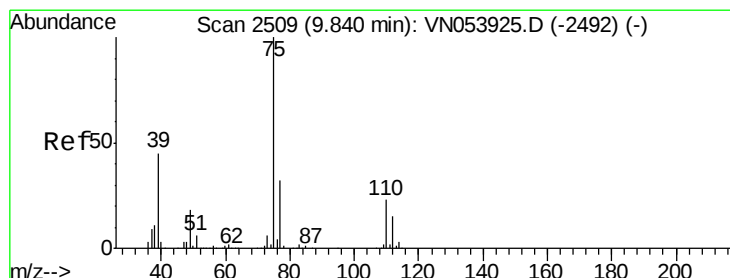
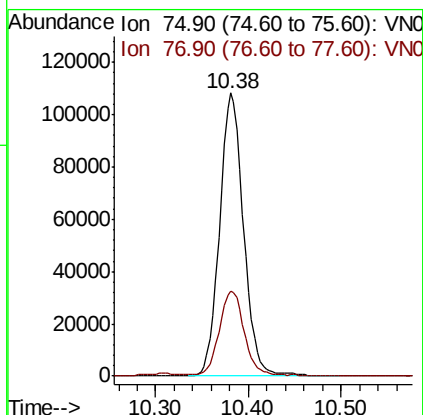
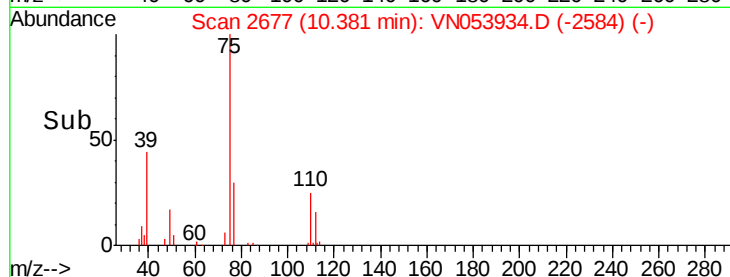
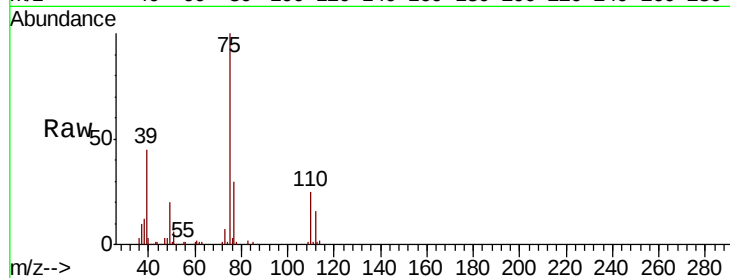
VN0225WBSD01

Tgt Ion: 75 Resp: 193649

Ion Ratio Lower Upper

75 100

77 30.0 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 20.139 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN053934.D

Acq: 25 Feb 2019 17:22

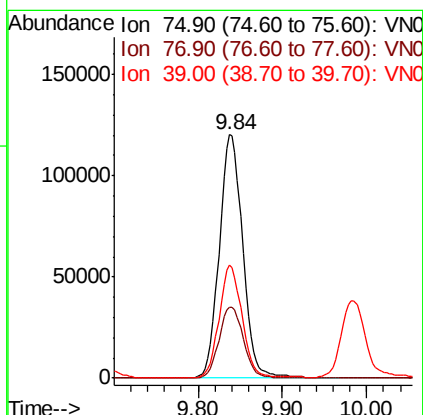
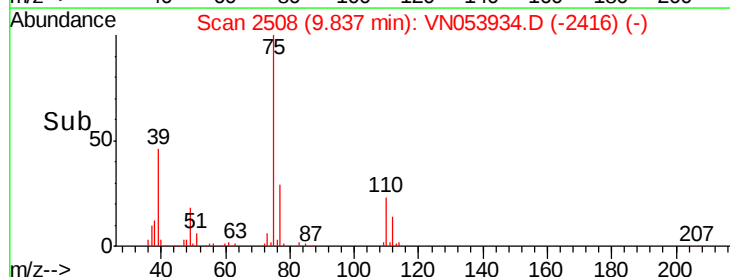
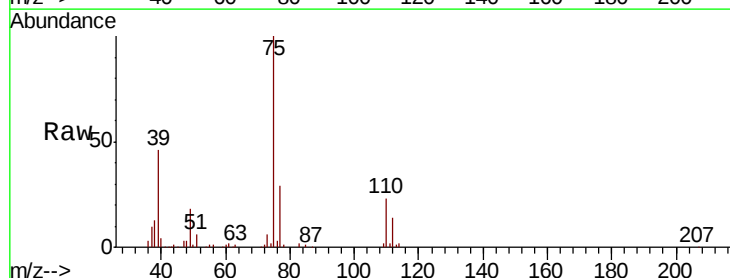
Tgt Ion: 75 Resp: 231943

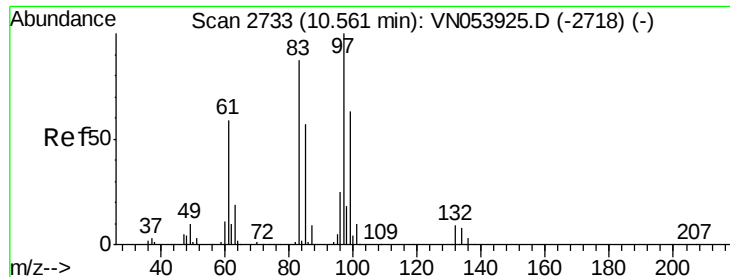
Ion Ratio Lower Upper

75 100

77 29.3 25.8 38.6

39 46.4 31.4 47.0

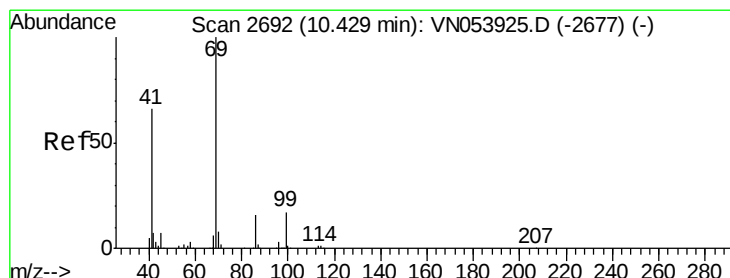
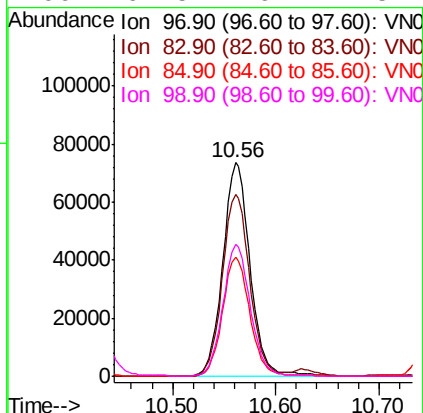
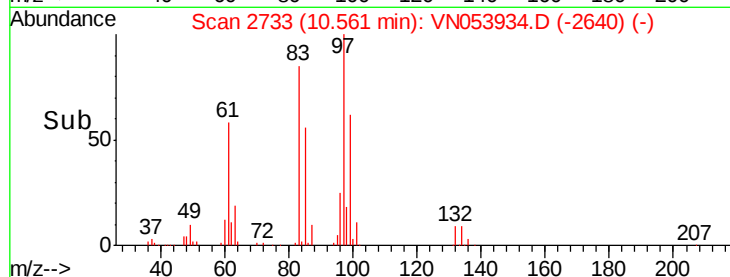
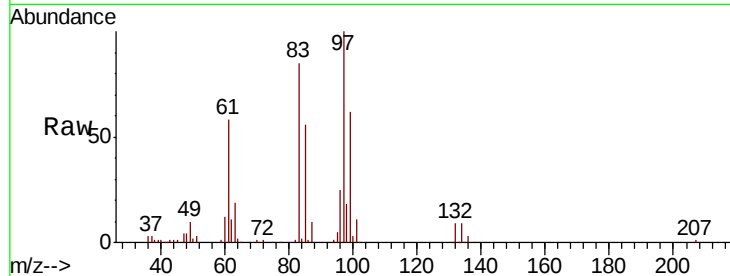




#55
 1,1,2-Trichloroethane
 Concen: 20.223 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN053934.D
 Acq: 25 Feb 2019 17:22

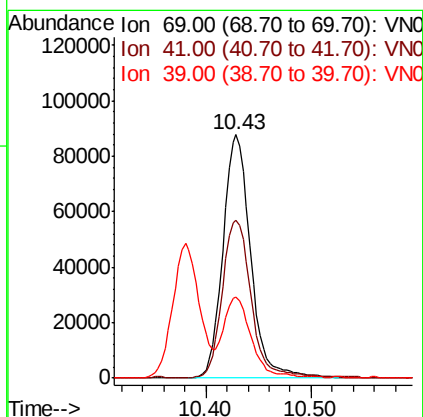
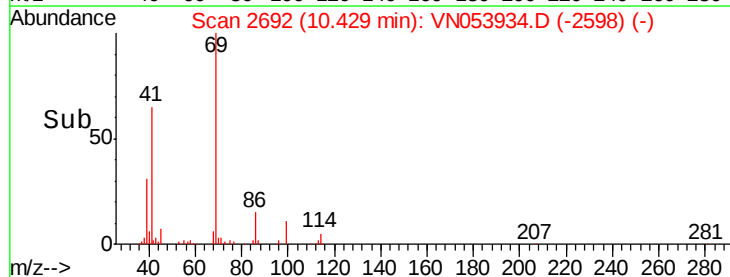
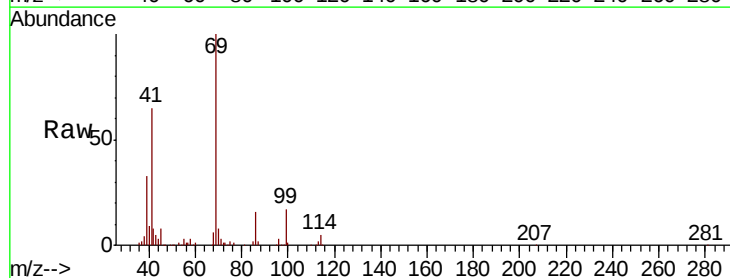
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBSD01

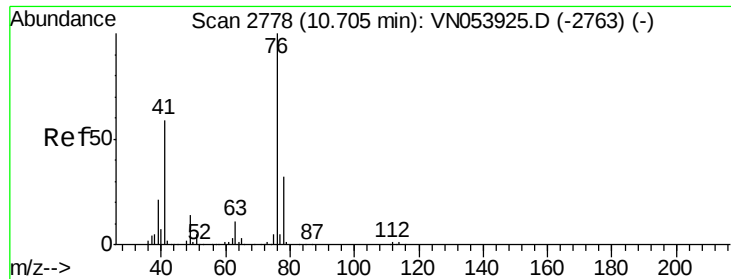
Tgt Ion:	97	Resp:	135277
Ion	Ratio	Lower	Upper
97	100		
83	85.0	69.5	104.3
85	55.6	45.9	68.9
99	61.5	49.1	73.7



#56
 Ethyl methacrylate
 Concen: 19.463 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053934.D
 Acq: 25 Feb 2019 17:22

Tgt Ion:	69	Resp:	159808
Ion	Ratio	Lower	Upper
69	100		
41	66.6	47.5	71.3
39	34.1	23.4	35.0





#57

1,3-Dichloropropane

Concen: 20.335 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN053934.D

Acq: 25 Feb 2019 17:22

Instrument :

MSVOA_N

ClientSampled :

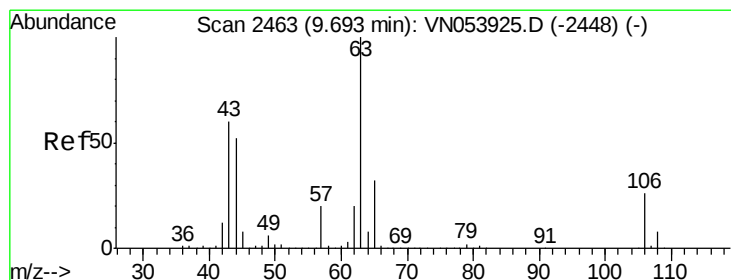
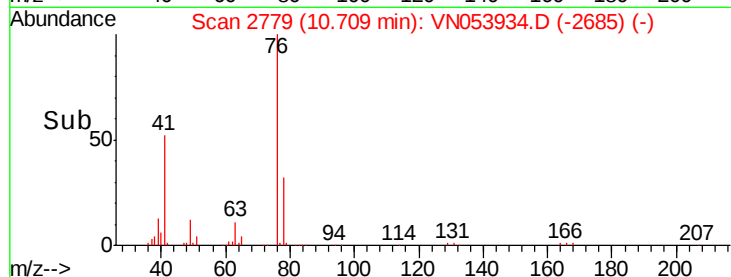
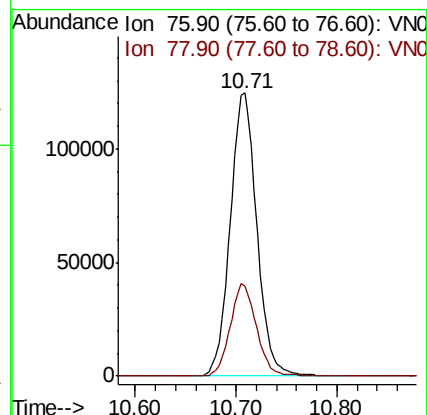
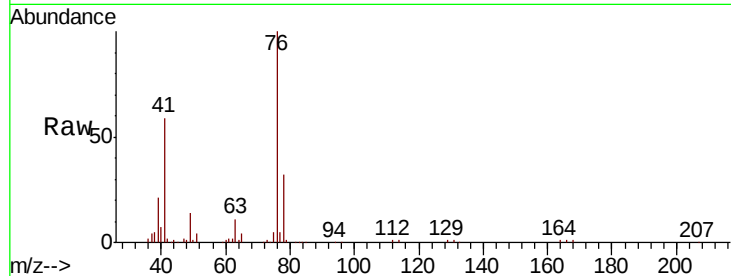
VN0225WBSD01

Tgt Ion: 76 Resp: 229832

Ion Ratio Lower Upper

76 100

78 32.0 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 95.509 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN053934.D

