

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012423\
 Data File : VN076385.D
 Acq On : 24 Jan 2023 16:17
 Operator : JC\MD
 Sample : 01280-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 22-MW-3I

Quant Time: Jan 25 00:40:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

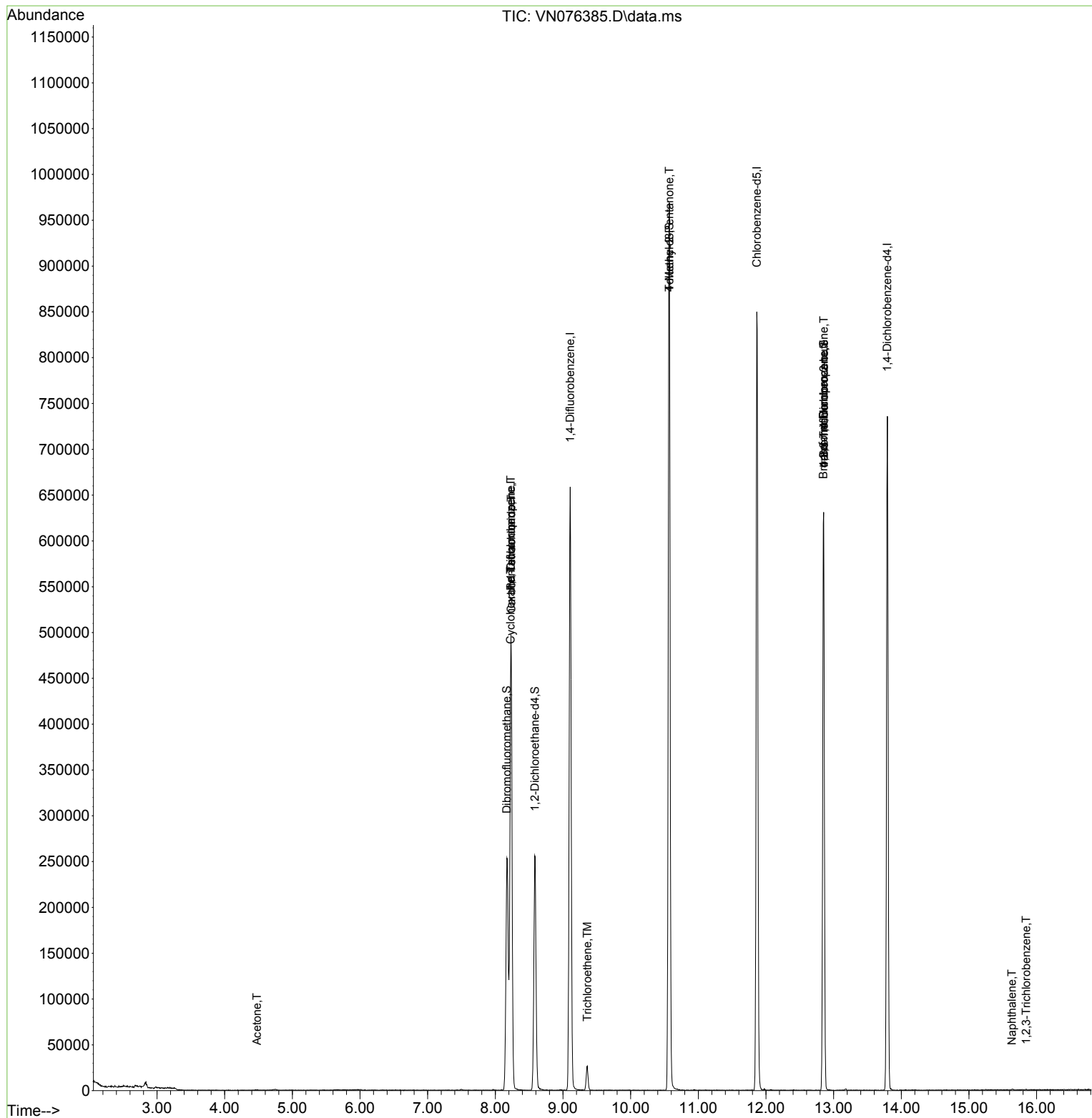
Internal Standards						
1) Pentafluorobenzene	8.230	168	369456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	597442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	514256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	200889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	208578	50.421	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.840%	
35) Dibromofluoromethane	8.171	113	182625	48.866	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.740%	
50) Toluene-d8	10.571	98	684962	49.627	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.260%	
62) 4-Bromofluorobenzene	12.853	95	210760	46.776	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.560%	
Target Compounds						Qvalue
16) Acetone	4.477	43	898	0.604	ug/l #	41
31) Cyclohexane	8.224	56	7889	1.241	ug/l #	11
36) 1,1-Dichloropropene	8.230	75	29085	5.477	ug/l #	49
38) Carbon Tetrachloride	8.236	117	37519	6.335	ug/l #	18
44) Trichloroethene	9.359	130	9643	2.147	ug/l	92
51) 4-Methyl-2-Pentanone	10.571	43	2755	0.677	ug/l #	1
71) Bromoform	12.847	173	1534	0.525	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	114755	30.996	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	114755	95.044	ug/l #	11
95) Naphthalene	15.635	128	940	1.926	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.847	180	78	1.177	ug/l #	81

