

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN0756702.D
 Acq On : 10 Dec 2022 09:56
 Operator : JC\MD
 Sample : N5989-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 12 04:58:45 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)

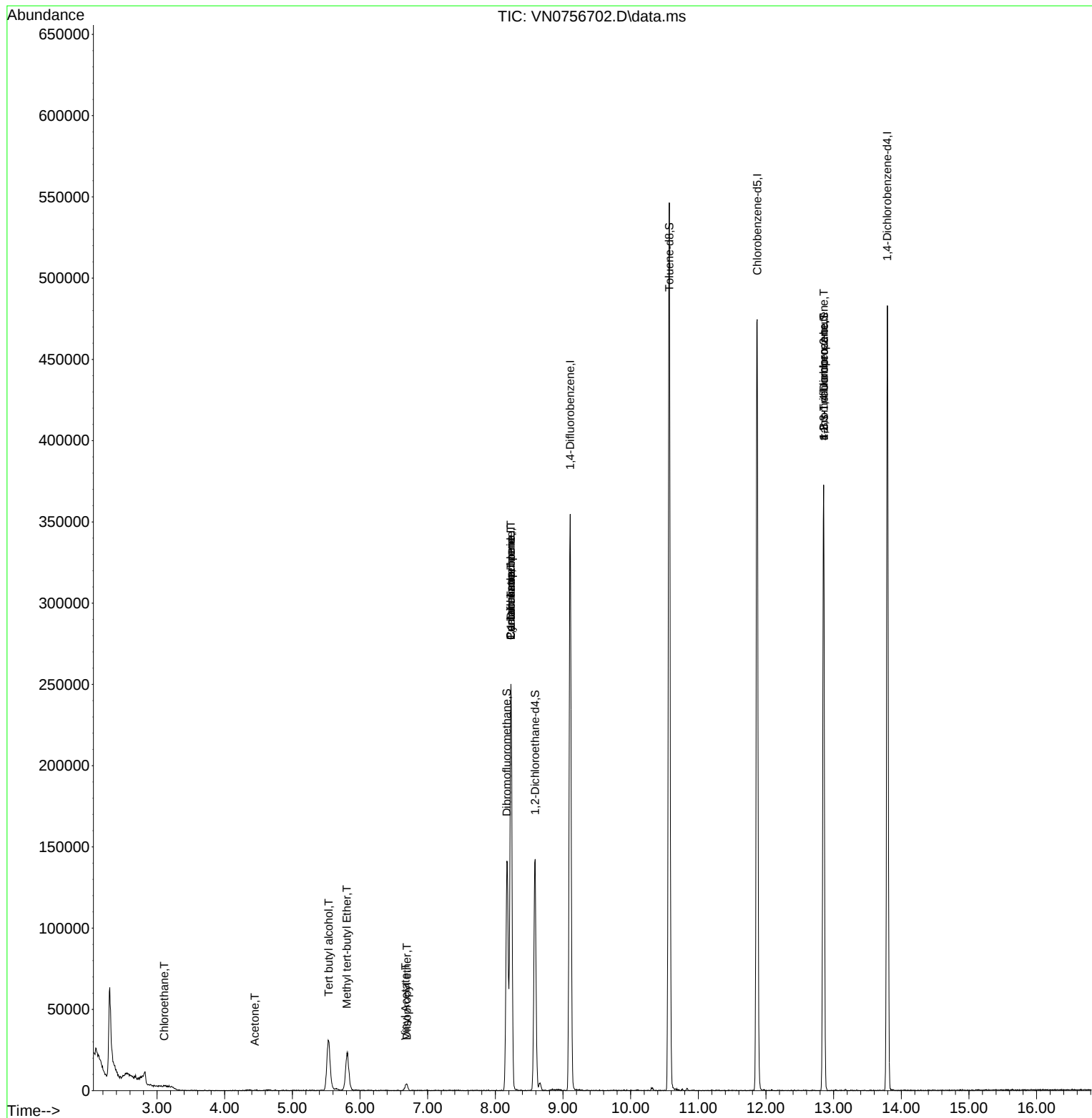
Internal Standards						
1) Pentafluorobenzene	8.230	168	193860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	330170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	298813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	138326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	114525	55.678	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.360%
35) Dibromofluoromethane	8.171	113	102028	50.649	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.300%
50) Toluene-d8	10.571	98	388936	51.412	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.820%
62) 4-Bromofluorobenzene	12.853	95	127007	49.103	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.200%
Target Compounds						
						Qvalue
6) Chloroethane	3.106	64	1117	0.717	ug/l #	43
11) Tert butyl alcohol	5.536	59	56539	185.803	ug/l	98
16) Acetone	4.447	43	212	0.304	ug/l #	41
19) Methyl tert-butyl Ether	5.806	73	39851	7.133	ug/l	100
22) Diisopropyl ether	6.694	45	4682	0.995	ug/l #	94
23) Vinyl Acetate	6.671	43	1270	0.354	ug/l #	65
31) Cyclohexane	8.230	56	3573	1.173	ug/l #	34
36) 1,1-Dichloropropene	8.230	75	13536	5.061	ug/l #	48
38) Carbon Tetrachloride	8.230	117	19165	6.209	ug/l #	17
76) 1,2,3-Trichloropropane	12.853	75	64469	23.208	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	64469	74.237	ug/l #	13

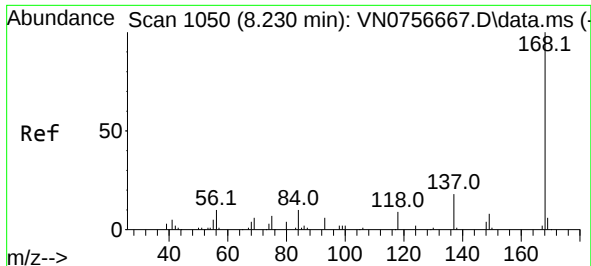
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
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Response via : Initial Calibration

