

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN0756690.D
 Acq On : 10 Dec 2022 05:10
 Operator : JC\MD
 Sample : N5989-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 12 04:26:34 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)

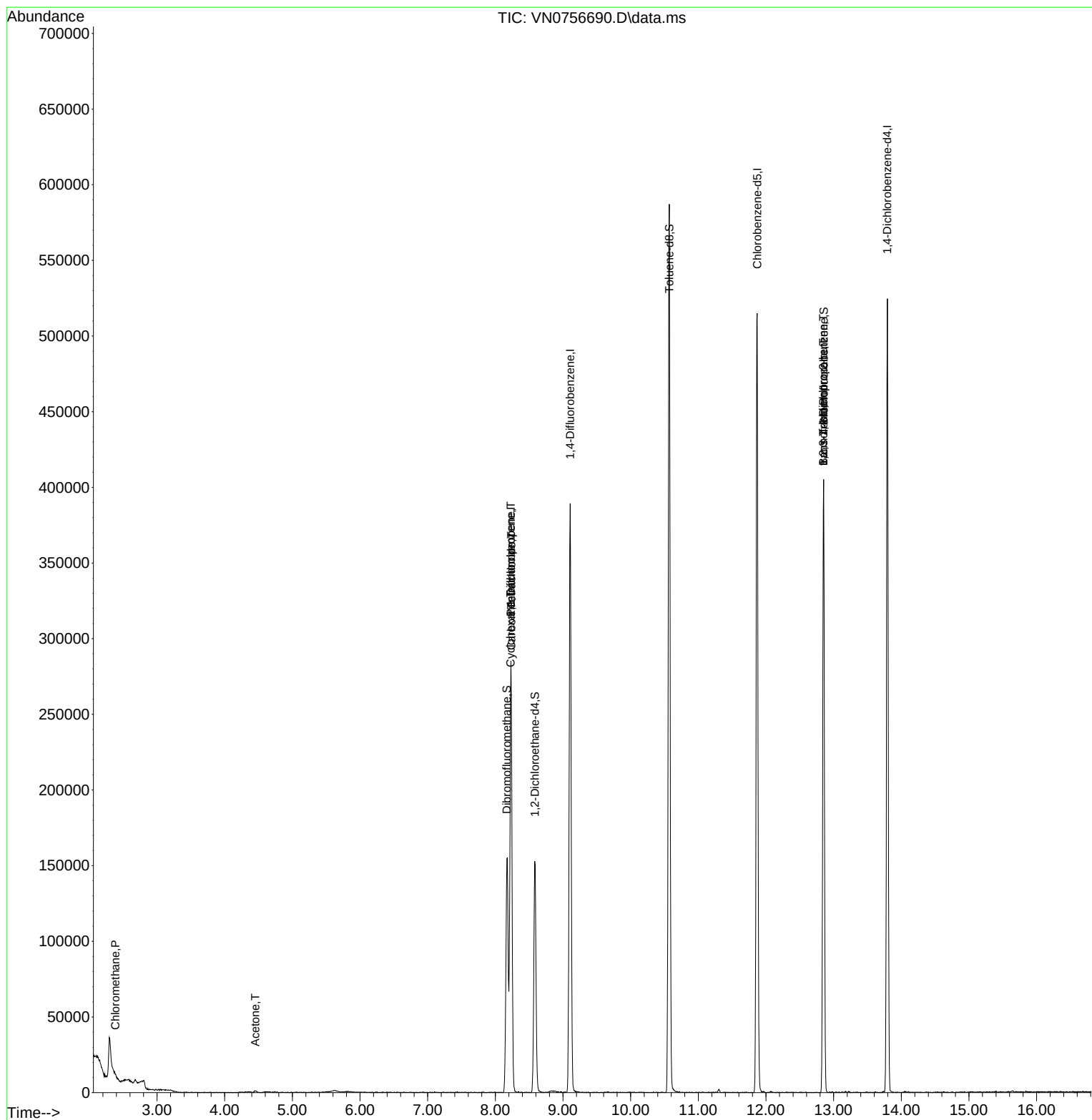
Internal Standards						
1) Pentafluorobenzene	8.230	168	215860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	363133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	327998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	150952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	124765	54.475	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.940%	
35) Dibromofluoromethane	8.171	113	111773	50.450	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.900%	
50) Toluene-d8	10.571	98	427071	51.329	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.660%	
62) 4-Bromofluorobenzene	12.853	95	139374	48.993	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.980%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.383	50	392	0.207	ug/l #	40
16) Acetone	4.454	43	2309	2.977	ug/l	91
31) Cyclohexane	8.224	56	3930	1.159	ug/l #	17
36) 1,1-Dichloropropene	8.230	75	15453	5.253	ug/l #	48
38) Carbon Tetrachloride	8.236	117	22142	6.522	ug/l #	15
71) Bromoform	12.847	173	970	0.521	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	69667	22.981	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	69667	73.538	ug/l #	13