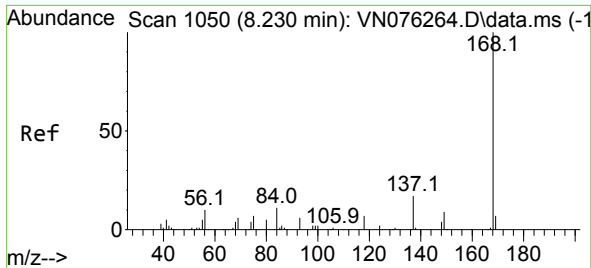
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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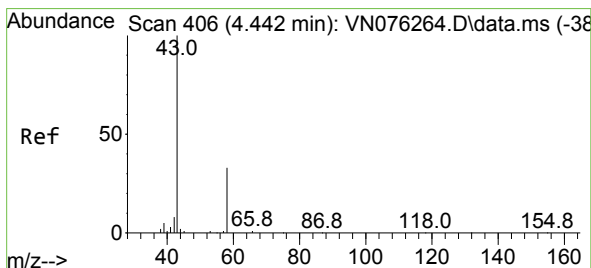
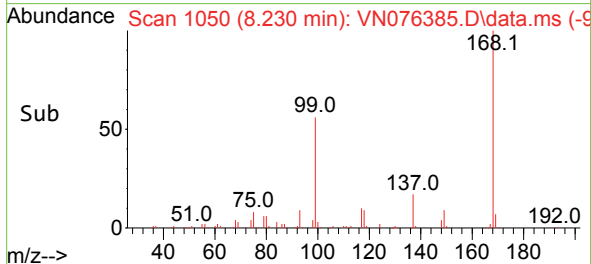
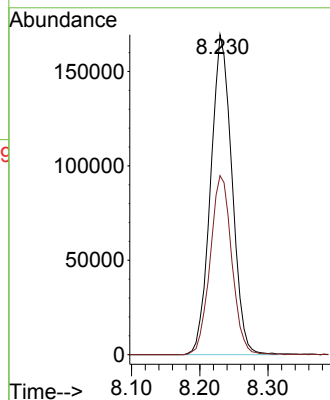
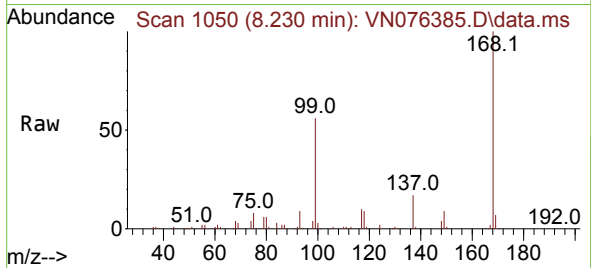




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076385.D
Acq: 24 Jan 2023 16:17

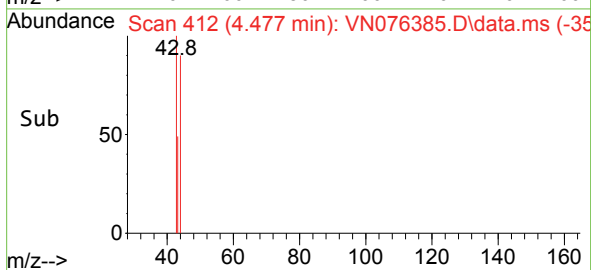
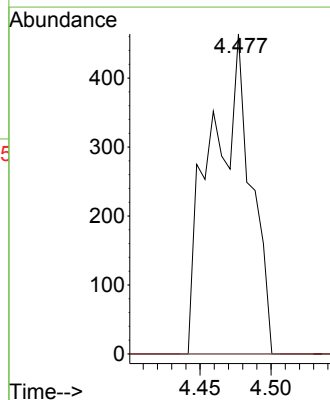
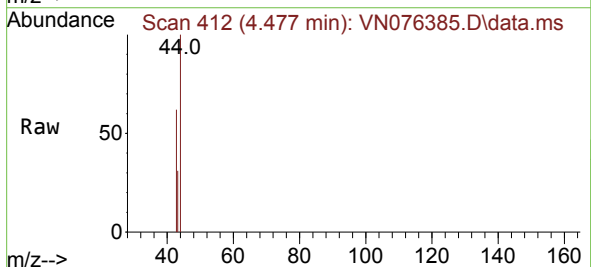
Instrument :
MSVOA_N
ClientSampleId :
22-MW-3I

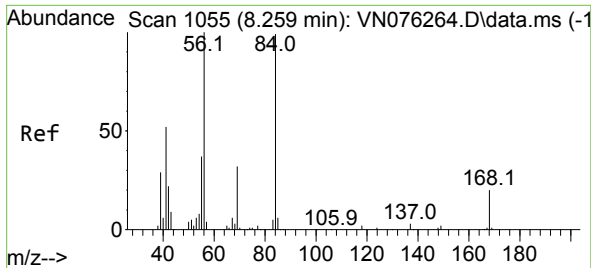
Tgt Ion:168 Resp: 369456
Ion Ratio Lower Upper
168 100
99 56.0 41.6 62.4



#16
Acetone
Concen: 0.604 ug/l
RT: 4.477 min Scan# 412
Delta R.T. 0.035 min
Lab File: VN076385.D
Acq: 24 Jan 2023 16:17

Tgt Ion: 43 Resp: 898
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#

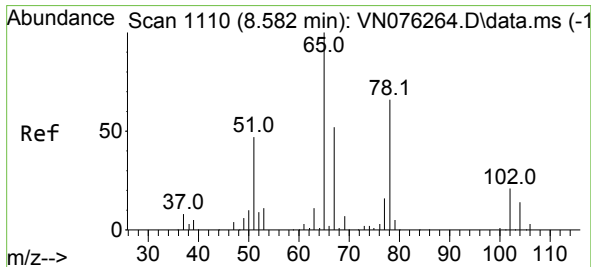
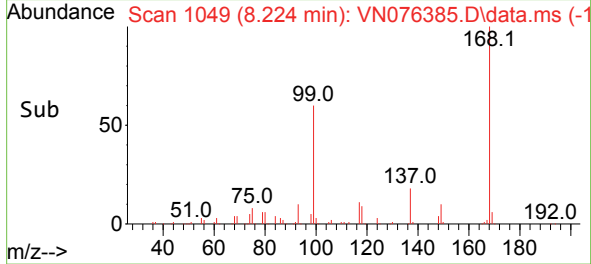
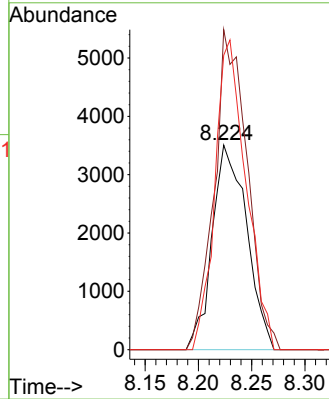
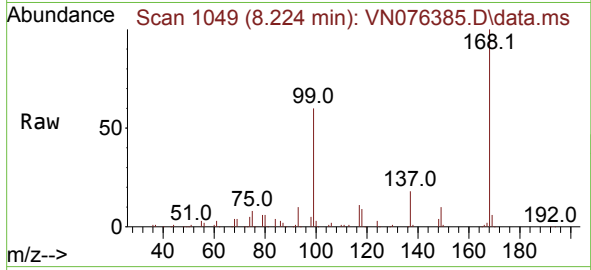




