

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062521\
 Data File : VN067511.D
 Acq On : 25 Jun 2021 17:58
 Operator : JC/MD
 Sample : M2847-06 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 26 00:39:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 24 12:18:45 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

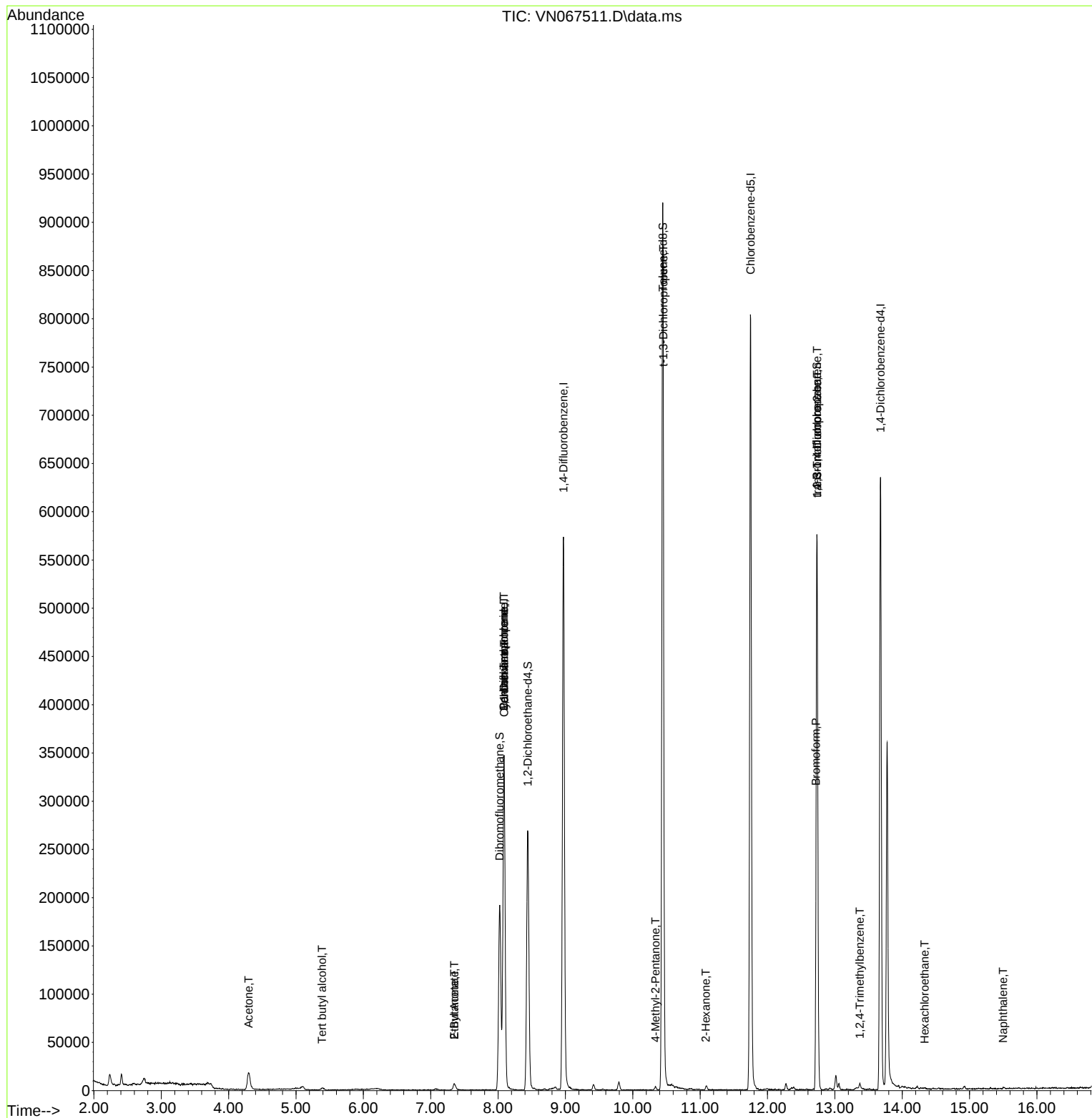
Internal Standards						
1) Pentafluorobenzene	8.088	168	194662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	447681	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	404392	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	131941	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	224234	56.28	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.56%			
35) Dibromofluoromethane	8.024	113	137288	49.78	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.56%			
50) Toluene-d8	10.446	98	619774	52.69	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.38%			
62) 4-Bromofluorobenzene	12.733	95	212811	50.78	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.56%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.387	59	1948	2.99	ug/l #	75
16) Acetone	4.296	43	34483	22.61	ug/l	91
25) 2-Butanone	7.351	43	10764	4.54	ug/l	95
31) Cyclohexane	8.091	56	8250	1.29	ug/l #	2
36) 1,1-Dichloropropene	8.088	75	27515	5.46	ug/l #	46
37) Ethyl Acetate	7.351	43	10764	2.02	ug/l #	69
38) Carbon Tetrachloride	8.088	117	28072	6.54	ug/l #	16
51) 4-Methyl-2-Pentanone	10.338	43	2564	0.48	ug/l #	87
53) t-1,3-Dichloropropene	10.454	75	29	2.01	ug/l #	20
59) 2-Hexanone	11.084	43	3678	0.97	ug/l	94
71) Bromoform	12.720	173	228	2.76	ug/l #	29
76) 1,2,3-Trichloropropane	12.736	75	128051	32.97	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.736	75	128051	90.23	ug/l #	6
84) 1,2,4-Trimethylbenzene	13.372	105	3527	0.33	ug/l	85
90) Hexachloroethane	14.334	117	647	0.35	ug/l #	16
95) Naphthalene	15.498	128	1700	3.55	ug/l #	69

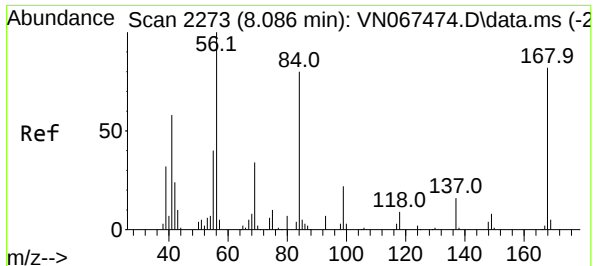
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Time: Jun 26 00:39:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 24 12:18:45 2021
Response via : Initial Calibration

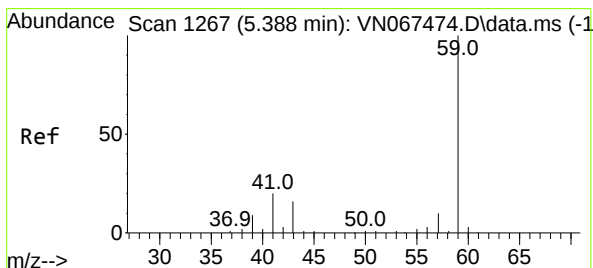
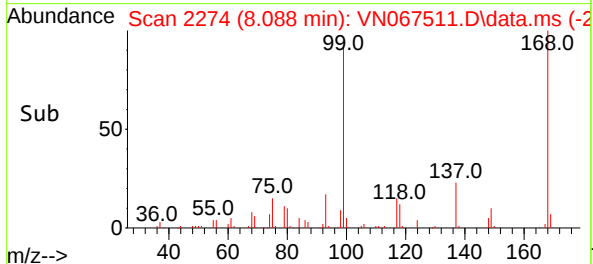
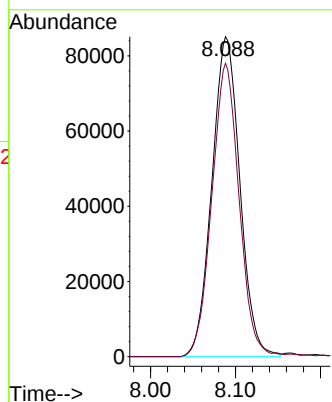
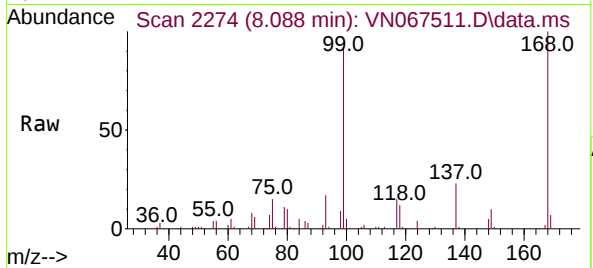