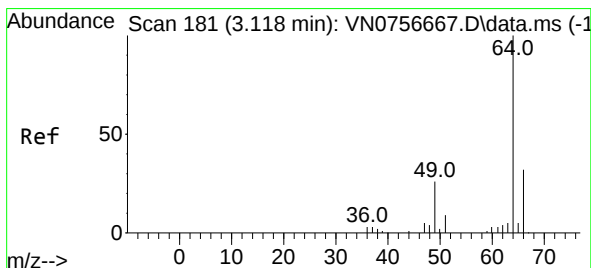
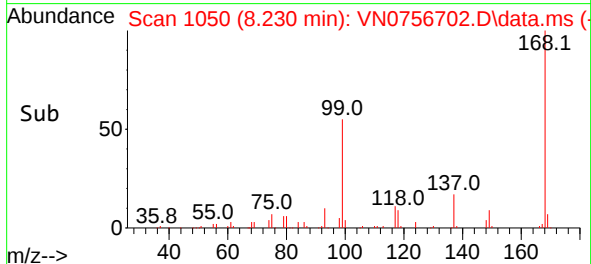
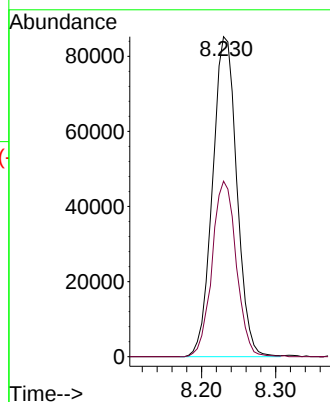
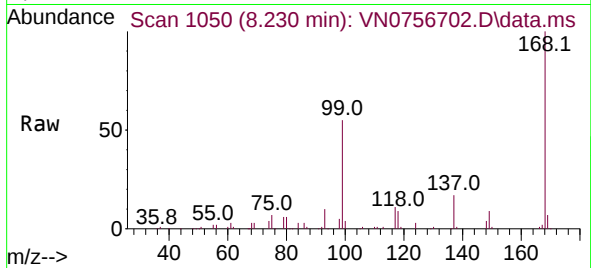




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN0756702.D
Acq: 10 Dec 2022 09:56

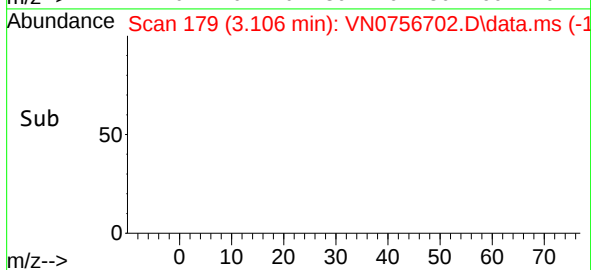
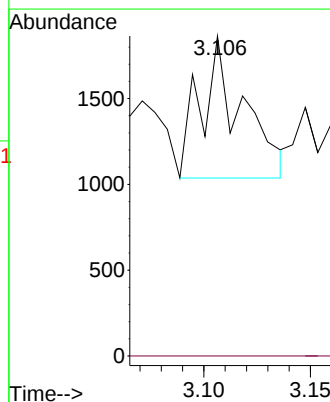
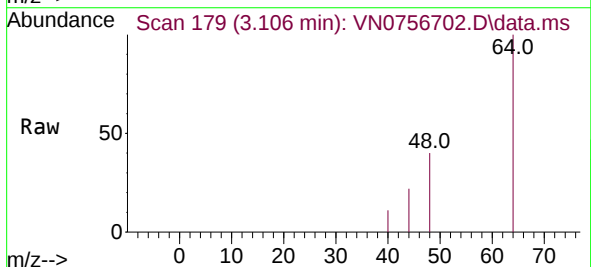
Instrument :
MSVOA_N
ClientSampleId :

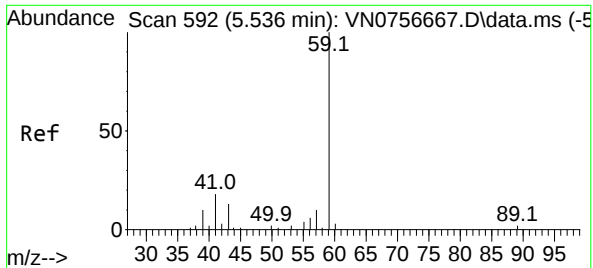
Tgt Ion:168 Resp: 193860
Ion Ratio Lower Upper
168 100
99 54.9 41.2 61.8



#6
Chloroethane
Concen: 0.717 ug/l
RT: 3.106 min Scan# 179
Delta R.T. -0.012 min
Lab File: VN0756702.D
Acq: 10 Dec 2022 09:56

Tgt Ion: 64 Resp: 1117
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#

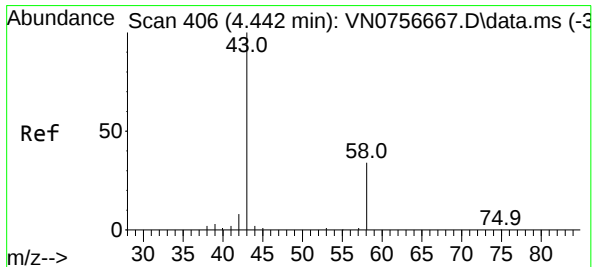
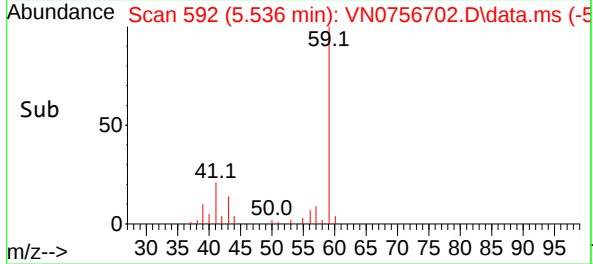
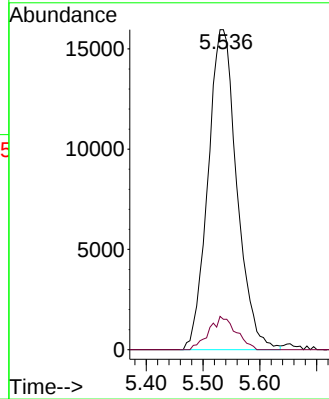
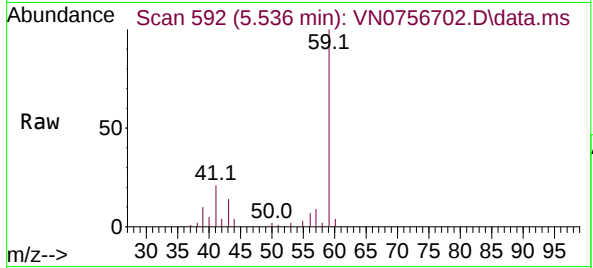