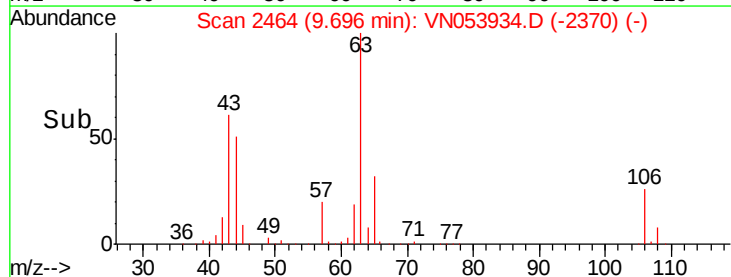
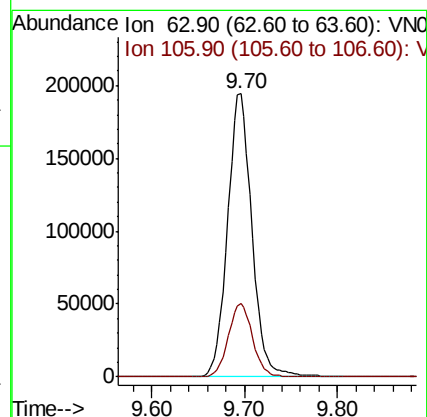
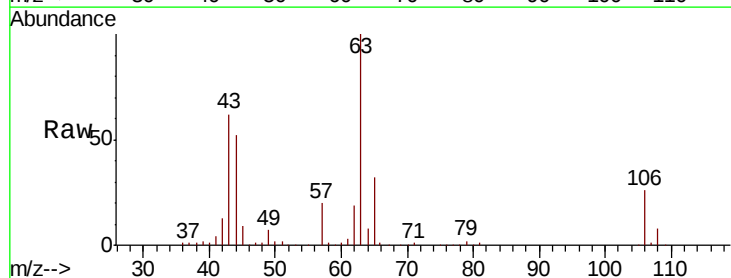
Acq: 25 Feb 2019 17:22

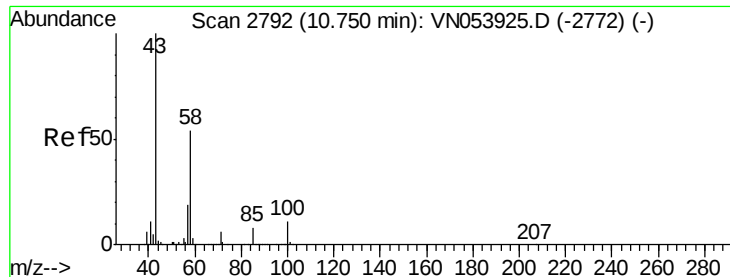
Tgt Ion: 63 Resp: 353661

Ion Ratio Lower Upper

63 100

106 25.8 22.2 33.2

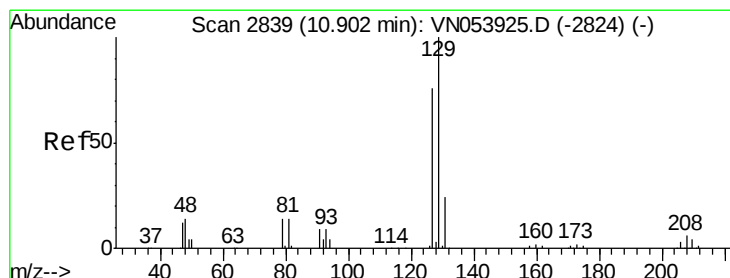
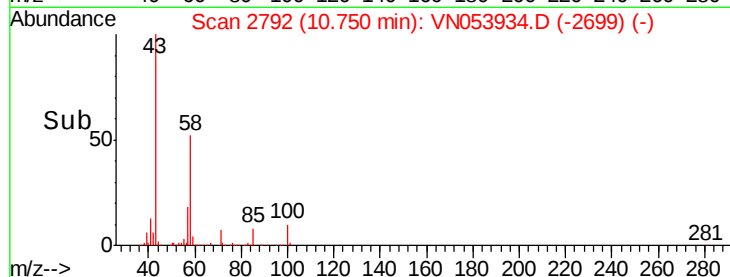
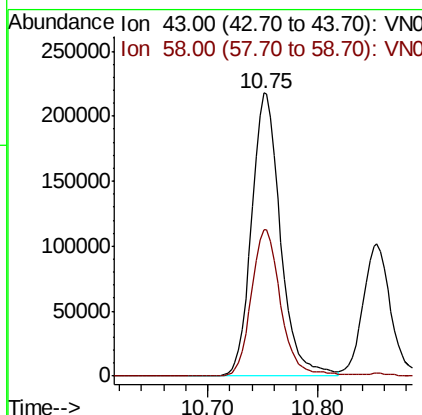
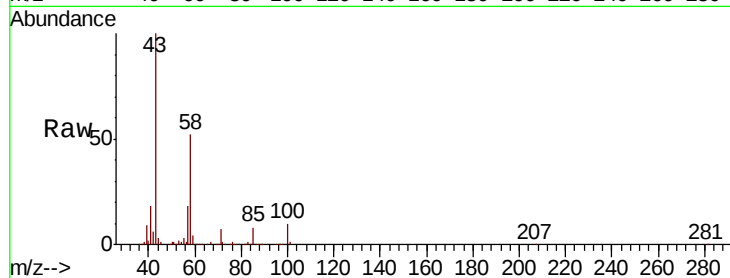




#59
2-Hexanone
Concen: 98.747 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN053934.D
Acq: 25 Feb 2019 17:22

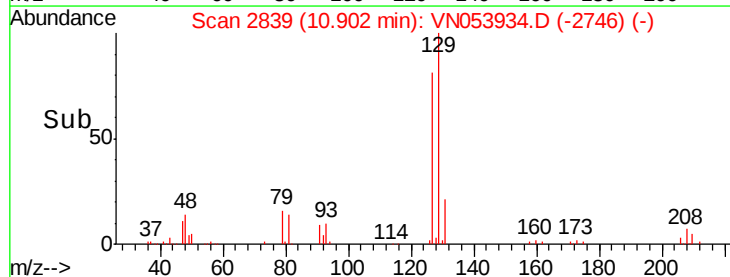
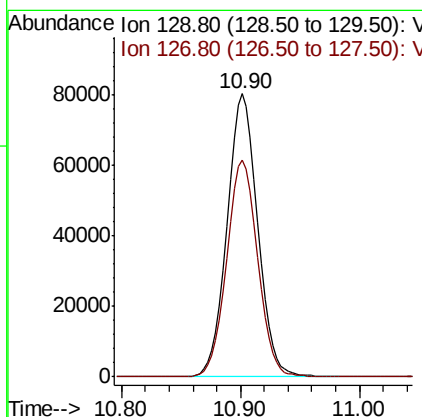
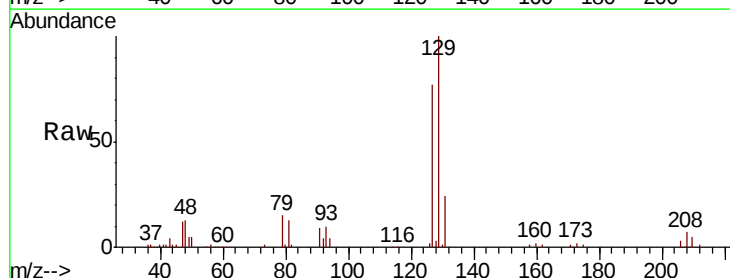
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01

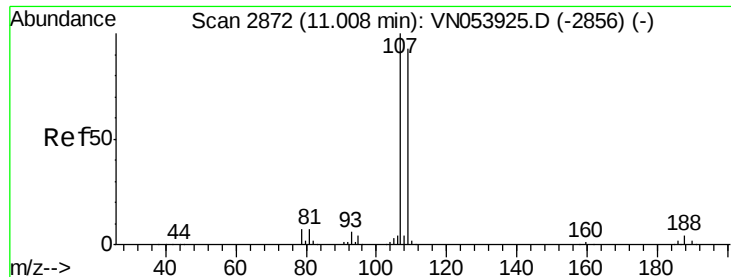
Tgt Ion: 43 Resp: 393959
Ion Ratio Lower Upper
43 100
58 52.9 29.1 87.4



#60
Dibromochloromethane
Concen: 19.222 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN053934.D
Acq: 25 Feb 2019 17:22

Tgt Ion: 129 Resp: 142895
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.3





#61

1,2-Dibromoethane

Concen: 19.330 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN053934.D

Acq: 25 Feb 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

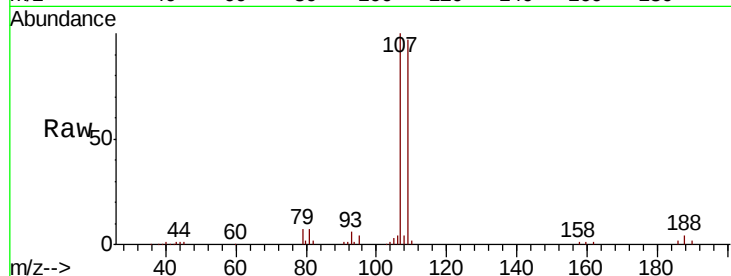
VN0225WBSD01

Tgt Ion:107 Resp: 124732

Ion Ratio Lower Upper

107 100

109 96.6 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

80000

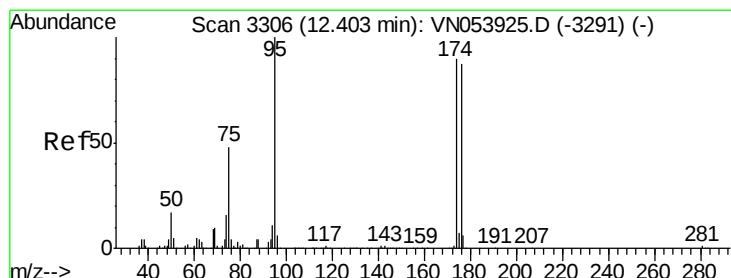
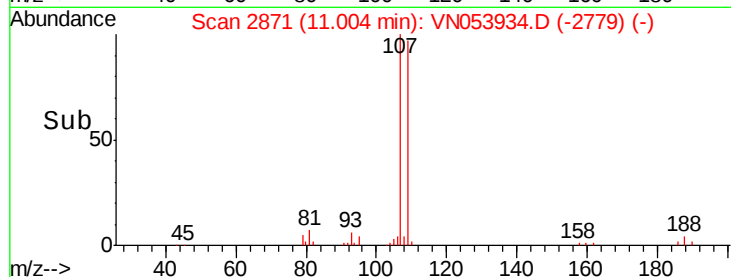
60000

40000

20000

0

Time--> 10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 48.081 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053934.D

Acq: 25 Feb 2019 17:22

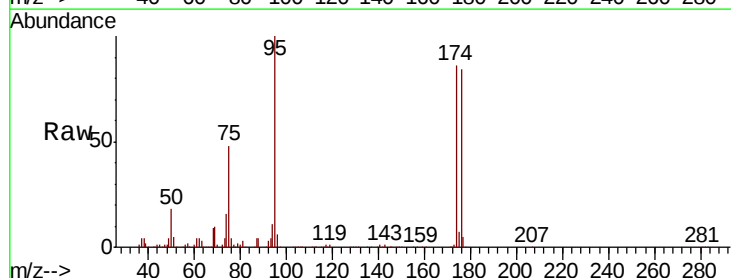
Tgt Ion: 95 Resp: 410579

Ion Ratio Lower Upper

95 100

174 88.0 0.0 188.8

176 85.6 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

250000

200000

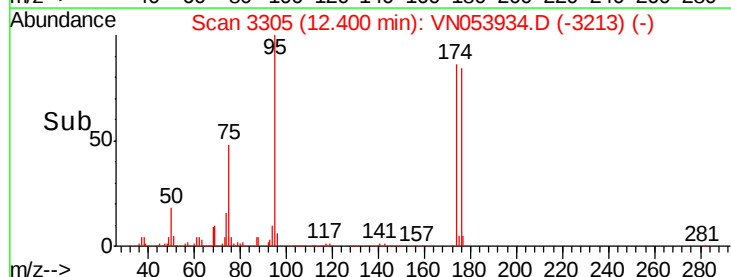
150000

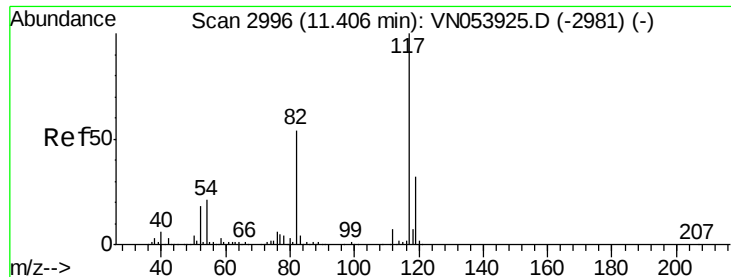
100000

50000

0

Time--> 12.30 12.40 12.50

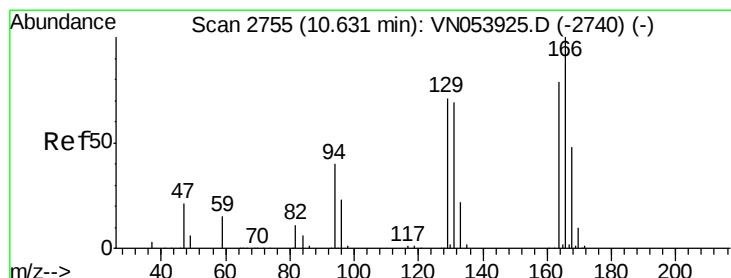
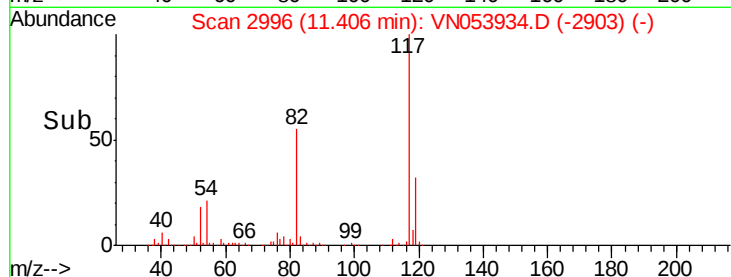
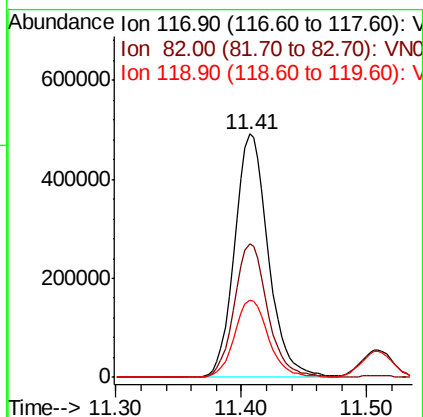
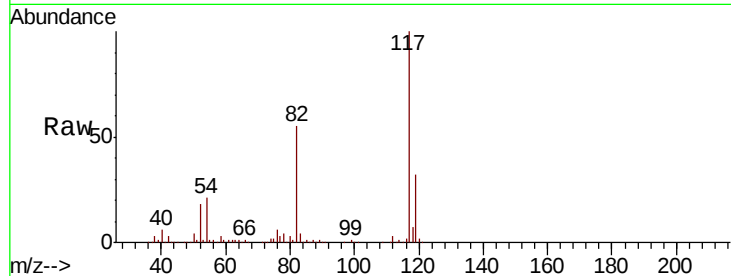