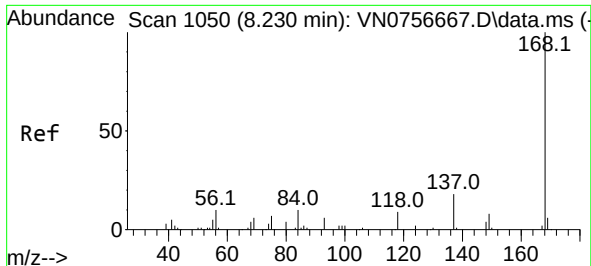
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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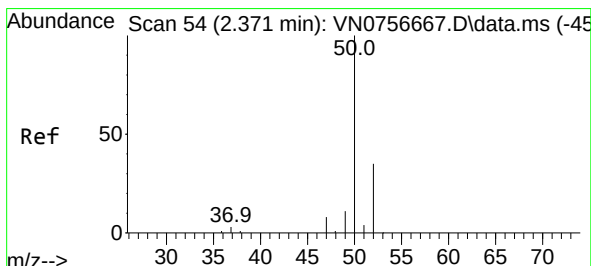
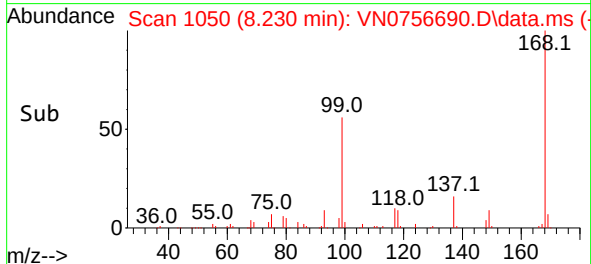
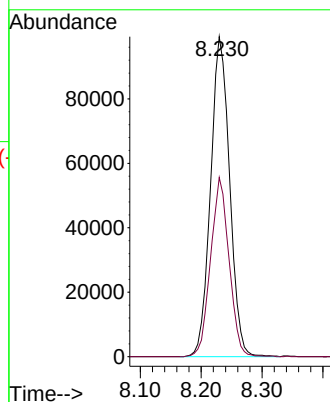
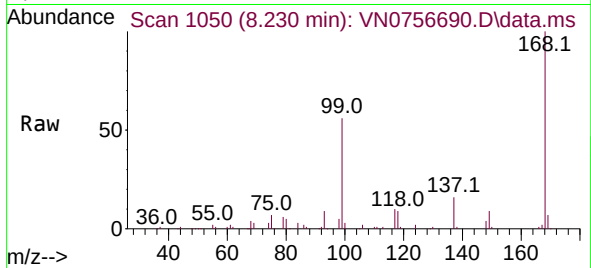




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN0756690.D
Acq: 10 Dec 2022 05:10

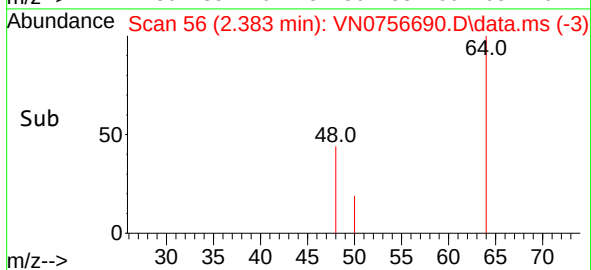
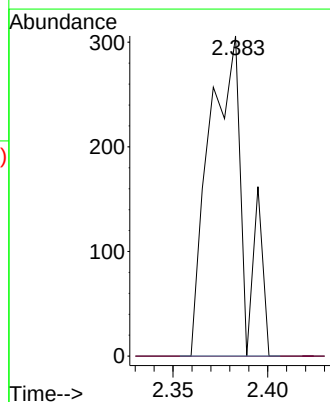
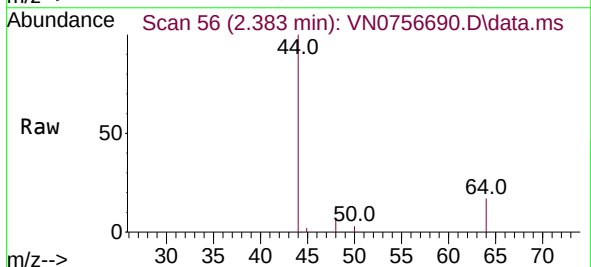
Instrument :
MSVOA_N
ClientSampleId :

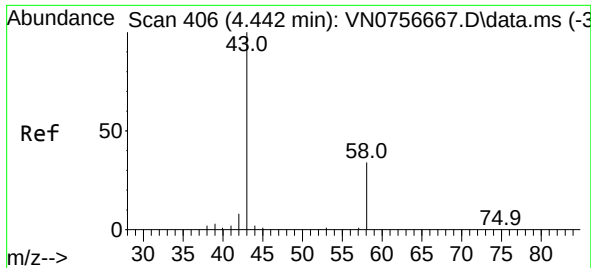
Tgt Ion:168 Resp: 215860
Ion Ratio Lower Upper
168 100
99 56.0 41.2 61.8



#3
Chloromethane
Concen: 0.207 ug/l
RT: 2.383 min Scan# 56
Delta R.T. 0.012 min
Lab File: VN0756690.D
Acq: 10 Dec 2022 05:10