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067511.D
Acq: 25 Jun 2021 17:58

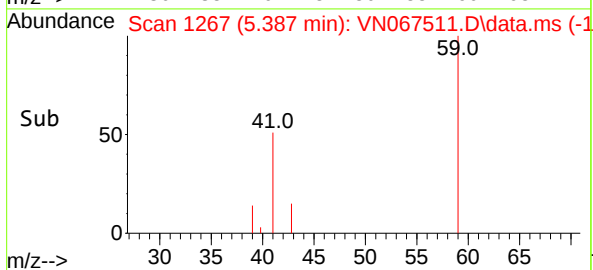
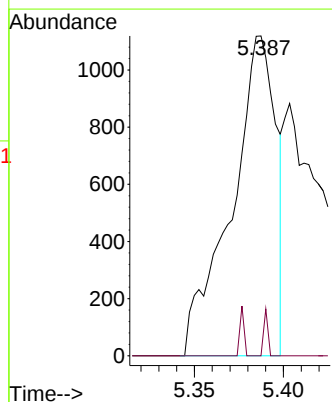
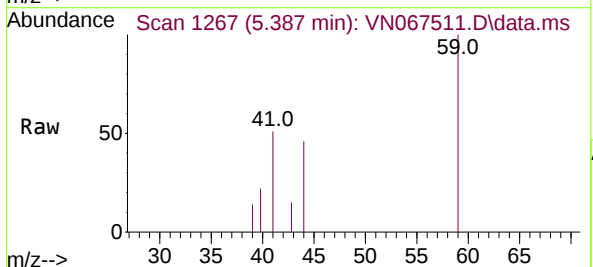
Instrument :
MSVOA_N
ClientSampled :

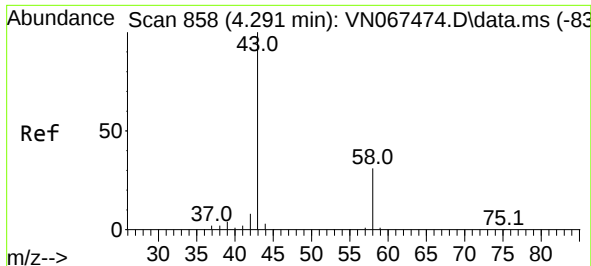
Tgt Ion:168 Resp: 194662
Ion Ratio Lower Upper
168 100
99 91.7 62.9 94.3



#11
Tert butyl alcohol
Concen: 2.99 ug/l
RT: 5.387 min Scan# 1267
Delta R.T. -0.001 min
Lab File: VN067511.D
Acq: 25 Jun 2021 17:58

Tgt Ion: 59 Resp: 1948
Ion Ratio Lower Upper
59 100
57 1.3 8.7 13.1#

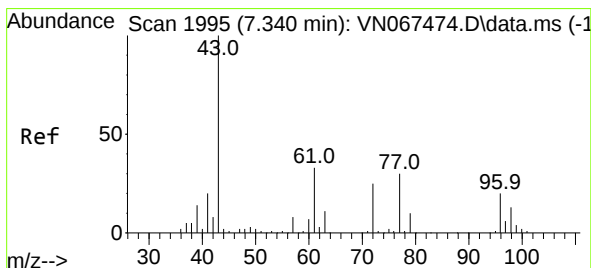
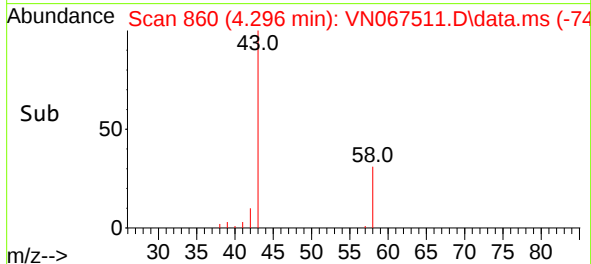
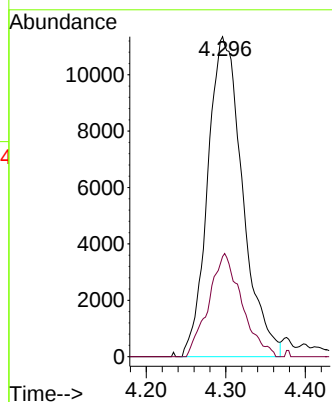
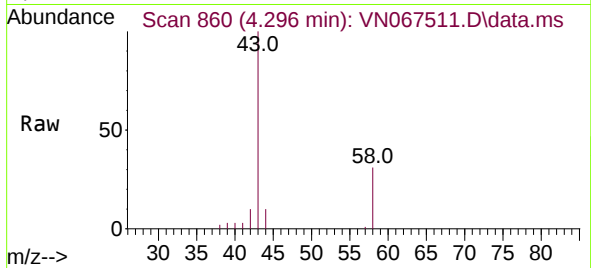




#16
Acetone
Concen: 22.61 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.005 min
Lab File: VN067511.D
Acq: 25 Jun 2021 17:58

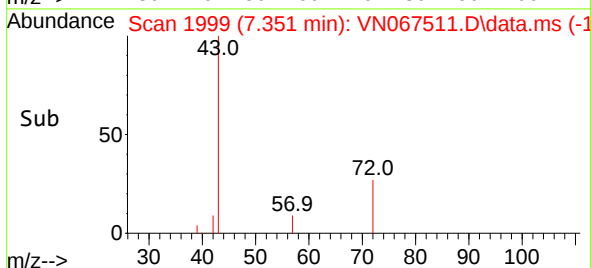
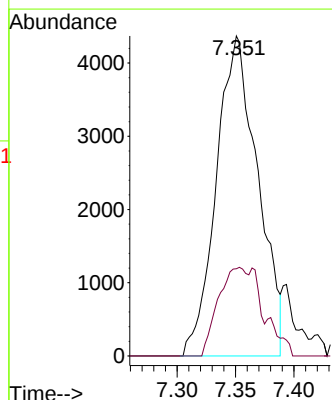
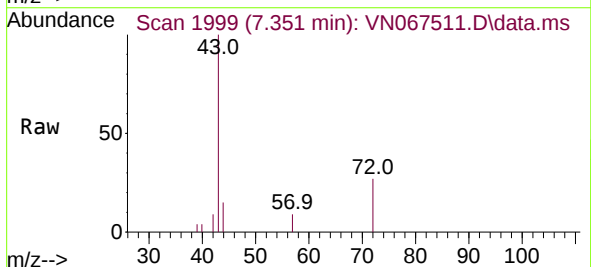
Instrument :
MSVOA_N
ClientSampleId :

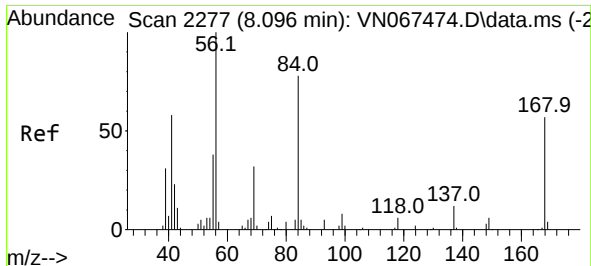
Tgt Ion: 43 Resp: 34483
Ion Ratio Lower Upper
43 100
58 31.3 21.2 31.8