#11
Tert butyl alcohol
Concen: 185.803 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN0756702.D
Acq: 10 Dec 2022 09:56

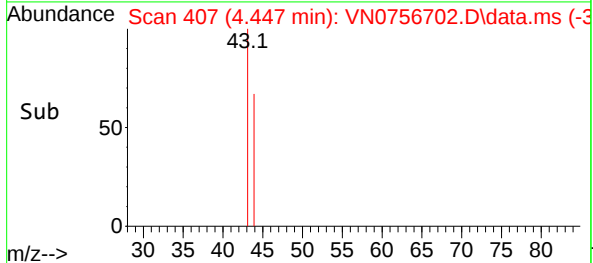
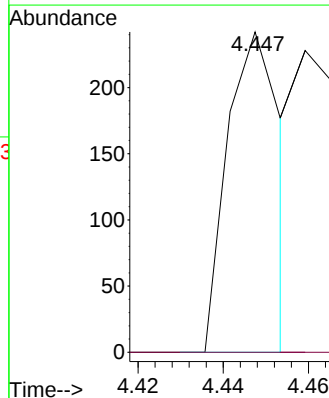
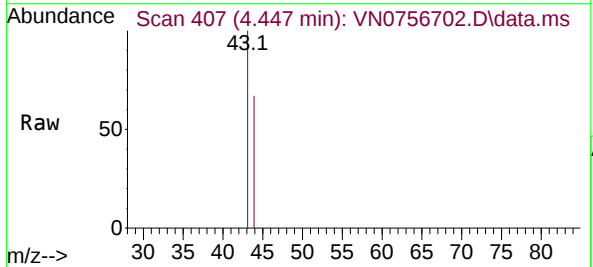
Instrument :
MSVOA_N
ClientSampleId :

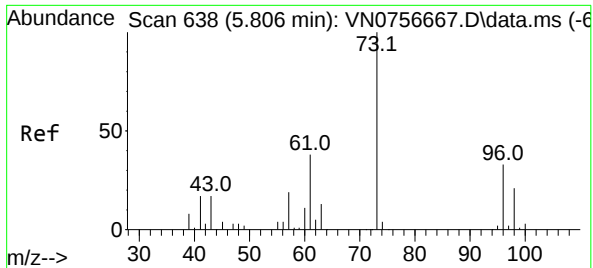
Tgt Ion: 59 Resp: 56539
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.4



#16
Acetone
Concen: 0.304 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN0756702.D
Acq: 10 Dec 2022 09:56

Tgt Ion: 43 Resp: 212
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.4#

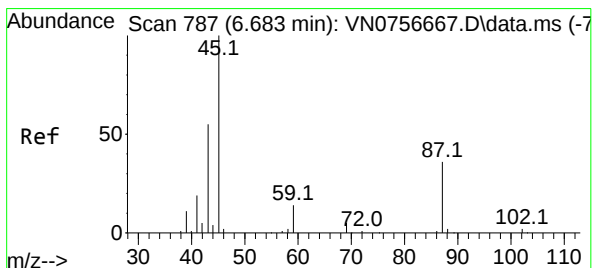
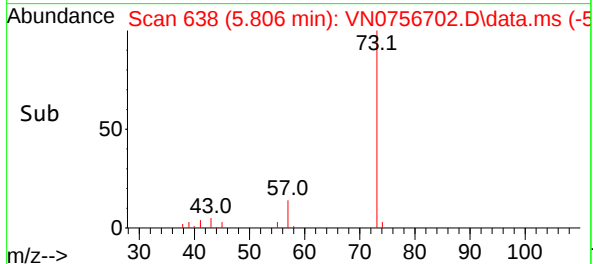
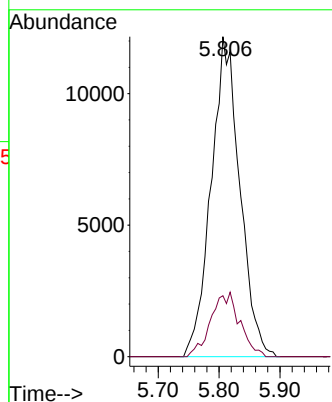
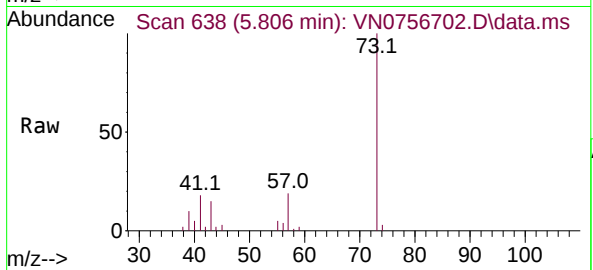




#19
Methyl tert-butyl Ether
Concen: 7.133 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN0756702.D
Acq: 10 Dec 2022 09:56