#31
Cyclohexane
Concen: 1.241 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN076385.D
Acq: 24 Jan 2023 16:17

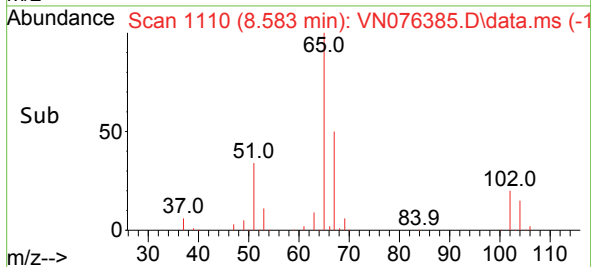
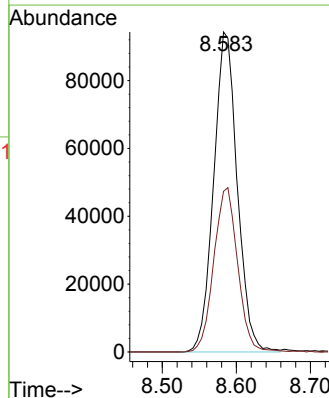
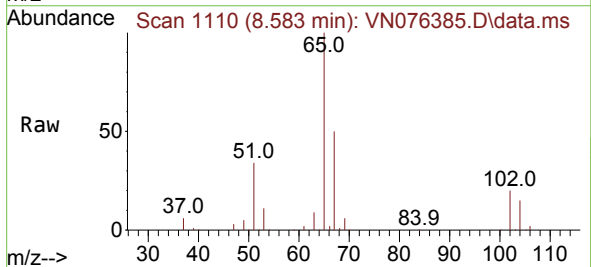
Instrument :
MSVOA_N
ClientSampleId :
22-MW-3I

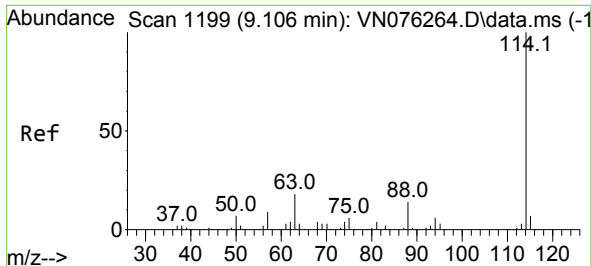
Tgt Ion: 56 Resp: 7889
Ion Ratio Lower Upper
56 100
69 156.4 25.8 38.8#
84 143.8 79.0 118.4#



#33
1,2-Dichloroethane-d4
Concen: 50.421 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.001 min
Lab File: VN076385.D
Acq: 24 Jan 2023 16:17

Tgt Ion: 65 Resp: 208578
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076385.D

Acq: 24 Jan 2023 16:17

Instrument :

MSVOA_N

ClientSampleId :

22-MW-3I

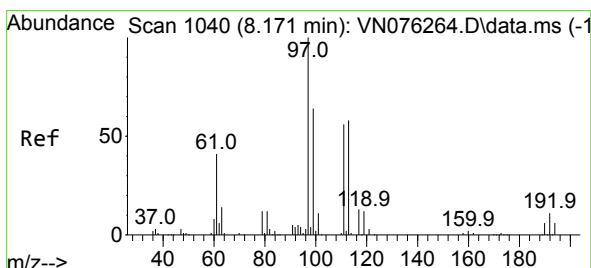
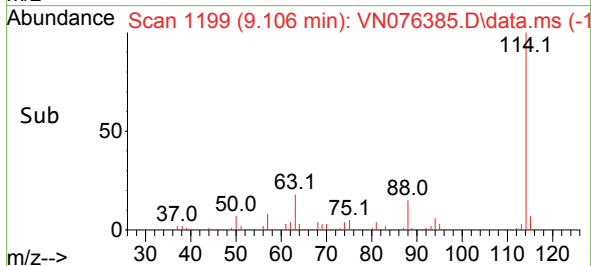
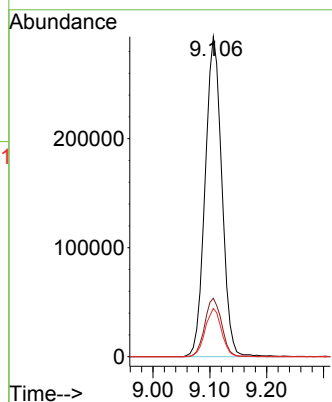
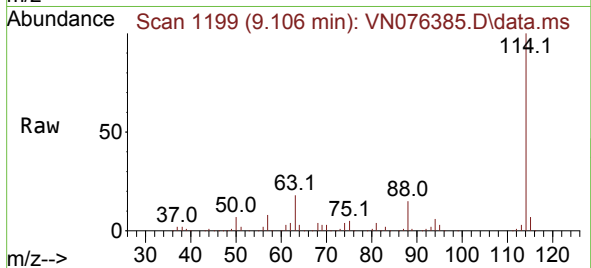
Tgt Ion:114 Resp: 597442

