

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101521\
 Data File : VN068960.D
 Acq On : 15 Oct 2021 19:43
 Operator : JC/MD
 Sample : M4153-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 18 02:17:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

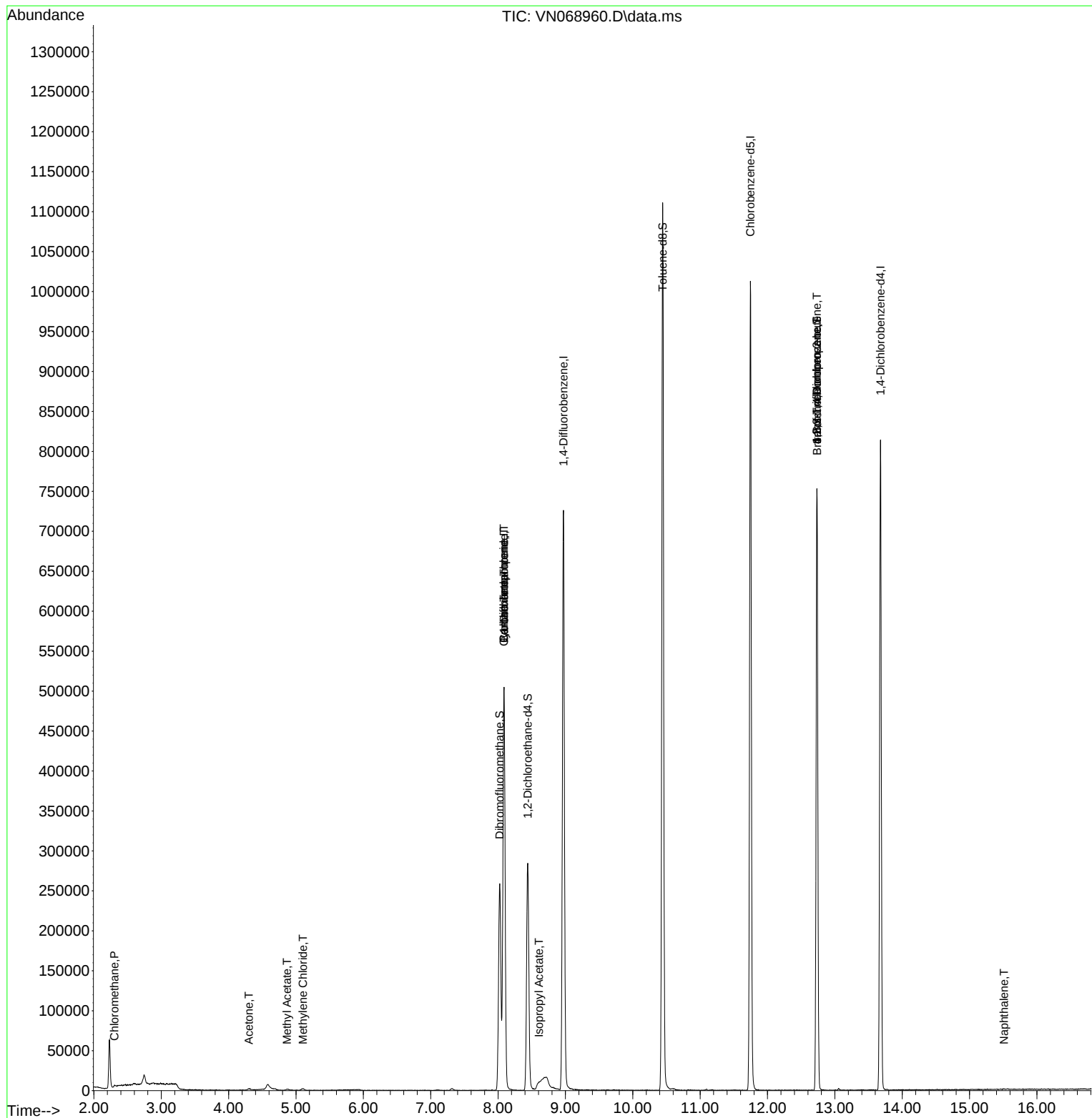
Internal Standards						
1) Pentafluorobenzene	8.088	168	382562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	656679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	597369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	216929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	243101	48.197	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.400%		
35) Dibromofluoromethane	8.024	113	194500	50.908	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.820%		
50) Toluene-d8	10.443	98	807255	52.807	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.620%		
62) 4-Bromofluorobenzene	12.734	95	277795	48.165	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.320%		
Target Compounds						Qvalue
3) Chloromethane	2.303	50	1141	0.244	ug/l	99
16) Acetone	4.299	43	1173	0.623	ug/l	99
18) Methyl Acetate	4.867	43	2353	0.330	ug/l #	67
20) Methylene Chloride	5.103	84	1892	0.437	ug/l #	85
31) Cyclohexane	8.086	56	8817	1.124	ug/l #	1
36) 1,1-Dichloropropene	8.088	75	31599	5.634	ug/l #	49
38) Carbon Tetrachloride	8.088	117	39854	6.470	ug/l #	15
43) Isopropyl Acetate	8.606	43	8542	0.836	ug/l #	55
71) Bromoform	12.736	173	1934	0.546	ug/l #	1
76) 1,2,3-Trichloropropane	12.734	75	144533	31.314	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	144533	74.916	ug/l #	12
95) Naphthalene	15.512	128	748	3.880	ug/l #	69

