

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN0756697.D
 Acq On : 10 Dec 2022 07:57
 Operator : JC\MD
 Sample : N5989-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 12 04:57:20 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)

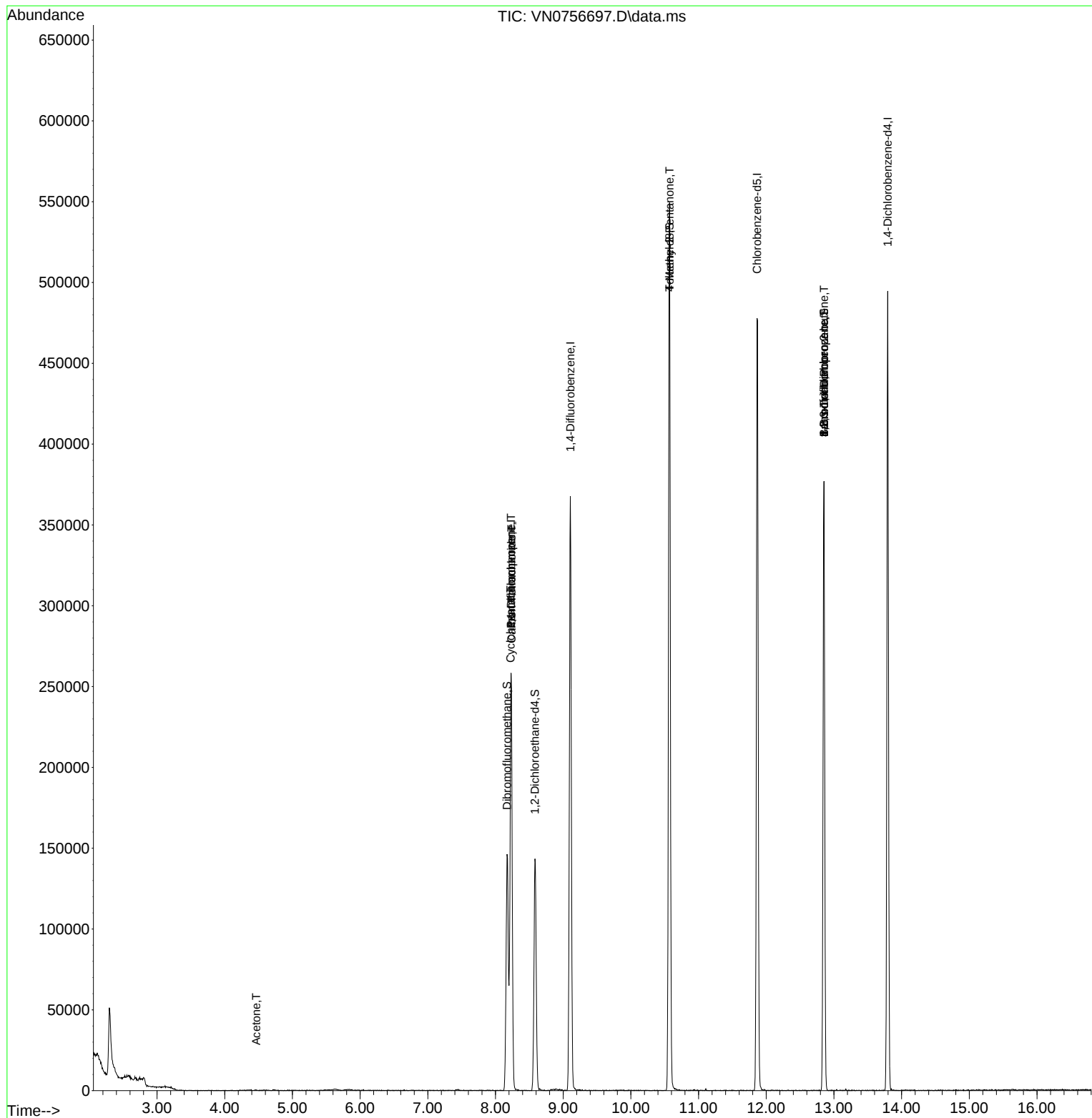
Internal Standards						
1) Pentafluorobenzene	8.230	168	201703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	343902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	305074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	139540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	115481	53.960	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.920%	
35) Dibromofluoromethane	8.171	113	102975	49.078	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.160%	
50) Toluene-d8	10.571	98	399316	50.677	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.360%	
62) 4-Bromofluorobenzene	12.853	95	126847	47.083	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.160%	
Target Compounds						
					Qvalue	
16) Acetone	4.465	43	826	1.140	ug/l #	41
31) Cyclohexane	8.224	56	3787	1.195	ug/l #	36
36) 1,1-Dichloropropene	8.230	75	14321	5.140	ug/l #	47
38) Carbon Tetrachloride	8.235	117	19798	6.158	ug/l #	16
51) 4-Methyl-2-Pentanone	10.571	43	1480	0.643	ug/l #	1
71) Bromoform	12.853	173	1094	0.632	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	63497	22.659	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	63497	72.545	ug/l #	13