Tgt Ion: 50 Resp: 392
Ion Ratio Lower Upper
50 100
52 0.0 27.9 41.9#





#16

Acetone

Concen: 2.977 ug/l

RT: 4.454 min Scan# 408

Delta R.T. 0.012 min

Lab File: VN0756690.D

Acq: 10 Dec 2022 05:10

Instrument :

MSVOA_N

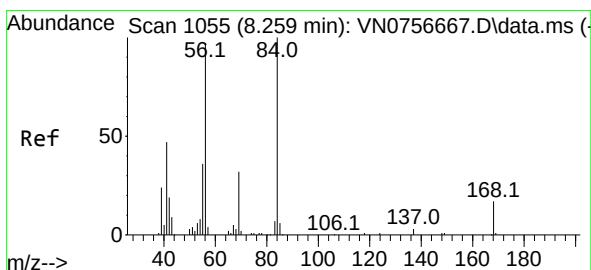
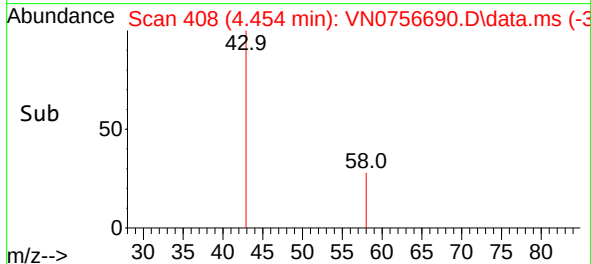
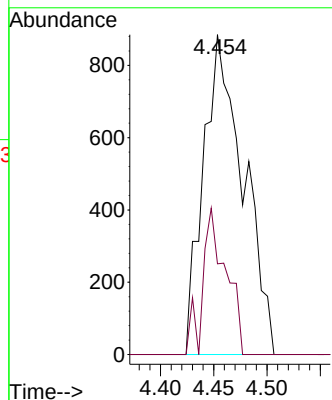
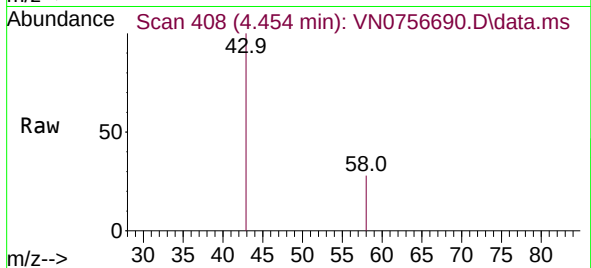
ClientSampleId :

Tgt Ion: 43 Resp: 2309

Ion Ratio Lower Upper

43 100

58 28.4 27.0 40.4



#31

Cyclohexane

Concen: 1.159 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.035 min

Lab File: VN0756690.D

Acq: 10 Dec 2022 05:10

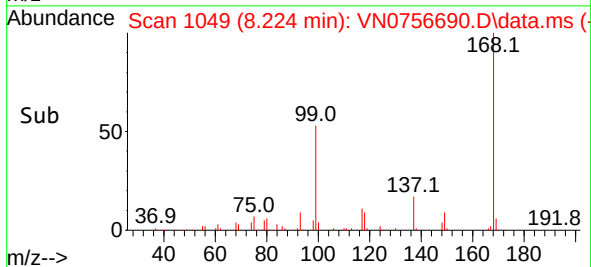
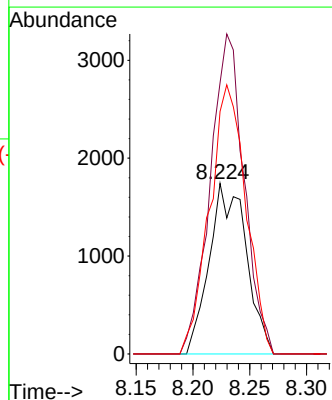
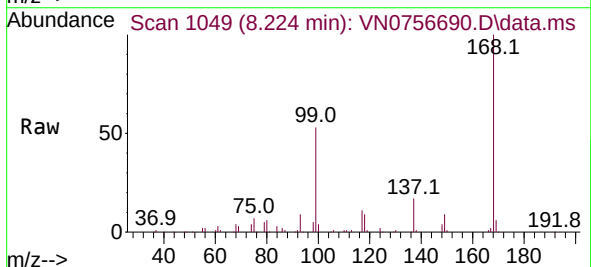
Tgt Ion: 56 Resp: 3930