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053934.D
Acq: 25 Feb 2019 17:22

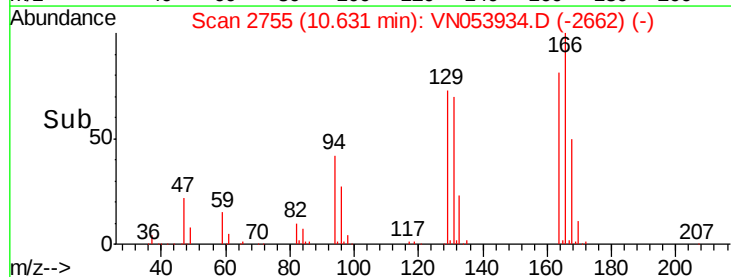
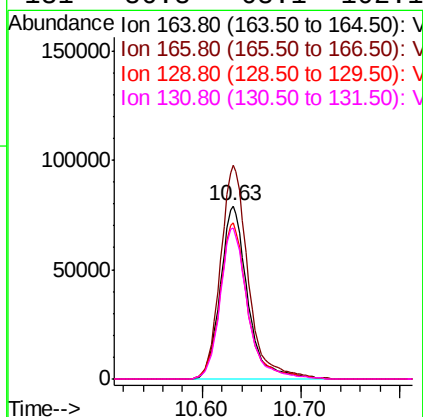
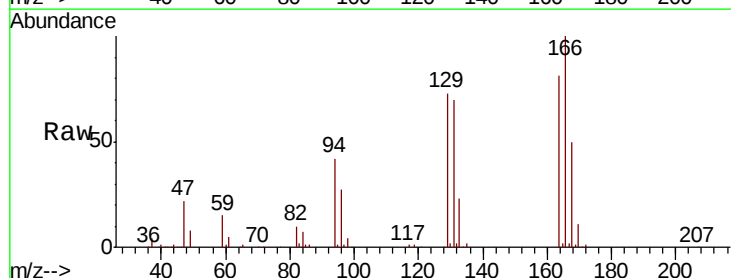
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01

Tgt Ion:117 Resp: 915901
Ion Ratio Lower Upper
117 100
82 55.0 41.4 62.2
119 31.7 25.3 37.9



#64
Tetrachloroethene
Concen: 19.814 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN053934.D
Acq: 25 Feb 2019 17:22

Tgt Ion:164 Resp: 153673
Ion Ratio Lower Upper
164 100
166 123.2 102.6 153.8
129 89.8 69.4 104.0
131 86.8 68.1 102.1

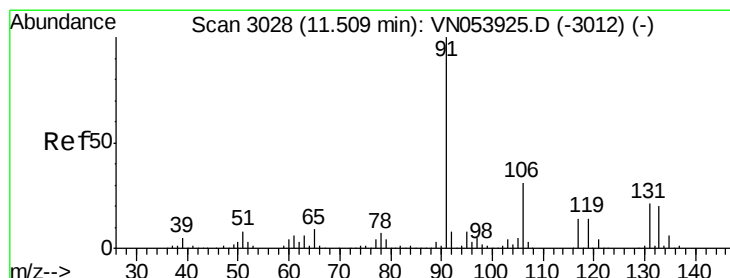
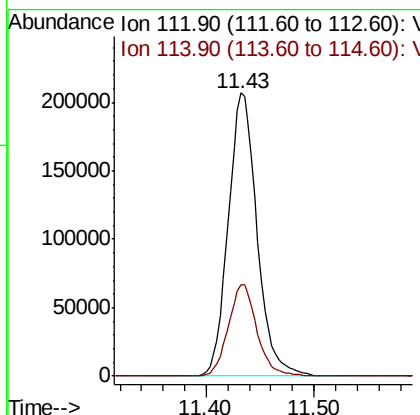
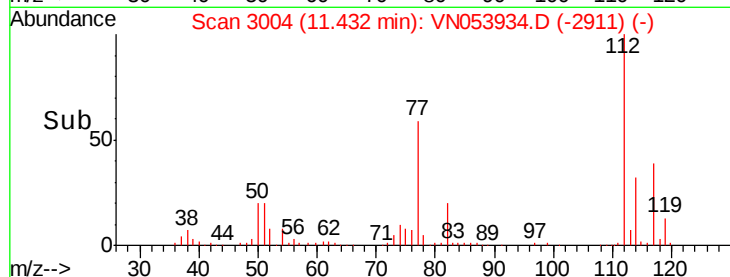
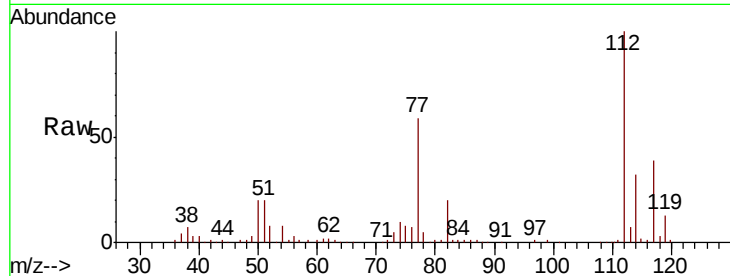




#65
Chlorobenzene
Concen: 19.915 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN053934.D
Acq: 25 Feb 2019 17:22

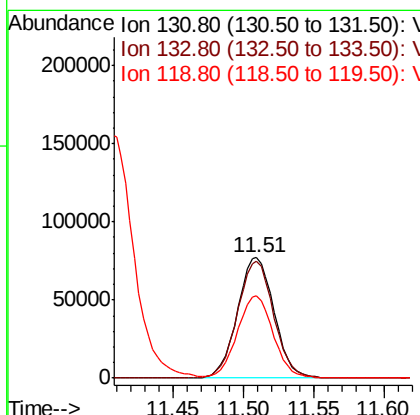
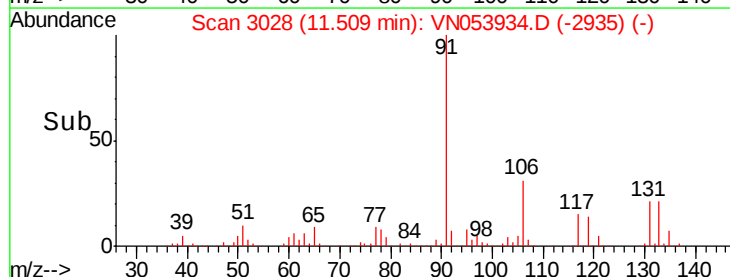
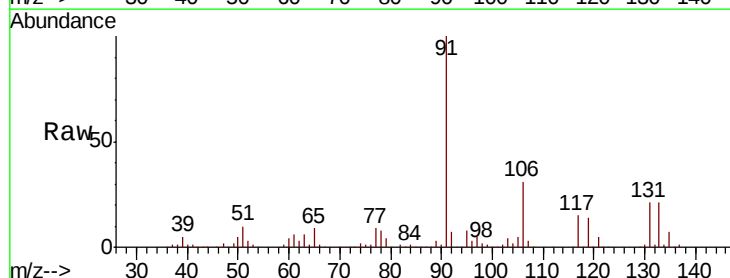
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01

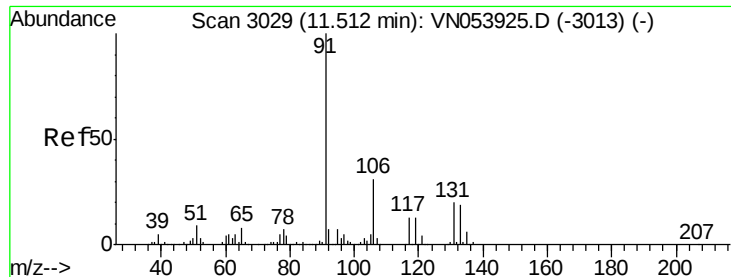
Tgt Ion:112 Resp: 384951
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.189 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053934.D
Acq: 25 Feb 2019 17:22

Tgt Ion:131 Resp: 140644
Ion Ratio Lower Upper
131 100
133 96.0 47.7 143.1
119 66.9 33.1 99.3





#67

Ethyl Benzene

Concen: 20.139 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN053934.D

Acq: 25 Feb 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

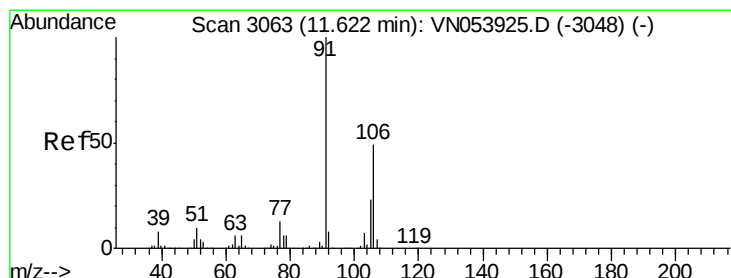
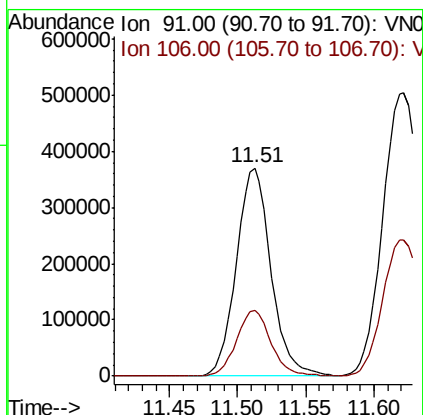
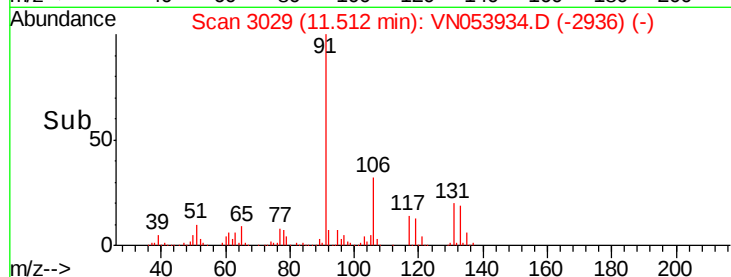
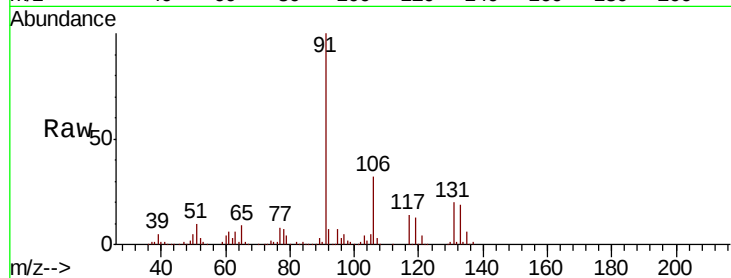
VN0225WBSD01

Tgt Ion: 91 Resp: 652614

Ion Ratio Lower Upper

91 100

106 31.6 25.2 37.8



#68

m/p-Xylenes

Concen: 40.719 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. -0.00 min

Lab File: VN053934.D

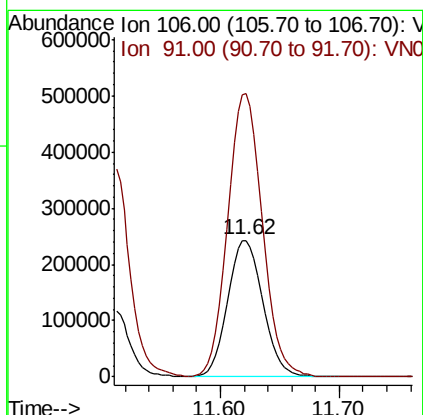
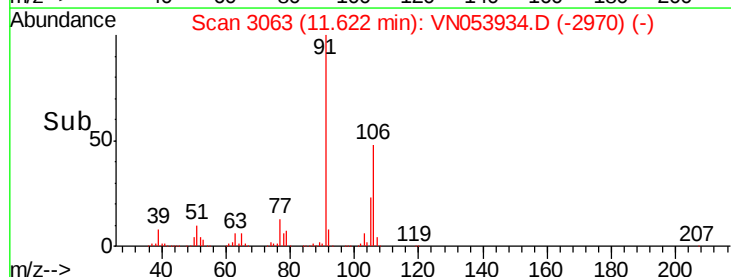
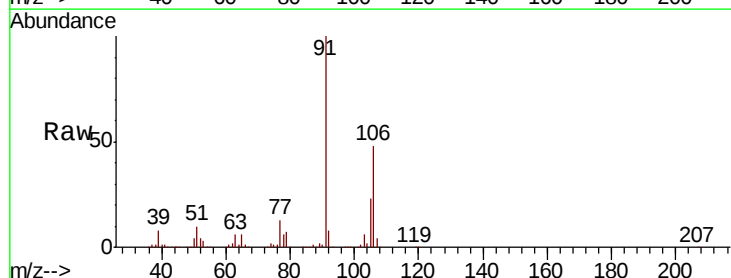
Acq: 25 Feb 2019 17:22