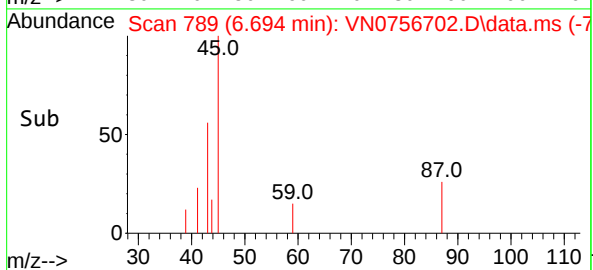
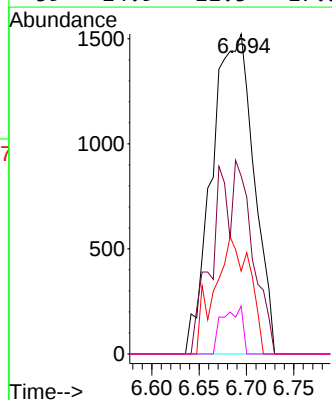
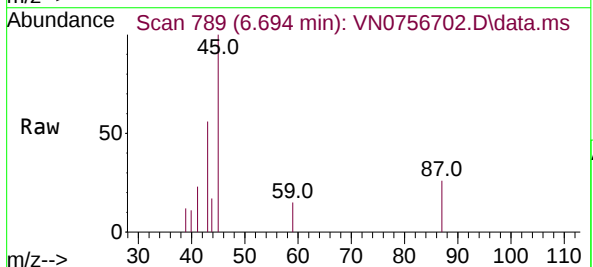
Instrument :
MSVOA_N
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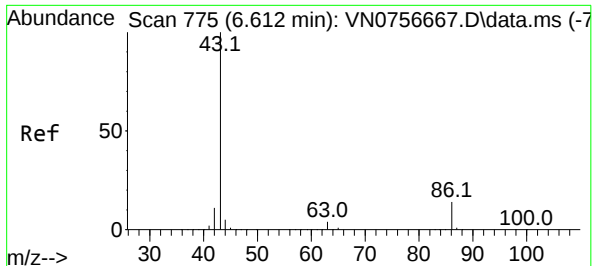
Tgt Ion: 73 Resp: 39851
Ion Ratio Lower Upper
73 100
57 19.1 15.1 22.7



#22
Diisopropyl ether
Concen: 0.995 ug/l
RT: 6.694 min Scan# 789
Delta R.T. 0.012 min
Lab File: VN0756702.D
Acq: 10 Dec 2022 09:56

Tgt Ion: 45 Resp: 4682
Ion Ratio Lower Upper
45 100
43 55.6 44.9 67.3
87 25.9 28.8 43.2#
59 14.9 11.5 17.3

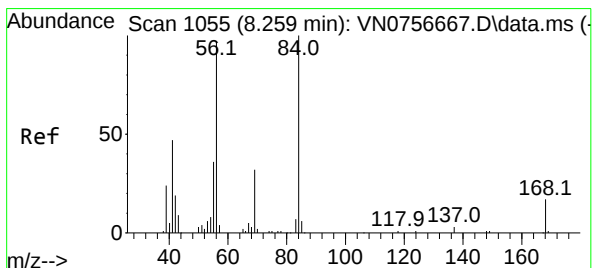
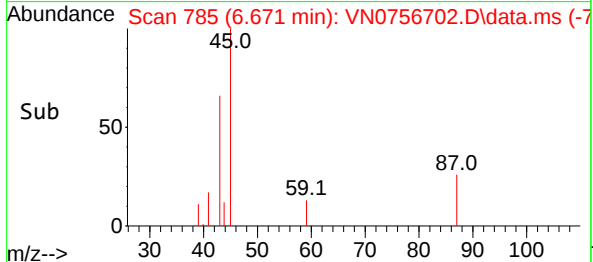
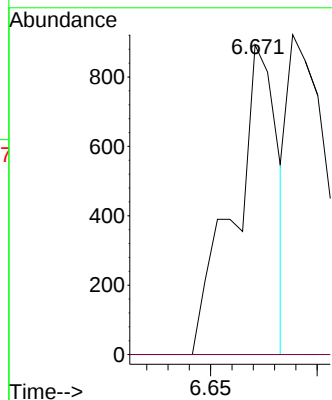
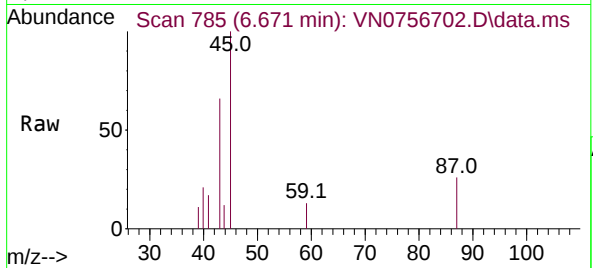




#23
 Vinyl Acetate
 Concen: 0.354 ug/l
 RT: 6.671 min Scan# 71
 Delta R.T. 0.059 min
 Lab File: VN0756702.D
 Acq: 10 Dec 2022 09:56

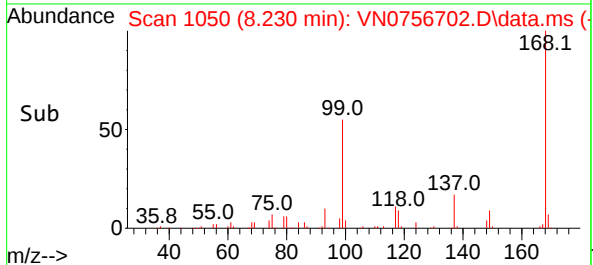
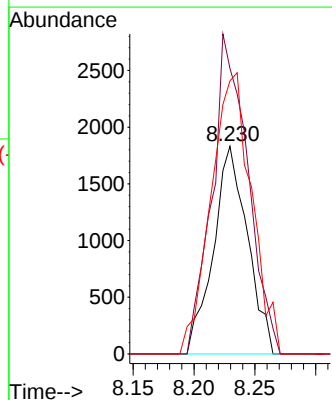
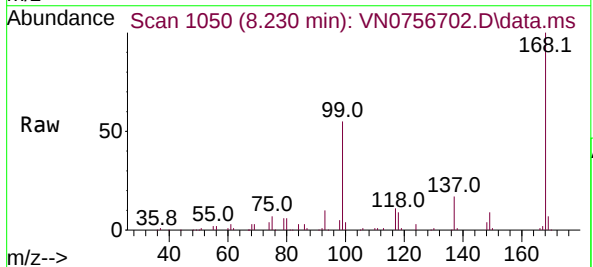
Instrument :
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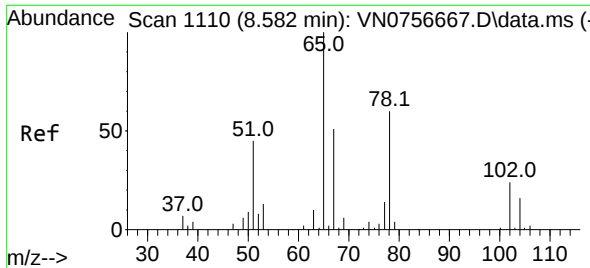
Tgt Ion: 43 Resp: 1270
 Ion Ratio Lower Upper
 43 100
 86 0.0 11.5 17.3#