#25
2-Butanone
Concen: 4.54 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.011 min
Lab File: VN067511.D
Acq: 25 Jun 2021 17:58

Tgt Ion: 43 Resp: 10764
Ion Ratio Lower Upper
43 100
72 27.3 19.7 29.5

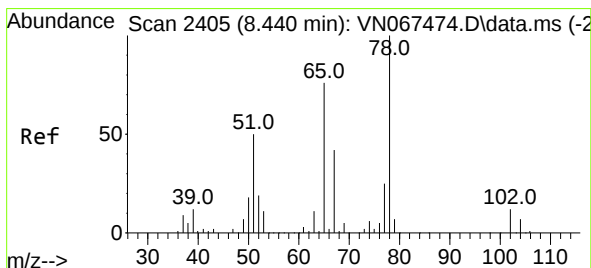
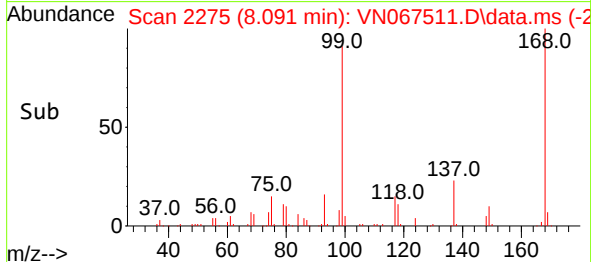
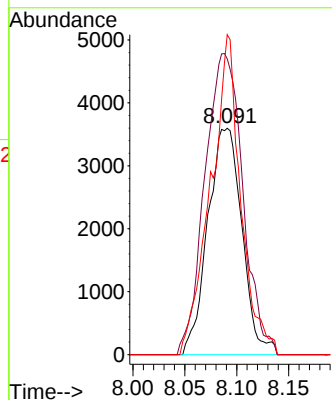
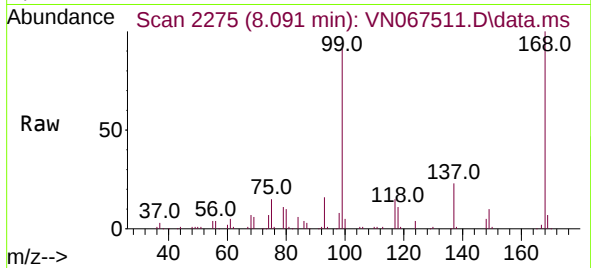




#31
Cyclohexane
Concen: 1.29 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.005 min
Lab File: VN067511.D
Acq: 25 Jun 2021 17:58

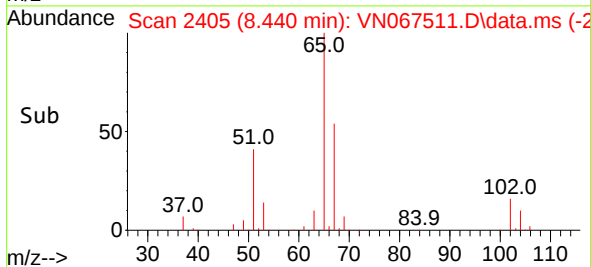
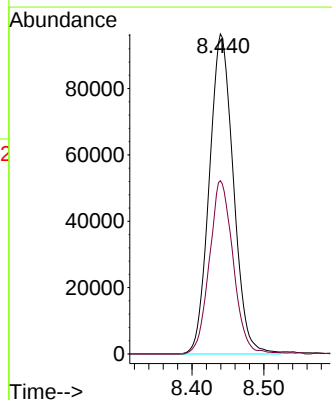
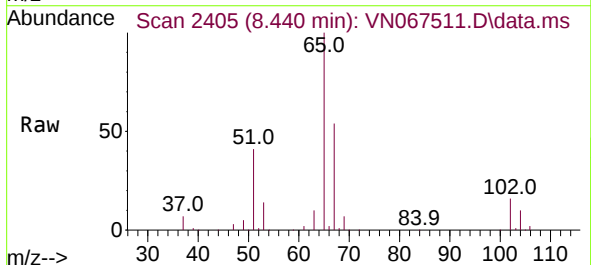
Instrument :
MSVOA_N
ClientSampleId :

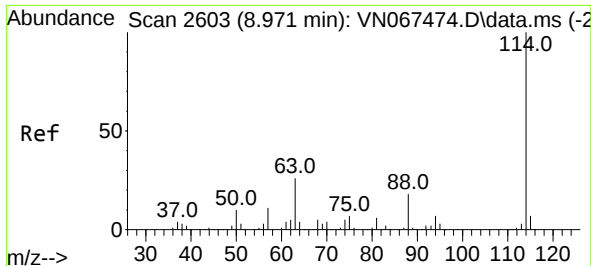
Tgt Ion: 56 Resp: 8250
Ion Ratio Lower Upper
56 100
69 130.7 27.3 40.9#
84 141.3 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 56.28 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067511.D
Acq: 25 Jun 2021 17:58

Tgt Ion: 65 Resp: 224234
Ion Ratio Lower Upper
65 100
67 53.5 0.0 98.6

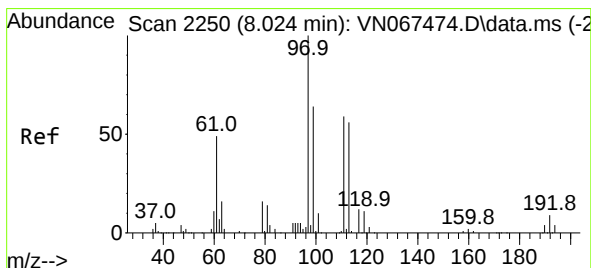
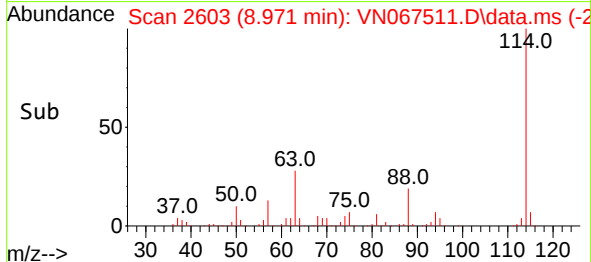
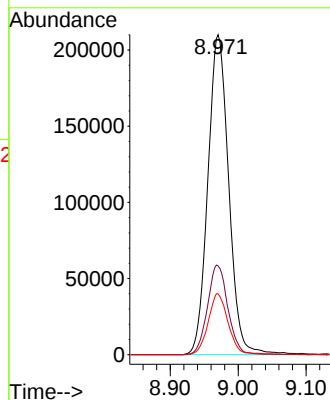
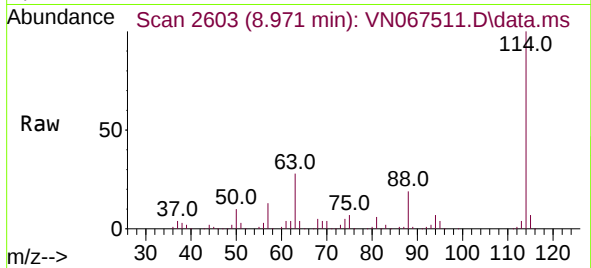




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN067511.D
Acq: 25 Jun 2021 17:58