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.8

88 15.1 0.0 28.0



#35

Dibromofluoromethane

Concen: 48.866 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076385.D

Acq: 24 Jan 2023 16:17

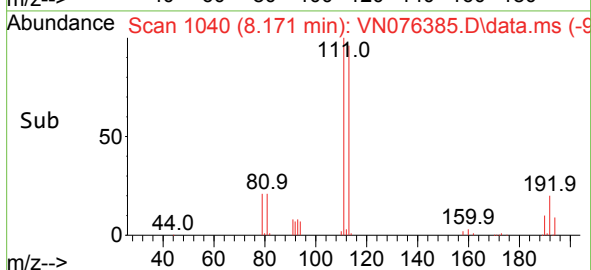
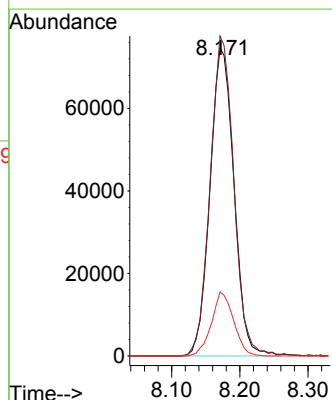
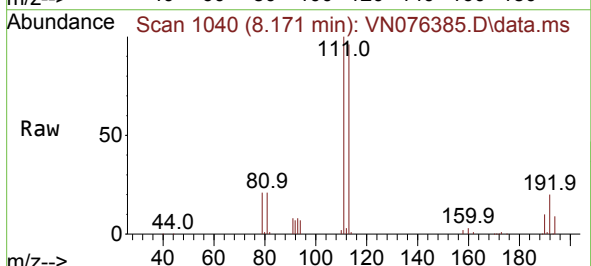
Tgt Ion:113 Resp: 182625

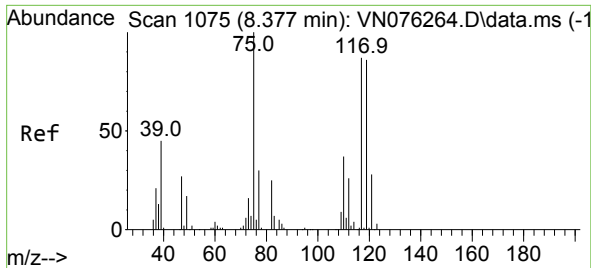
Ion Ratio Lower Upper

113 100

111 102.7 82.7 124.1

192 19.2 15.6 23.4

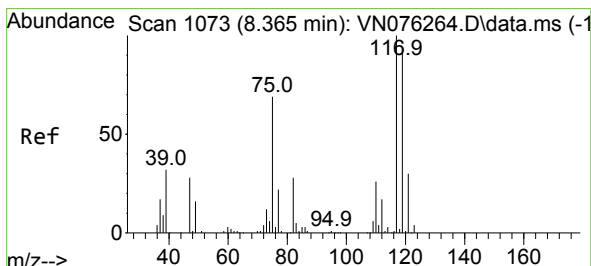
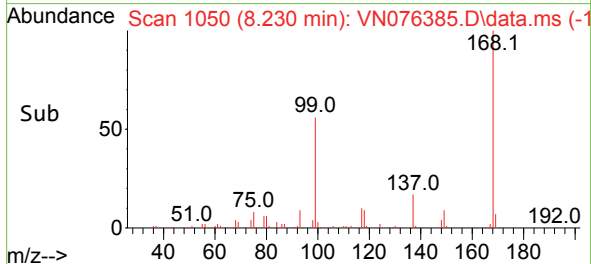
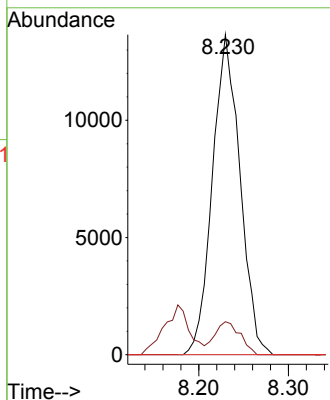
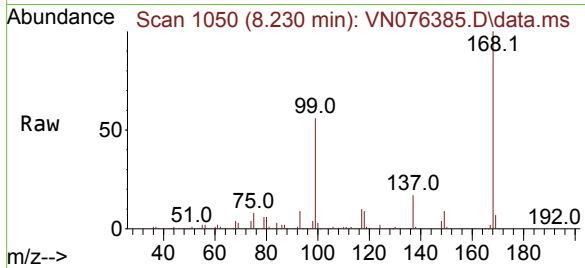




#36
 1,1-Dichloropropene
 Concen: 5.477 ug/l
 RT: 8.230 min Scan# 1050
 Delta R.T. -0.147 min
 Lab File: VN076385.D
 Acq: 24 Jan 2023 16:17

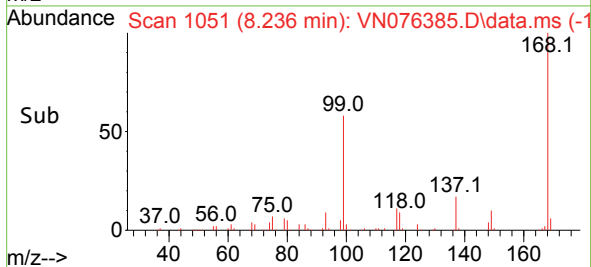
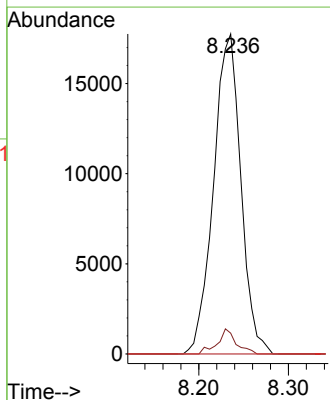
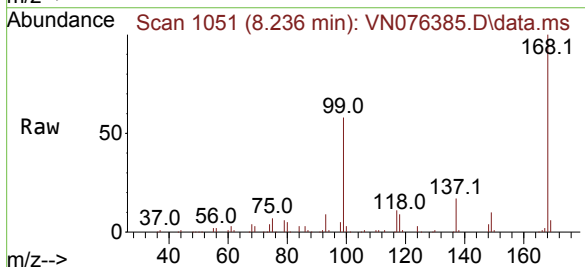
Instrument :
 MSVOA_N
 ClientSampleId :
 22-MW-3I

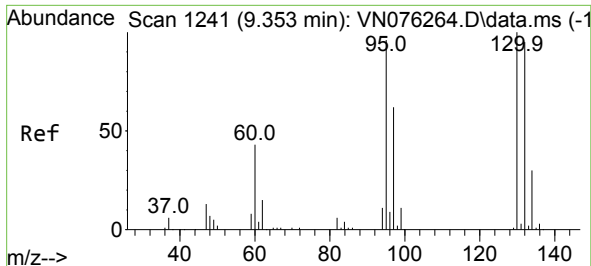
Tgt Ion: 75 Resp: 29085
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.8 56.3#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.335 ug/l
 RT: 8.236 min Scan# 1051
 Delta R.T. -0.129 min
 Lab File: VN076385.D
 Acq: 24 Jan 2023 16:17