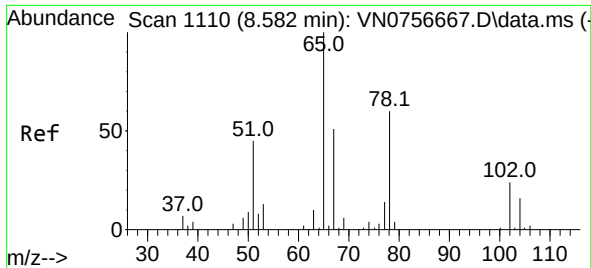
Ion Ratio Lower Upper

56 100

69 159.0 26.2 39.2#

84 142.1 82.8 124.2#

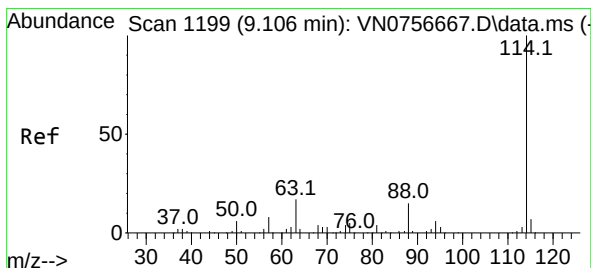
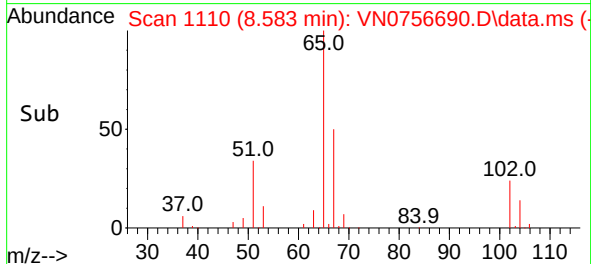
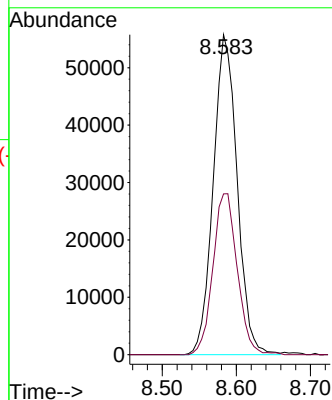
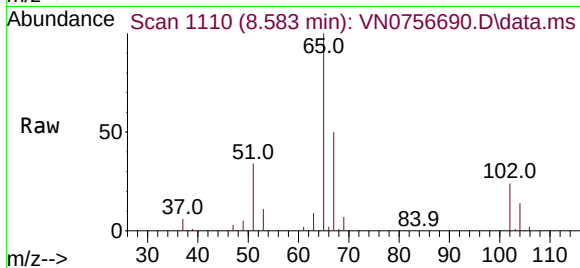




#33
 1,2-Dichloroethane-d4
 Concen: 54.475 ug/l
 RT: 8.583 min Scan# 1110
 Delta R.T. 0.000 min
 Lab File: VN0756690.D
 Acq: 10 Dec 2022 05:10

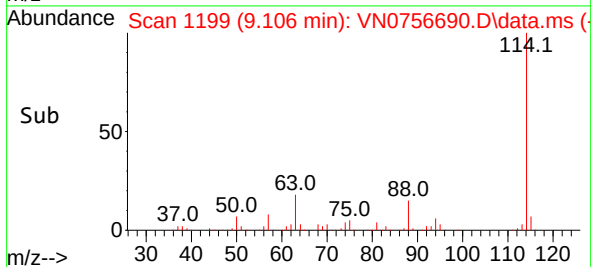
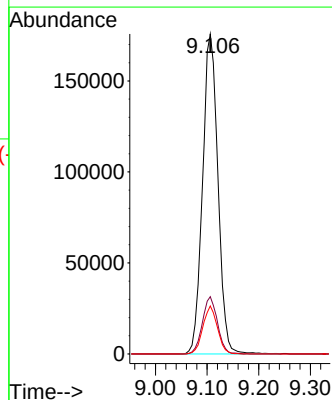
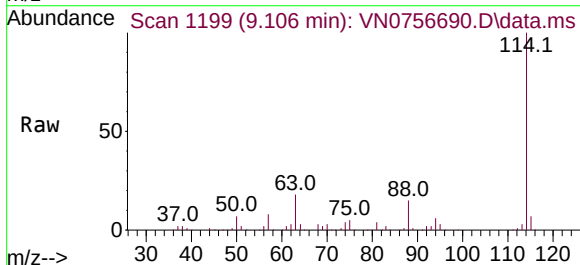
Instrument :
 MSVOA_N
 ClientSampleId :

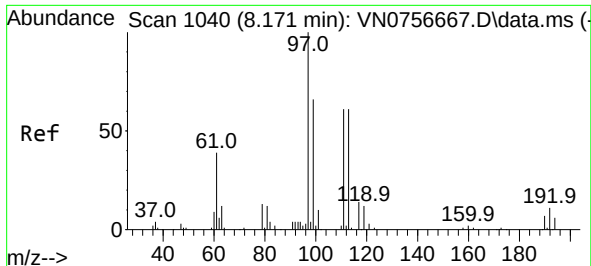
Tgt Ion: 65 Resp: 124765
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. 0.000 min
 Lab File: VN0756690.D
 Acq: 10 Dec 2022 05:10

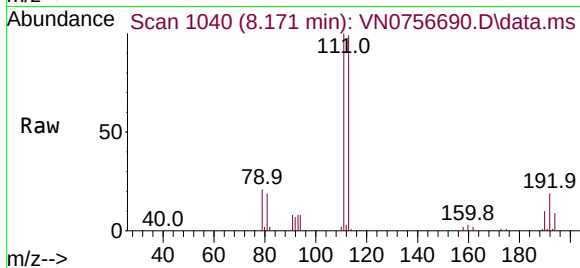
Tgt Ion: 114 Resp: 363133
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 34.4
 88 15.0 0.0 29.2



