

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN0756700.D
 Acq On : 10 Dec 2022 09:09
 Operator : JC\MD
 Sample : N5989-18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 12 04:58:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 03:01:58 2022
 Response via : Initial Calibration

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

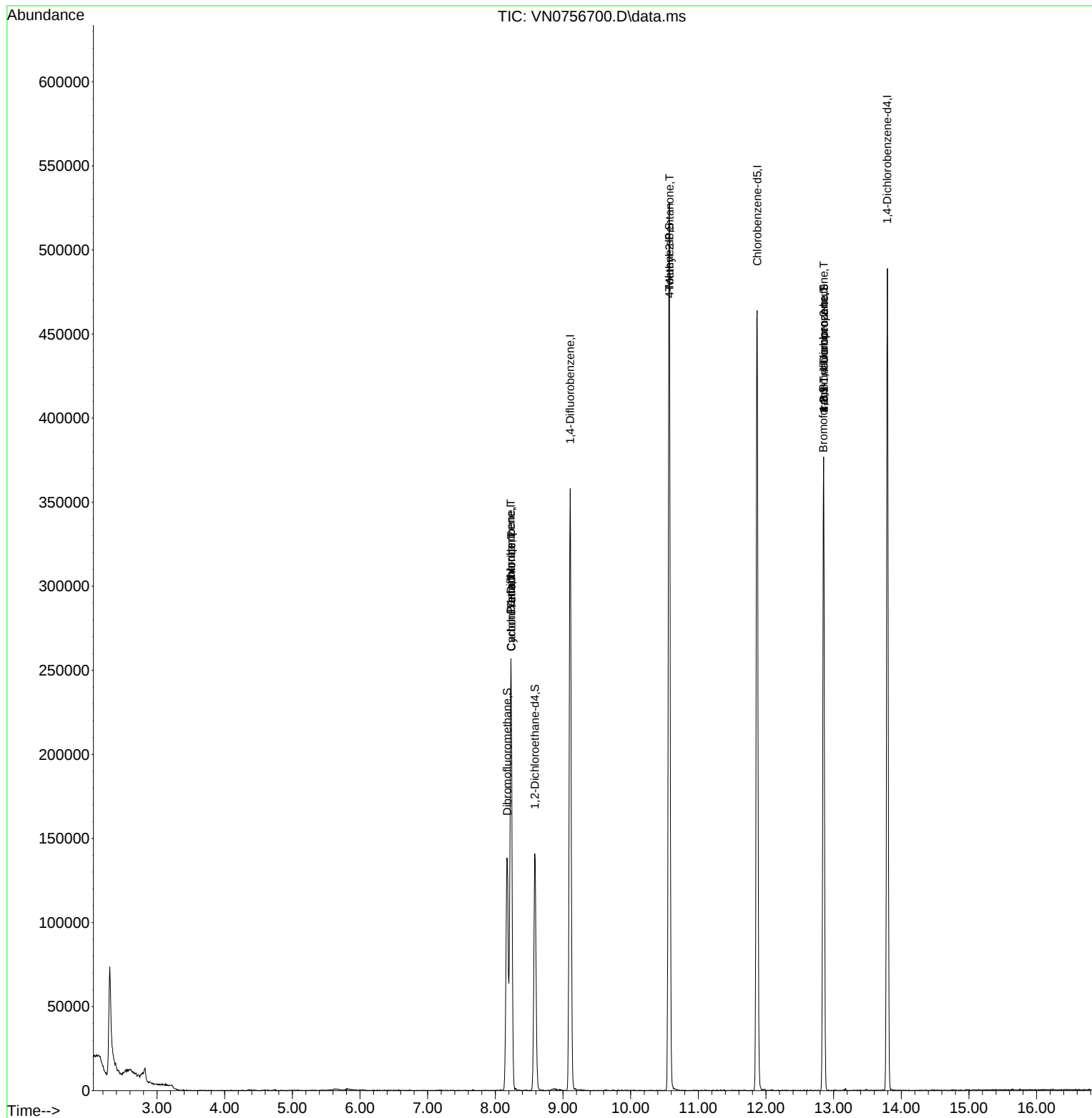
Internal Standards						
1) Pentafluorobenzene	8.230	168	196077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	329607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	298229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	140463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	113882	54.740	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.480%	
35) Dibromofluoromethane	8.177	113	100784	50.117	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.240%	
50) Toluene-d8	10.571	98	381378	50.499	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.000%	
62) 4-Bromofluorobenzene	12.853	95	125382	48.558	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.120%	
Target Compounds						
					Qvalue	
31) Cyclohexane	8.235	56	3812	1.238	ug/l #	25
36) 1,1-Dichloropropene	8.230	75	13679	5.123	ug/l #	48
38) Carbon Tetrachloride	8.235	117	20318	6.594	ug/l #	16
51) 4-Methyl-2-Pentanone	10.576	43	1245	0.564	ug/l #	1
71) Bromoform	12.847	173	778	0.460	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	64094	22.722	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	64094	72.738	ug/l #	13