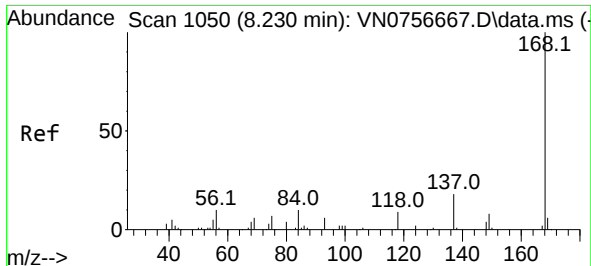
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

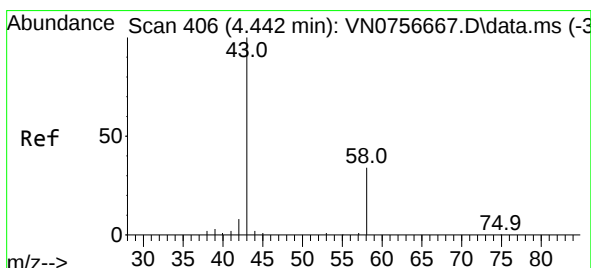
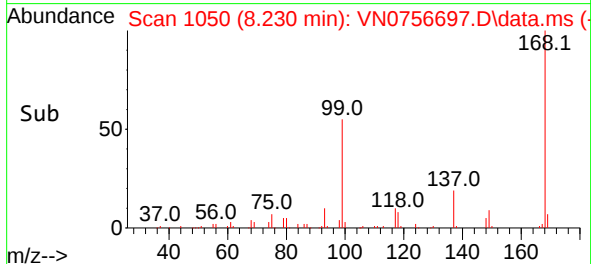
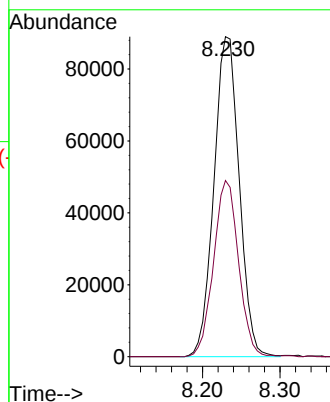
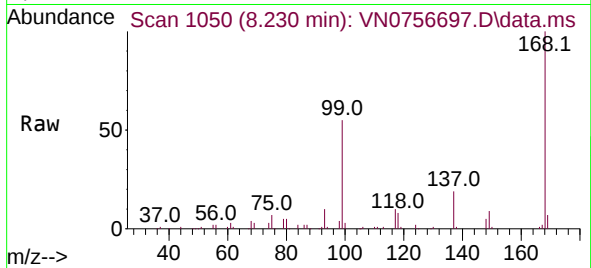




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN0756697.D
Acq: 10 Dec 2022 07:57

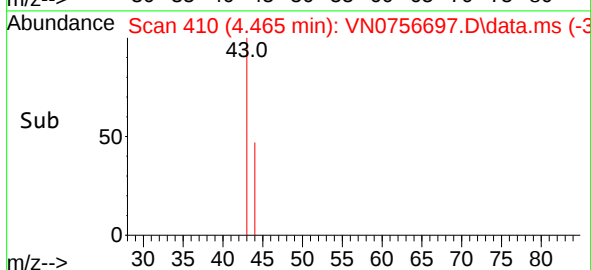
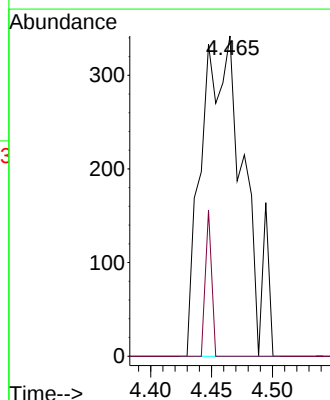
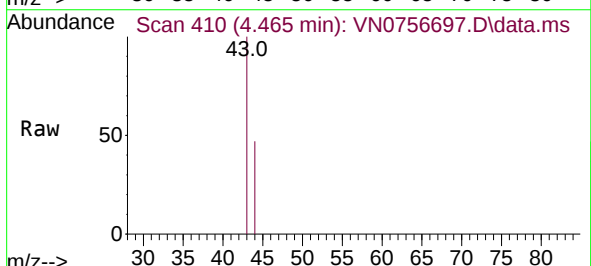
Instrument :
MSVOA_N
ClientSampleId :

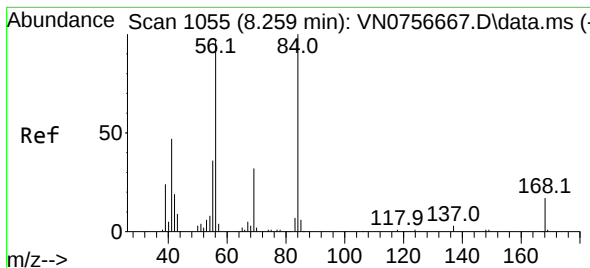
Tgt Ion:168 Resp: 201703
Ion Ratio Lower Upper
168 100
99 55.0 41.2 61.8



#16
Acetone
Concen: 1.140 ug/l
RT: 4.465 min Scan# 410
Delta R.T. 0.024 min
Lab File: VN0756697.D
Acq: 10 Dec 2022 07:57