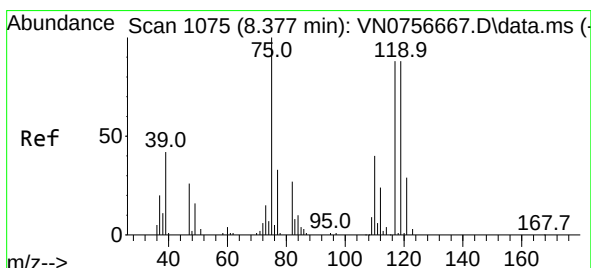
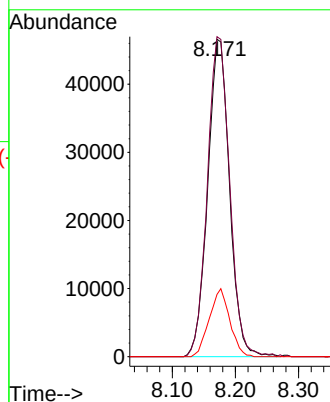
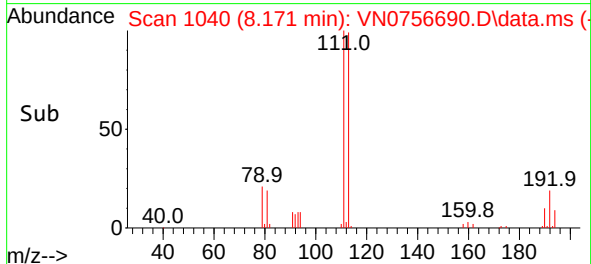


#35
Dibromofluoromethane
Concen: 50.450 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN0756690.D
Acq: 10 Dec 2022 05:10

Instrument :
MSVOA_N
ClientSampleId :

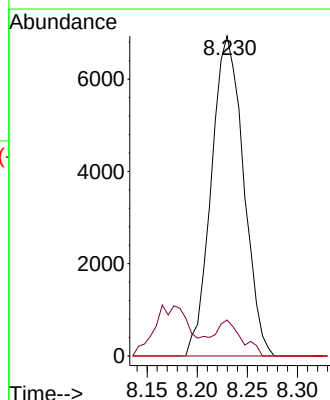
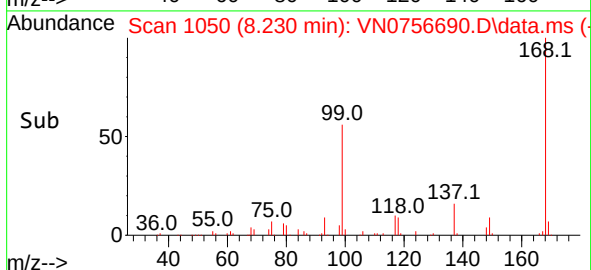
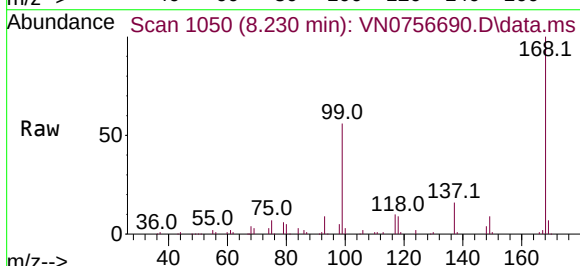


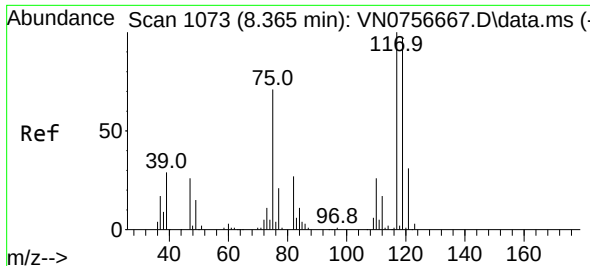
Tgt Ion:113 Resp: 111773
Ion Ratio Lower Upper
113 100
111 103.2 81.0 121.6
192 20.1 16.2 24.2



#36
1,1-Dichloropropene
Concen: 5.253 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN0756690.D
Acq: 10 Dec 2022 05:10

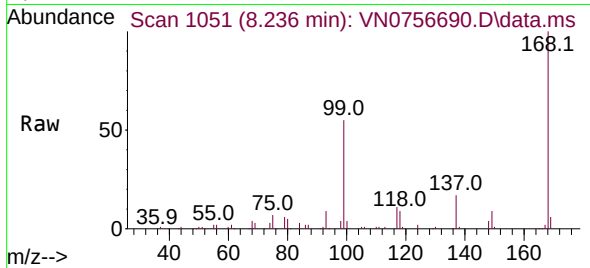
Tgt Ion: 75 Resp: 15453
Ion Ratio Lower Upper
75 100
110 8.7 18.9 56.9#
77 0.0 25.4 38.2#