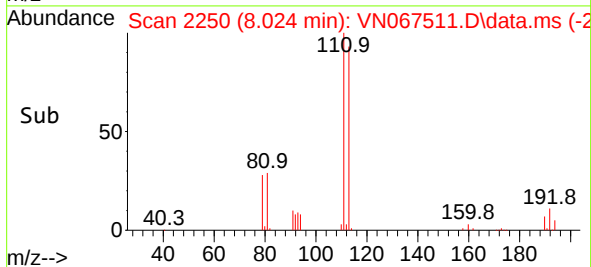
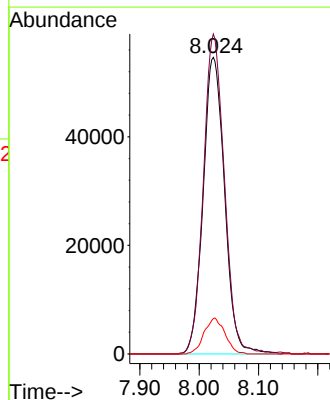
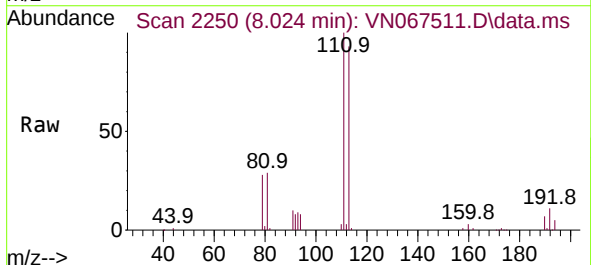
Instrument :
MSVOA_N
ClientSampleId :

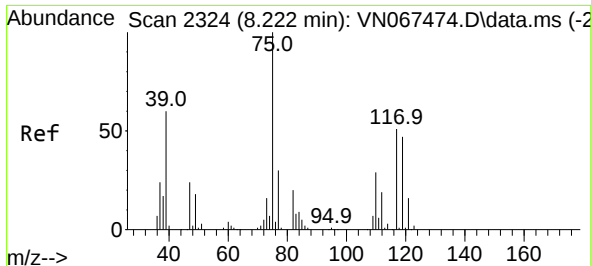
Tgt Ion:114 Resp: 447681
Ion Ratio Lower Upper
114 100
63 27.7 0.0 49.0
88 19.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.78 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067511.D
Acq: 25 Jun 2021 17:58

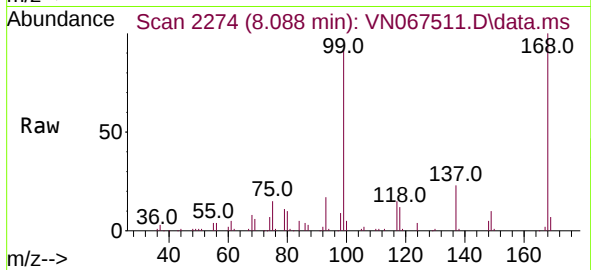
Tgt Ion:113 Resp: 137288
Ion Ratio Lower Upper
113 100
111 105.0 83.8 125.8
192 11.8 13.4 20.0#



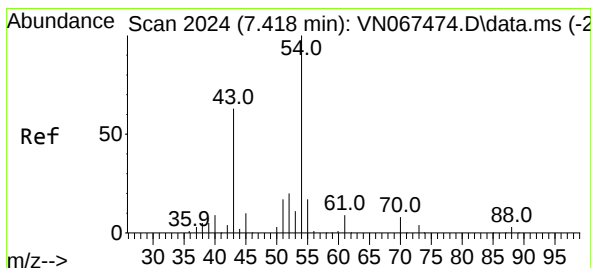
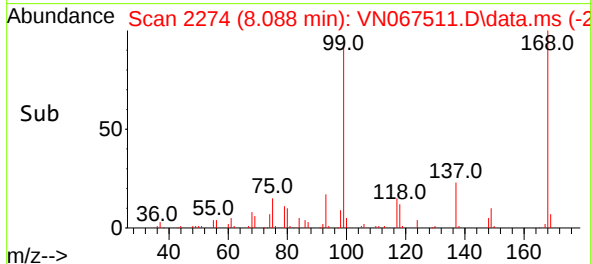
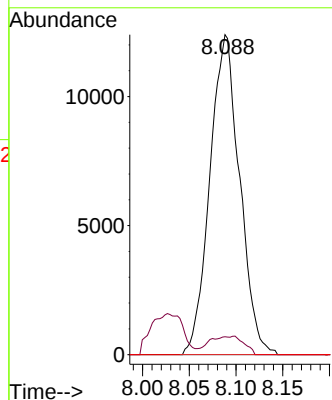


#36
1,1-Dichloropropene
Concen: 5.46 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN067511.D
Acq: 25 Jun 2021 17:58

Instrument :
MSVOA_N
ClientSampled :

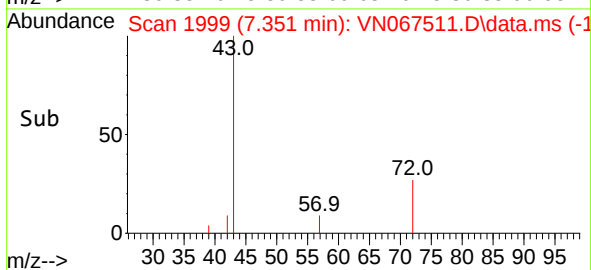
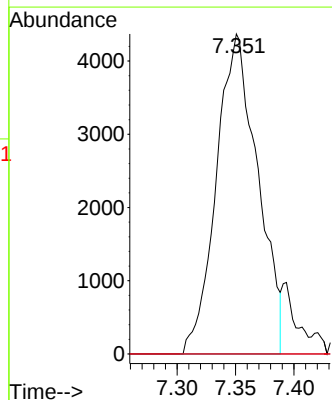
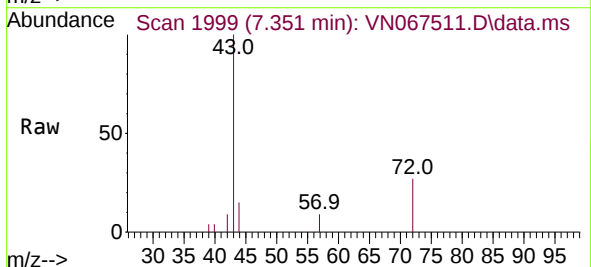


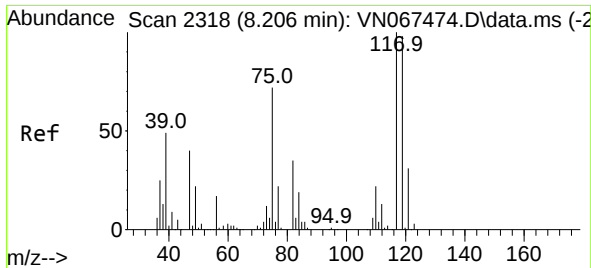
Tgt Ion: 75 Resp: 27515
Ion Ratio Lower Upper
75 100
110 2.4 15.7 47.0#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 2.02 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. -0.067 min
Lab File: VN067511.D
Acq: 25 Jun 2021 17:58

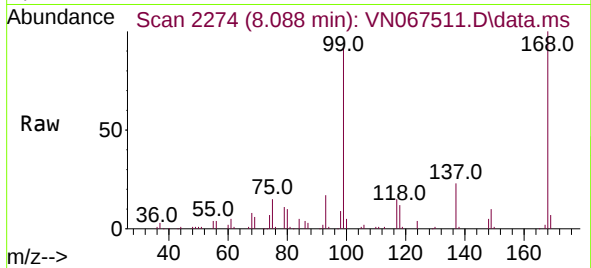
Tgt Ion: 43 Resp: 10764
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.1 12.1#