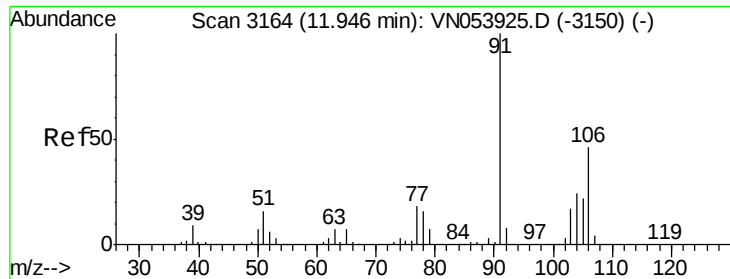
Tgt Ion: 106 Resp: 498006

Ion Ratio Lower Upper

106 100

91 204.5 158.9 238.3

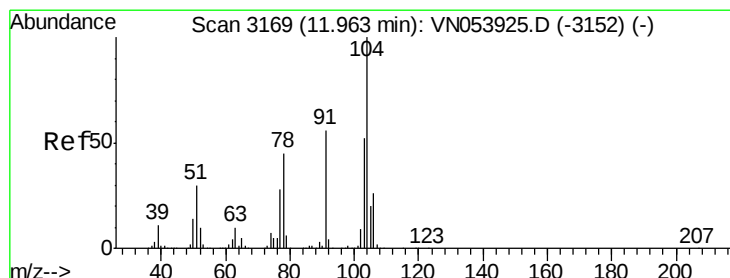
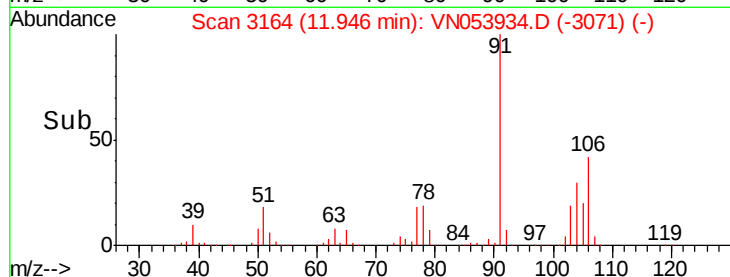
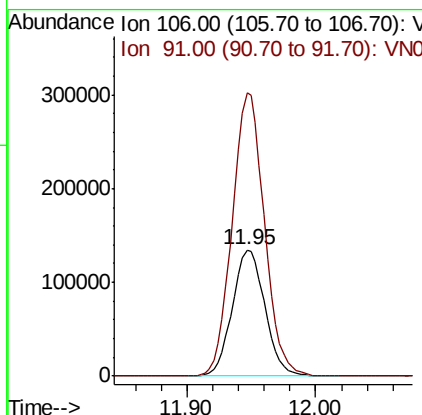
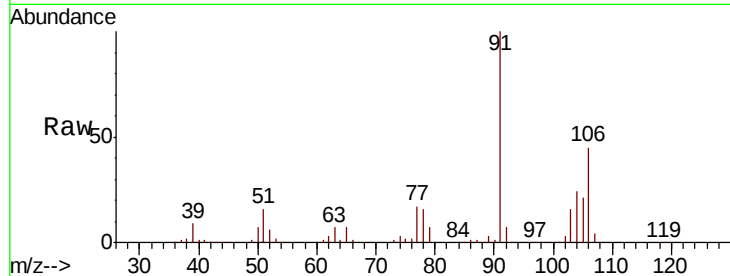




#69
o-Xylene
Concen: 19.668 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053934.D
Acq: 25 Feb 2019 17:22

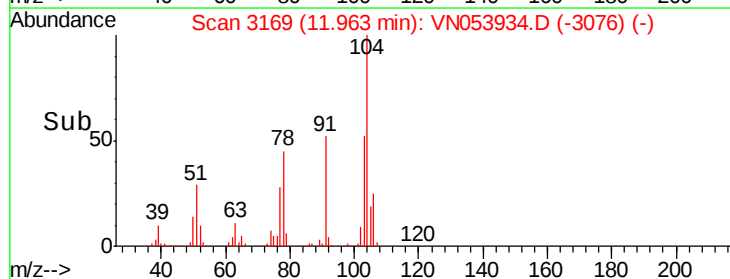
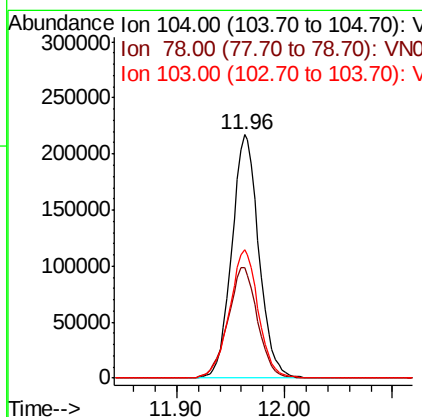
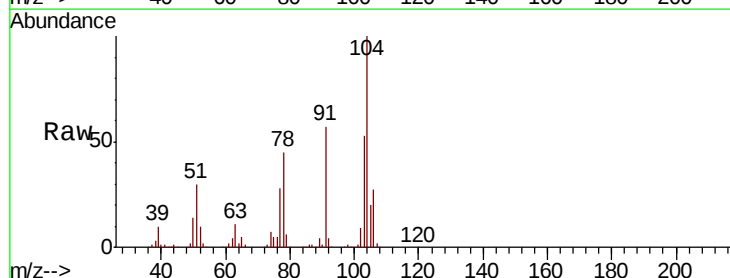
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01

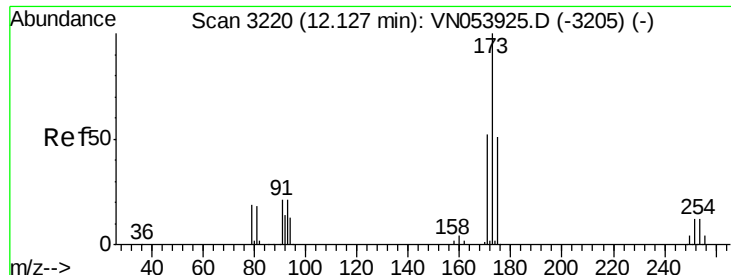
Tgt Ion:106 Resp: 236355
Ion Ratio Lower Upper
106 100
91 221.5 106.0 318.0



#70
Styrene
Concen: 20.549 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN053934.D
Acq: 25 Feb 2019 17:22

Tgt Ion:104 Resp: 379831
Ion Ratio Lower Upper
104 100
78 49.7 38.1 57.1
103 56.3 44.6 67.0





#71

Bromoform

Concen: 19.630 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN053934.D

Acq: 25 Feb 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBSD01

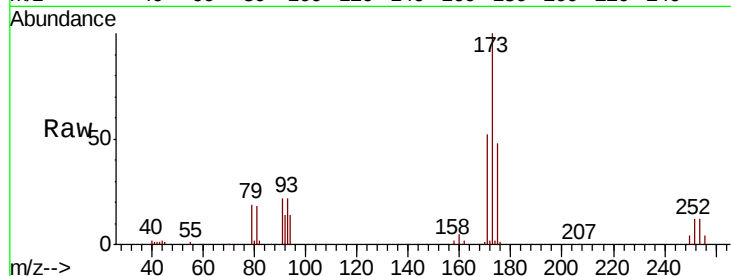
Tgt Ion:173 Resp: 95137

Ion Ratio Lower Upper

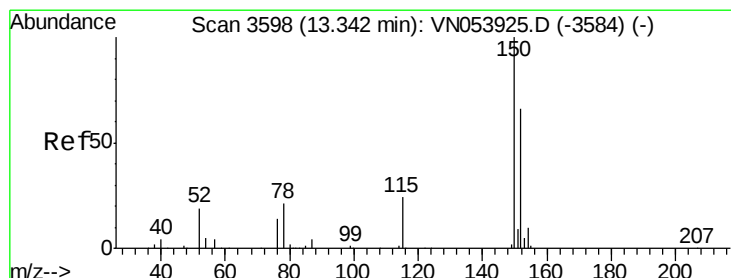
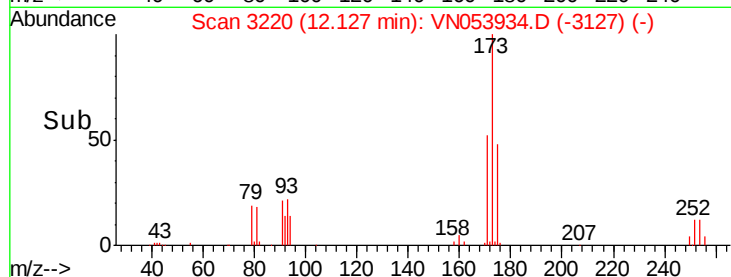
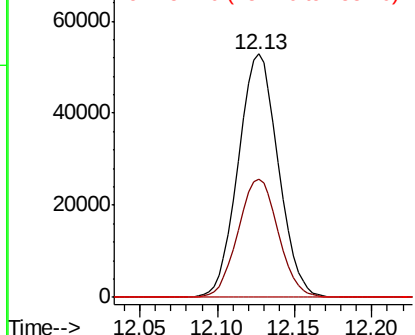
173 100

175 48.9 24.3 72.8

254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN053934.D

Acq: 25 Feb 2019 17:22

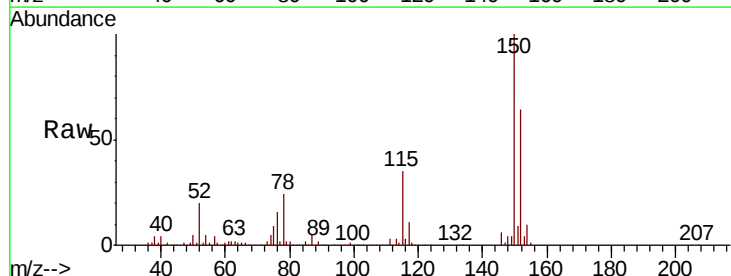
Tgt Ion:152 Resp: 406224

Ion Ratio Lower Upper

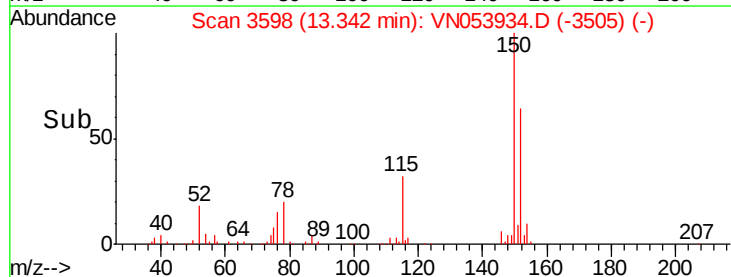
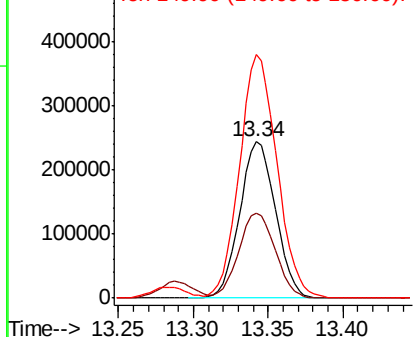
152 100

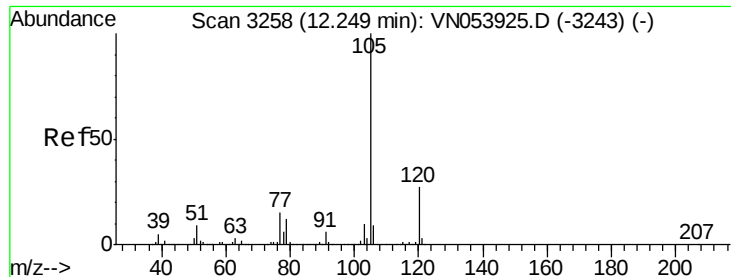
115 55.9 27.2 81.6

150 162.4 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.227 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053934.D

Acq: 25 Feb 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

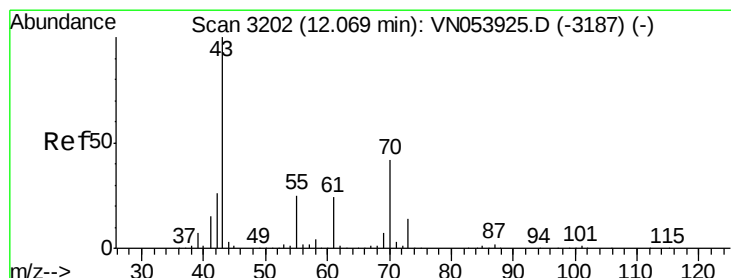
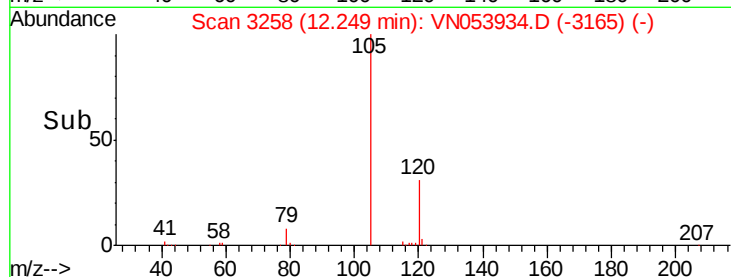
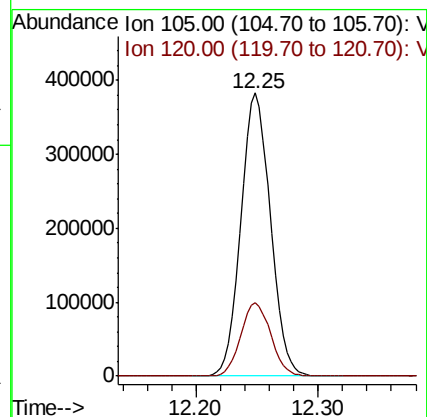
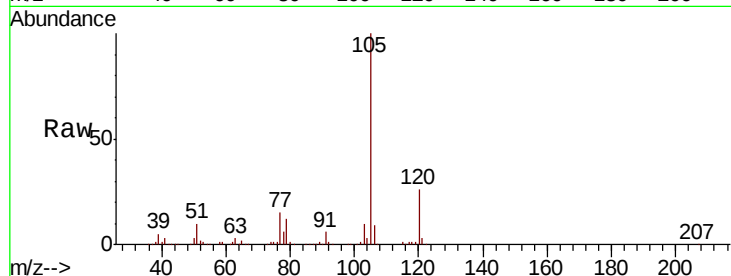
VN0225WBSD01

Tgt Ion: 105 Resp: 639603

Ion Ratio Lower Upper

105 100

120 26.4 13.5 40.5



#74

N-ethyl acetate

Concen: 19.964 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN053934.D

Acq: 25 Feb 2019 17:22

Tgt Ion: 43 Resp: 165457

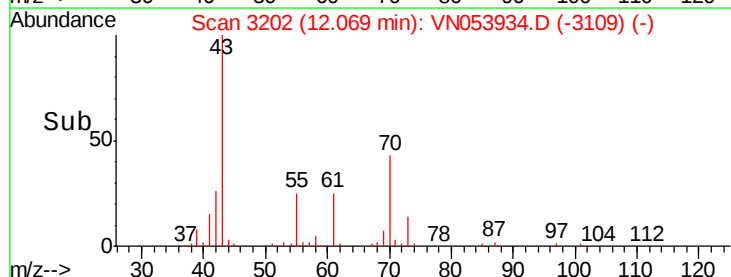
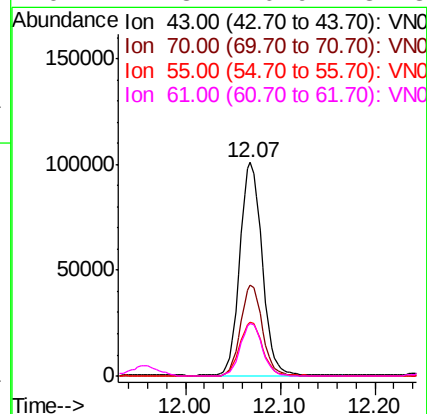
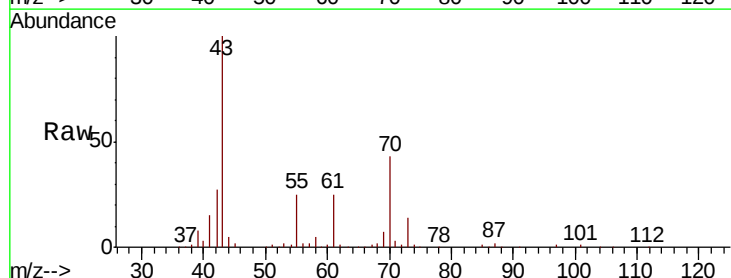
Ion Ratio Lower Upper