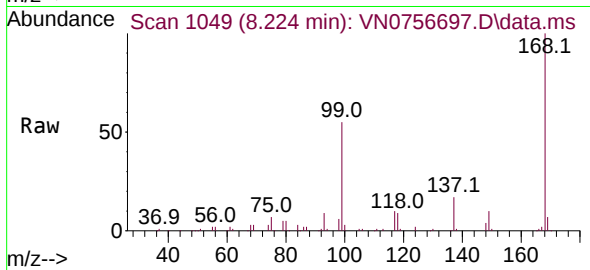
Tgt Ion: 43 Resp: 826
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.4#



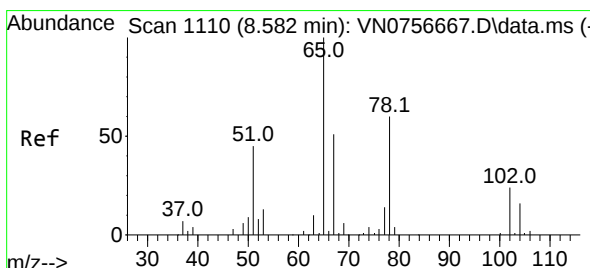
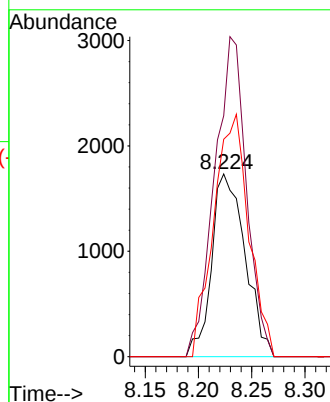
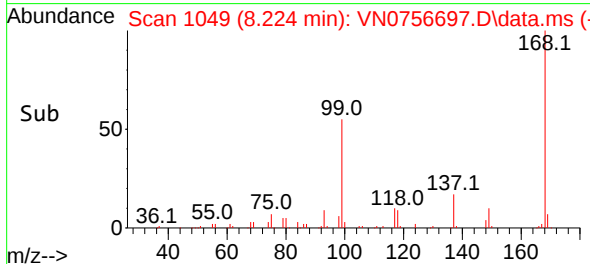


#31
Cyclohexane
Concen: 1.195 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN0756697.D
Acq: 10 Dec 2022 07:57

Instrument :
MSVOA_N
ClientSampleId :

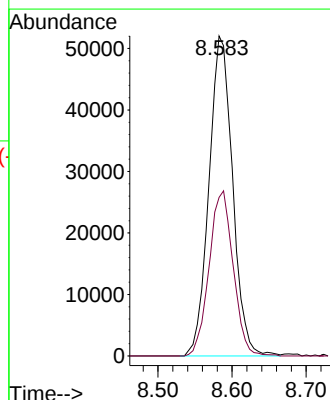
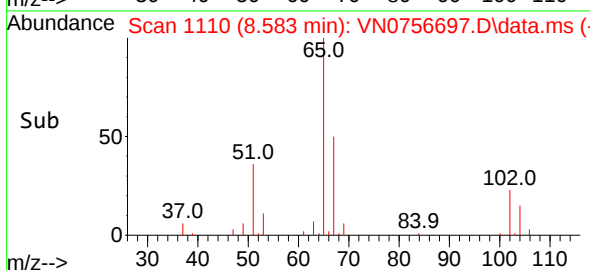
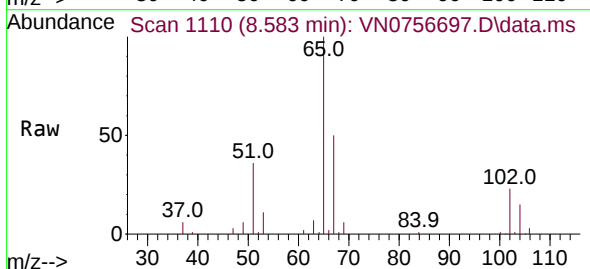


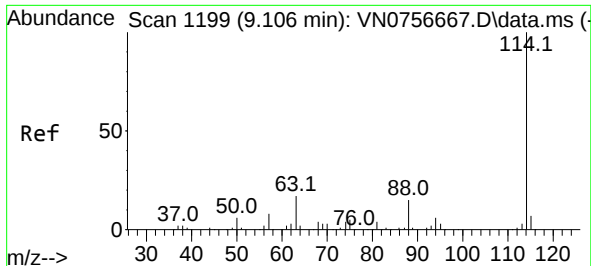
Tgt Ion: 56 Resp: 3787
Ion Ratio Lower Upper
56 100
69 131.8 26.2 39.2#
84 132.1 82.8 124.2#



#33
1,2-Dichloroethane-d4
Concen: 53.960 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN0756697.D
Acq: 10 Dec 2022 07:57