Tgt Ion: 117 Resp: 37519
 Ion Ratio Lower Upper
 117 100
 119 6.5 75.4 113.0#
 121 0.0 24.2 36.2#

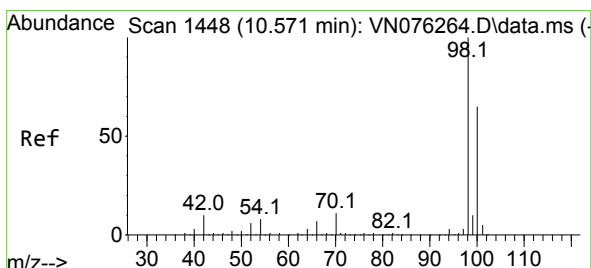
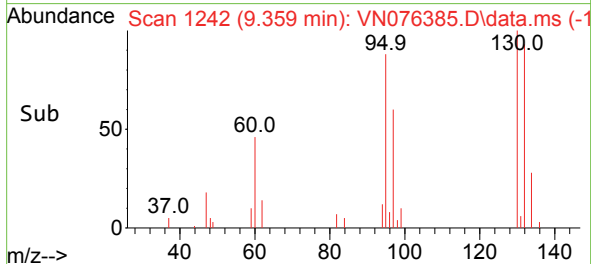
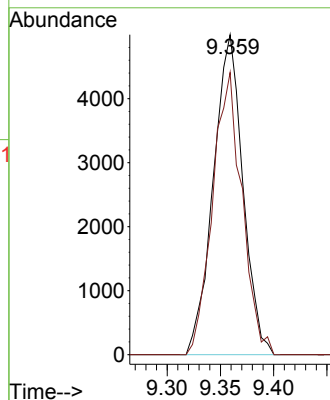
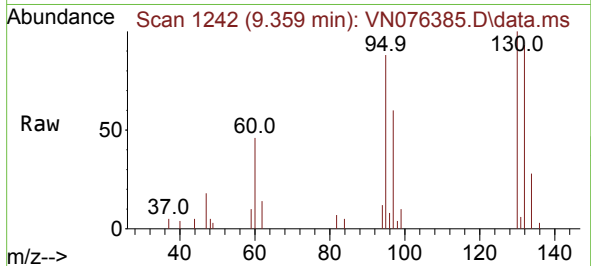




#44
Trichloroethene
Concen: 2.147 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076385.D
Acq: 24 Jan 2023 16:17

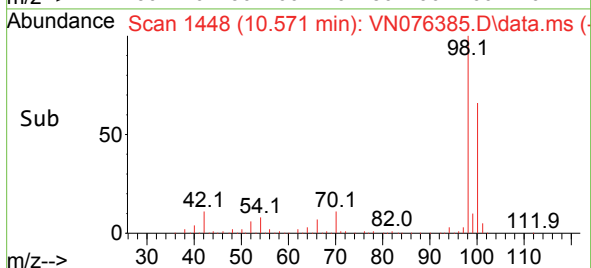
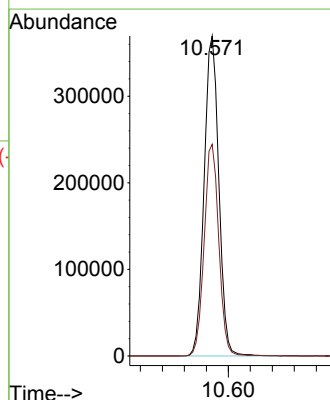
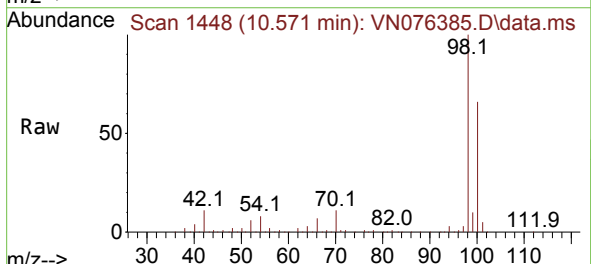
Instrument :
MSVOA_N
ClientSampleId :
22-MW-3I

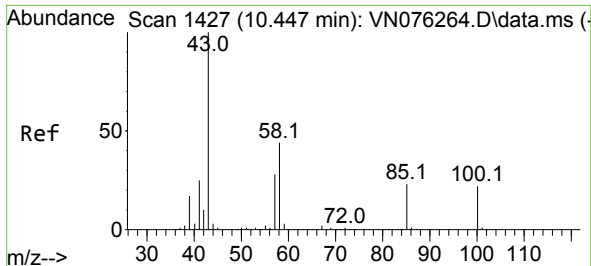
Tgt Ion:130 Resp: 9643
Ion Ratio Lower Upper
130 100
95 88.2 0.0 192.0



#50
Toluene-d8
Concen: 49.627 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076385.D
Acq: 24 Jan 2023 16:17

Tgt Ion: 98 Resp: 684962
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 0.677 ug/l

RT: 10.571 min Scan# 1427

Delta R.T. 0.124 min

Lab File: VN076385.D

Acq: 24 Jan 2023 16:17

Instrument :

MSVOA_N

ClientSampleId :