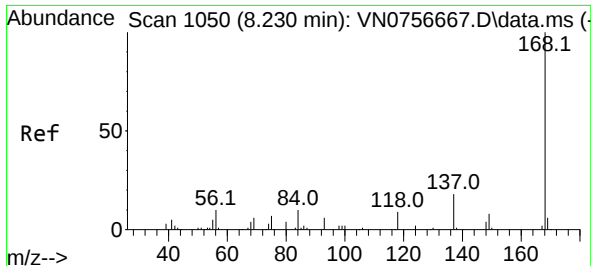
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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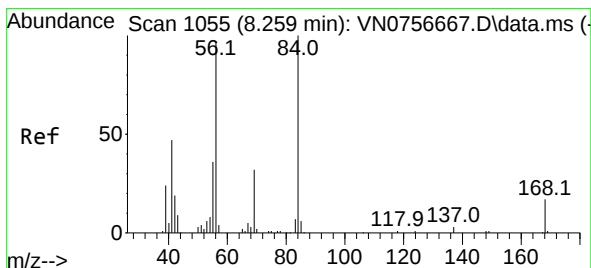
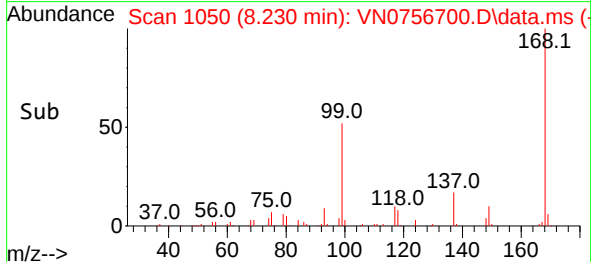
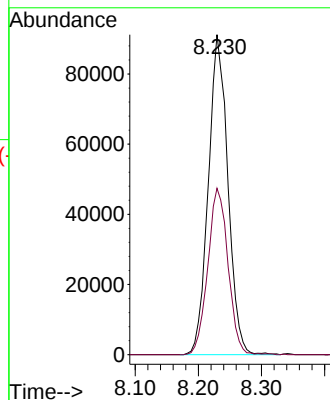
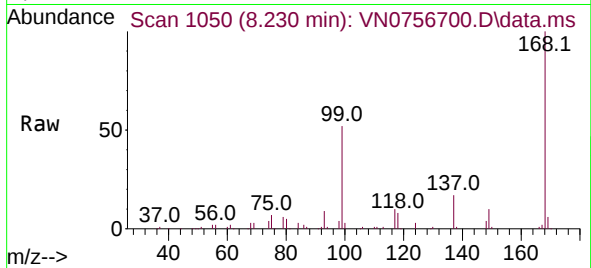




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN0756700.D
Acq: 10 Dec 2022 09:09

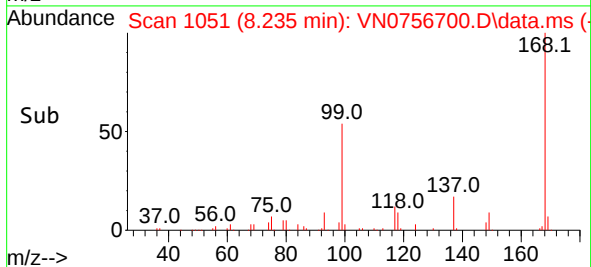
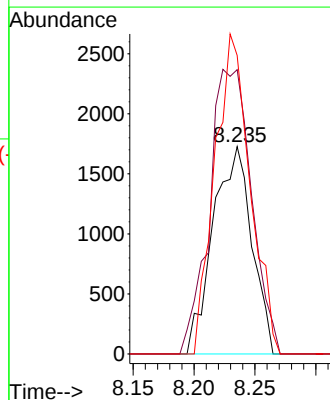
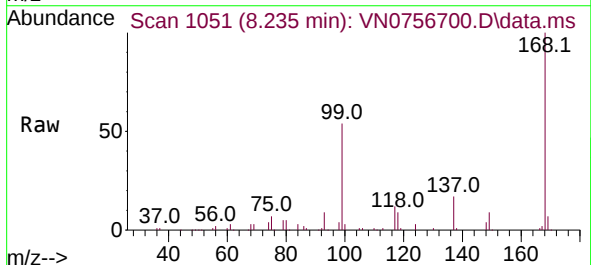
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MSVOA_N
ClientSampleId :

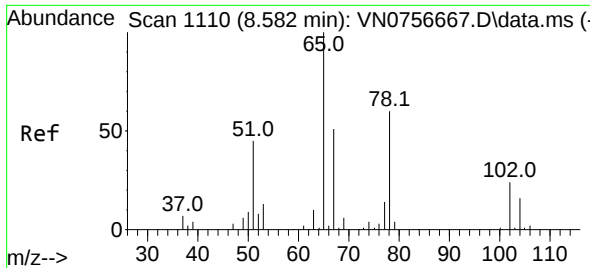
Tgt Ion:168 Resp: 196077
Ion Ratio Lower Upper
168 100
99 52.0 41.2 61.8