#31
 Cyclohexane
 Concen: 1.173 ug/l
 RT: 8.230 min Scan# 1050
 Delta R.T. -0.029 min
 Lab File: VN0756702.D
 Acq: 10 Dec 2022 09:56

Tgt Ion: 56 Resp: 3573
 Ion Ratio Lower Upper
 56 100
 69 137.6 26.2 39.2#
 84 131.5 82.8 124.2#

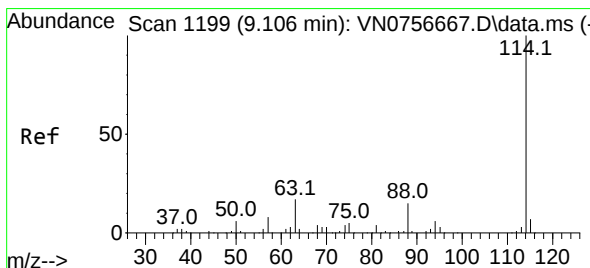
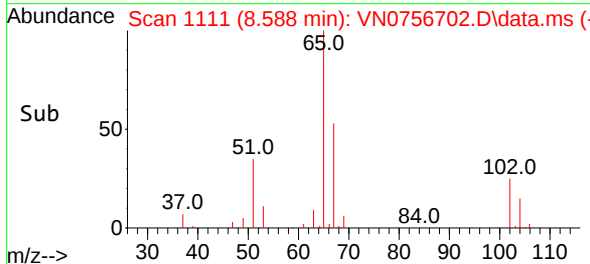
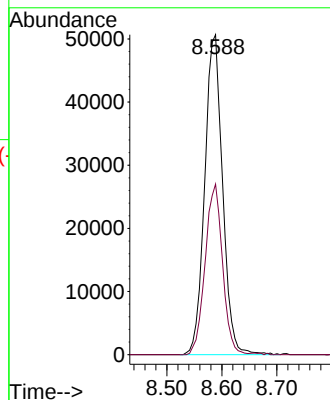
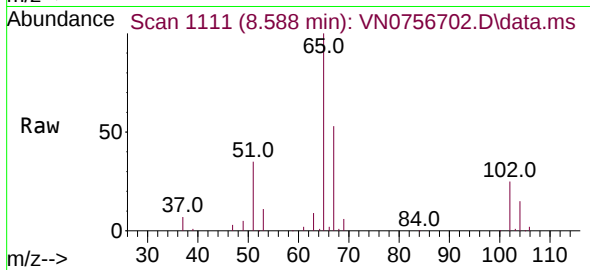




#33
 1,2-Dichloroethane-d4
 Concen: 55.678 ug/l
 RT: 8.588 min Scan# 1111
 Delta R.T. 0.006 min
 Lab File: VN0756702.D
 Acq: 10 Dec 2022 09:56

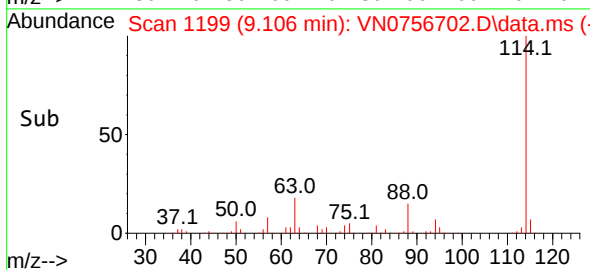
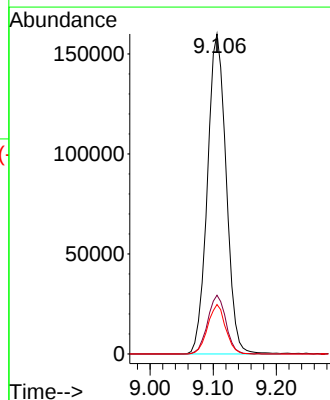
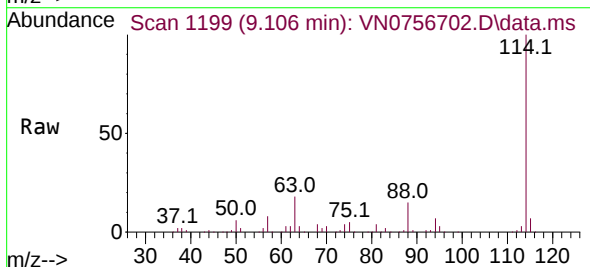
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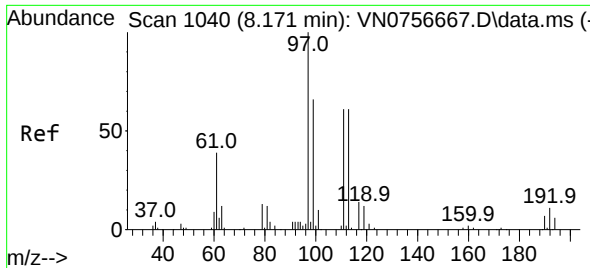
Tgt Ion: 65 Resp: 114525
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. 0.000 min
 Lab File: VN0756702.D
 Acq: 10 Dec 2022 09:56

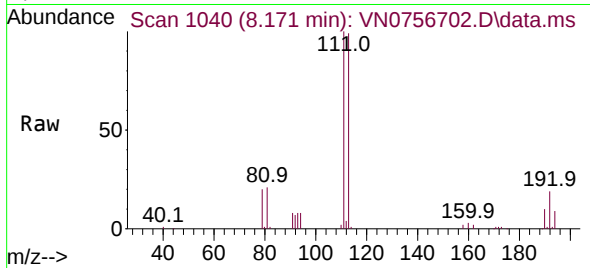
Tgt Ion: 114 Resp: 330170
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 34.4
 88 15.4 0.0 29.2