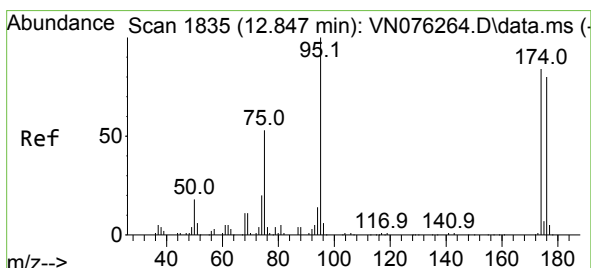
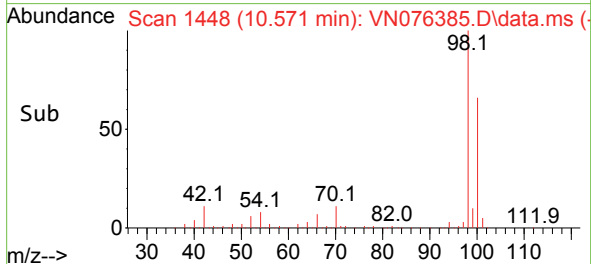
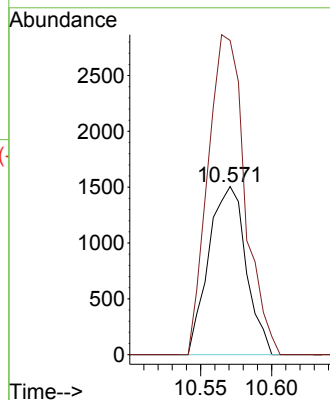
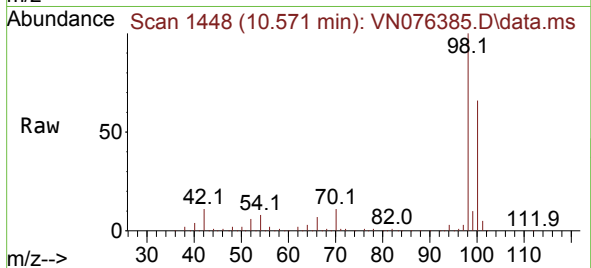
22-MW-3I

Tgt Ion: 43 Resp: 2755

Ion Ratio Lower Upper

43 100

58 188.3 35.1 52.7#



#62

4-Bromofluorobenzene

Concen: 46.776 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN076385.D

Acq: 24 Jan 2023 16:17

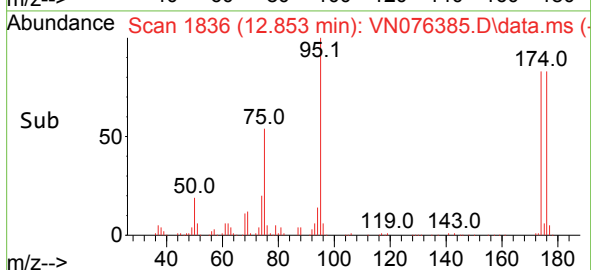
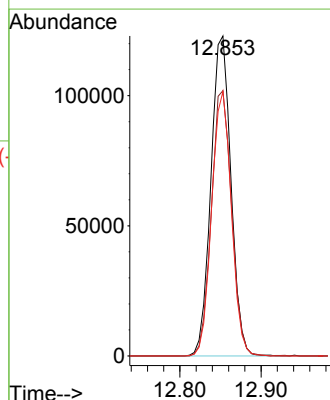
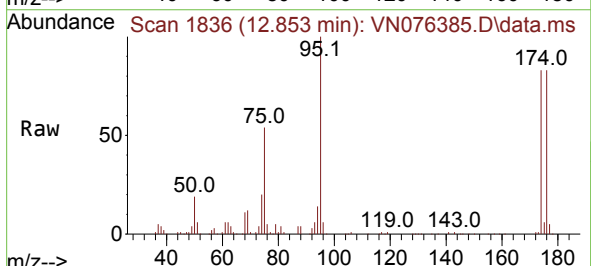
Tgt Ion: 95 Resp: 210760

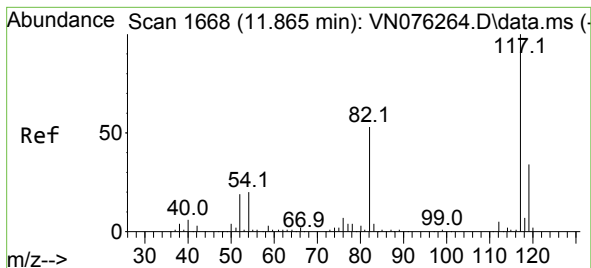
Ion Ratio Lower Upper

95 100

174 83.8 0.0 174.6

176 81.1 0.0 167.8

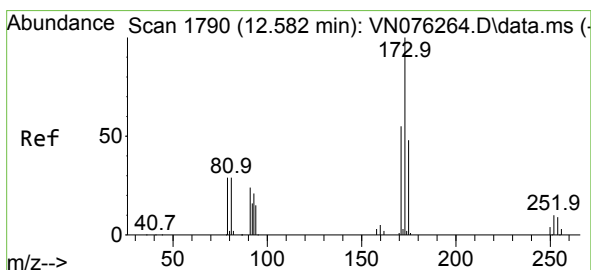
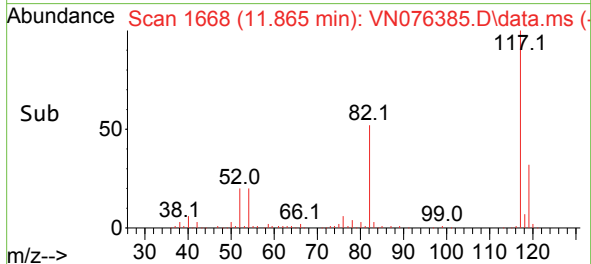
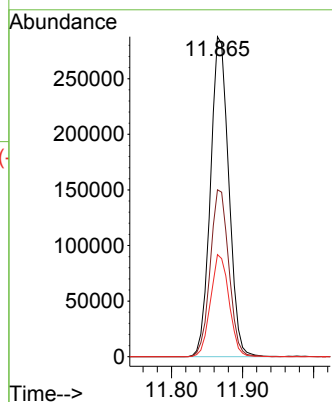
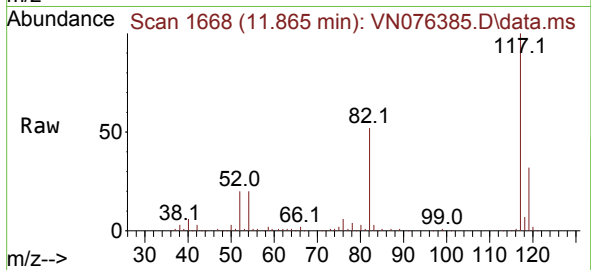




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076385.D
Acq: 24 Jan 2023 16:17