Tgt Ion: 65 Resp: 115481
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.2

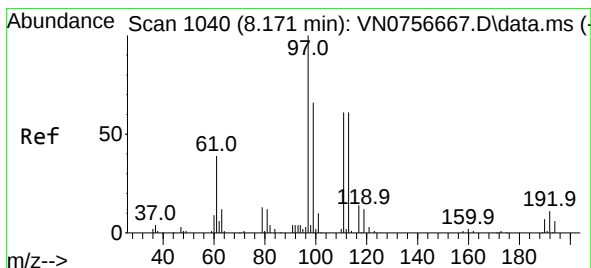
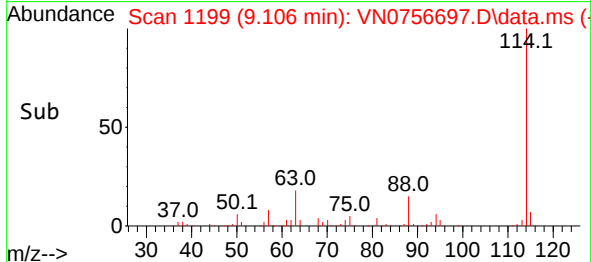
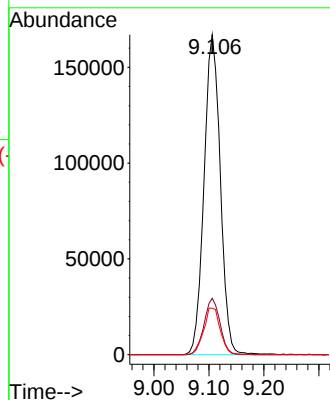
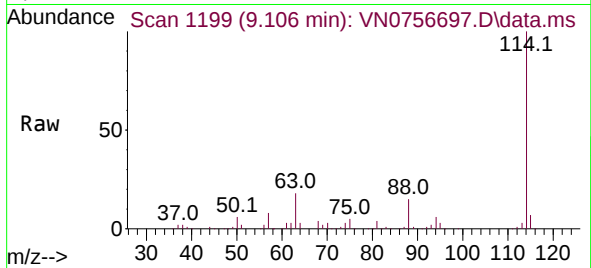




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN0756697.D
Acq: 10 Dec 2022 07:57

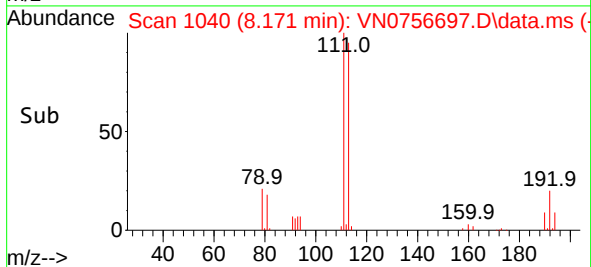
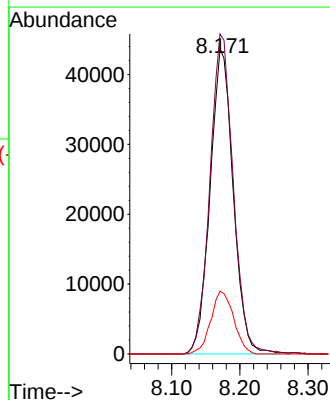
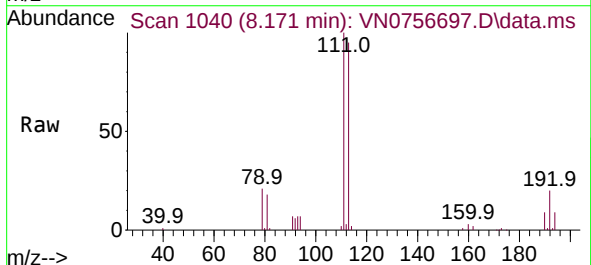
Instrument :
MSVOA_N
ClientSampleId :

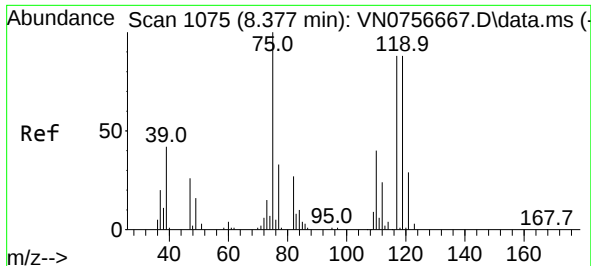
Tgt Ion:114 Resp: 343902
Ion Ratio Lower Upper
114 100
63 17.6 0.0 34.4
88 14.5 0.0 29.2



#35
Dibromofluoromethane
Concen: 49.078 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN0756697.D
Acq: 10 Dec 2022 07:57

Tgt Ion:113 Resp: 102975
Ion Ratio Lower Upper
113 100
111 105.8 81.0 121.6
192 20.4 16.2 24.2