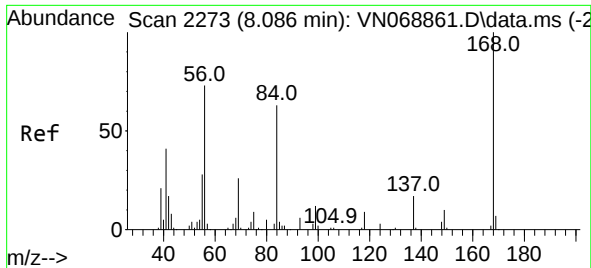
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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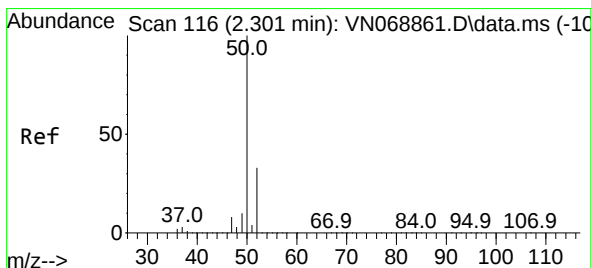
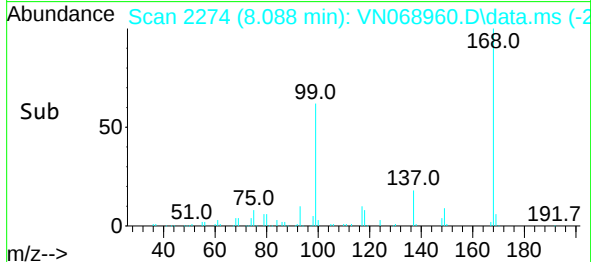
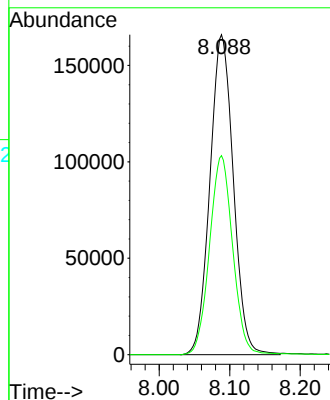
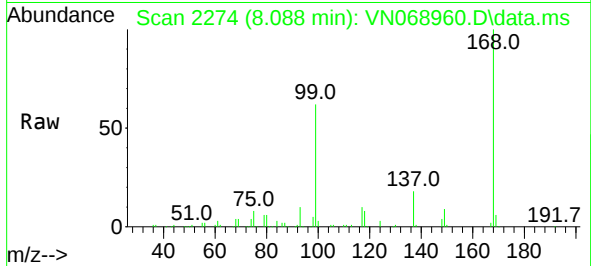




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068960.D
Acq: 15 Oct 2021 19:43

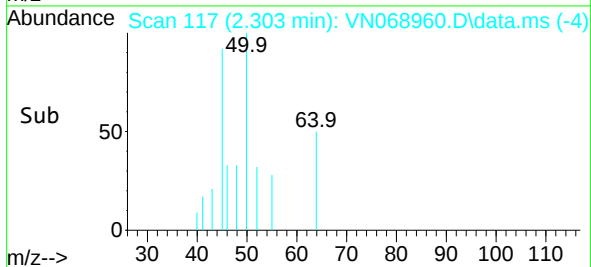
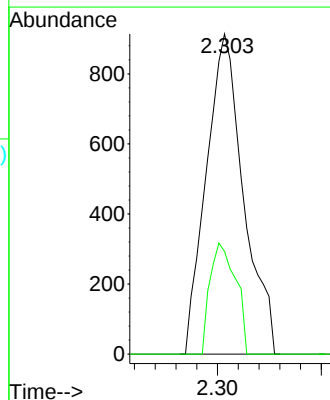
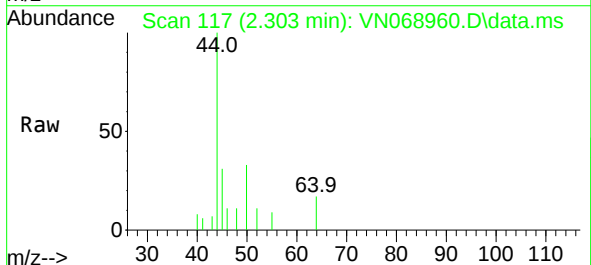
Instrument :
MSVOA_N
ClientSampled :

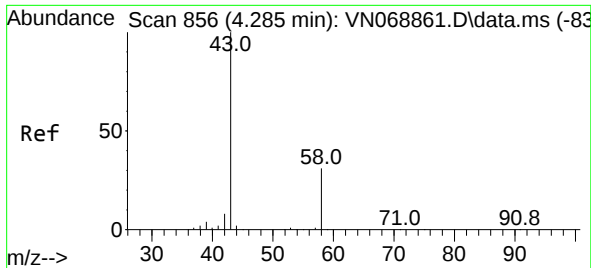
Tgt Ion:168 Resp: 382562
Ion Ratio Lower Upper
168 100
99 62.2 48.9 73.3



#3
Chloromethane
Concen: 0.244 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN068960.D
Acq: 15 Oct 2021 19:43

Tgt Ion: 50 Resp: 1141
Ion Ratio Lower Upper
50 100
52 32.1 26.3 39.5

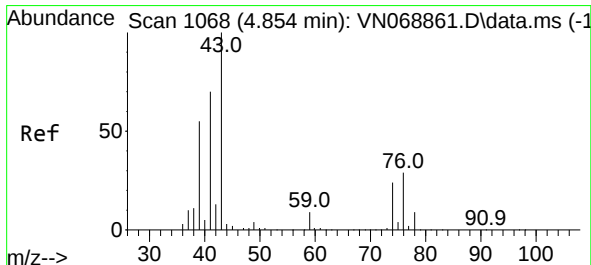
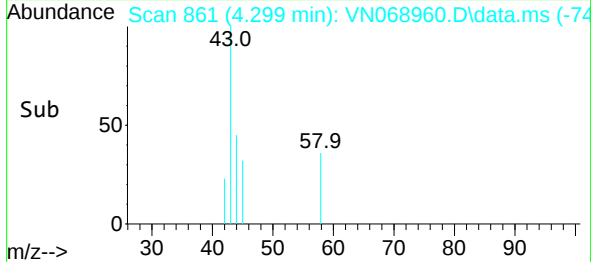
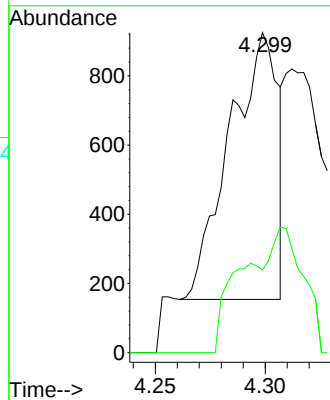
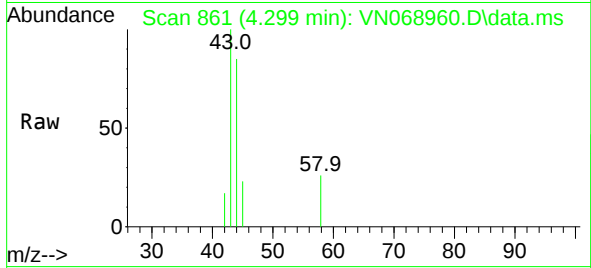




#16
Acetone
Concen: 0.623 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.013 min
Lab File: VN068960.D
Acq: 15 Oct 2021 19:43