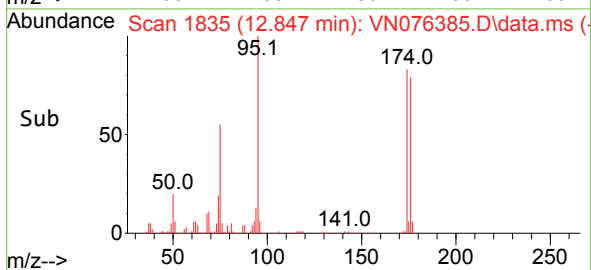
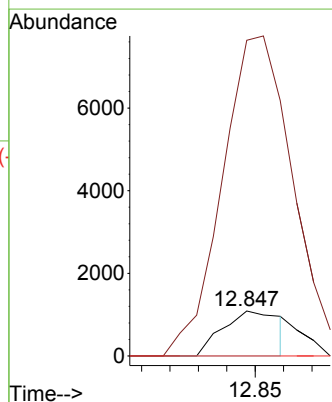
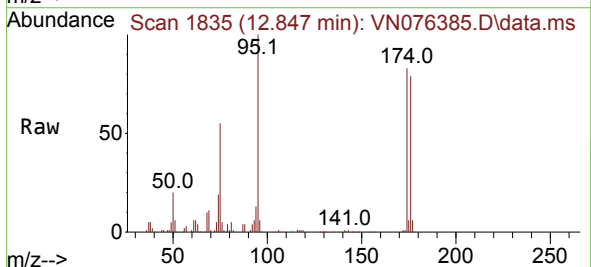
Instrument :
MSVOA_N
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22-MW-3I

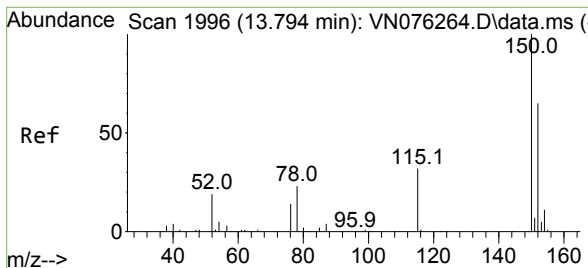
Tgt Ion:117 Resp: 514256
Ion Ratio Lower Upper
117 100
82 52.2 42.2 63.2
119 31.9 26.9 40.3



#71
Bromoform
Concen: 0.525 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN076385.D
Acq: 24 Jan 2023 16:17

Tgt Ion:173 Resp: 1534
Ion Ratio Lower Upper
173 100
175 725.0 24.1 72.4#
254 0.0 0.0 0.0

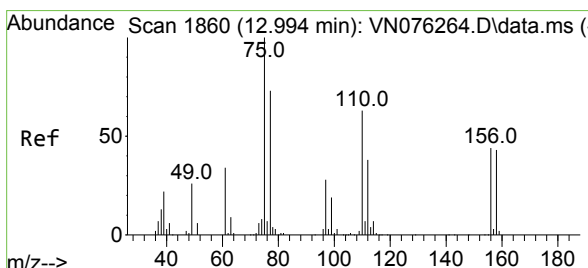
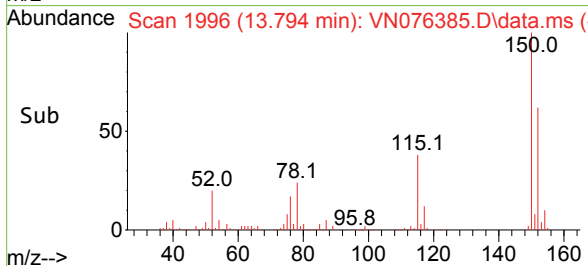
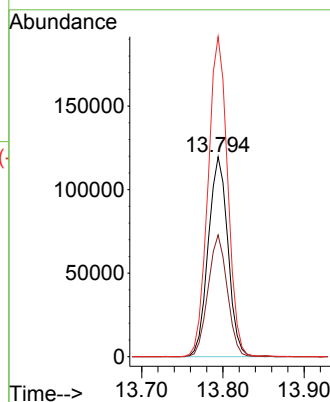
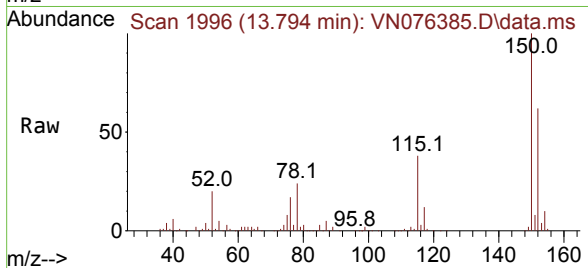




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN076385.D
 Acq: 24 Jan 2023 16:17

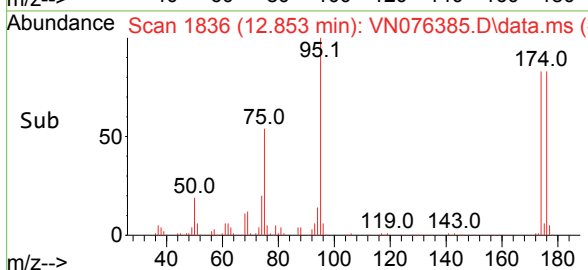
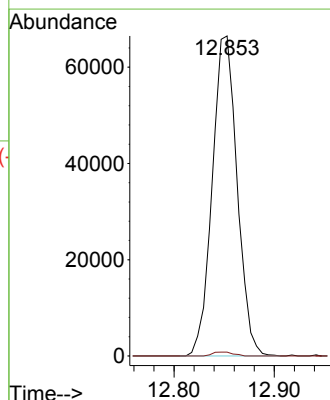
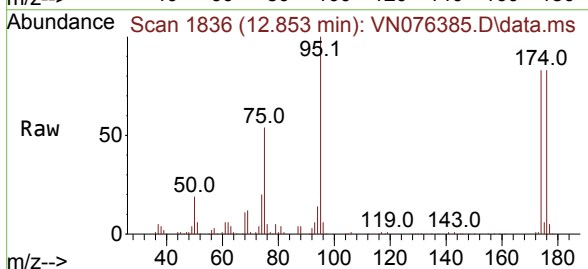
Instrument :
 MSVOA_N
 ClientSampleId :
 22-MW-3I