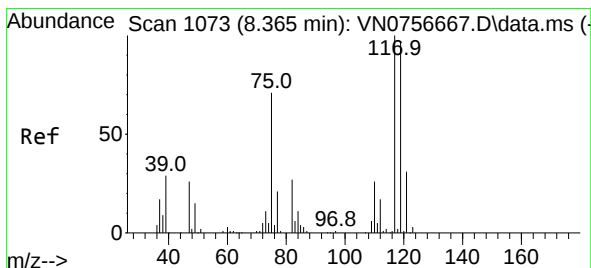
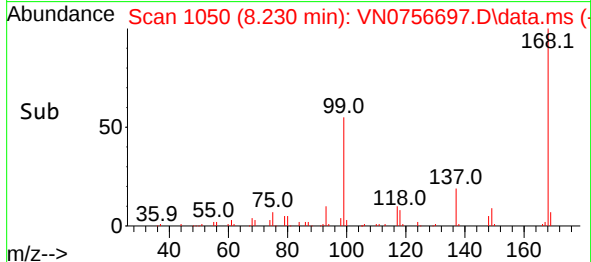
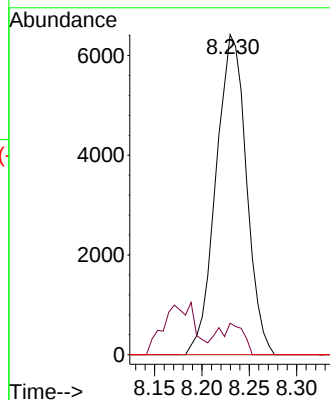
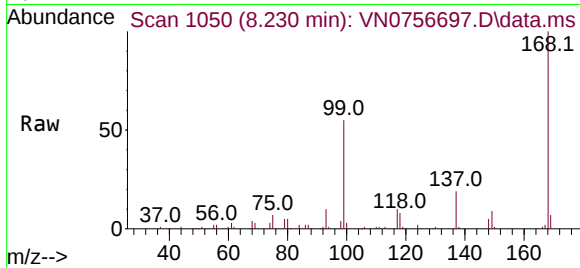




#36
 1,1-Dichloropropene
 Concen: 5.140 ug/l
 RT: 8.230 min Scan# 1050
 Delta R.T. -0.147 min
 Lab File: VN0756697.D
 Acq: 10 Dec 2022 07:57

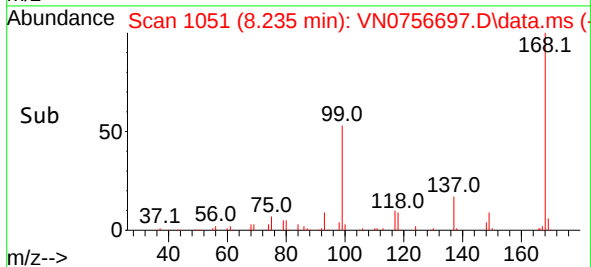
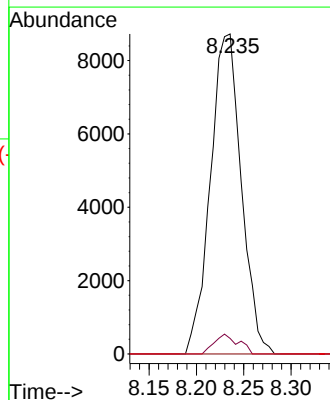
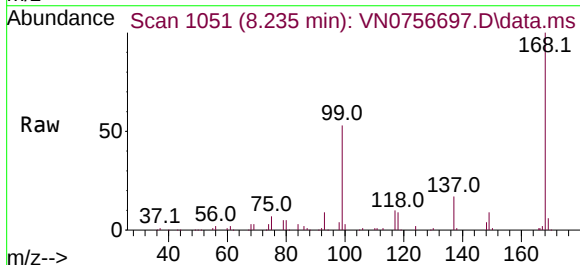
Instrument :
 MSVOA_N
 ClientSampleId :

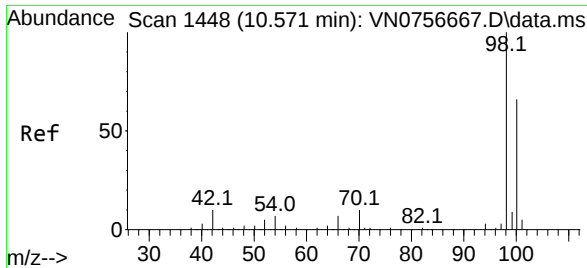
Tgt Ion: 75 Resp: 14321
 Ion Ratio Lower Upper
 75 100
 110 8.2 18.9 56.9#
 77 0.0 25.4 38.2#



#38
 Carbon Tetrachloride
 Concen: 6.158 ug/l
 RT: 8.235 min Scan# 1051
 Delta R.T. -0.129 min
 Lab File: VN0756697.D
 Acq: 10 Dec 2022 07:57

Tgt Ion: 117 Resp: 19798
 Ion Ratio Lower Upper
 117 100
 119 4.9 77.2 115.8#
 121 0.0 24.6 37.0#