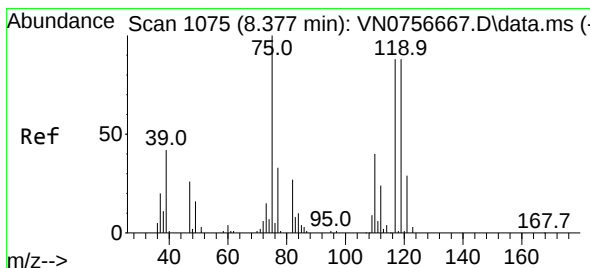
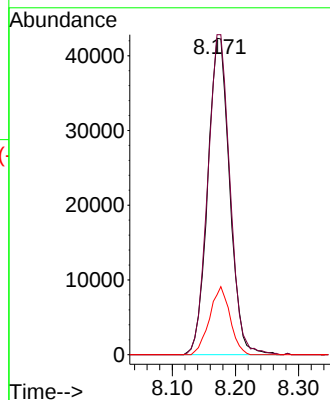
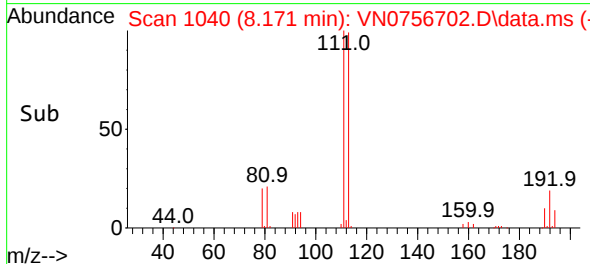


#35
Dibromofluoromethane
Concen: 50.649 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN0756702.D
Acq: 10 Dec 2022 09:56

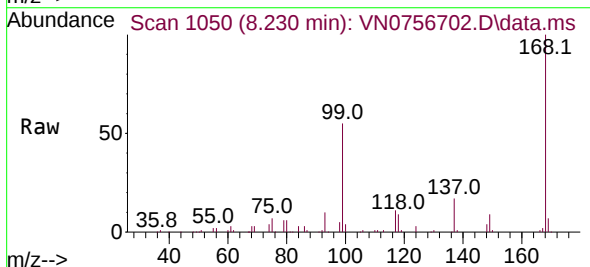
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MSVOA_N
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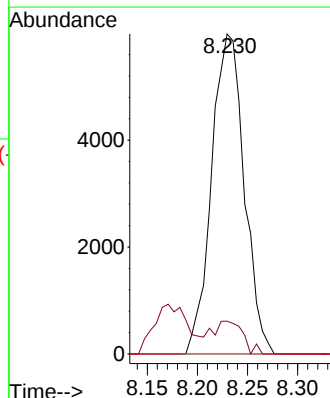
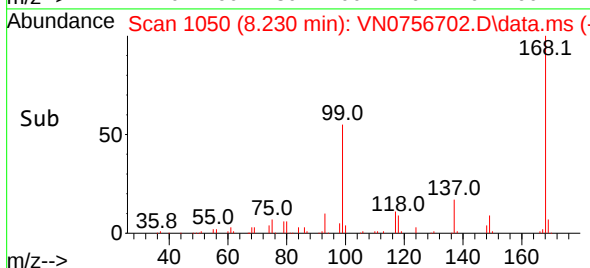
Tgt Ion:113 Resp: 102028
Ion Ratio Lower Upper
113 100
111 102.4 81.0 121.6
192 20.1 16.2 24.2

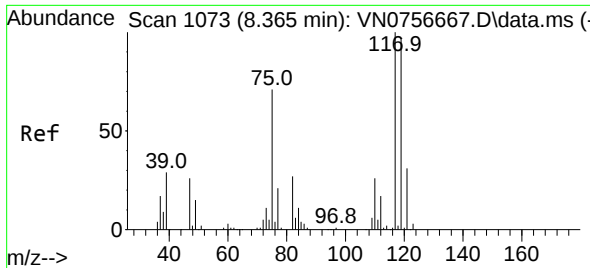


#36
1,1-Dichloropropene
Concen: 5.061 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN0756702.D
Acq: 10 Dec 2022 09:56



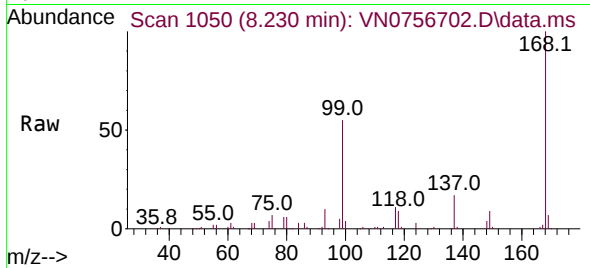
Tgt Ion: 75 Resp: 13536
Ion Ratio Lower Upper
75 100
110 9.6 18.9 56.9#
77 0.0 25.4 38.2#



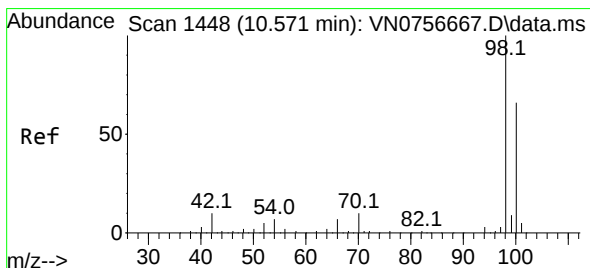
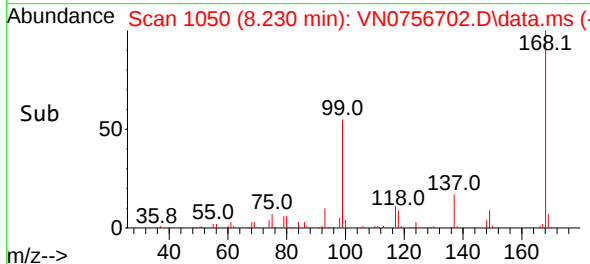
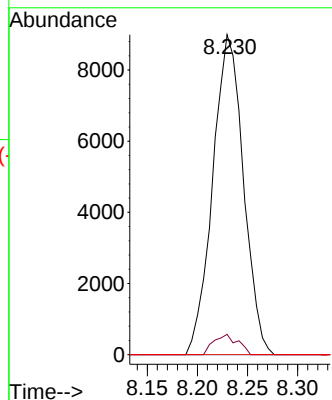