#31
Cyclohexane
Concen: 1.238 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.024 min
Lab File: VN0756700.D
Acq: 10 Dec 2022 09:09

Tgt Ion: 56 Resp: 3812
Ion Ratio Lower Upper
56 100
69 137.1 26.2 39.2#
84 143.9 82.8 124.2#

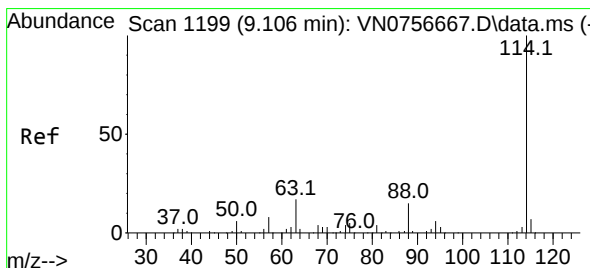
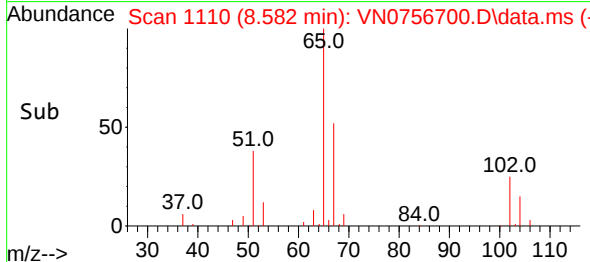
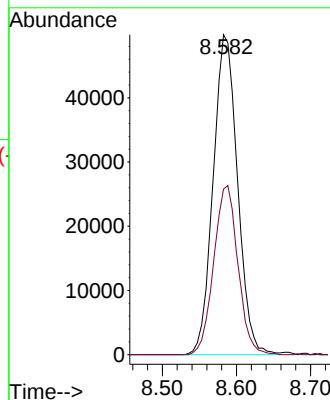
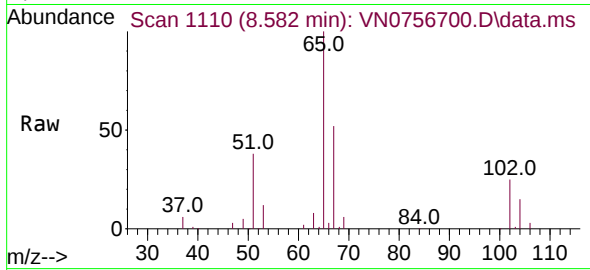




#33
 1,2-Dichloroethane-d4
 Concen: 54.740 ug/l
 RT: 8.582 min Scan# 1110
 Delta R.T. 0.000 min
 Lab File: VN0756700.D
 Acq: 10 Dec 2022 09:09

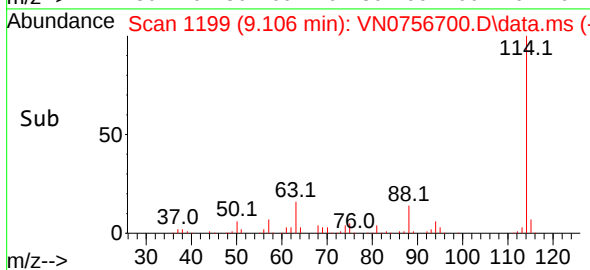
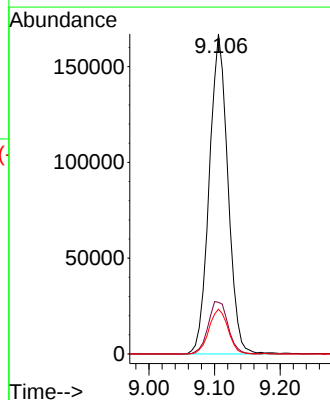
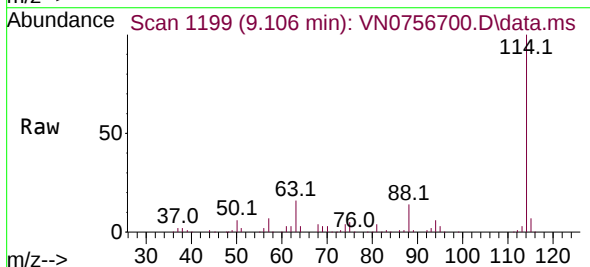
Instrument :
 MSVOA_N
 ClientSampleId :

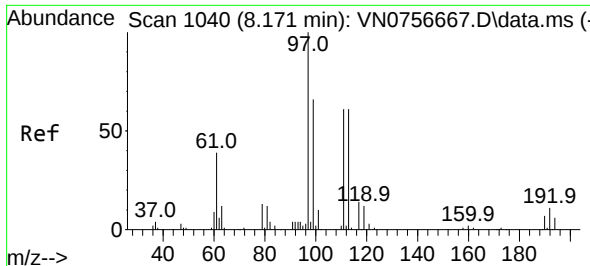
Tgt Ion: 65 Resp: 113882
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. 0.000 min
 Lab File: VN0756700.D
 Acq: 10 Dec 2022 09:09