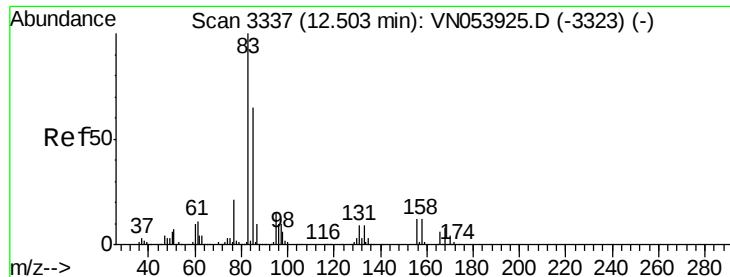
43 100

70 41.9 37.4 56.2

55 26.0 21.4 32.0

61 24.3 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.925 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN053934.D

Acq: 25 Feb 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBSD01

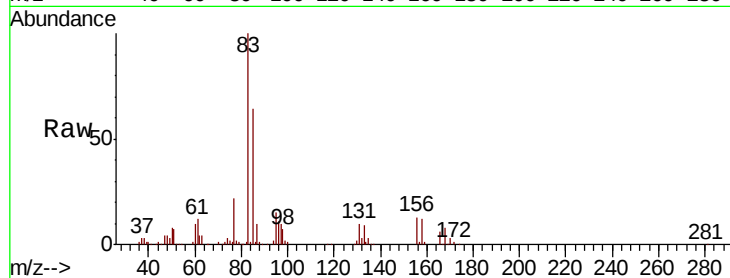
Tgt Ion: 83 Resp: 157556

Ion Ratio Lower Upper

83 100

131 10.1 5.3 16.1

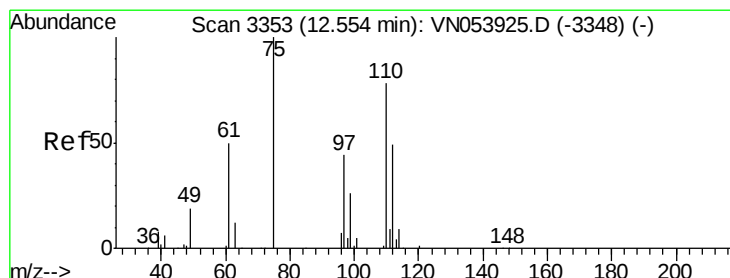
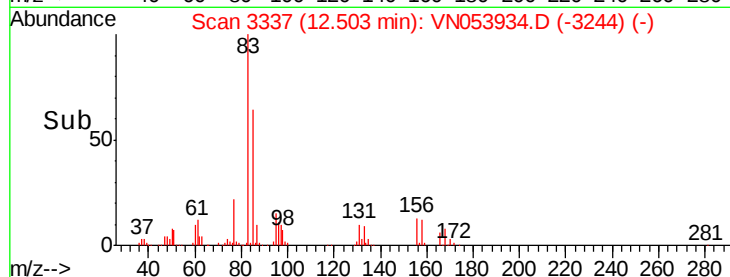
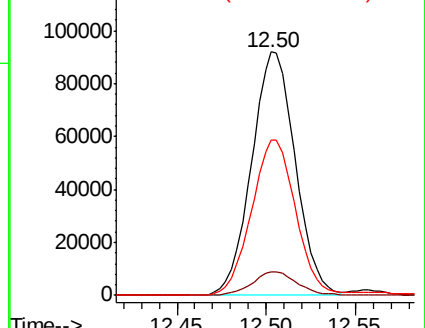
85 64.3 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN

Ion 84.90 (84.60 to 85.60): VN



#76

1,2,3-Trichloropropane

Concen: 29.139 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053934.D

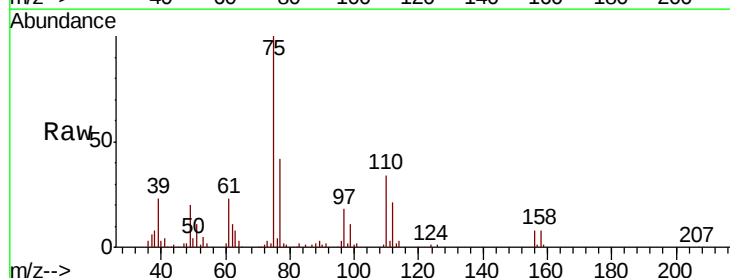
Acq: 25 Feb 2019 17:22

Tgt Ion: 75 Resp: 189886

Ion Ratio Lower Upper

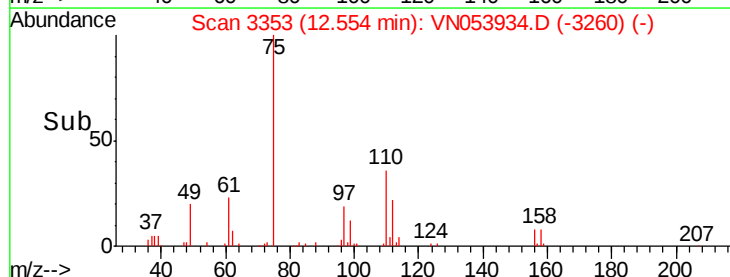
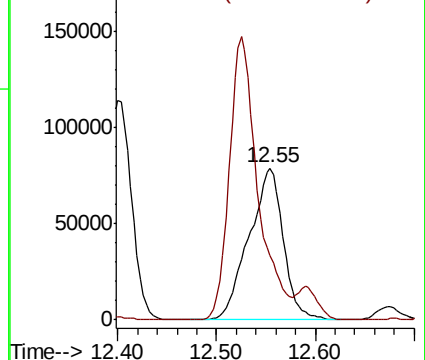
75 100

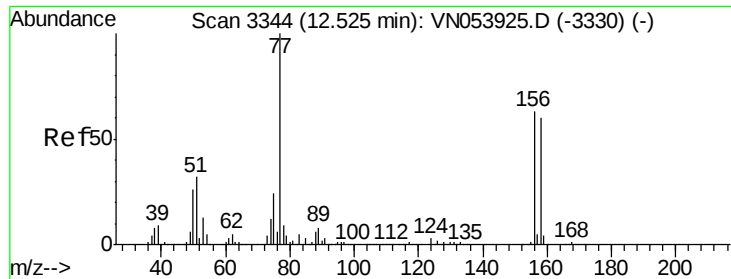
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.104 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN053934.D

Acq: 25 Feb 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBSD01

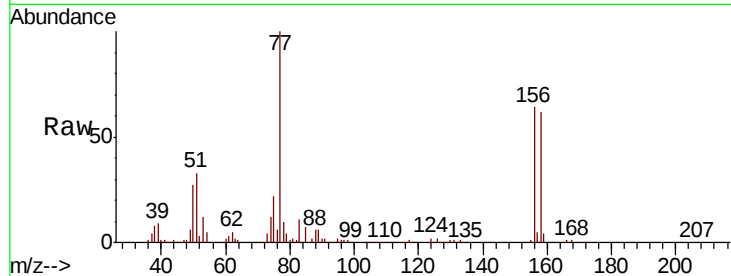
Tgt Ion:156 Resp: 161408

Ion Ratio Lower Upper

156 100

77 185.0 84.0 252.2

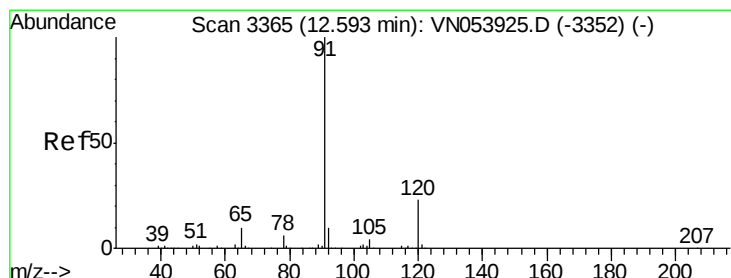
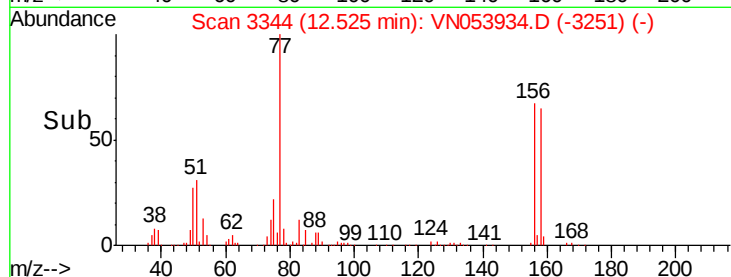
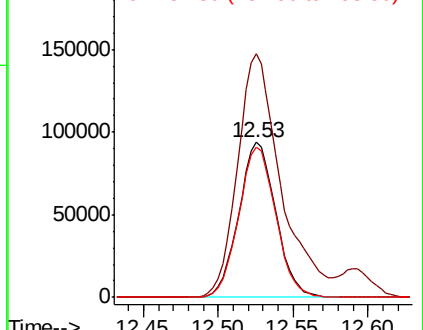
158 97.2 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.182 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN053934.D

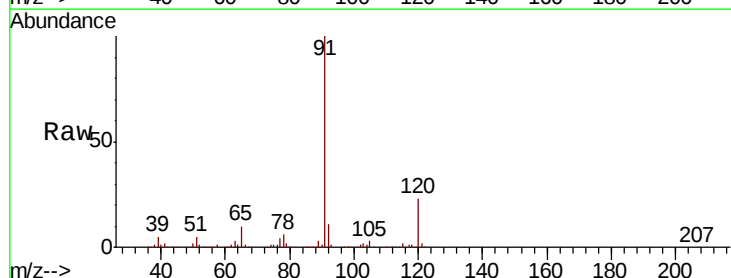
Acq: 25 Feb 2019 17:22

Tgt Ion: 91 Resp: 725806

Ion Ratio Lower Upper

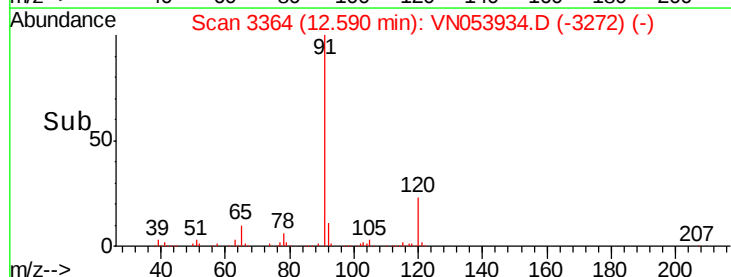
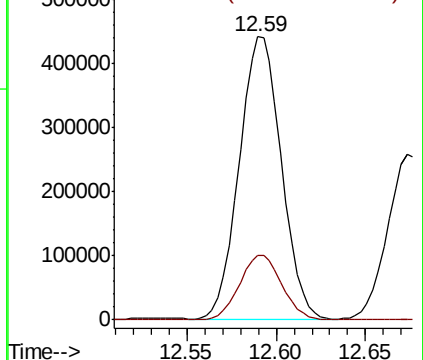
91 100

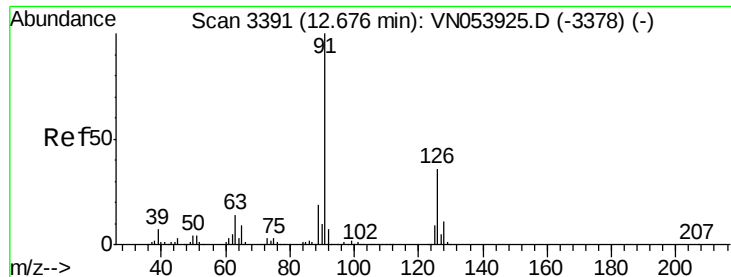
120 23.0 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.198 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN053934.D

Acq: 25 Feb 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

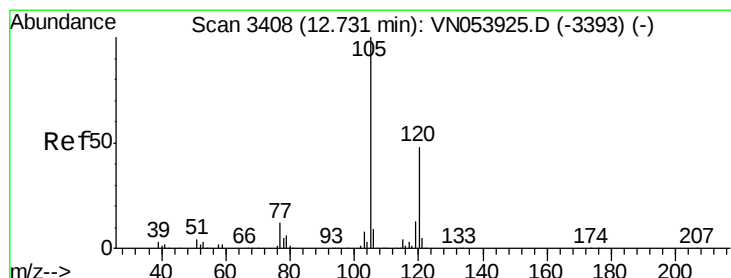
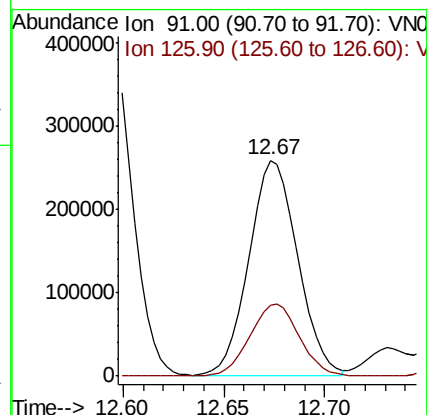
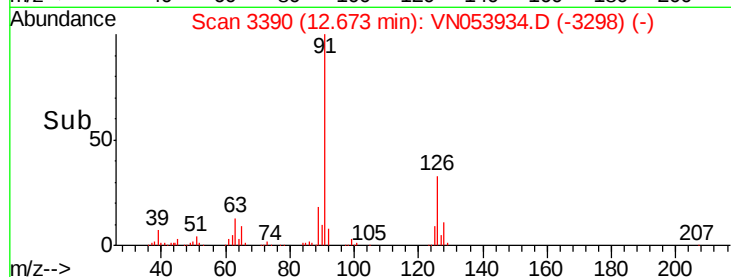
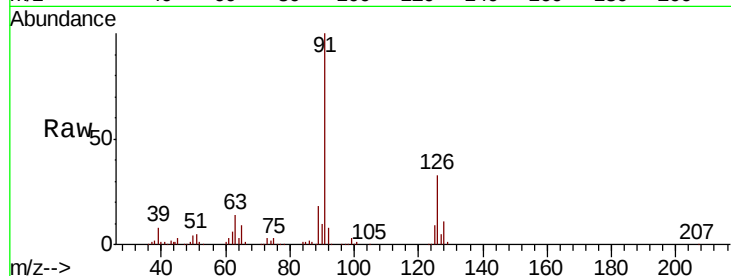
VN0225WBSD01

Tgt Ion: 91 Resp: 436349

Ion Ratio Lower Upper

91 100

126 34.2 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 20.568 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN053934.D