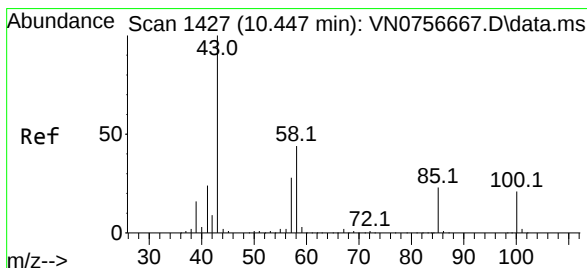
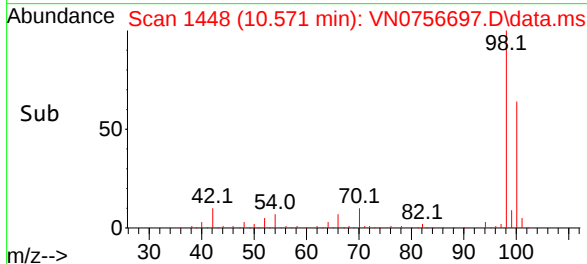
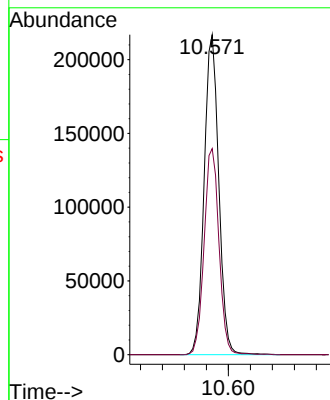
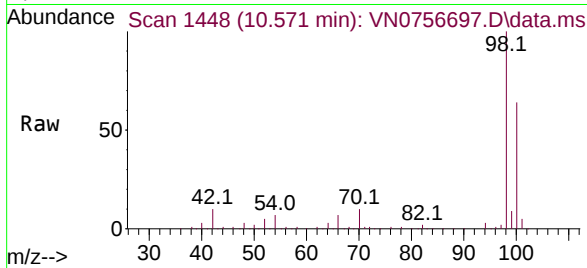




#50
Toluene-d8
Concen: 50.677 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN0756697.D
Acq: 10 Dec 2022 07:57

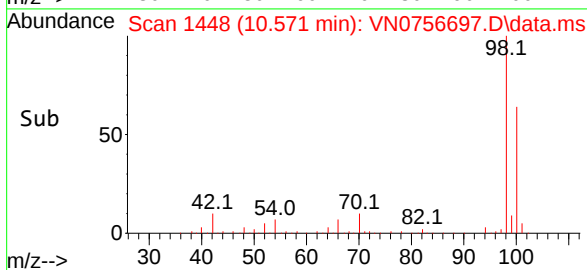
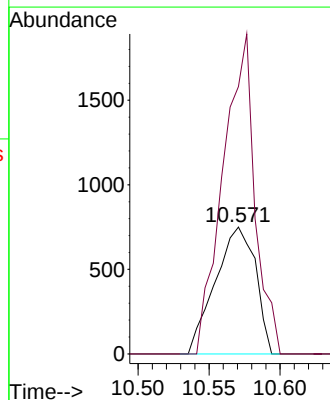
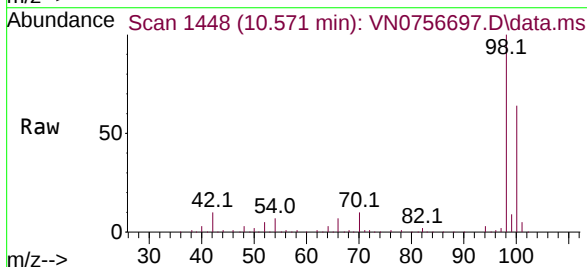
Instrument :
MSVOA_N
ClientSampleId :

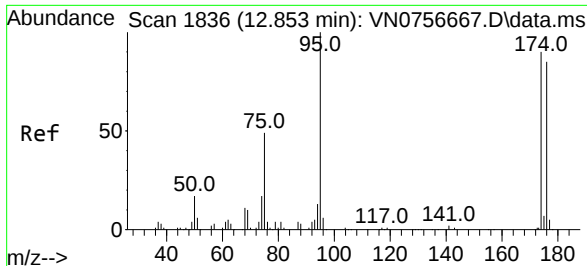
Tgt Ion: 98 Resp: 399316
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.643 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.124 min
Lab File: VN0756697.D
Acq: 10 Dec 2022 07:57

Tgt Ion: 43 Resp: 1480
Ion Ratio Lower Upper
43 100
58 200.1 35.0 52.6#





#62

4-Bromofluorobenzene

Concen: 47.083 ug/l

RT: 12.853 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN0756697.D

Acq: 10 Dec 2022 07:57

Instrument :

MSVOA_N

ClientSampleId :

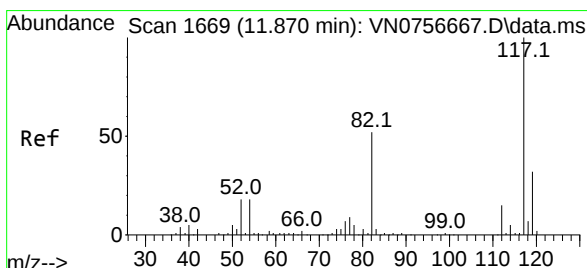
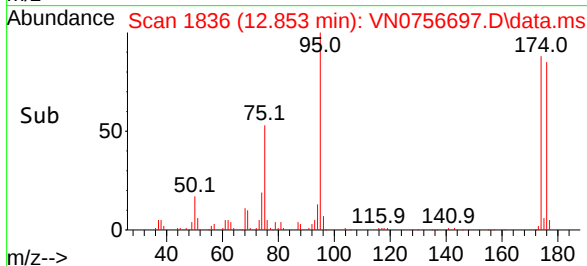
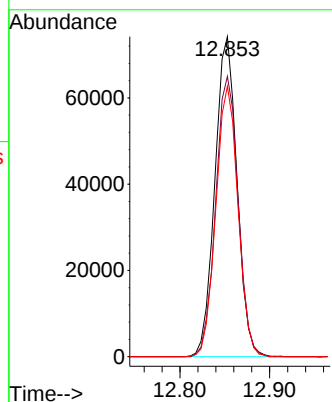
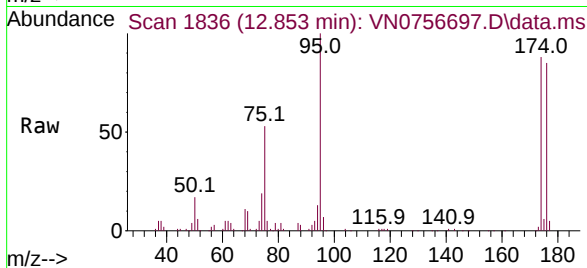
Tgt Ion: 95 Resp: 126847