Tgt Ion: 114 Resp: 329607
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 34.4
 88 14.0 0.0 29.2

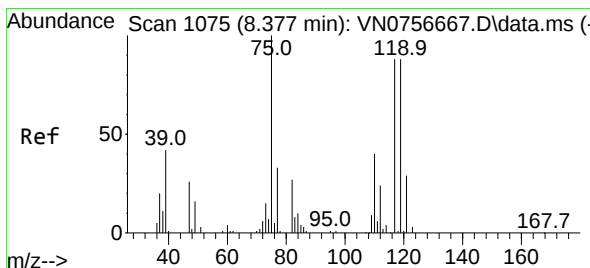
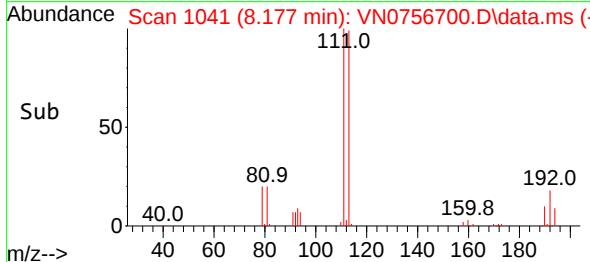
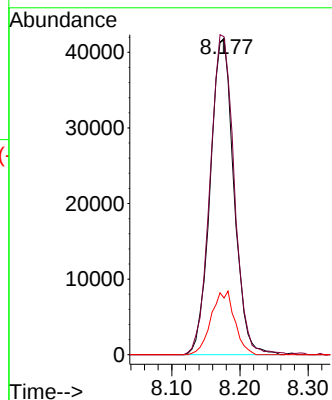
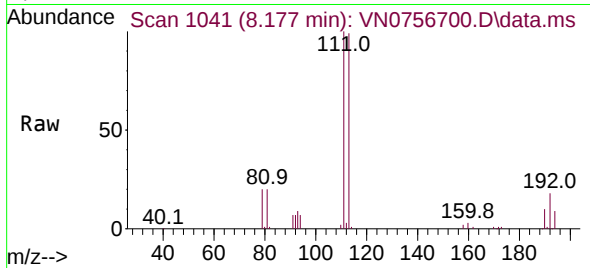




#35
 Dibromofluoromethane
 Concen: 50.117 ug/l
 RT: 8.177 min Scan# 1041
 Delta R.T. 0.006 min
 Lab File: VN0756700.D
 Acq: 10 Dec 2022 09:09

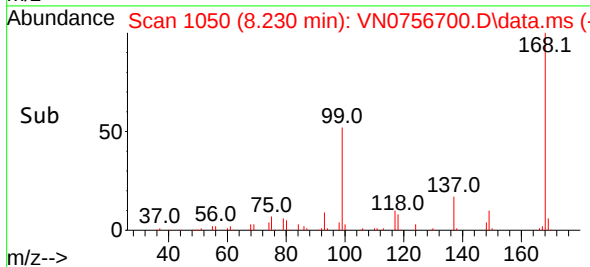
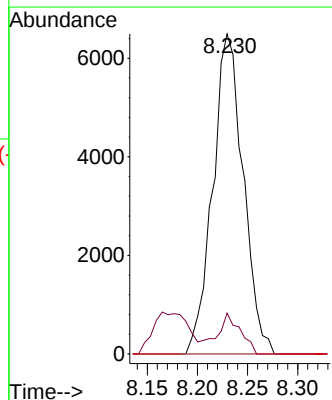
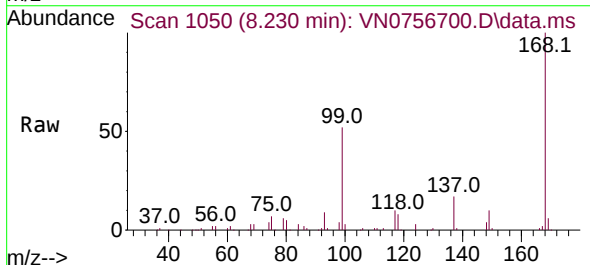
Instrument :
 MSVOA_N
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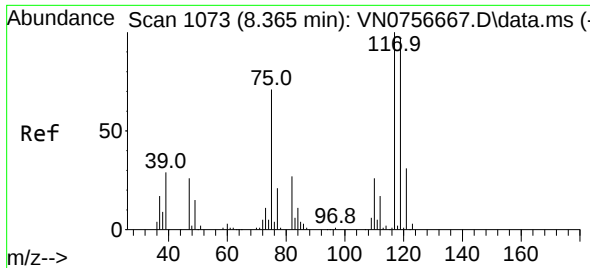
Tgt Ion:113 Resp: 100784
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.0 121.6
 192 20.0 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 5.123 ug/l
 RT: 8.230 min Scan# 1050
 Delta R.T. -0.147 min
 Lab File: VN0756700.D
 Acq: 10 Dec 2022 09:09