#38
Carbon Tetrachloride
Concen: 6.209 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN0756702.D
Acq: 10 Dec 2022 09:56

Instrument :
MSVOA_N
ClientSampleId :

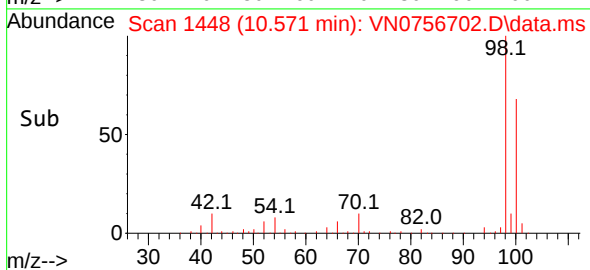
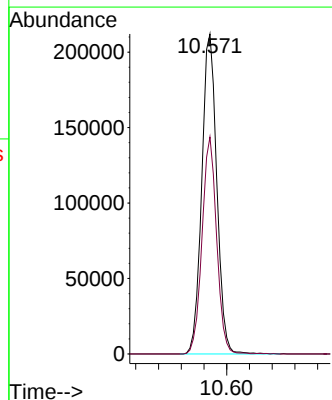
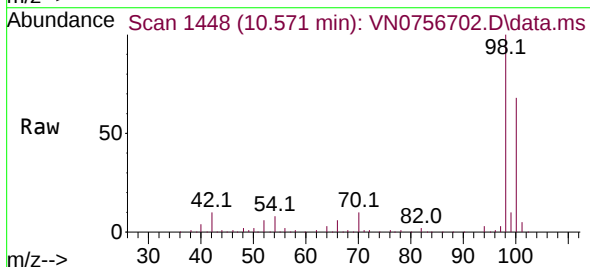


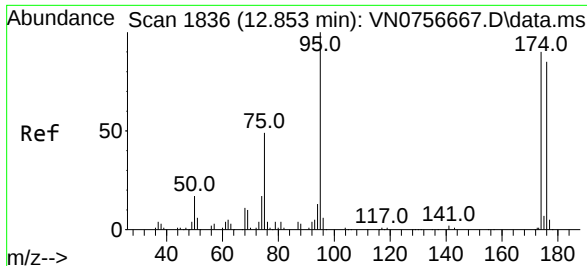
Tgt Ion:117 Resp: 19165
Ion Ratio Lower Upper
117 100
119 6.3 77.2 115.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 51.412 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN0756702.D
Acq: 10 Dec 2022 09:56

Tgt Ion: 98 Resp: 388936
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8

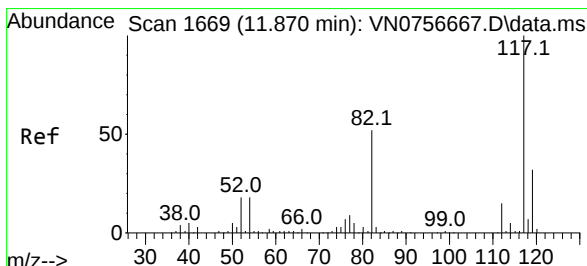
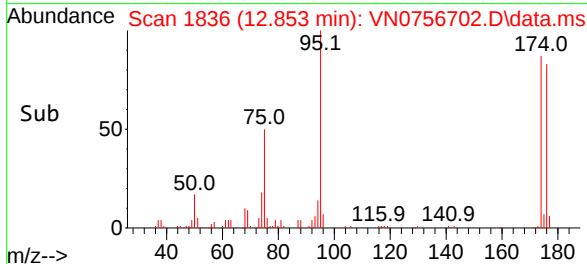
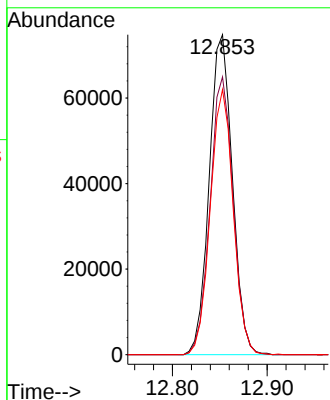
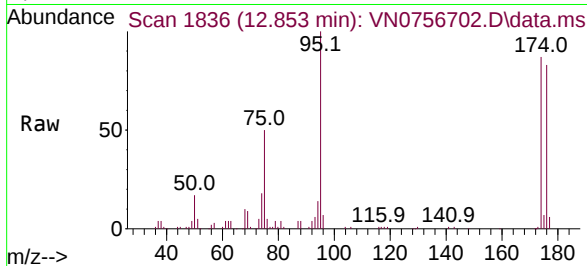




#62
4-Bromofluorobenzene
Concen: 49.103 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN0756702.D
Acq: 10 Dec 2022 09:56

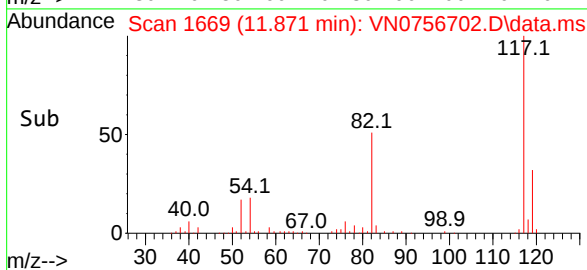
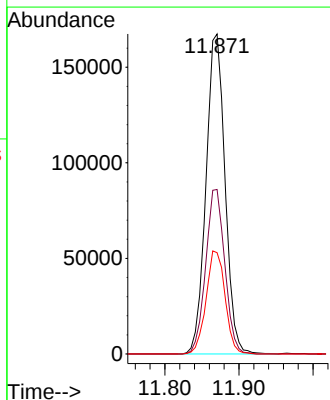
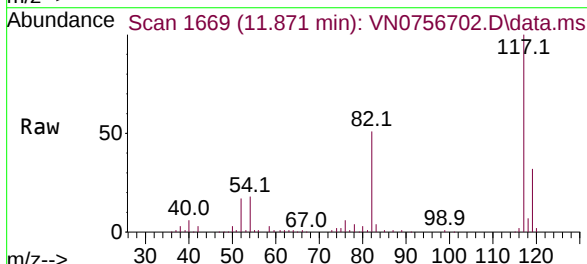
Instrument :
MSVOA_N
ClientSampleId :