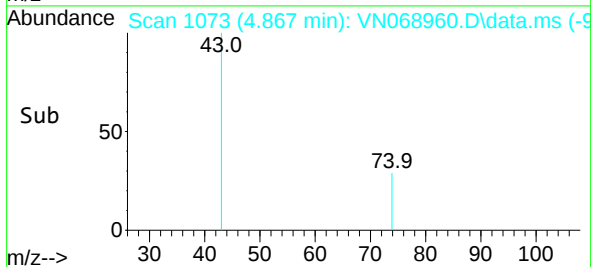
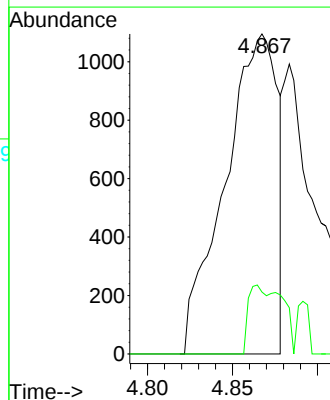
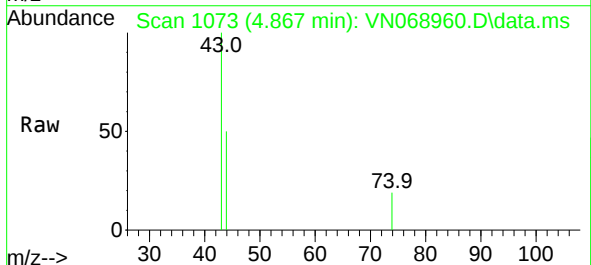
Instrument :
MSVOA_N
ClientSampled :

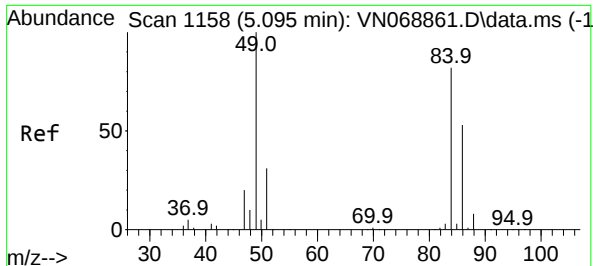
Tgt Ion: 43 Resp: 1173
Ion Ratio Lower Upper
43 100
58 31.0 24.5 36.7



#18
Methyl Acetate
Concen: 0.330 ug/l
RT: 4.867 min Scan# 1073
Delta R.T. 0.013 min
Lab File: VN068960.D
Acq: 15 Oct 2021 19:43

Tgt Ion: 43 Resp: 2353
Ion Ratio Lower Upper
43 100
74 7.3 18.9 28.3#





#20

Methylene Chloride

Concen: 0.437 ug/l

RT: 5.103 min Scan# 1161

Delta R.T. 0.008 min

Lab File: VN068960.D

Acq: 15 Oct 2021 19:43

Tgt Ion: 84 Resp: 1892

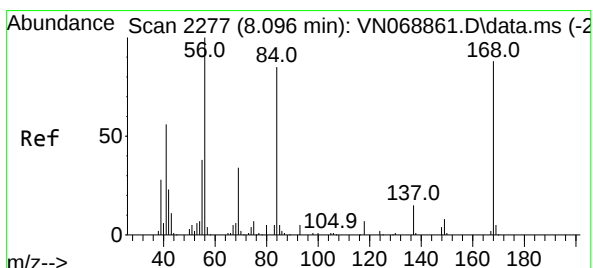
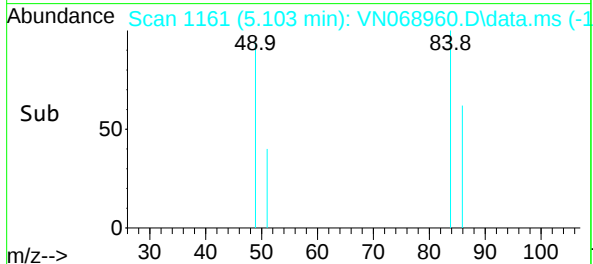
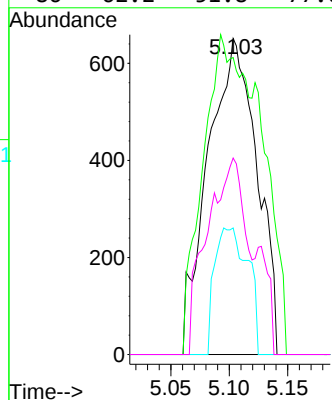
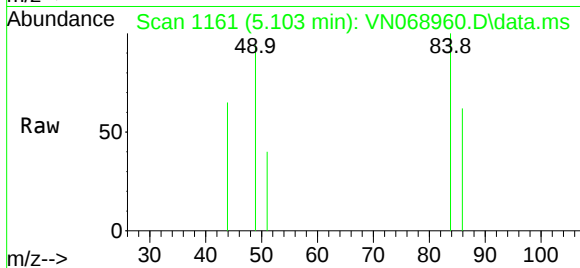
Ion Ratio Lower Upper

84 100

49 94.0 97.6 146.4#

51 40.1 30.3 45.5

86 62.2 51.8 77.6



#31

Cyclohexane

Concen: 1.124 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.010 min

Lab File: VN068960.D

Acq: 15 Oct 2021 19:43

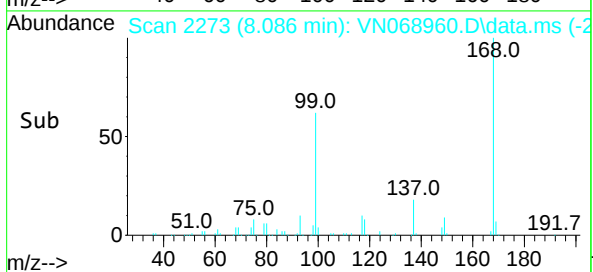
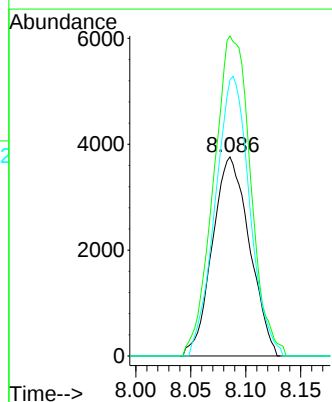
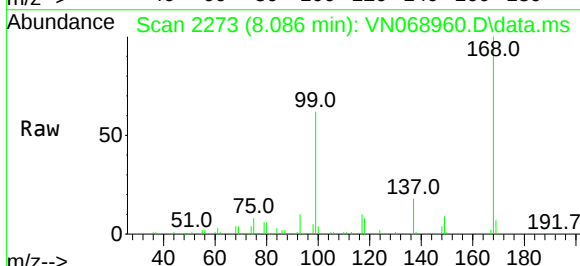
Tgt Ion: 56 Resp: 8817