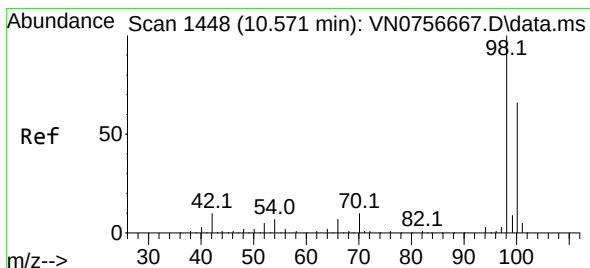
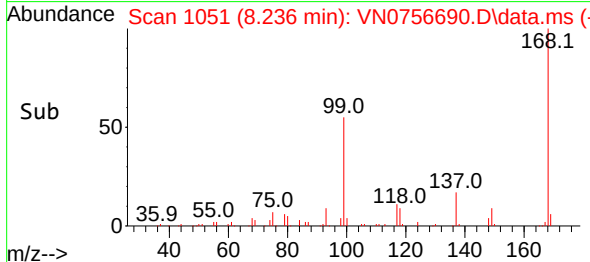
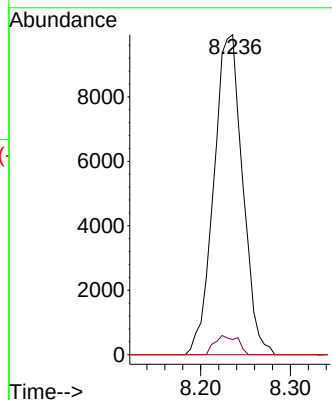


#38
Carbon Tetrachloride
Concen: 6.522 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.129 min
Lab File: VN0756690.D
Acq: 10 Dec 2022 05:10

Instrument :
MSVOA_N
ClientSampleId :

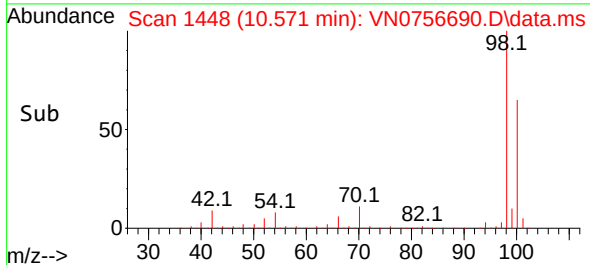
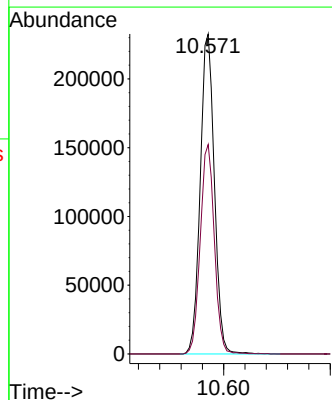
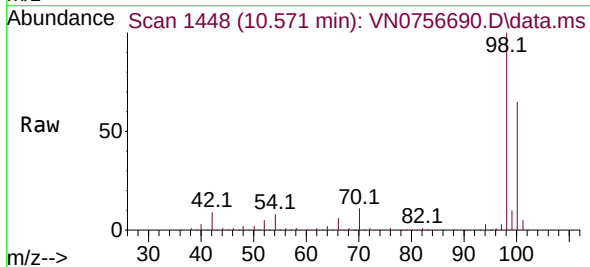


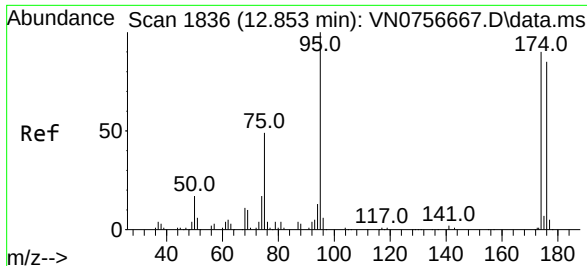
Tgt Ion:117 Resp: 22142
Ion Ratio Lower Upper
117 100
119 4.7 77.2 115.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 51.329 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN0756690.D
Acq: 10 Dec 2022 05:10

Tgt Ion: 98 Resp: 427071
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8

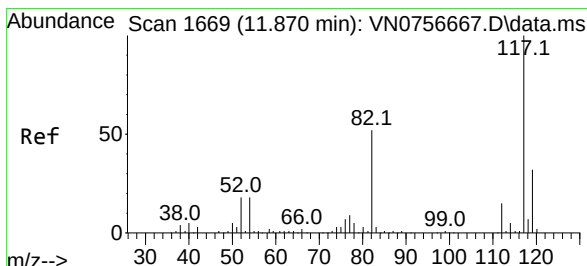
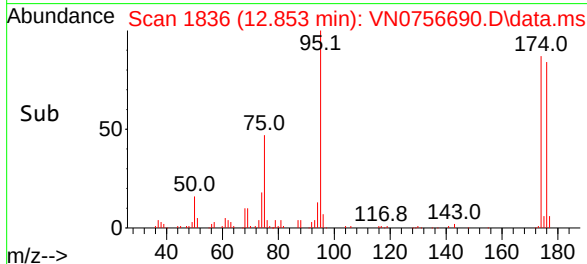
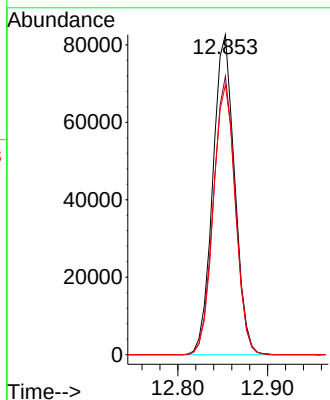
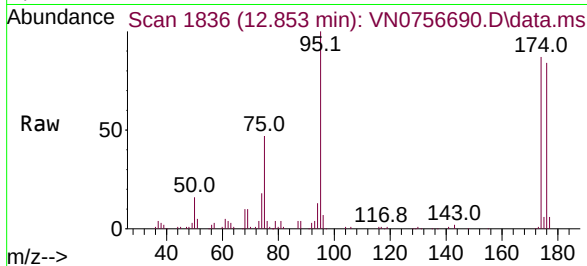