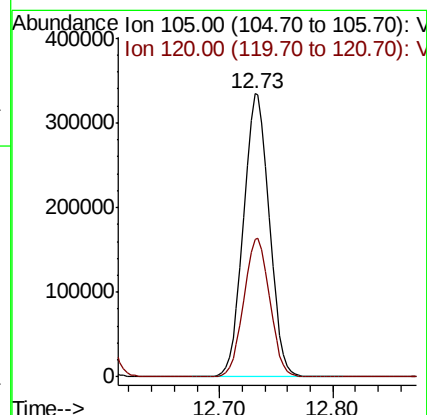
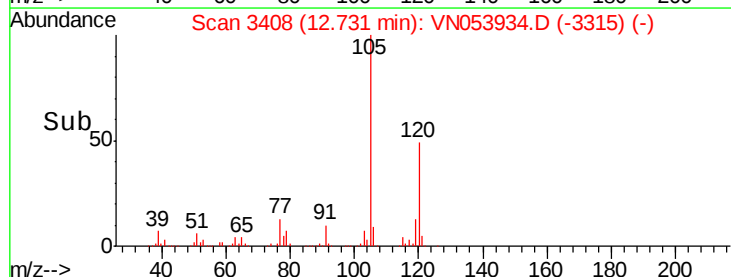
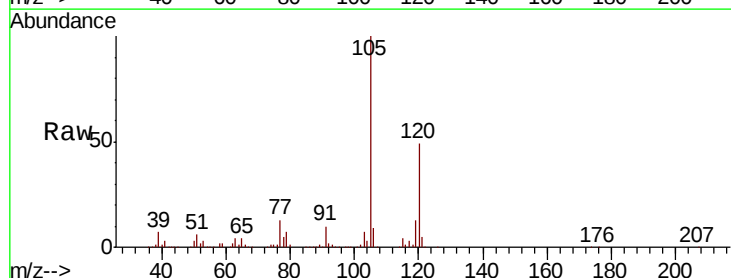
Acq: 25 Feb 2019 17:22

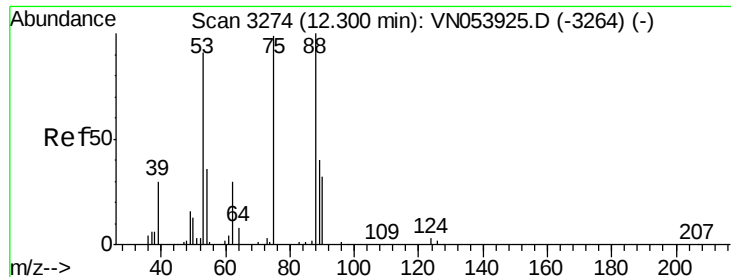
Tgt Ion: 105 Resp: 532460

Ion Ratio Lower Upper

105 100

120 49.2 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 18.750 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN053934.D

Acq: 25 Feb 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBSD01

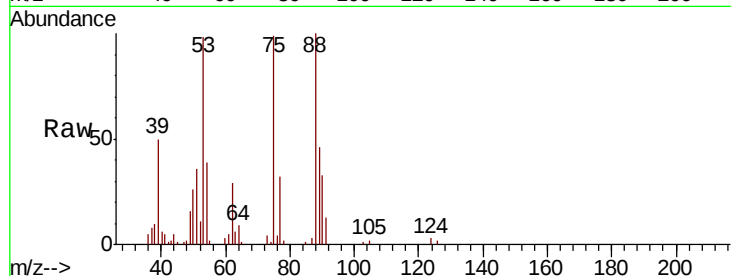
Tgt Ion: 75 Resp: 38659

Ion Ratio Lower Upper

75 100

53 98.0 68.6 102.8

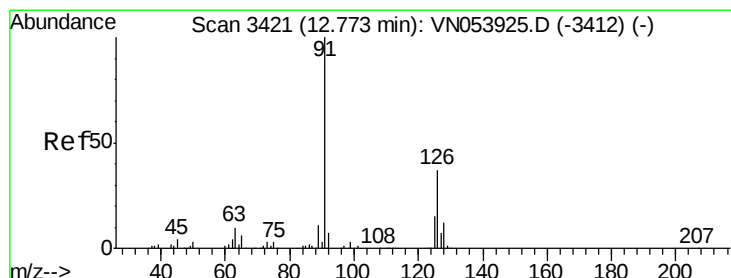
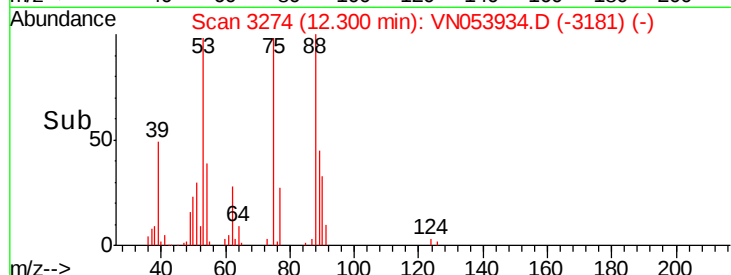
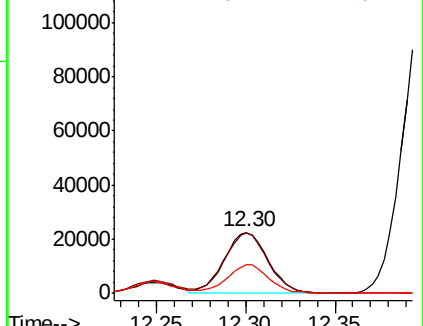
89 44.8 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.123 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN053934.D

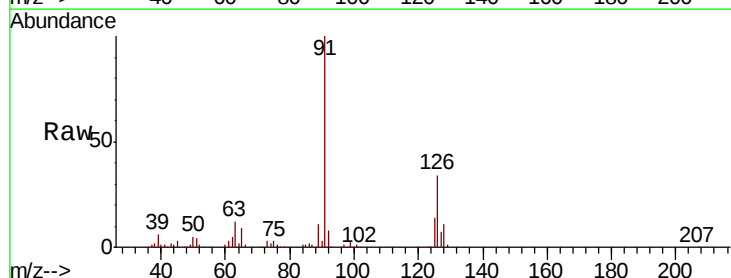
Acq: 25 Feb 2019 17:22

Tgt Ion: 91 Resp: 429653

Ion Ratio Lower Upper

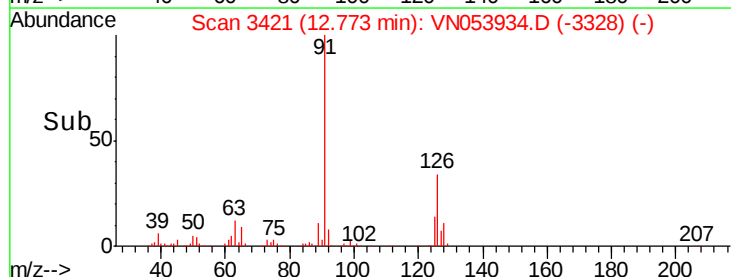
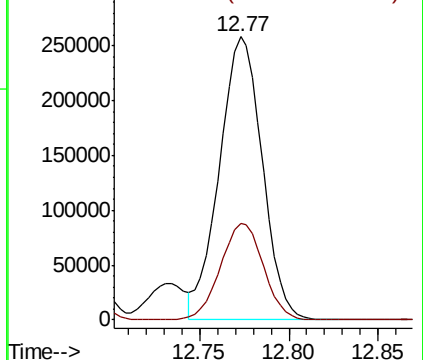
91 100

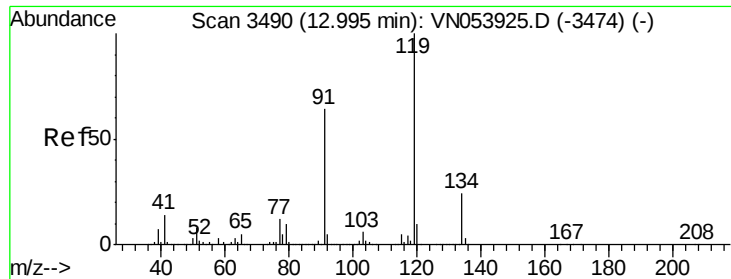
126 34.2 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

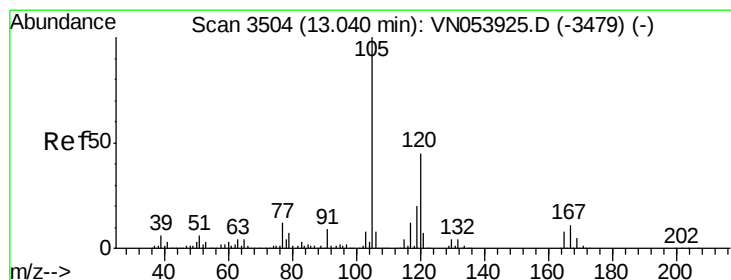
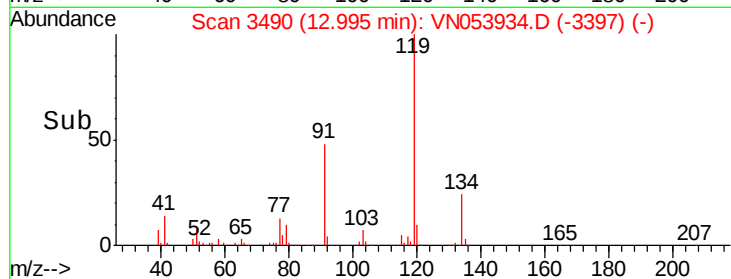
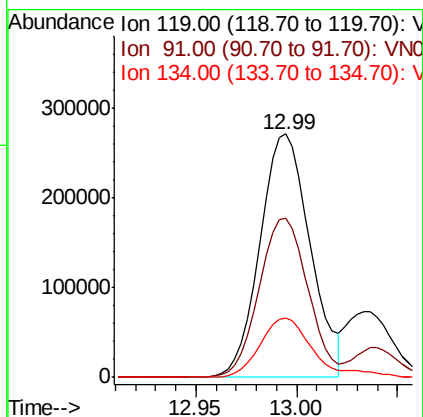
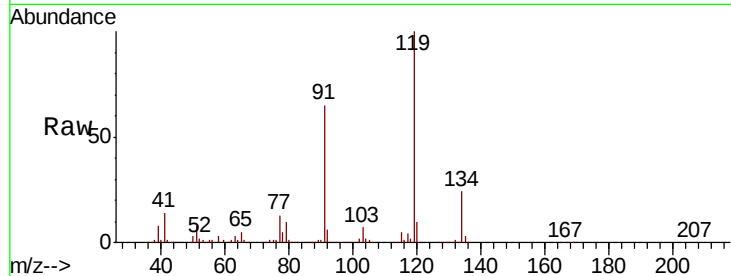




#83
 tert-Butylbenzene
 Concen: 20.509 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN053934.D
 Acq: 25 Feb 2019 17:22

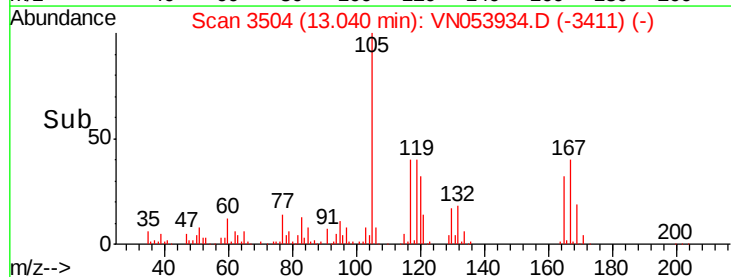
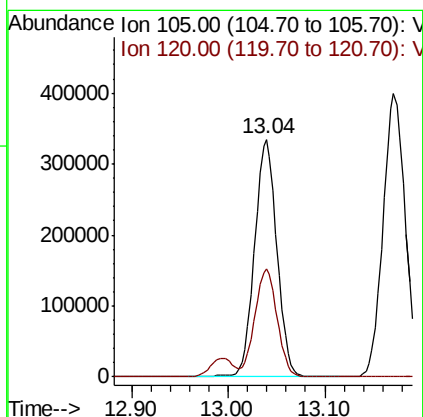
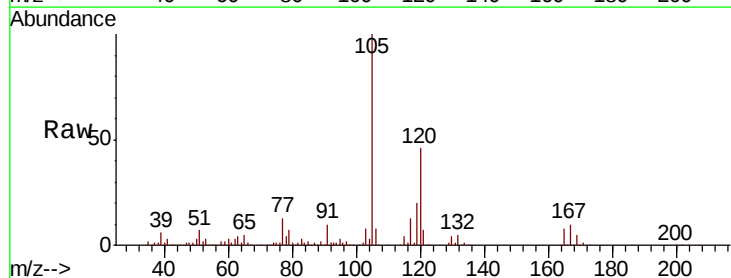
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBSD01

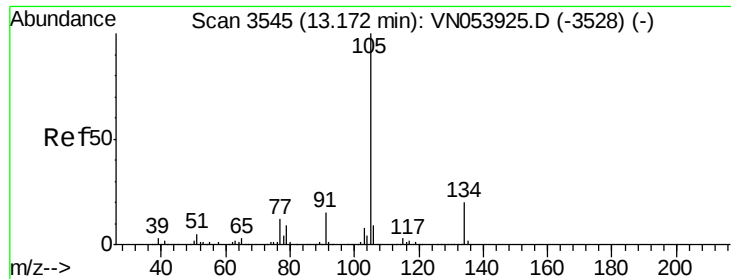
Tgt Ion:119 Resp: 469580
 Ion Ratio Lower Upper
 119 100
 91 63.7 30.6 91.8
 134 25.9 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 20.711 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN053934.D
 Acq: 25 Feb 2019 17:22

Tgt Ion:105 Resp: 535265
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.2 69.5