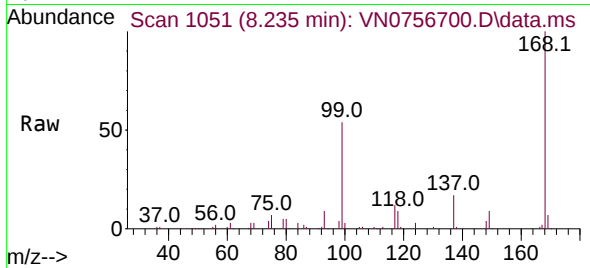
Tgt Ion: 75 Resp: 13679
 Ion Ratio Lower Upper
 75 100
 110 9.3 18.9 56.9#
 77 0.0 25.4 38.2#



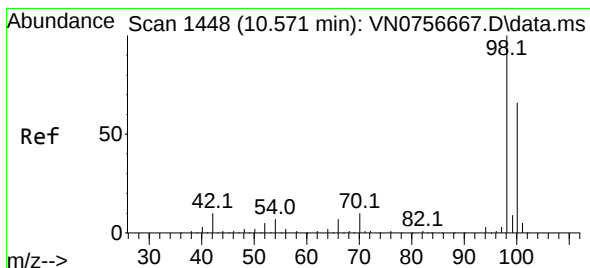
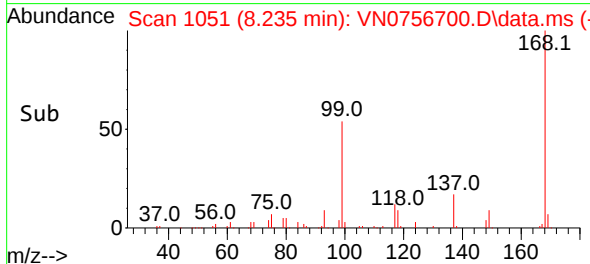
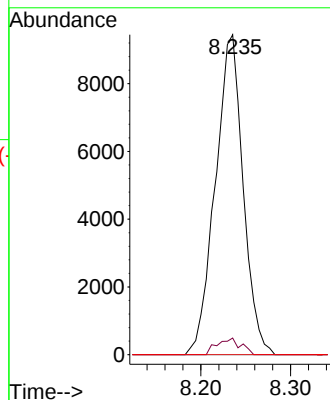


#38
Carbon Tetrachloride
Concen: 6.594 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.129 min
Lab File: VN0756700.D
Acq: 10 Dec 2022 09:09

Instrument :
MSVOA_N
ClientSampleId :

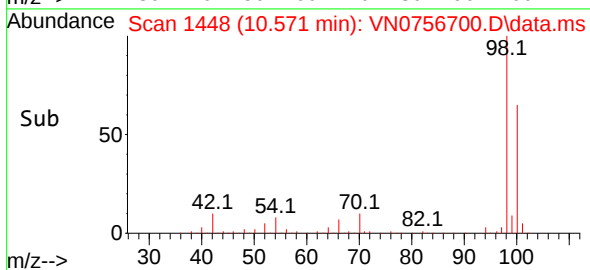
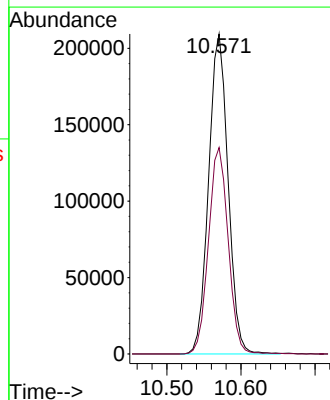
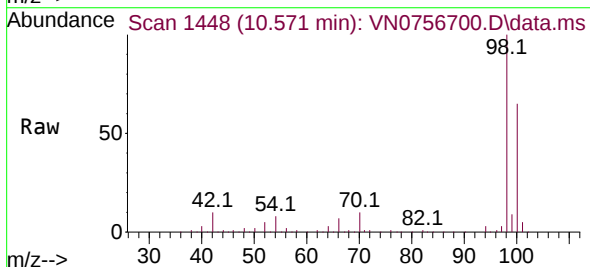


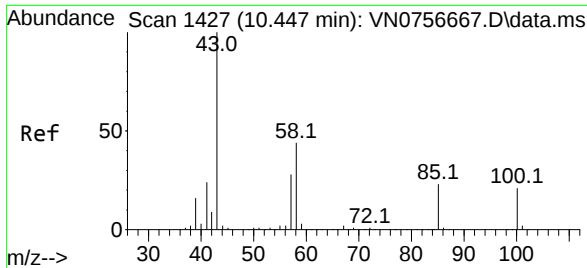
Tgt Ion:117 Resp: 20318
Ion Ratio Lower Upper
117 100
119 5.2 77.2 115.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 50.499 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN0756700.D
Acq: 10 Dec 2022 09:09