#62
4-Bromofluorobenzene
Concen: 48.993 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN0756690.D
Acq: 10 Dec 2022 05:10

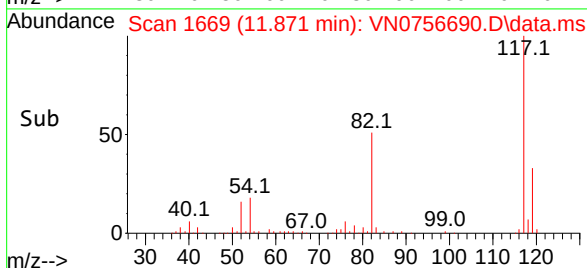
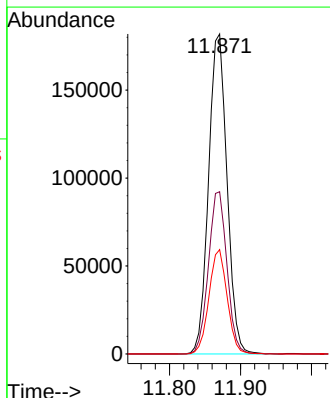
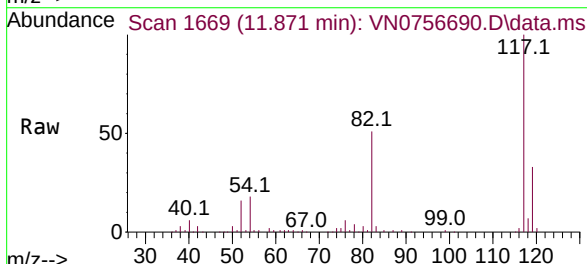
Instrument :
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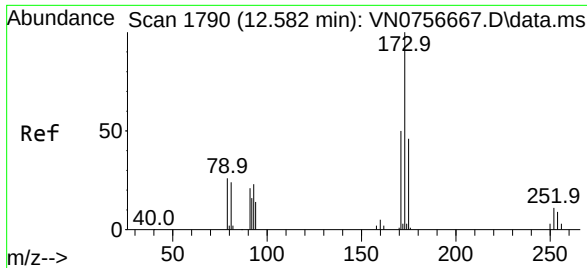
Tgt Ion: 95 Resp: 139374
Ion Ratio Lower Upper
95 100
174 87.2 0.0 178.6
176 85.2 0.0 170.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN0756690.D
Acq: 10 Dec 2022 05:10

Tgt Ion: 117 Resp: 327998
Ion Ratio Lower Upper
117 100
82 50.7 41.8 62.8
119 32.6 25.8 38.6

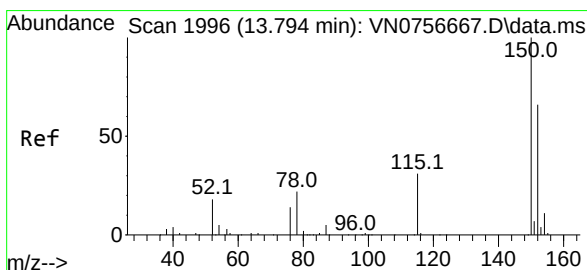
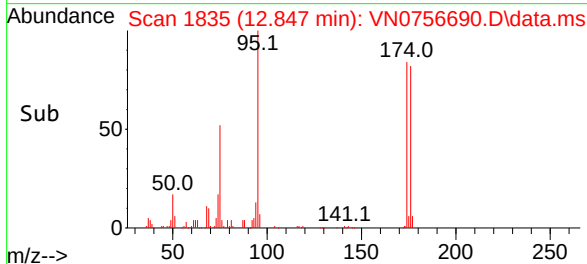
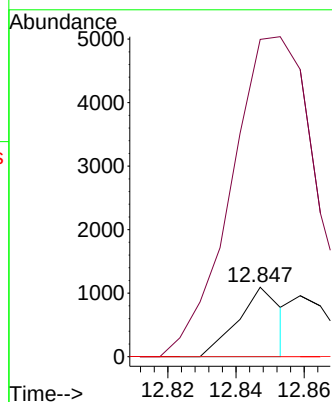
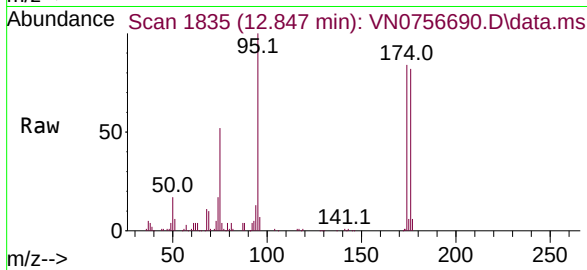