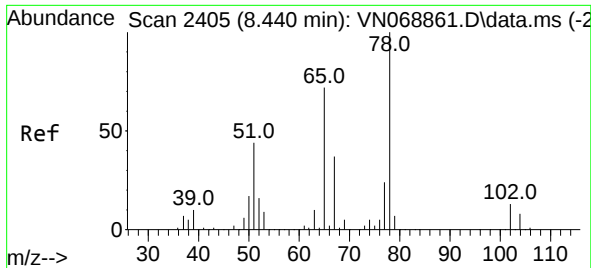
Ion Ratio Lower Upper

56 100

69 160.8 26.9 40.3#

84 138.7 67.6 101.4#

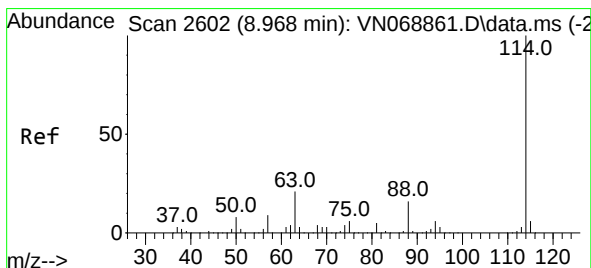
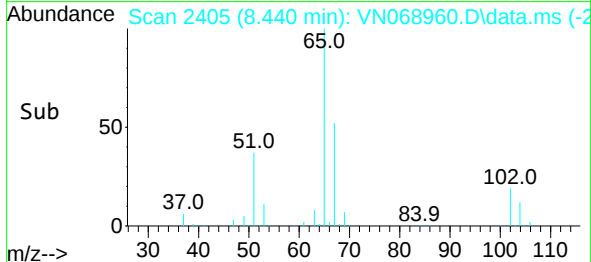
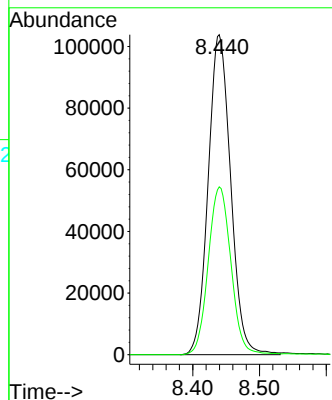
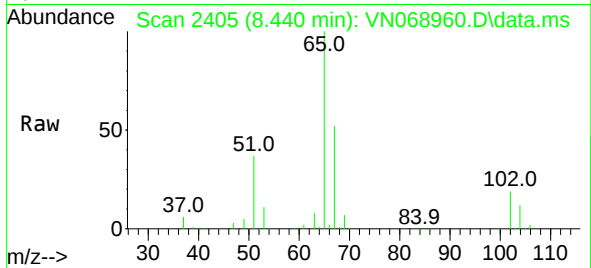




#33
 1,2-Dichloroethane-d4
 Concen: 48.197 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. 0.000 min
 Lab File: VN068960.D
 Acq: 15 Oct 2021 19:43

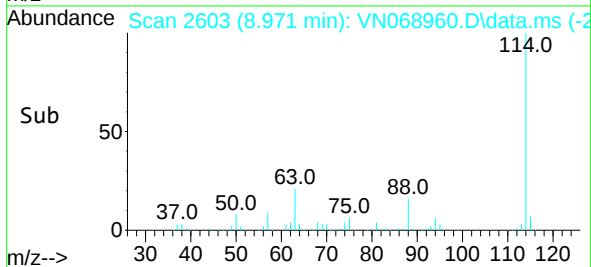
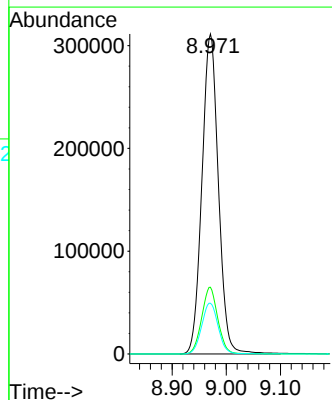
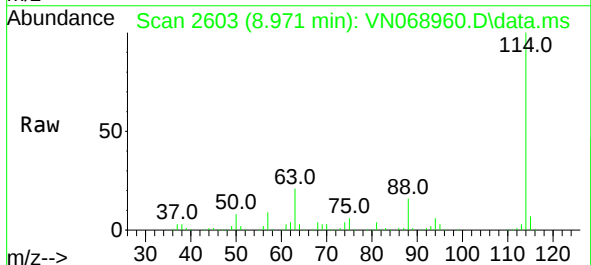
Instrument :
 MSVOA_N
 ClientSampled :

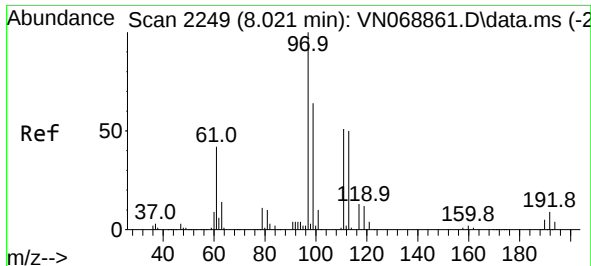
Tgt Ion: 65 Resp: 243101
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN068960.D
 Acq: 15 Oct 2021 19:43

Tgt Ion: 114 Resp: 656679
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.6
 88 15.9 0.0 32.0