Tgt Ion: 98 Resp: 381378
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8

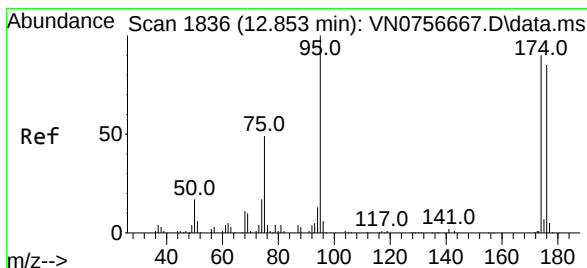
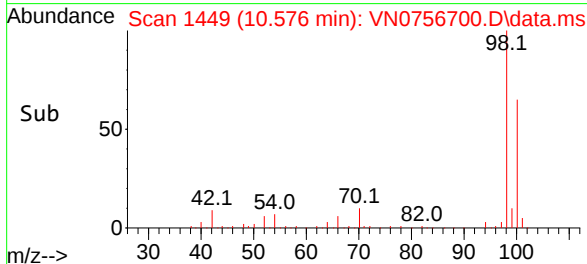
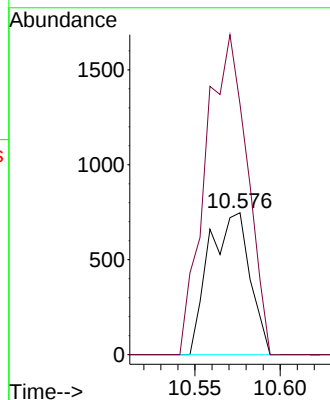
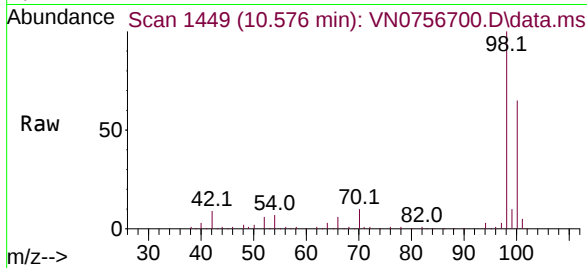




#51
 4-Methyl-2-Pentanone
 Concen: 0.564 ug/l
 RT: 10.576 min Scan# 1427
 Delta R.T. 0.129 min
 Lab File: VN0756700.D
 Acq: 10 Dec 2022 09:09

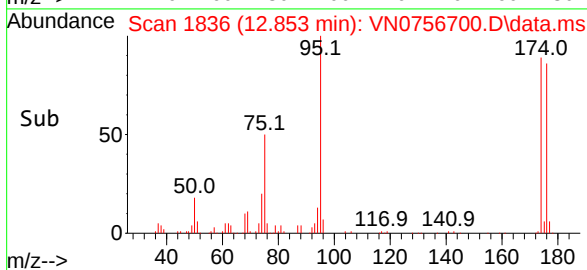
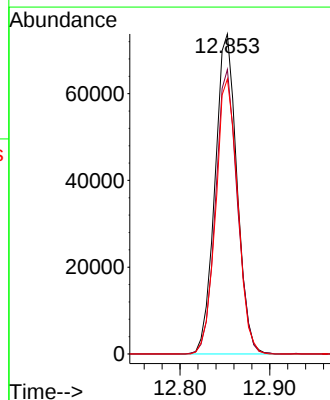
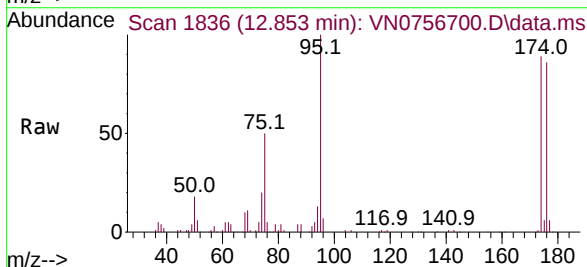
Instrument :
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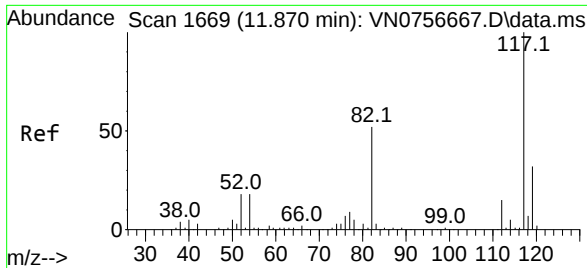
Tgt Ion: 43 Resp: 1245
 Ion Ratio Lower Upper
 43 100
 58 230.0 35.0 52.6#



#62
 4-Bromofluorobenzene
 Concen: 48.558 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. 0.000 min
 Lab File: VN0756700.D
 Acq: 10 Dec 2022 09:09

Tgt Ion: 95 Resp: 125382
 Ion Ratio Lower Upper
 95 100
 174 87.5 0.0 178.6
 176 85.7 0.0 170.8