#71
Bromoform
Concen: 0.521 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN0756690.D
Acq: 10 Dec 2022 05:10

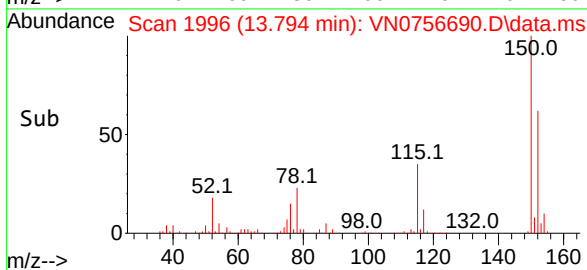
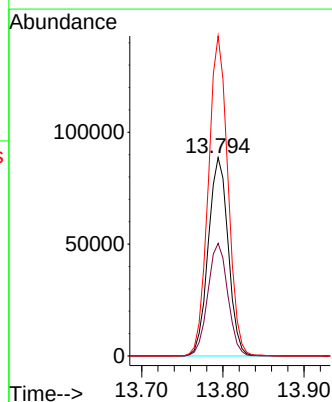
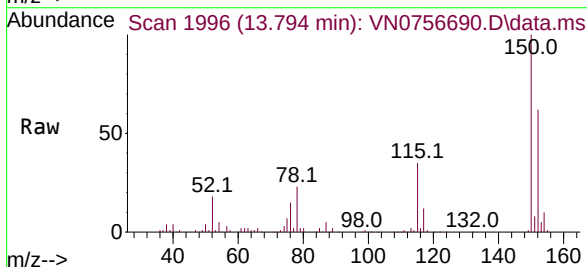
Instrument :
MSVOA_N
ClientSampleId :

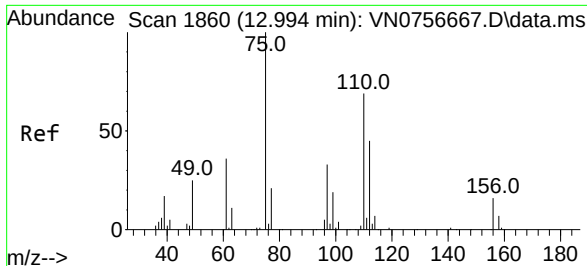
Tgt Ion:173 Resp: 970
Ion Ratio Lower Upper
173 100
175 762.2 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN0756690.D
Acq: 10 Dec 2022 05:10

Tgt Ion:152 Resp: 150952
Ion Ratio Lower Upper
152 100
115 57.0 28.4 85.2
150 158.5 0.0 347.6

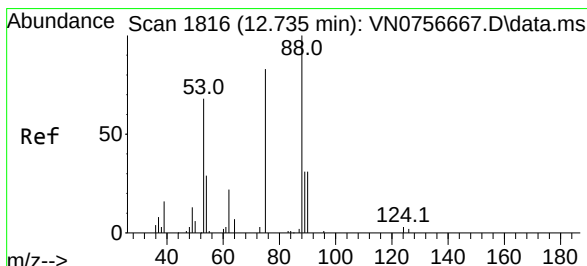
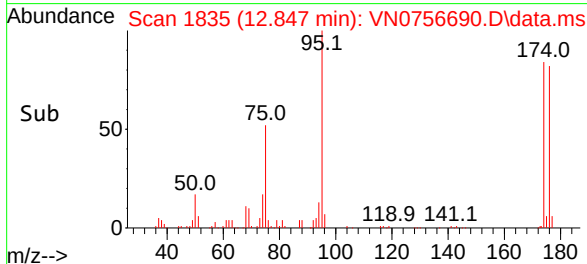
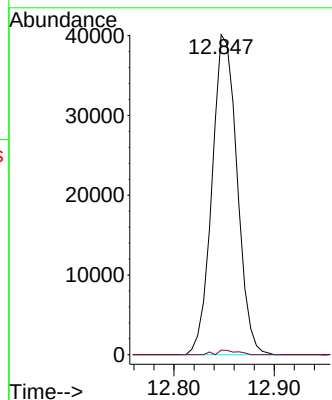
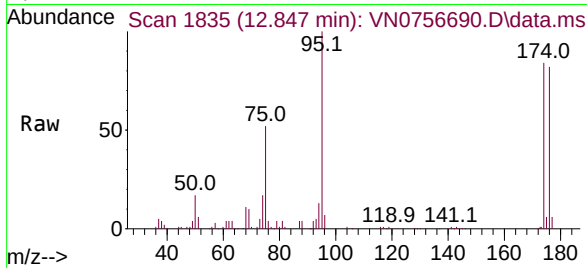




#76
1,2,3-Trichloropropane
Concen: 22.981 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN0756690.D
Acq: 10 Dec 2022 05:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 69667
Ion Ratio Lower Upper
75 100
77 1.2 81.8 245.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.538 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.112 min
Lab File: VN0756690.D
Acq: 10 Dec 2022 05:10

Tgt Ion: 75 Resp: 69667
Ion Ratio Lower Upper
75 100
53 0.0 72.4 108.6#
89 0.0 36.6 55.0#