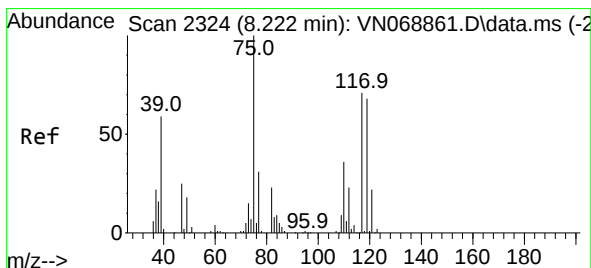
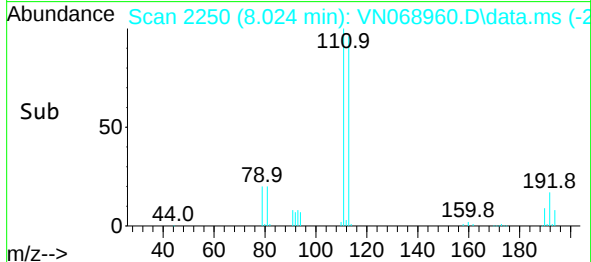
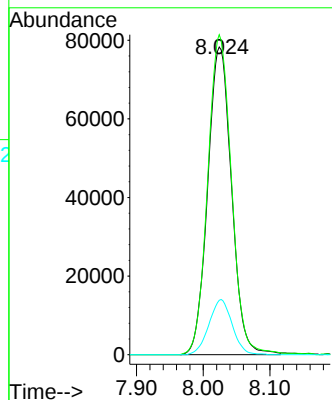
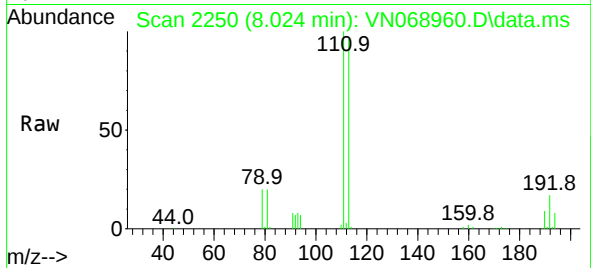




#35
Dibromofluoromethane
Concen: 50.908 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068960.D
Acq: 15 Oct 2021 19:43

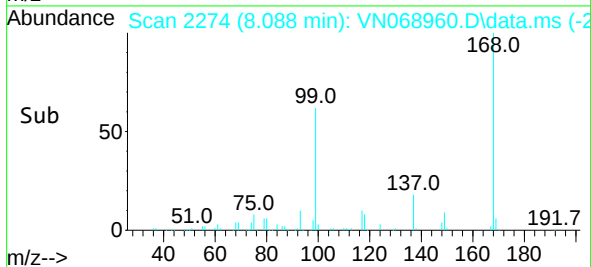
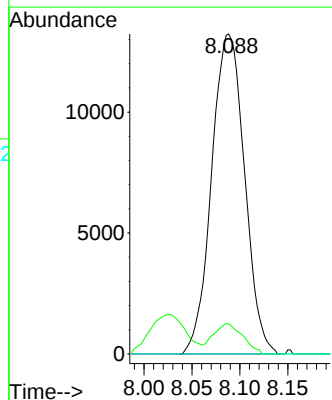
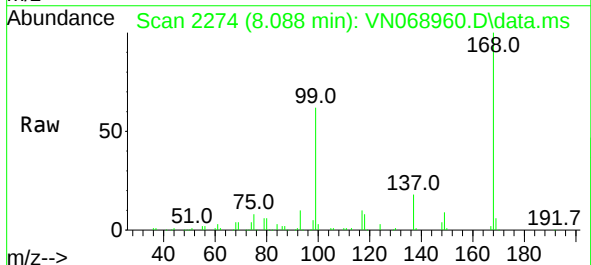
Instrument :
MSVOA_N
ClientSampled :

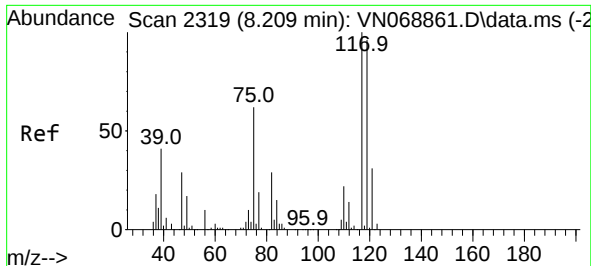
Tgt Ion:113 Resp: 194500
Ion Ratio Lower Upper
113 100
111 103.5 83.2 124.8
192 17.5 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.634 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN068960.D
Acq: 15 Oct 2021 19:43

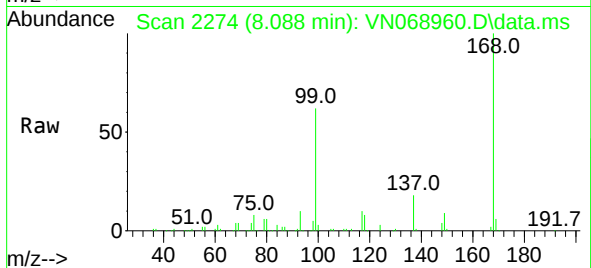
Tgt Ion: 75 Resp: 31599
Ion Ratio Lower Upper
75 100
110 8.5 17.9 53.8#
77 0.0 24.7 37.1#



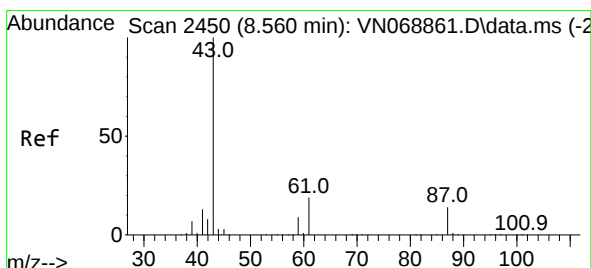
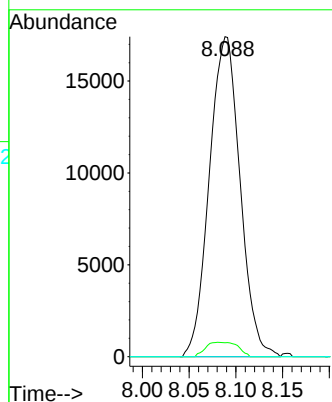
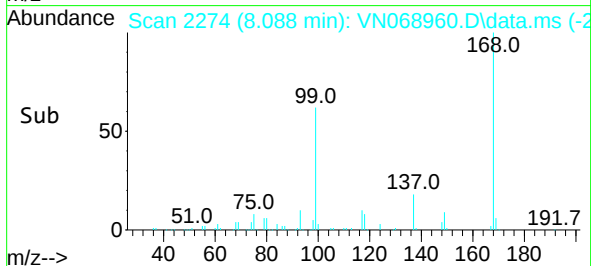


#38
Carbon Tetrachloride
Concen: 6.470 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN068960.D
Acq: 15 Oct 2021 19:43