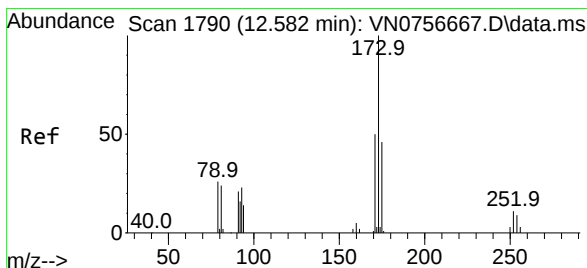
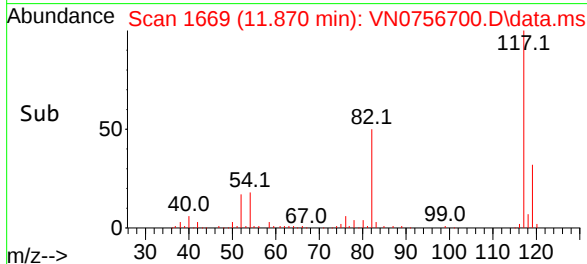
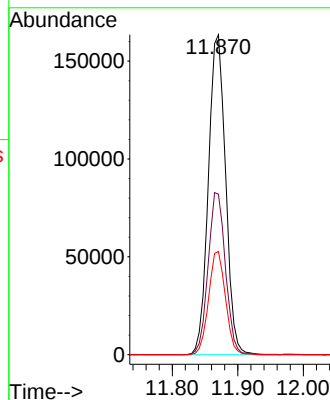
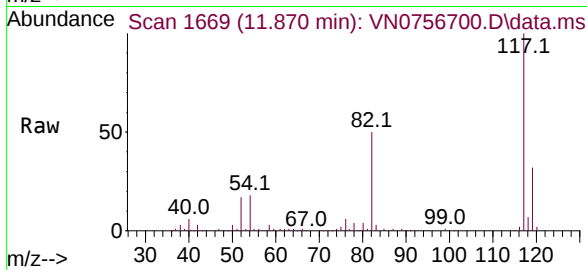




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN0756700.D
Acq: 10 Dec 2022 09:09

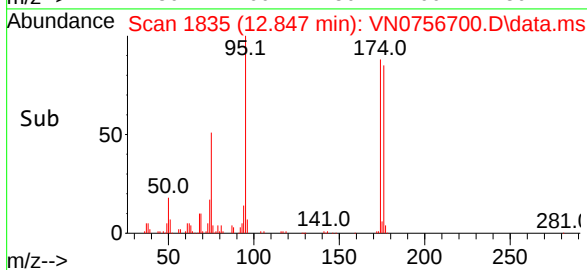
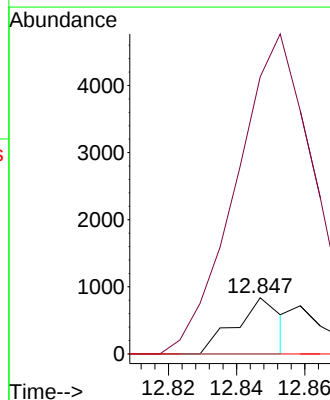
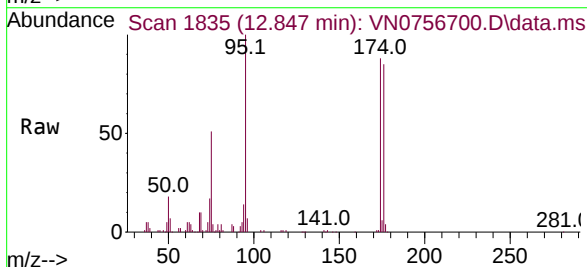
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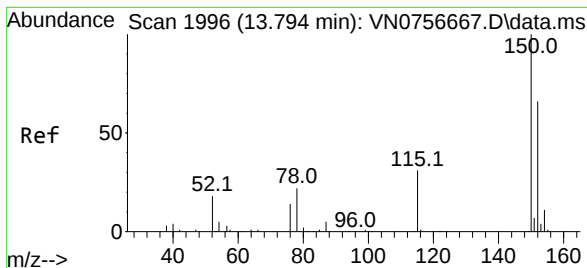
Tgt Ion:117 Resp: 298229
Ion Ratio Lower Upper
117 100
82 50.1 41.8 62.8
119 32.2 25.8 38.6



#71
Bromoform
Concen: 0.460 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN0756700.D
Acq: 10 Dec 2022 09:09

Tgt Ion:173 Resp: 778
Ion Ratio Lower Upper
173 100
175 810.5 23.8 71.2#
254 0.0 0.0 0.0