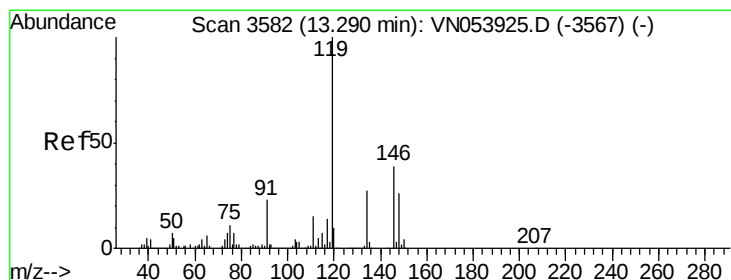
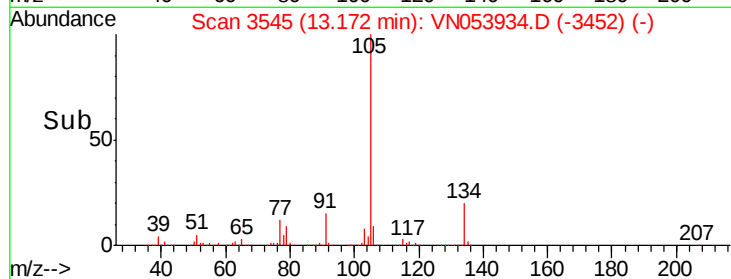
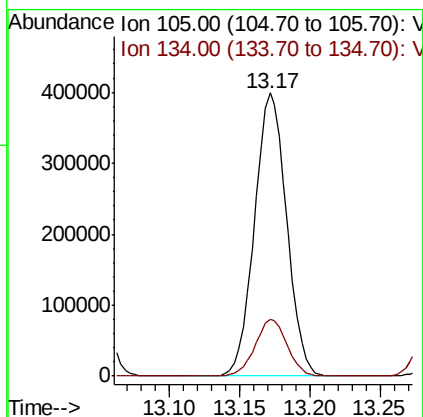
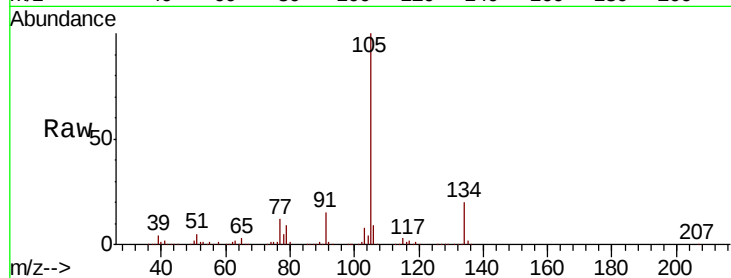




#85
 sec-Butylbenzene
 Concen: 20.309 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN053934.D
 Acq: 25 Feb 2019 17:22

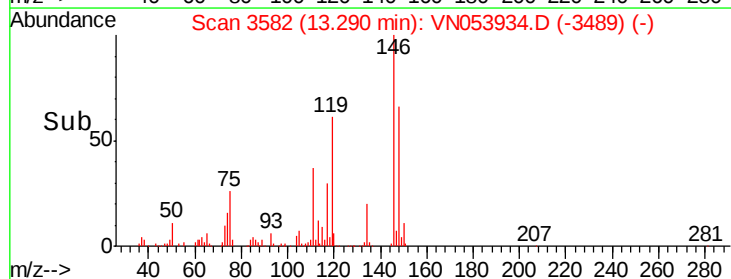
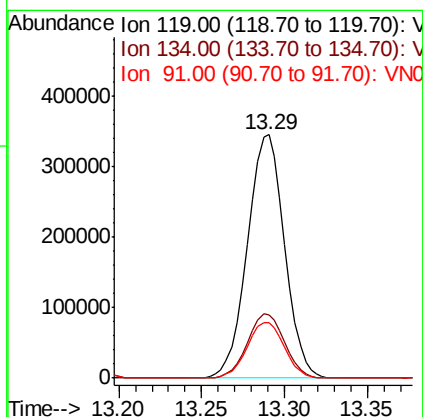
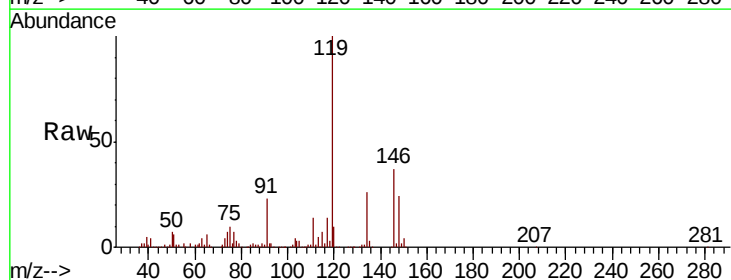
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBSD01

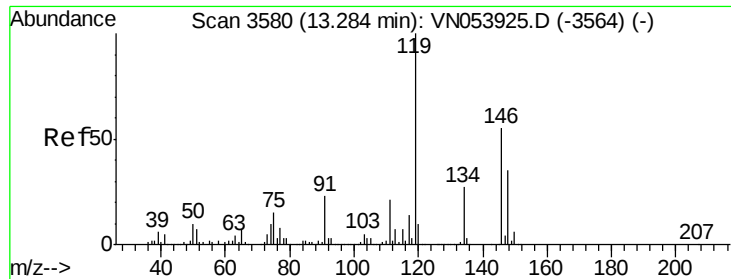
Tgt Ion:105 Resp: 635118
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 20.280 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN053934.D
 Acq: 25 Feb 2019 17:22

Tgt Ion:119 Resp: 536129
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.5 40.4
 91 23.0 10.9 32.6

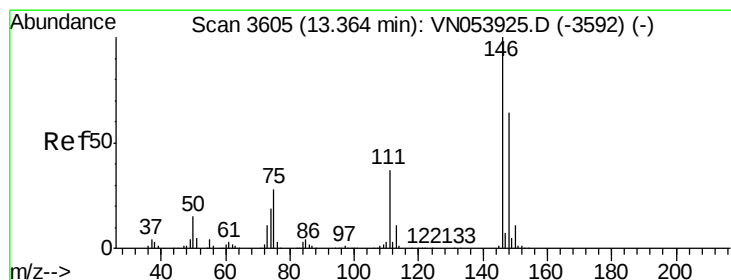
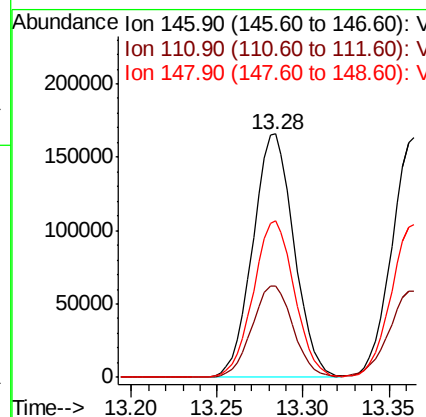
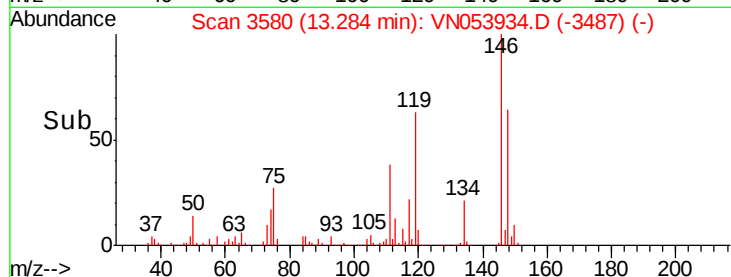
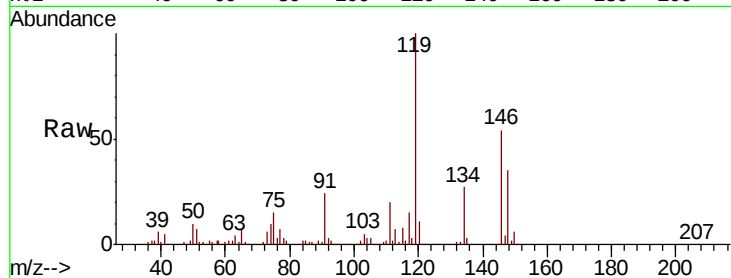




#87
 1,3-Dichlorobenzene
 Concen: 19.854 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN053934.D
 Acq: 25 Feb 2019 17:22

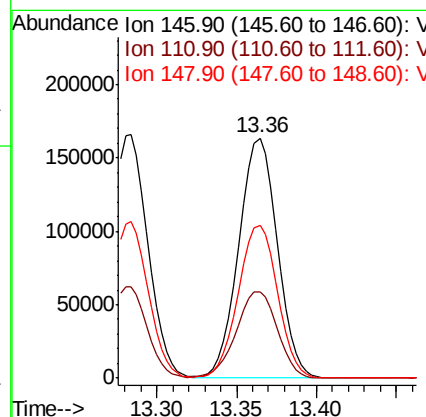
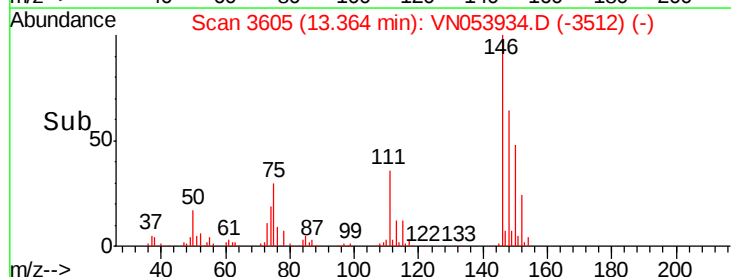
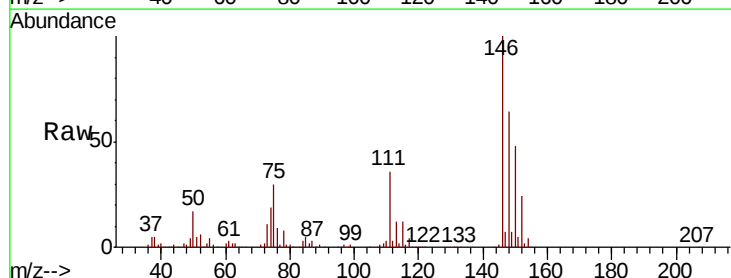
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBSD01

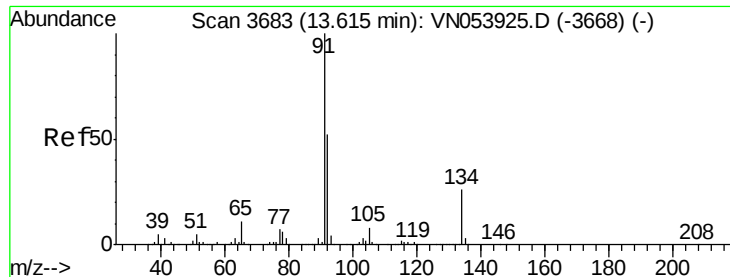
Tgt Ion:146 Resp: 275748
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.7 56.1
 148 64.1 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.995 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN053934.D
 Acq: 25 Feb 2019 17:22

Tgt Ion:146 Resp: 269425
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.0 54.0
 148 64.8 32.1 96.5





#89

n-Butylbenzene

Concen: 20.097 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN053934.D

Acq: 25 Feb 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBSD01

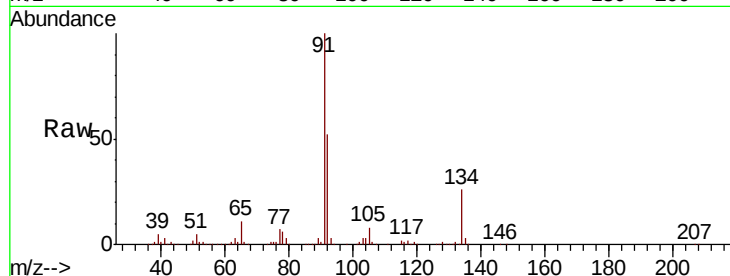
Tgt Ion: 91 Resp: 447760

Ion Ratio Lower Upper

91 100

92 51.6 26.1 78.2

134 24.8 13.6 40.8

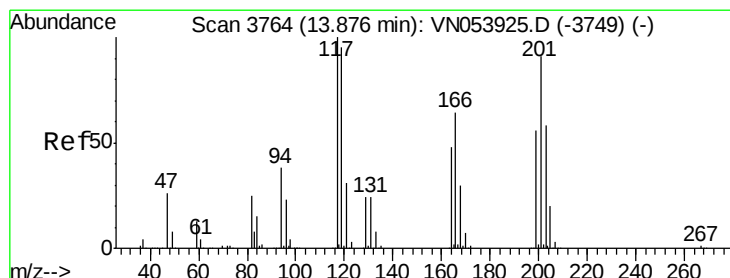
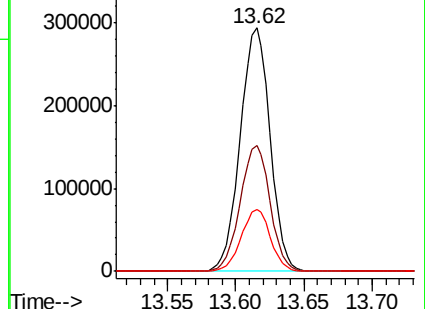
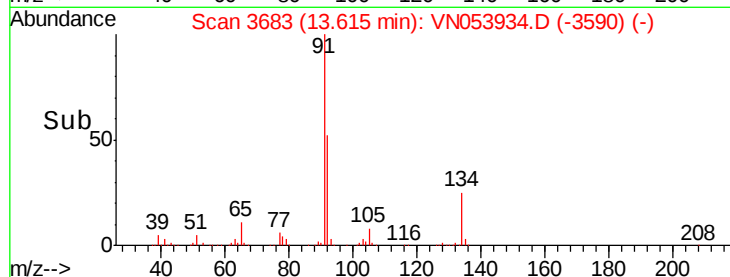


Abundance Ion 91.00 (90.70 to 91.70): VN053925.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN053925.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN053925.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 19.096 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN053934.D

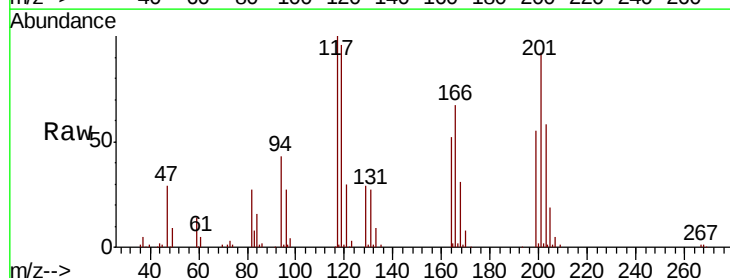
Acq: 25 Feb 2019 17:22

Tgt Ion: 117 Resp: 97826

Ion Ratio Lower Upper

117 100

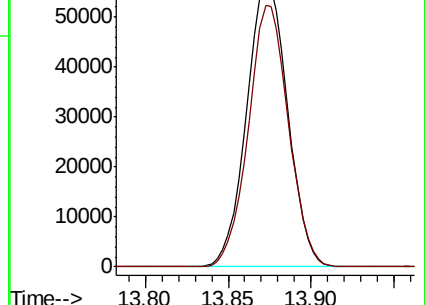
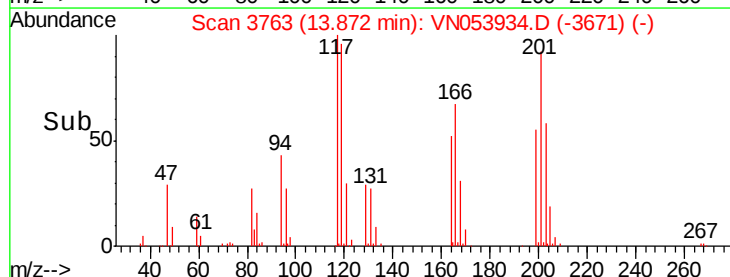
201 89.7 48.0 144.2