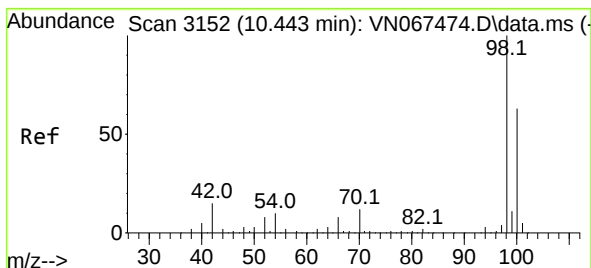
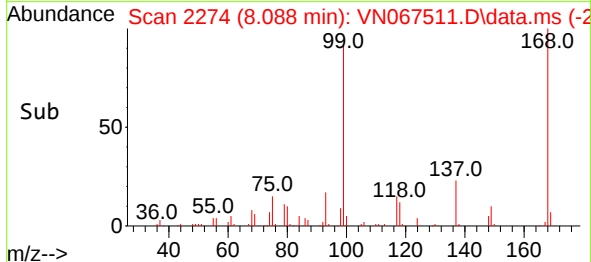
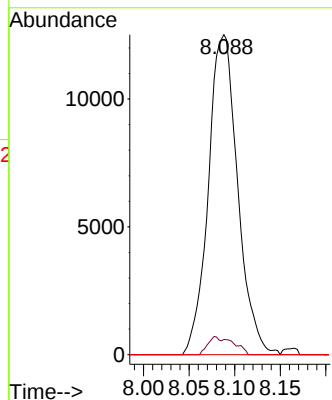


#38
Carbon Tetrachloride
Concen: 6.54 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN067511.D
Acq: 25 Jun 2021 17:58

Instrument :
MSVOA_N
ClientSampleId :

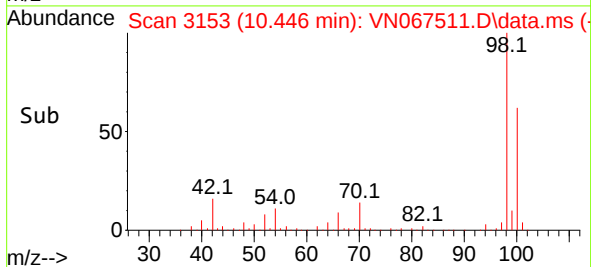
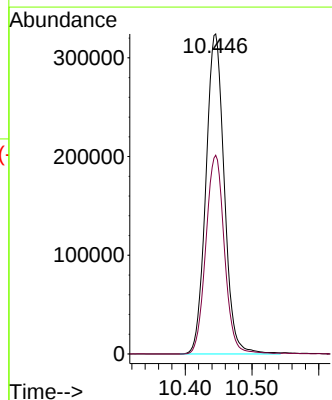
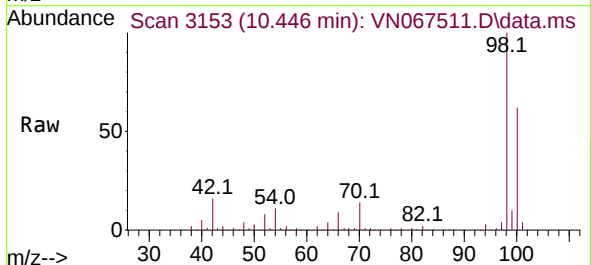


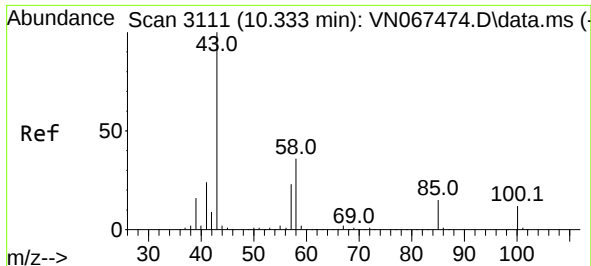
Tgt Ion:117 Resp: 28072
Ion Ratio Lower Upper
117 100
119 4.8 75.4 113.2#
121 0.0 23.5 35.3#



#50
Toluene-d8
Concen: 52.69 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067511.D
Acq: 25 Jun 2021 17:58

Tgt Ion: 98 Resp: 619774
Ion Ratio Lower Upper
98 100
100 62.9 51.7 77.5

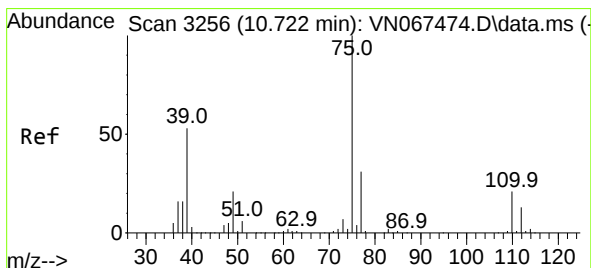
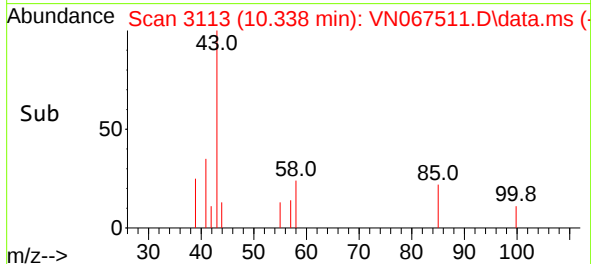
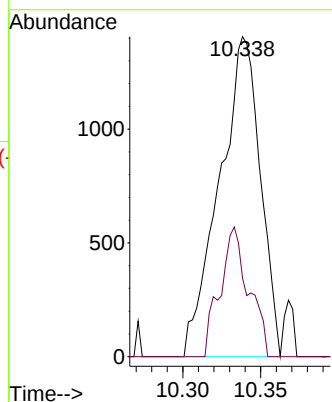
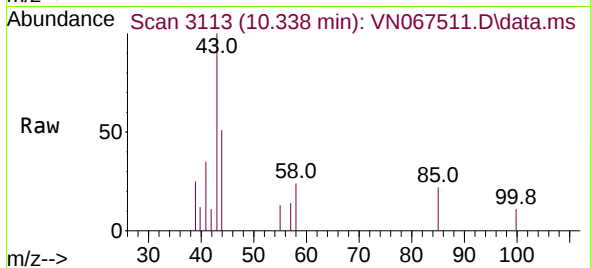




#51
4-Methyl-2-Pentanone
Concen: 0.48 ug/l
RT: 10.338 min Scan# 3113
Delta R.T. 0.005 min
Lab File: VN067511.D
Acq: 25 Jun 2021 17:58

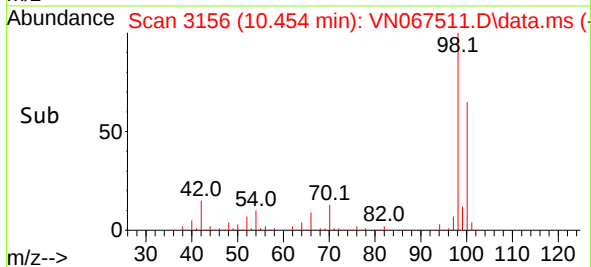
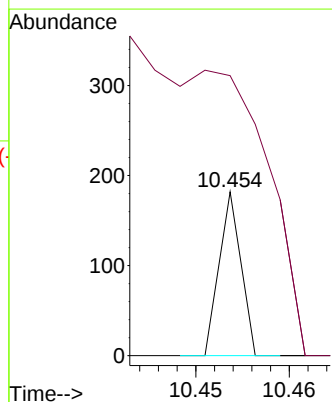
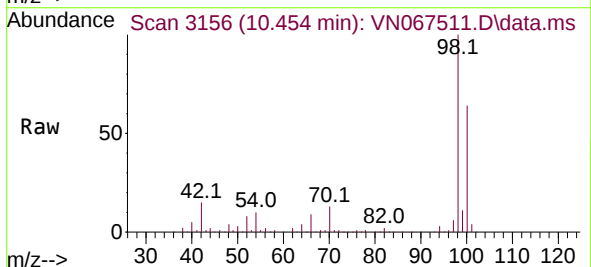
Instrument :
MSVOA_N
ClientSampleId :