Ion Ratio Lower Upper

95 100

174 88.8 0.0 178.6

176 84.5 0.0 170.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1668

Delta R.T. -0.006 min

Lab File: VN0756697.D

Acq: 10 Dec 2022 07:57

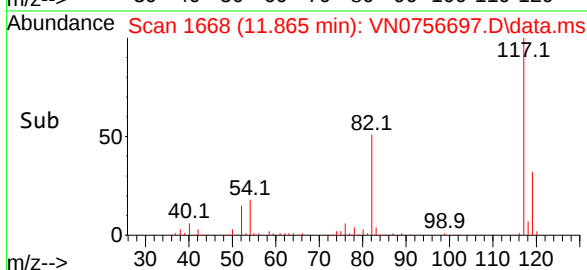
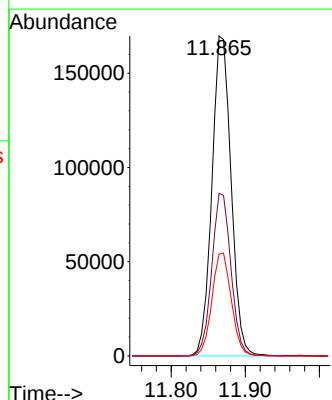
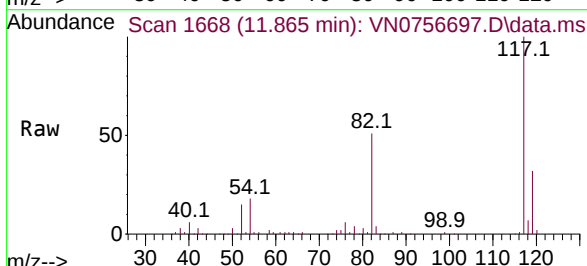
Tgt Ion: 117 Resp: 305074

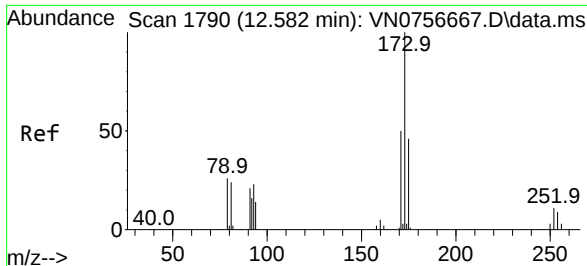
Ion Ratio Lower Upper

117 100

82 50.9 41.8 62.8

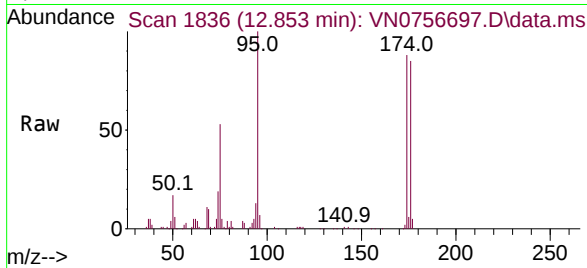
119 31.8 25.8 38.6



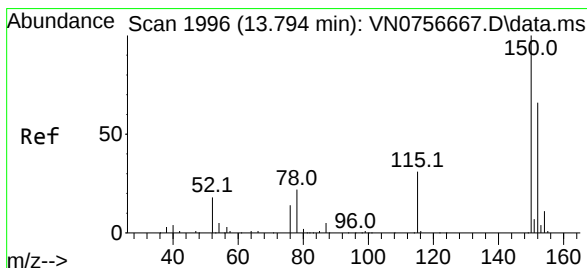
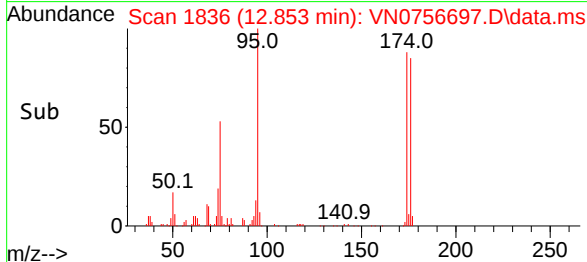
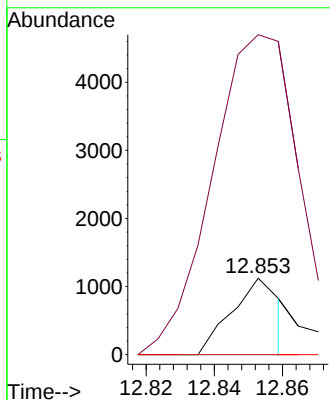