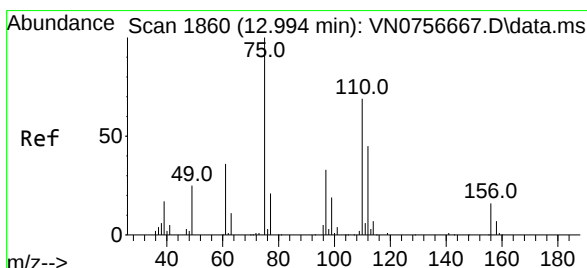
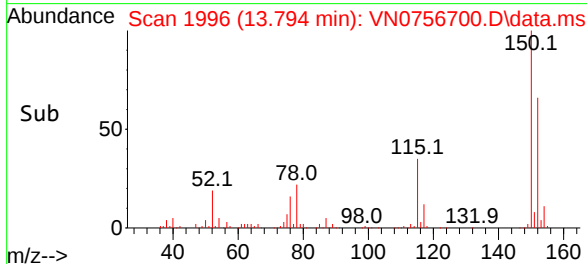
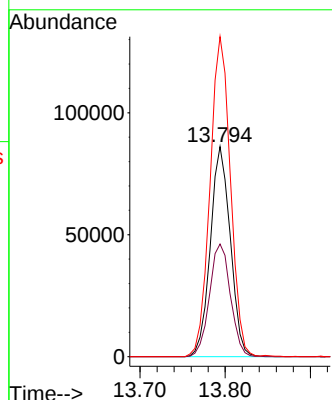
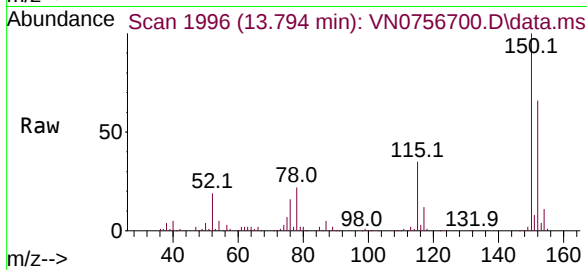




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN0756700.D
 Acq: 10 Dec 2022 09:09

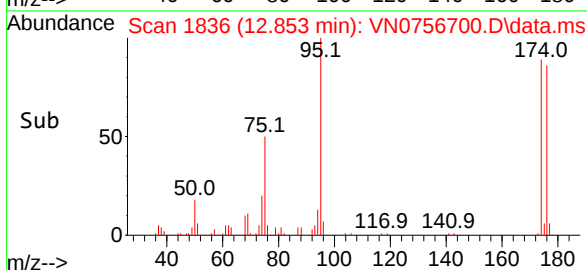
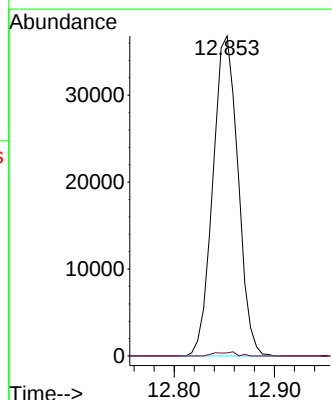
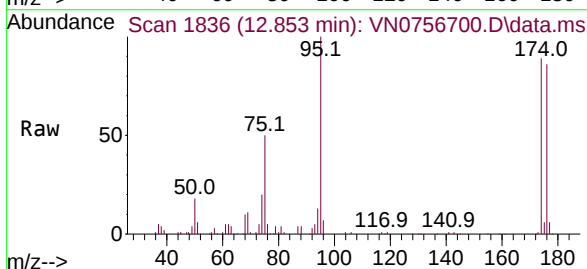
Instrument :
 MSVOA_N
 ClientSampleId :

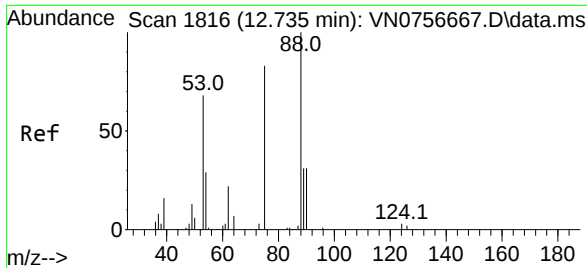
Tgt Ion:152 Resp: 140463
 Ion Ratio Lower Upper
 152 100
 115 56.2 28.4 85.2
 150 155.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 22.722 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN0756700.D
 Acq: 10 Dec 2022 09:09

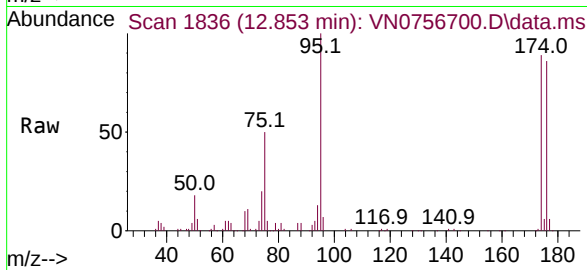
Tgt Ion: 75 Resp: 64094
 Ion Ratio Lower Upper
 75 100
 77 1.0 81.8 245.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.738 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. 0.118 min
 Lab File: VN0756700.D
 Acq: 10 Dec 2022 09:09

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 64094
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.4 108.6#
 89 0.0 36.6 55.0#