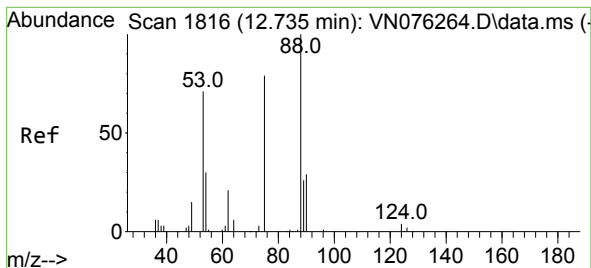
Tgt Ion:152 Resp: 200889
 Ion Ratio Lower Upper
 152 100
 115 59.6 29.6 88.9
 150 160.0 0.0 351.4



#76
 1,2,3-Trichloropropane
 Concen: 30.996 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN076385.D
 Acq: 24 Jan 2023 16:17

Tgt Ion: 75 Resp: 114755
 Ion Ratio Lower Upper
 75 100
 77 1.0 75.2 225.6#

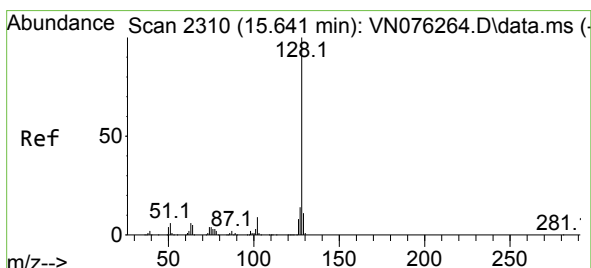
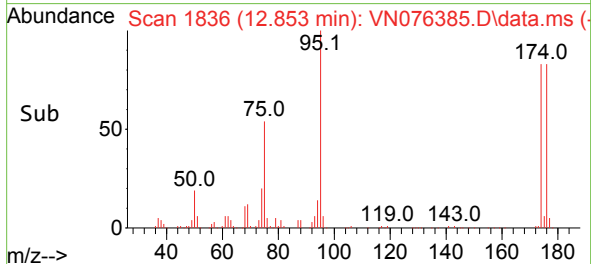
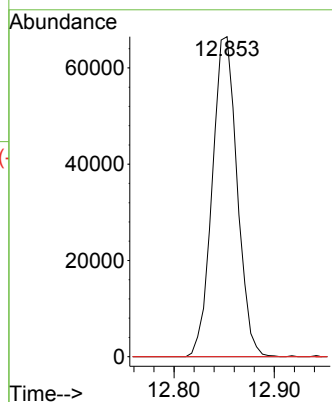
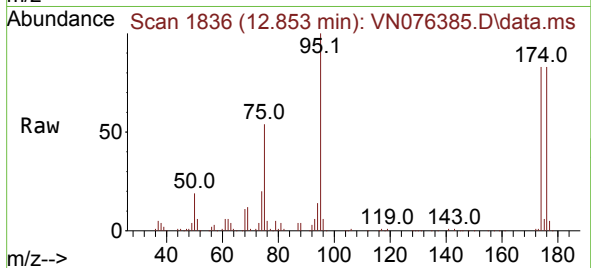




#81
trans-1,4-Dichloro-2-butene
Concen: 95.044 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN076385.D
Acq: 24 Jan 2023 16:17

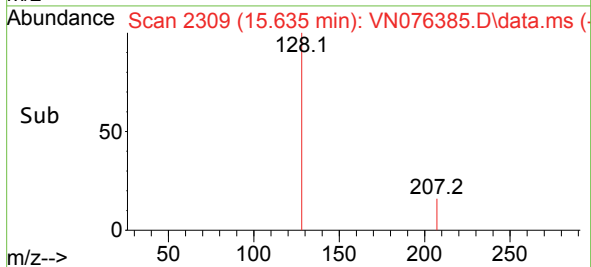
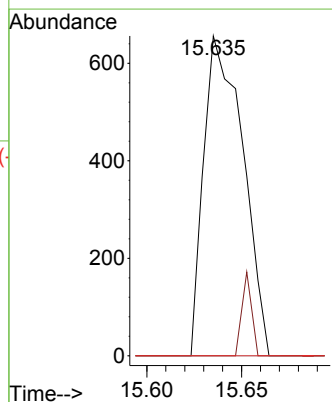
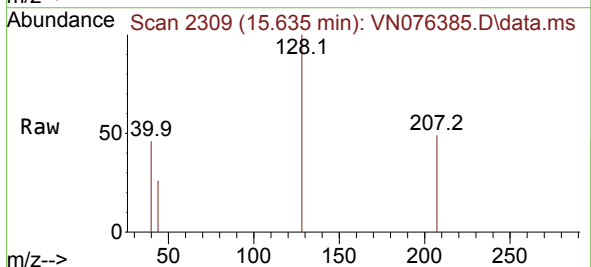
Instrument :
MSVOA_N
ClientSampleId :
22-MW-3I

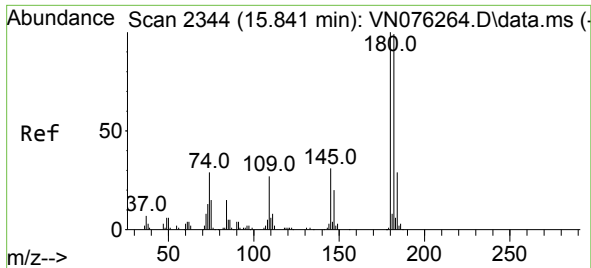
Tgt Ion: 75 Resp: 114755
Ion Ratio Lower Upper
75 100
53 0.0 75.8 113.8#
89 0.0 37.0 55.6#



#95
Naphthalene
Concen: 1.926 ug/l
RT: 15.635 min Scan# 2309
Delta R.T. -0.006 min
Lab File: VN076385.D
Acq: 24 Jan 2023 16:17

Tgt Ion:128 Resp: 940
Ion Ratio Lower Upper
128 100
127 6.5 10.3 15.5#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.177 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN076385.D
 Acq: 24 Jan 2023 16:17

Instrument :
 MSVOA_N
 ClientSampleId :
 22-MW-3I

Tgt Ion:180 Resp: 78
 Ion Ratio Lower Upper
 180 100
 182 88.5 47.5 142.5
 145 0.0 15.9 47.6#