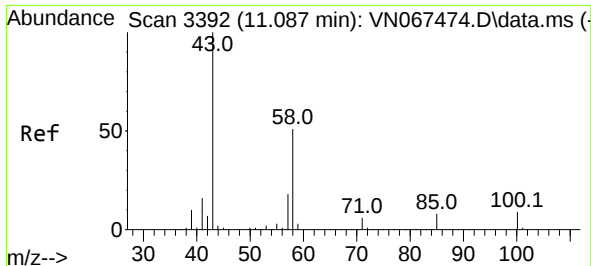
Tgt Ion: 43 Resp: 2564
Ion Ratio Lower Upper
43 100
58 28.4 28.6 43.0#



#53
t-1,3-Dichloropropene
Concen: 2.01 ug/l
RT: 10.454 min Scan# 3156
Delta R.T. -0.268 min
Lab File: VN067511.D
Acq: 25 Jun 2021 17:58

Tgt Ion: 75 Resp: 29
Ion Ratio Lower Upper
75 100
77 75.8 25.1 37.7#

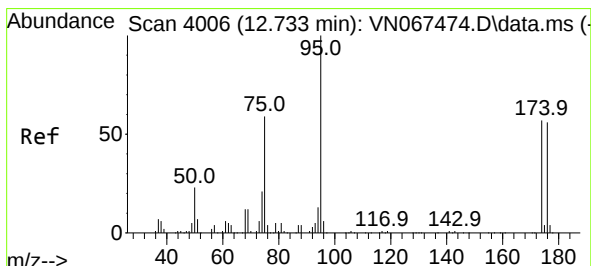
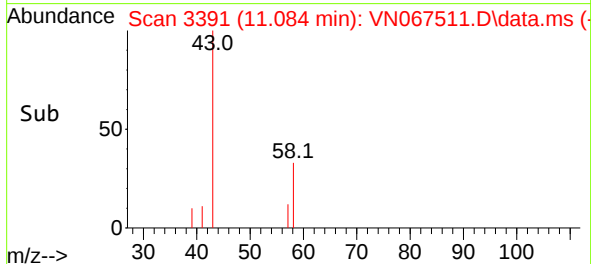
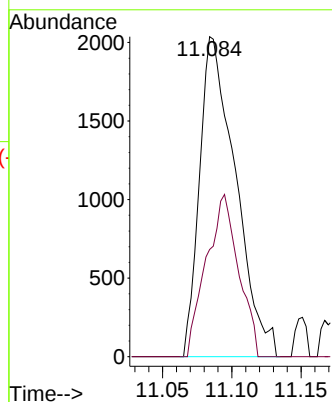
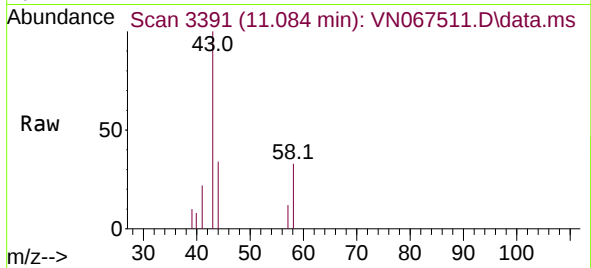




#59
2-Hexanone
Concen: 0.97 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. -0.003 min
Lab File: VN067511.D
Acq: 25 Jun 2021 17:58

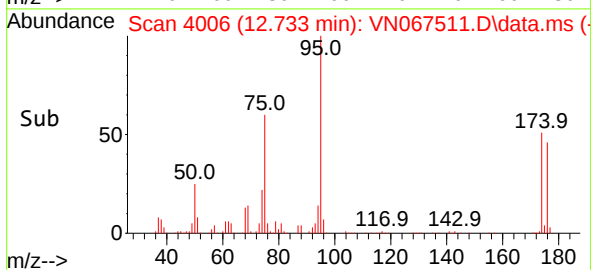
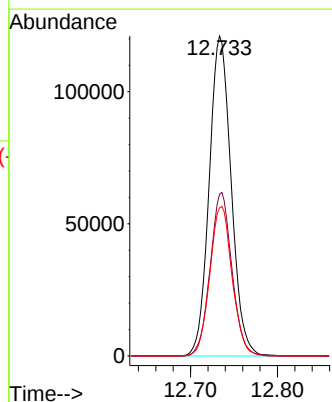
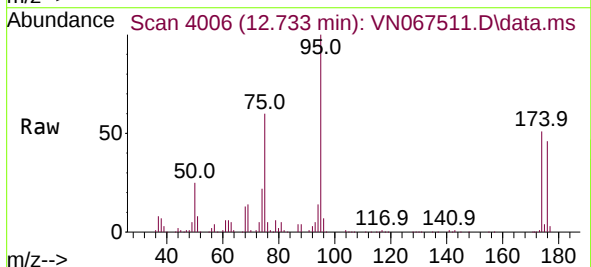
Instrument :
MSVOA_N
ClientSampleId :

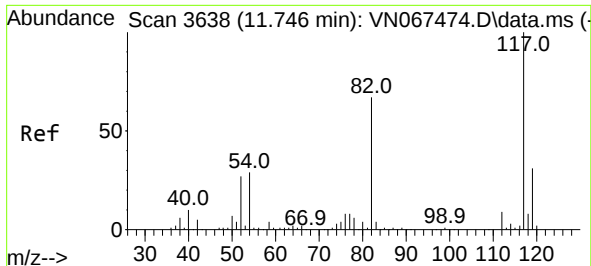
Tgt Ion: 43 Resp: 3678
Ion Ratio Lower Upper
43 100
58 45.4 24.7 74.1



#62
4-Bromofluorobenzene
Concen: 50.78 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067511.D
Acq: 25 Jun 2021 17:58

Tgt Ion: 95 Resp: 212811
Ion Ratio Lower Upper
95 100
174 50.5 0.0 122.0
176 47.4 0.0 117.6

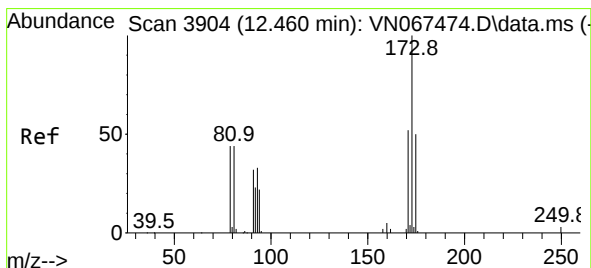
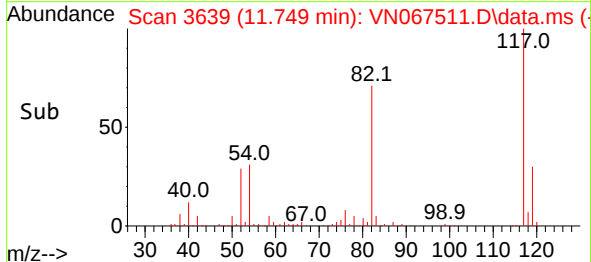
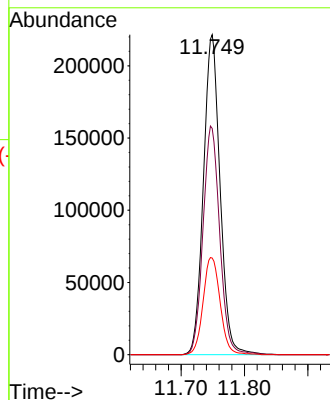
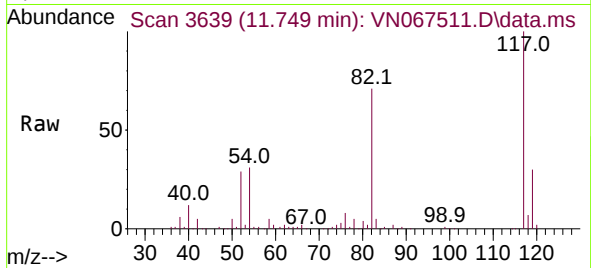