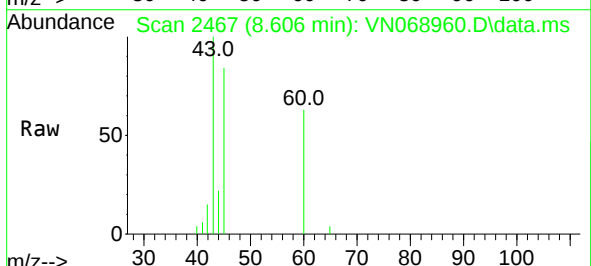
Instrument :
MSVOA_N
ClientSampled :



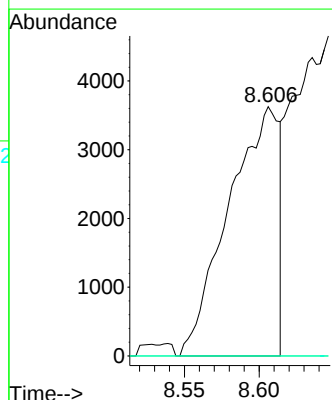
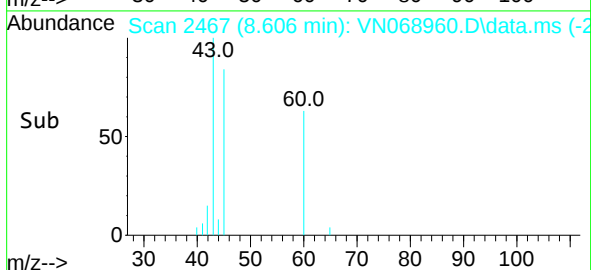
Tgt Ion:117 Resp: 39854
Ion Ratio Lower Upper
117 100
119 4.3 76.9 115.3#
121 0.0 24.6 37.0#

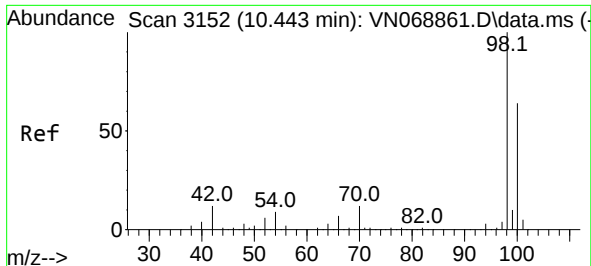


#43
Isopropyl Acetate
Concen: 0.836 ug/l
RT: 8.606 min Scan# 2467
Delta R.T. 0.046 min
Lab File: VN068960.D
Acq: 15 Oct 2021 19:43



Tgt Ion: 43 Resp: 8542
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#

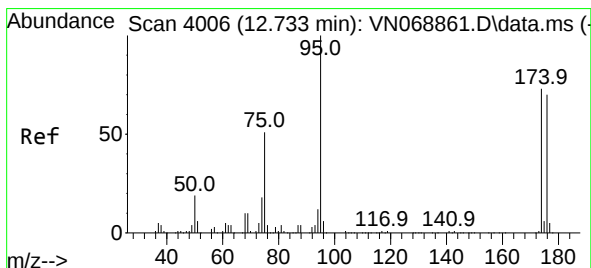
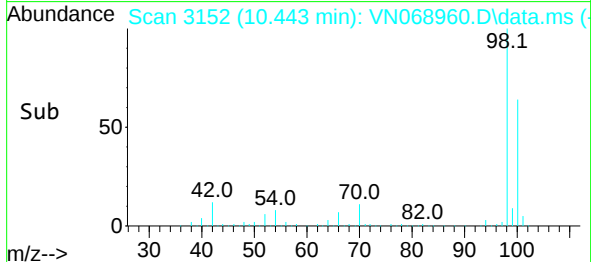
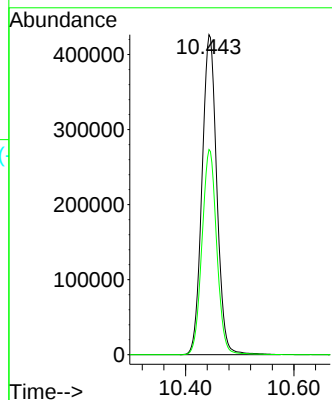
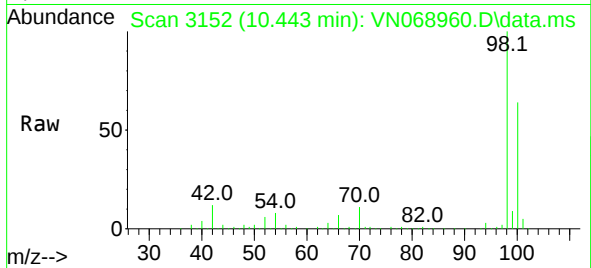




#50
Toluene-d8
Concen: 52.807 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068960.D
Acq: 15 Oct 2021 19:43

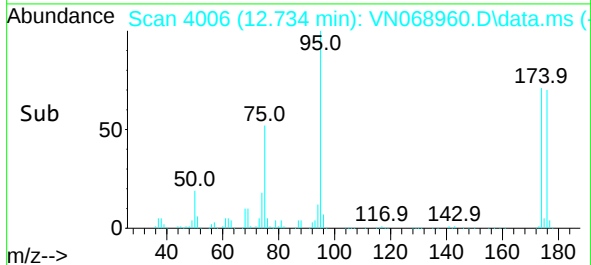
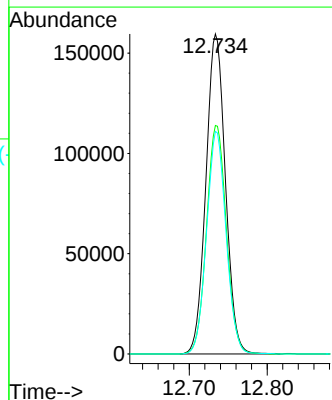
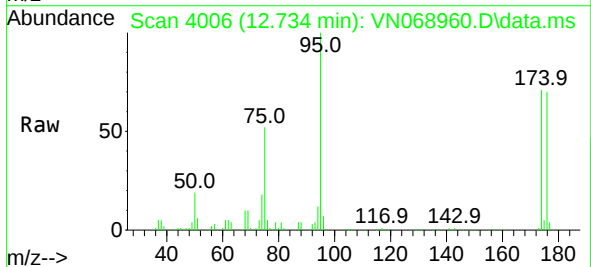
Instrument :
MSVOA_N
ClientSampled :