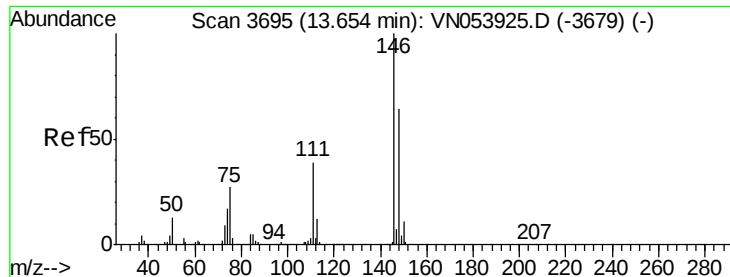


Abundance Ion 116.80 (116.50 to 117.50): VN053925.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN053925.D (-3749) (-)

Time-->

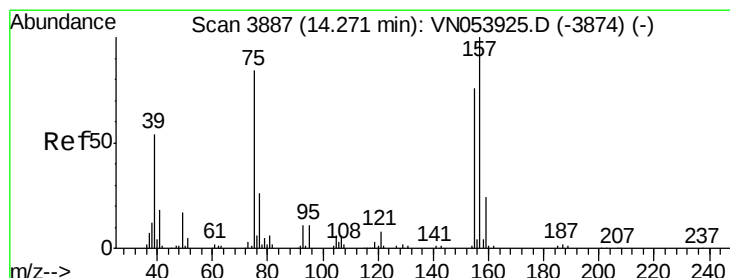
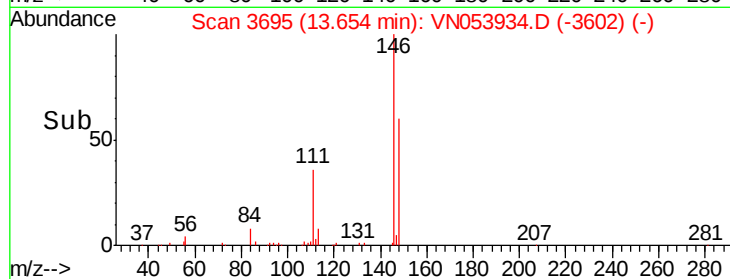
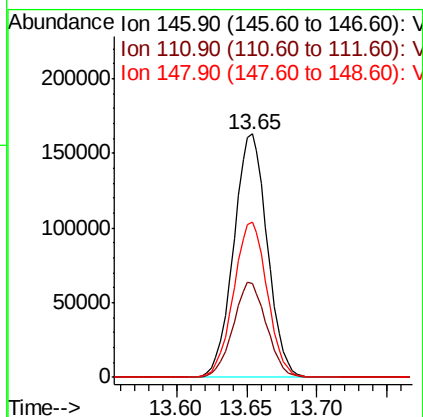
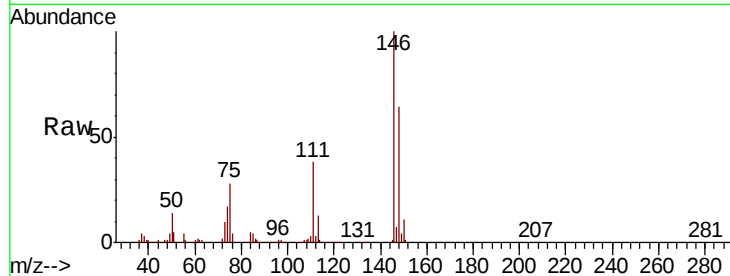




#91
 1,2-Dichlorobenzene
 Concen: 20.197 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN053934.D
 Acq: 25 Feb 2019 17:22

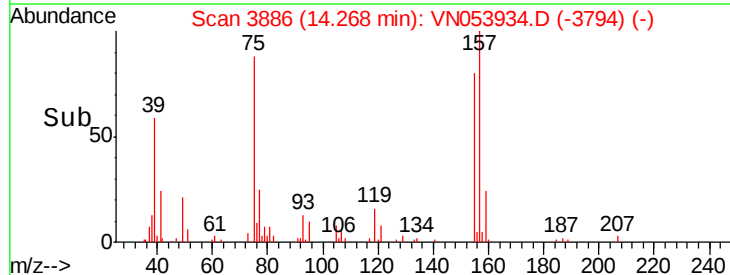
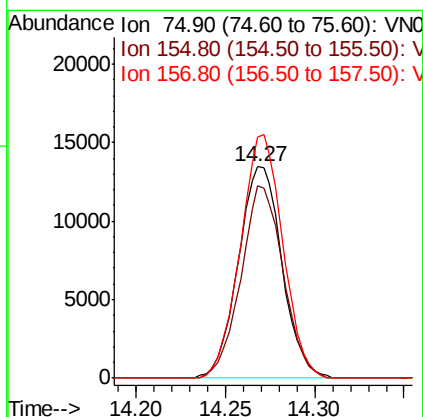
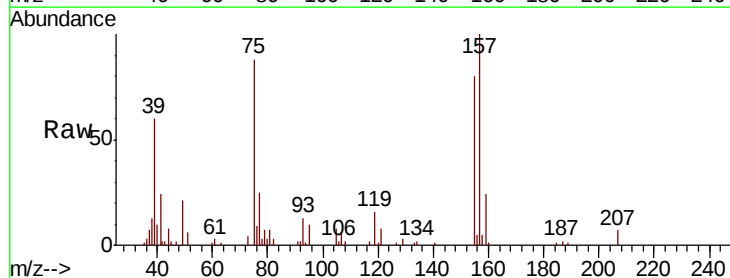
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBSD01

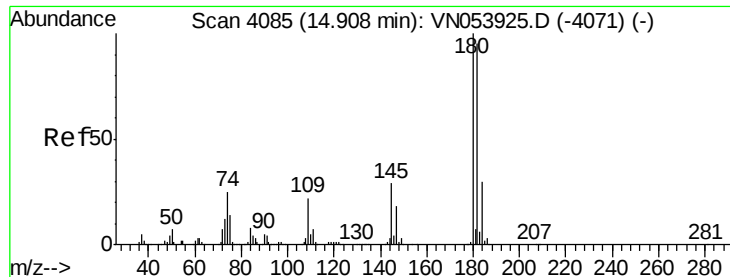
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.1	57.5
148	64.0	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.505 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN053934.D
 Acq: 25 Feb 2019 17:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.1	49.5	148.5
157	112.0	64.8	194.6

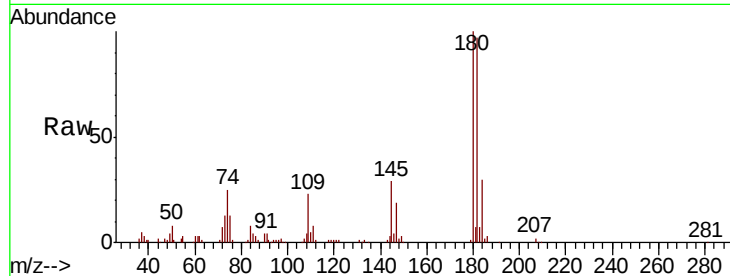




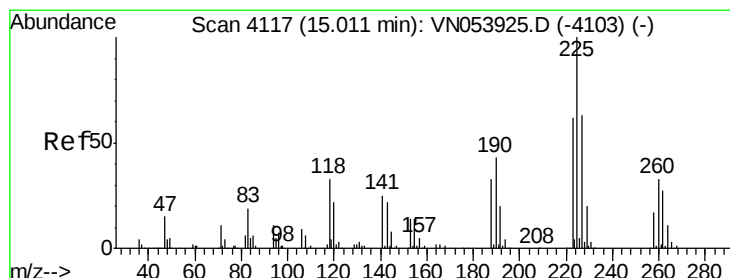
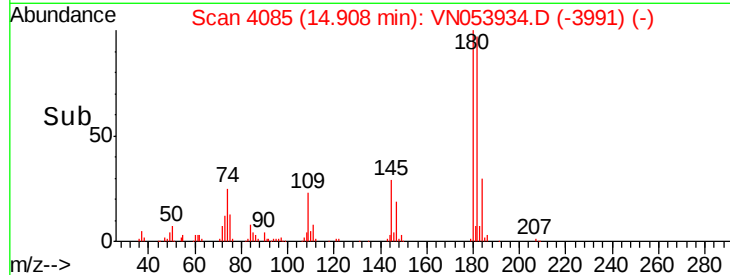
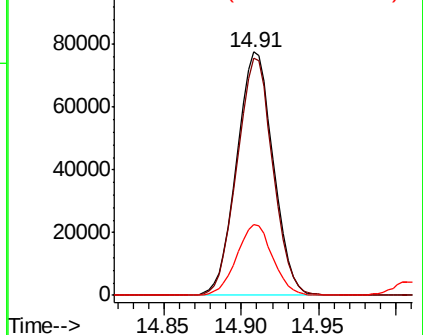
#93
 1,2,4-Trichlorobenzene
 Concen: 18.468 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053934.D
 Acq: 25 Feb 2019 17:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBSD01

Tgt Ion:180 Resp: 126939
 Ion Ratio Lower Upper
 180 100
 182 96.1 48.6 145.9
 145 28.7 13.8 41.3

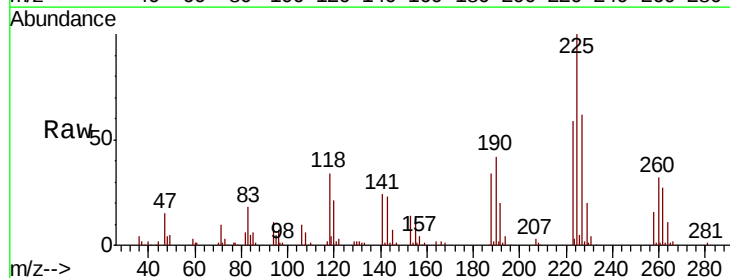


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

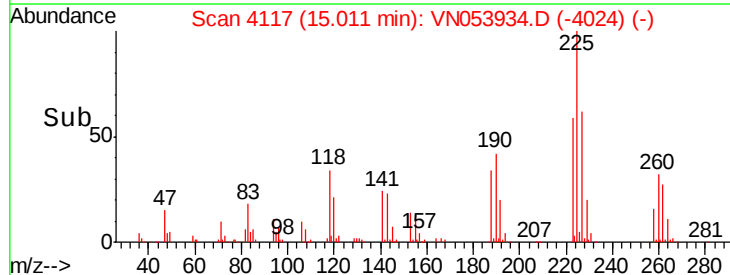
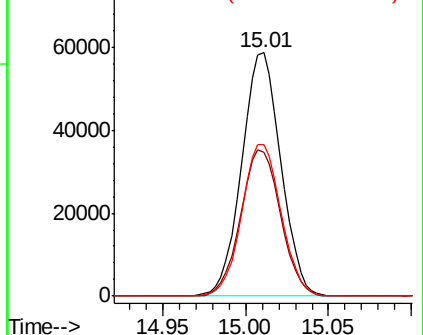


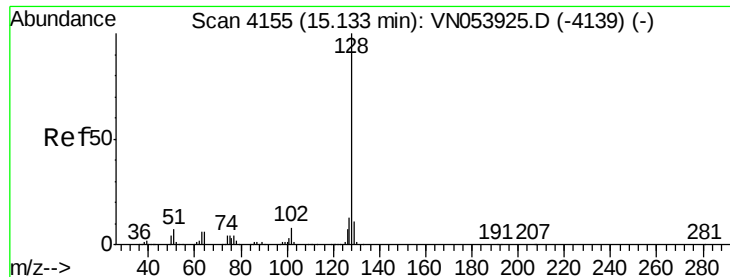
#94
 Hexachlorobutadiene
 Concen: 19.834 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN053934.D
 Acq: 25 Feb 2019 17:22

Tgt Ion:225 Resp: 96322
 Ion Ratio Lower Upper
 225 100
 223 61.4 30.9 92.5
 227 62.6 32.5 97.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

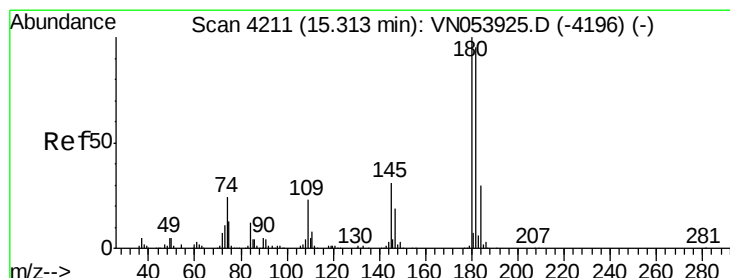
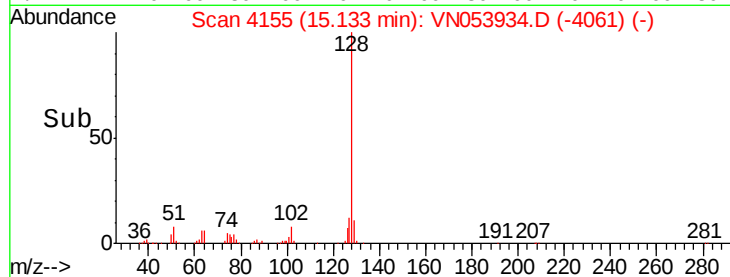
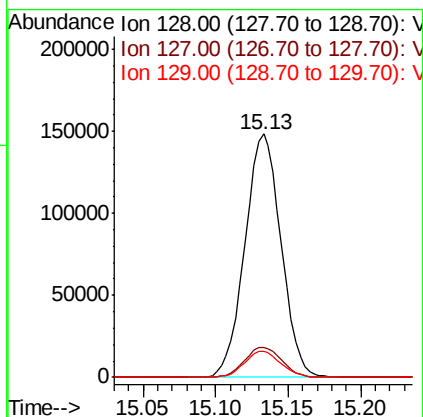
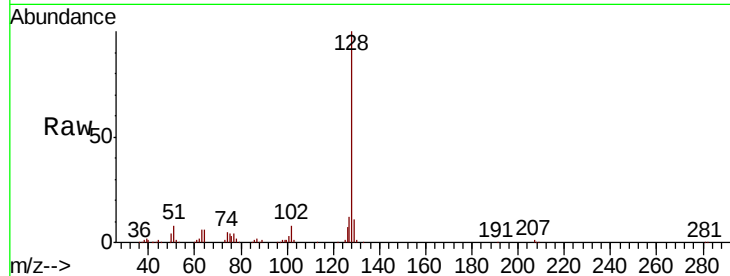




#95
Naphthalene
Concen: 18.211 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053934.D
Acq: 25 Feb 2019 17:22

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01

Tgt Ion:128 Resp: 257809
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 18.897 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN053934.D
Acq: 25 Feb 2019 17:22

Tgt Ion:180 Resp: 128176
Ion Ratio Lower Upper
180 100
182 94.0 47.3 141.8
145 29.6 14.4 43.0