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067511.D
Acq: 25 Jun 2021 17:58

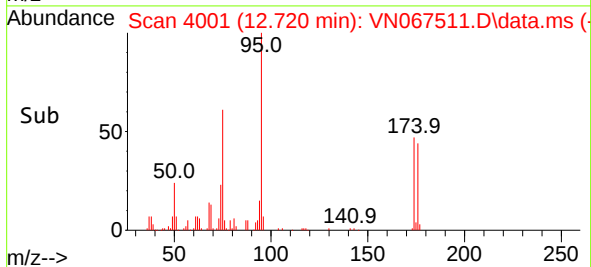
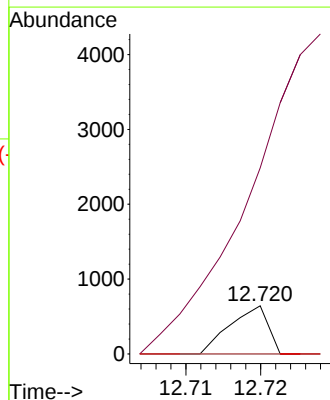
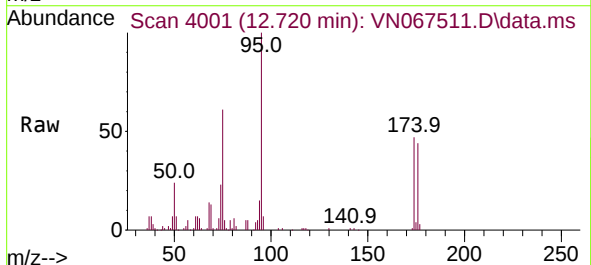
Instrument :
MSVOA_N
ClientSampleId :

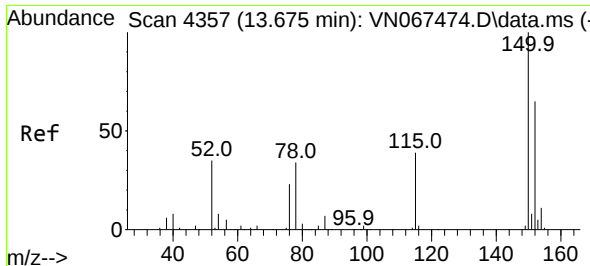
Tgt Ion:117 Resp: 404392
Ion Ratio Lower Upper
117 100
82 70.7 53.1 79.7
119 30.2 25.5 38.3



#71
Bromoform
Concen: 2.76 ug/l
RT: 12.720 min Scan# 4001
Delta R.T. 0.260 min
Lab File: VN067511.D
Acq: 25 Jun 2021 17:58

Tgt Ion:173 Resp: 228
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.0 0.0

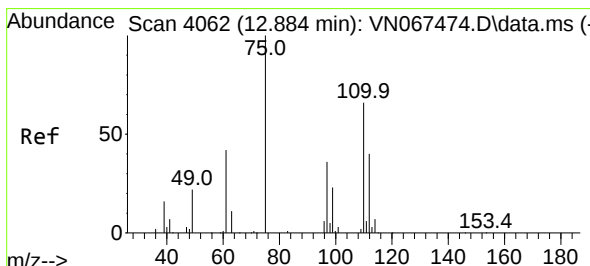
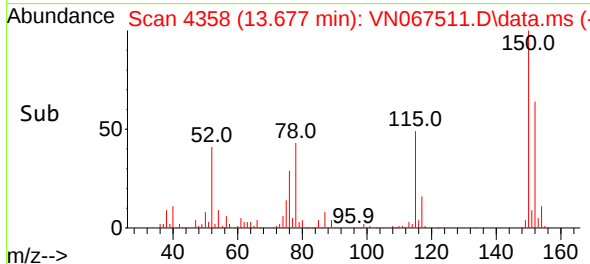
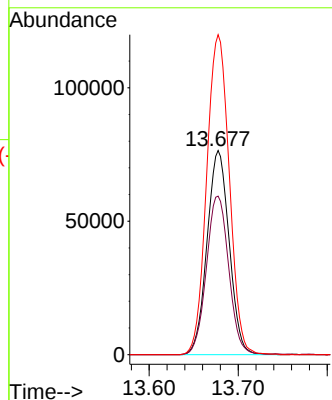
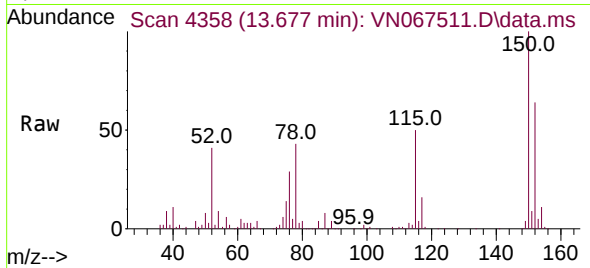




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN067511.D
Acq: 25 Jun 2021 17:58

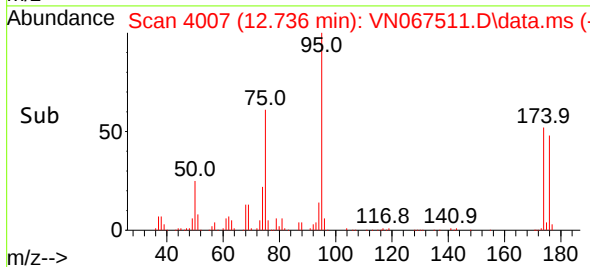
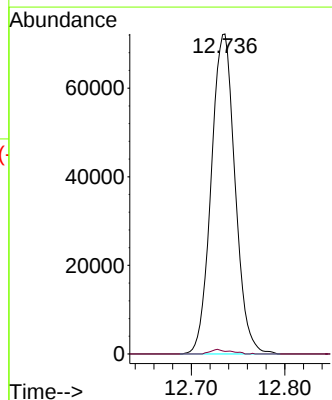
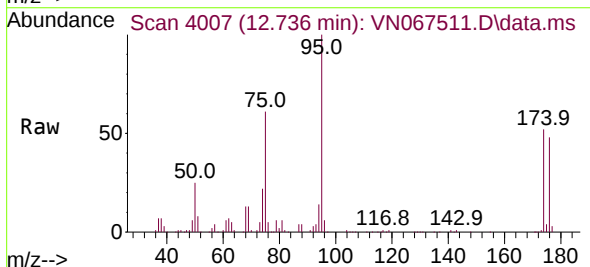
Instrument :
MSVOA_N
ClientSampleId :

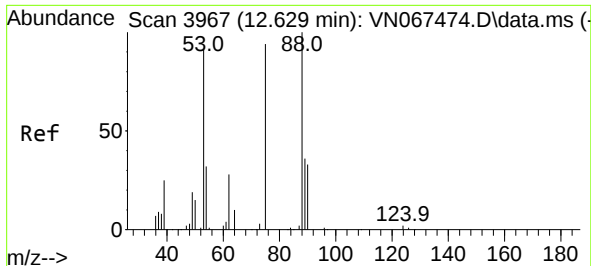
Tgt Ion:152 Resp: 131941
Ion Ratio Lower Upper
152 100
115 78.6 36.1 108.5
150 160.0 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 32.97 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.148 min
Lab File: VN067511.D
Acq: 25 Jun 2021 17:58