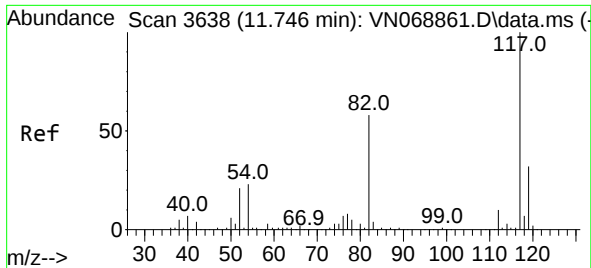
Tgt Ion: 98 Resp: 807255
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 48.165 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068960.D
Acq: 15 Oct 2021 19:43

Tgt Ion: 95 Resp: 277795
Ion Ratio Lower Upper
95 100
174 72.7 0.0 144.8
176 69.5 0.0 140.0

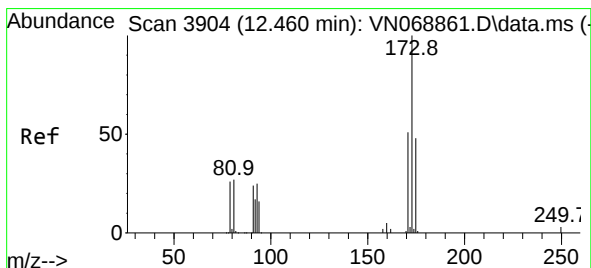
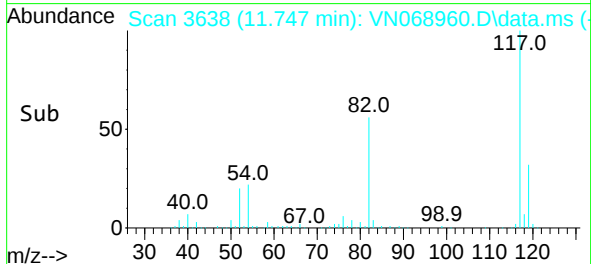
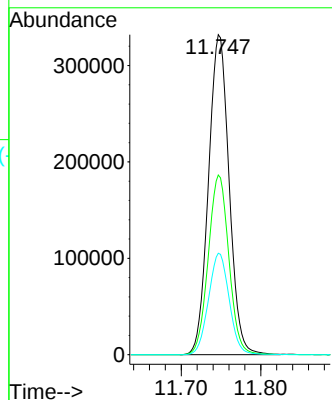
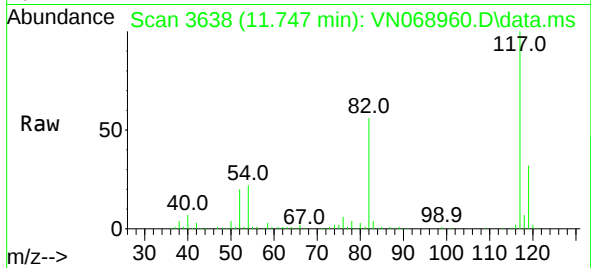




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068960.D
Acq: 15 Oct 2021 19:43

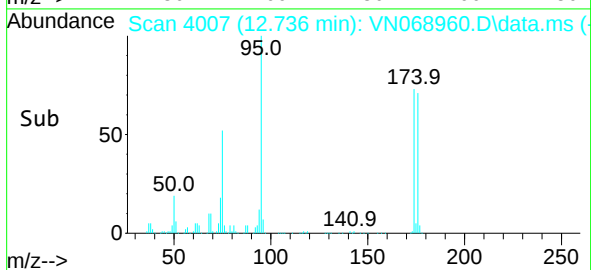
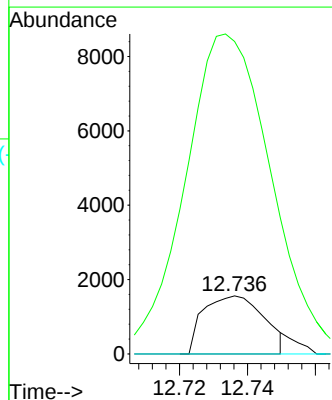
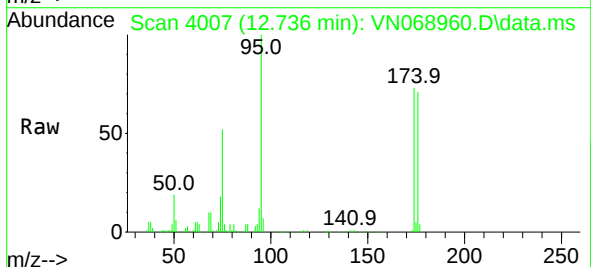
Instrument :
MSVOA_N
ClientSampled :

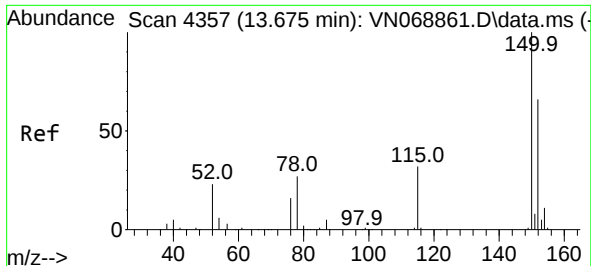
Tgt Ion:117 Resp: 597369
Ion Ratio Lower Upper
117 100
82 56.2 46.4 69.6
119 31.7 26.0 39.0



#71
Bromoform
Concen: 0.546 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.276 min
Lab File: VN068960.D
Acq: 15 Oct 2021 19:43

Tgt Ion:173 Resp: 1934
Ion Ratio Lower Upper
173 100
175 718.4 23.8 71.5#
254 0.0 0.0 0.0