#71
Bromoform
Concen: 0.632 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN0756697.D
Acq: 10 Dec 2022 07:57

Instrument :
MSVOA_N
ClientSampleId :

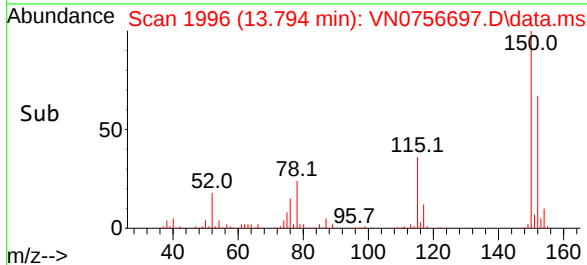
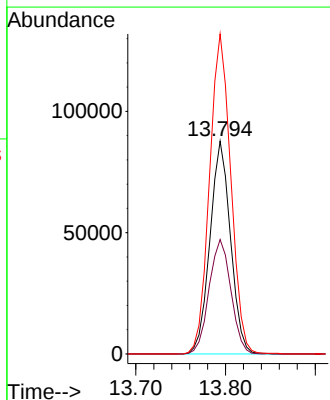
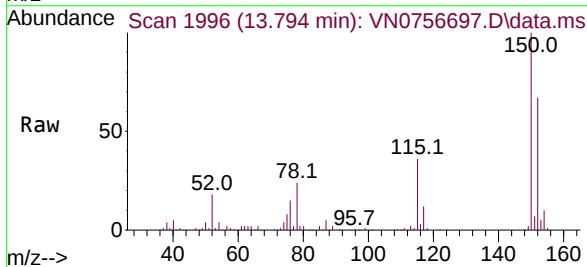


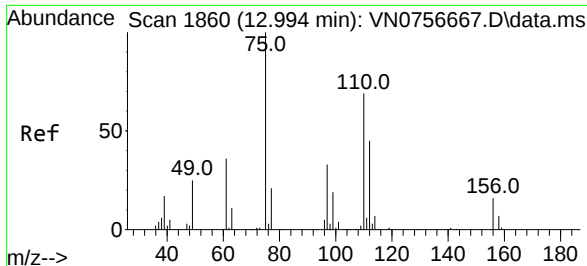
Tgt Ion:173 Resp: 1094
Ion Ratio Lower Upper
173 100
175 622.5 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN0756697.D
Acq: 10 Dec 2022 07:57

Tgt Ion:152 Resp: 139540
Ion Ratio Lower Upper
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115 57.0 28.4 85.2
150 155.4 0.0 347.6

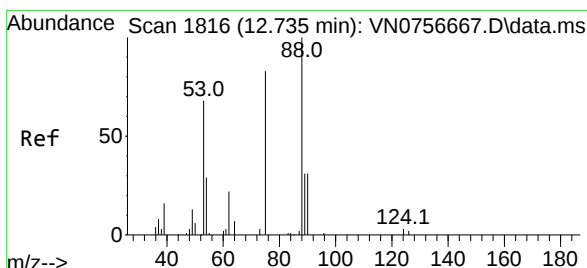
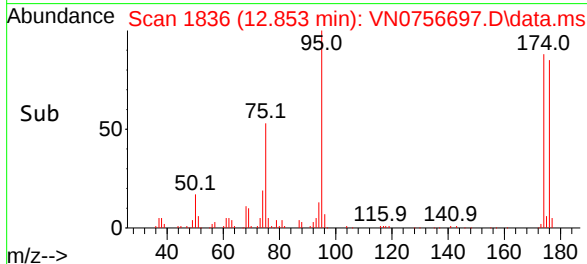
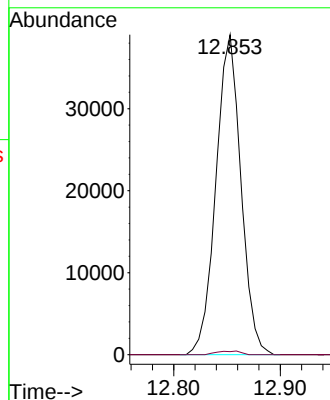
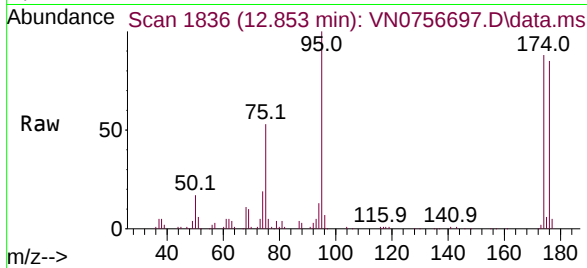




#76
1,2,3-Trichloropropane
Concen: 22.659 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN0756697.D
Acq: 10 Dec 2022 07:57

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 63497
Ion Ratio Lower Upper
75 100
77 1.1 81.8 245.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.545 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN0756697.D
Acq: 10 Dec 2022 07:57

Tgt Ion: 75 Resp: 63497
Ion Ratio Lower Upper
75 100
53 0.0 72.4 108.6#
89 0.1 36.6 55.0#