Tgt Ion: 75 Resp: 128051
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

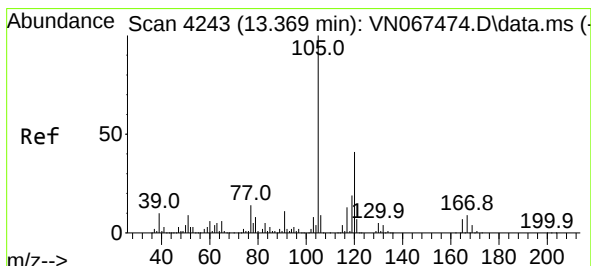
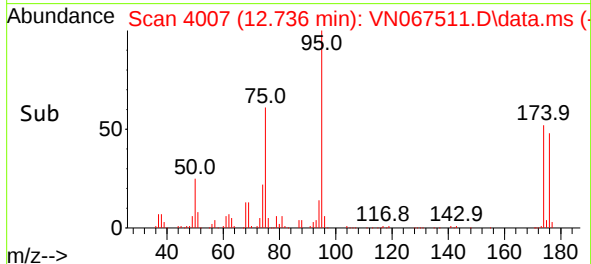
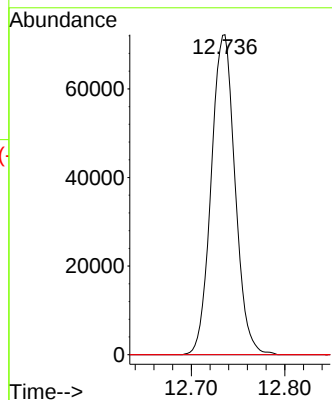
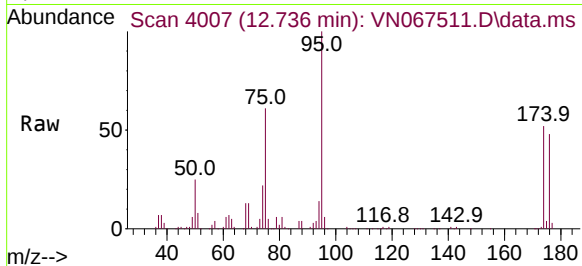




#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.23 ug/l
 RT: 12.736 min Scan# 4007
 Delta R.T. 0.107 min
 Lab File: VN067511.D
 Acq: 25 Jun 2021 17:58

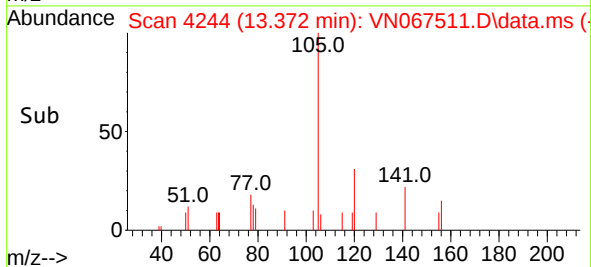
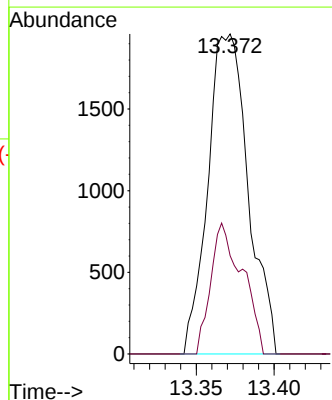
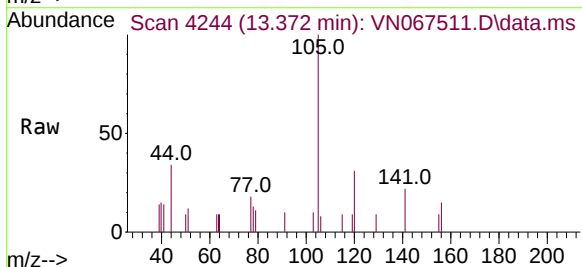
Instrument :
 MSVOA_N
 ClientSampleId :

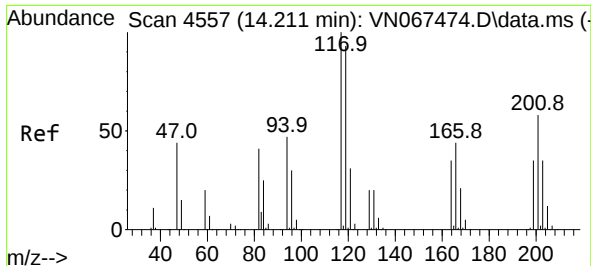
Tgt Ion: 75 Resp: 128051
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.6 131.4#
 89 0.0 37.8 56.8#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.33 ug/l
 RT: 13.372 min Scan# 4244
 Delta R.T. 0.003 min
 Lab File: VN067511.D
 Acq: 25 Jun 2021 17:58

Tgt Ion: 105 Resp: 3527
 Ion Ratio Lower Upper
 105 100
 120 32.0 20.6 61.8

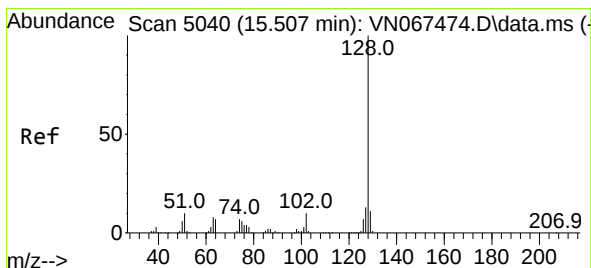
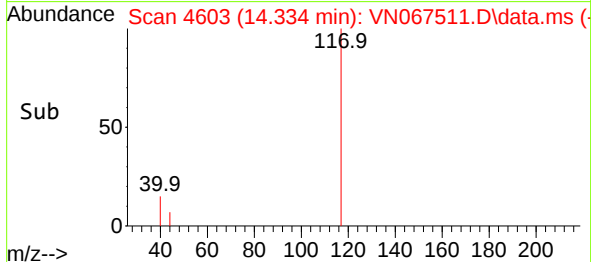
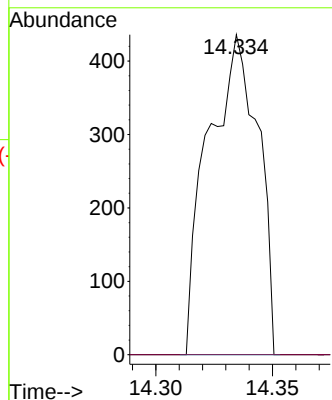
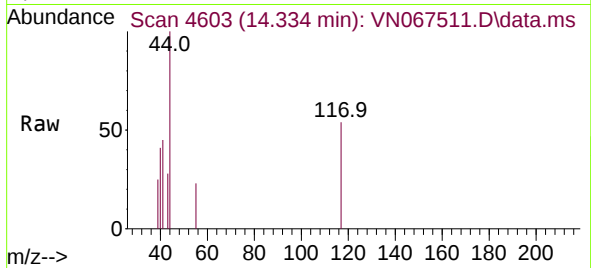




#90
Hexachloroethane
Concen: 0.35 ug/l
RT: 14.334 min Scan# 4603
Delta R.T. 0.123 min
Lab File: VN067511.D
Acq: 25 Jun 2021 17:58

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:117 Resp: 647
Ion Ratio Lower Upper
117 100
201 0.0 33.5 100.5#



#95
Naphthalene
Concen: 3.55 ug/l
RT: 15.498 min Scan# 5037
Delta R.T. -0.009 min
Lab File: VN067511.D
Acq: 25 Jun 2021 17:58

Tgt Ion:128 Resp: 1700
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