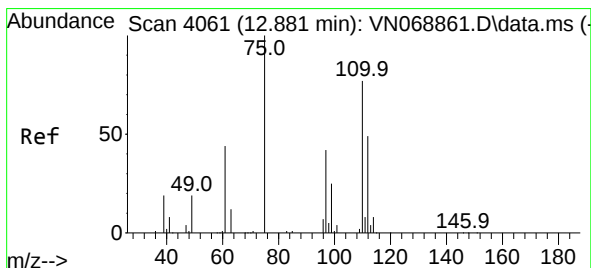
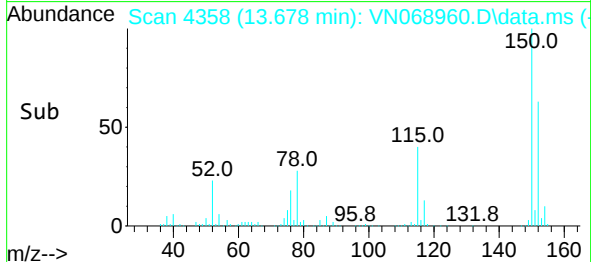
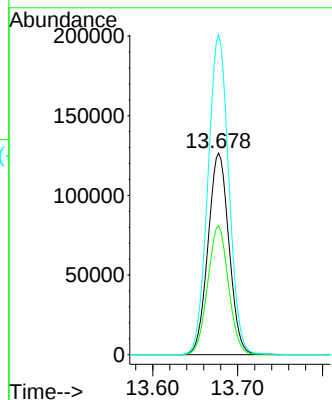
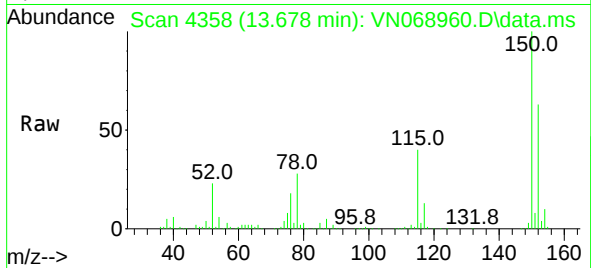




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068960.D
Acq: 15 Oct 2021 19:43

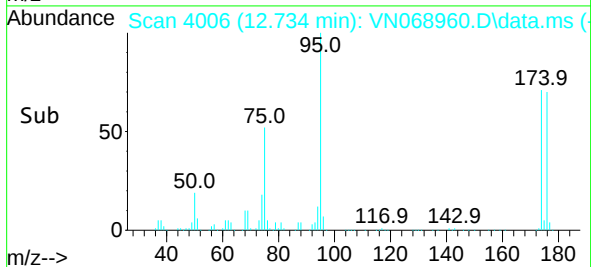
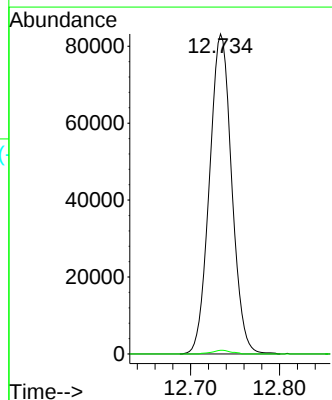
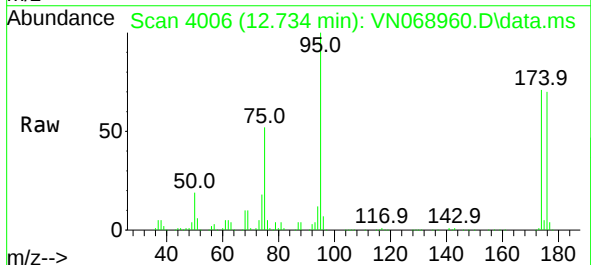
Instrument :
MSVOA_N
ClientSampled :

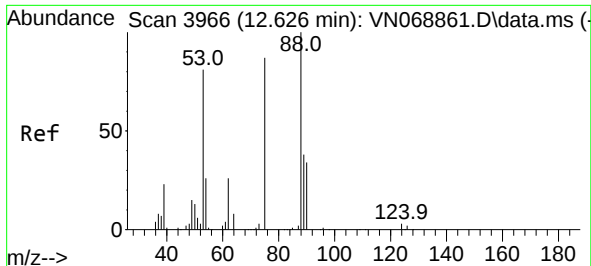
Tgt Ion:152 Resp: 216929
Ion Ratio Lower Upper
152 100
115 63.4 31.4 94.3
150 158.5 0.0 351.0



#76
1,2,3-Trichloropropane
Concen: 31.314 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN068960.D
Acq: 15 Oct 2021 19:43

Tgt Ion: 75 Resp: 144533
Ion Ratio Lower Upper
75 100
77 1.0 96.2 288.4#

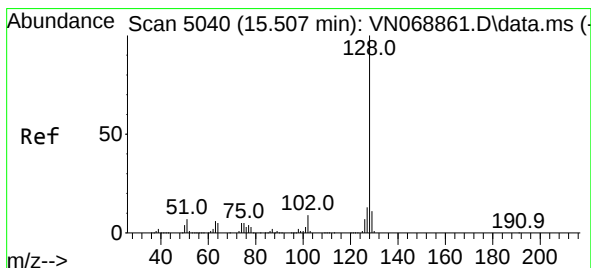
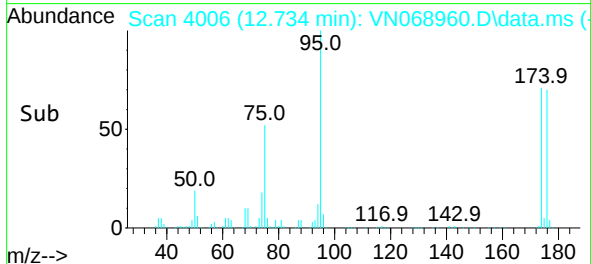
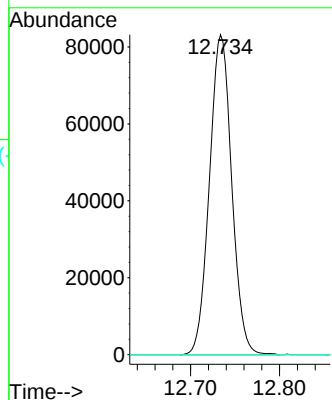
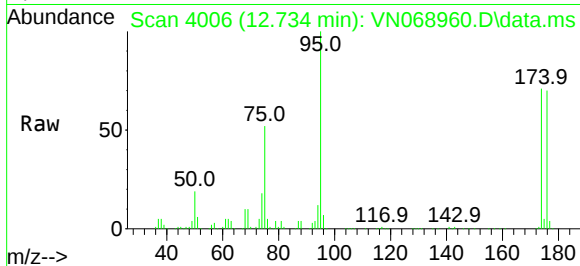




#81
trans-1,4-Dichloro-2-butene
Concen: 74.916 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068960.D
Acq: 15 Oct 2021 19:43

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 144533
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 3.880 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN068960.D
Acq: 15 Oct 2021 19:43

Tgt Ion:128 Resp: 748
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