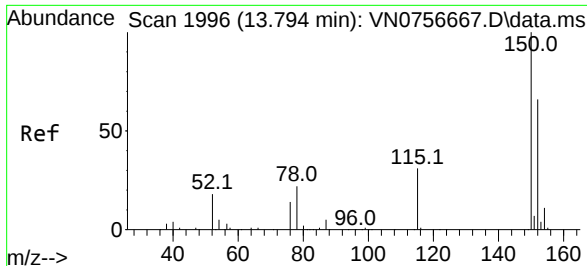
Tgt Ion: 95 Resp: 127007
Ion Ratio Lower Upper
95 100
174 86.3 0.0 178.6
176 82.2 0.0 170.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN0756702.D
Acq: 10 Dec 2022 09:56

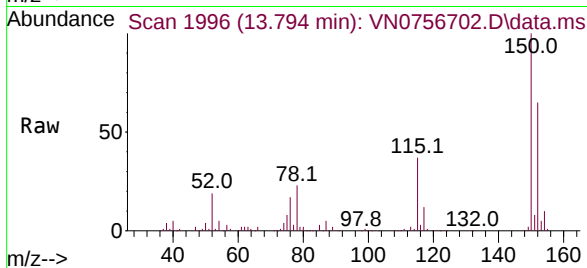
Tgt Ion: 117 Resp: 298813
Ion Ratio Lower Upper
117 100
82 51.4 41.8 62.8
119 31.6 25.8 38.6



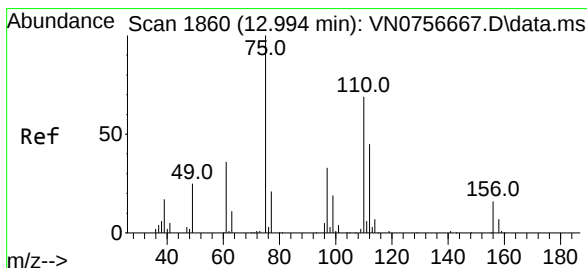
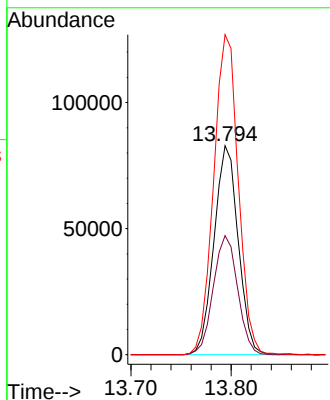
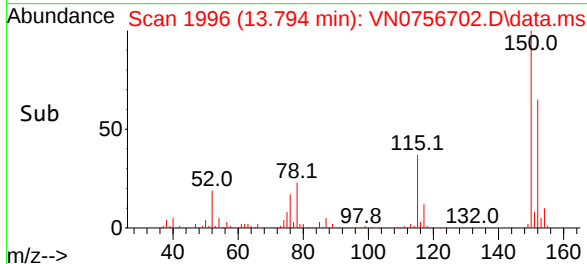


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN0756702.D
 Acq: 10 Dec 2022 09:56

Instrument :
 MSVOA_N
 ClientSampleId :

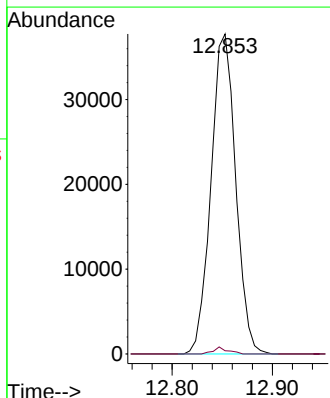
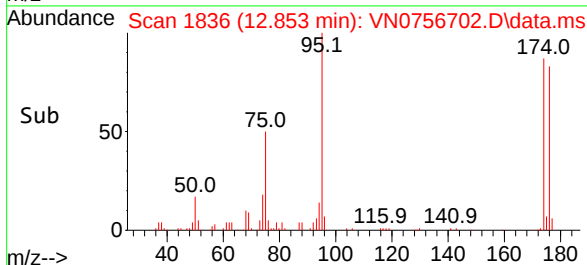
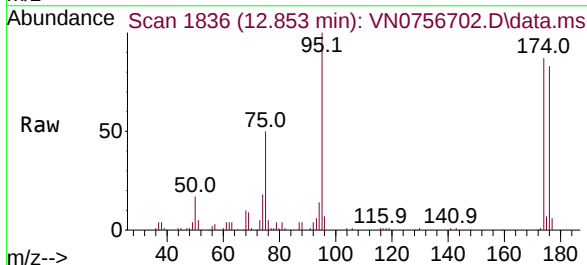


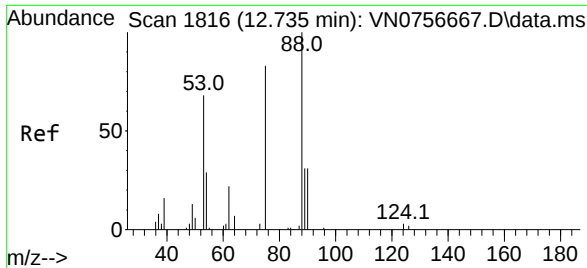
Tgt Ion:152 Resp: 138326
 Ion Ratio Lower Upper
 152 100
 115 57.5 28.4 85.2
 150 156.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 23.208 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN0756702.D
 Acq: 10 Dec 2022 09:56

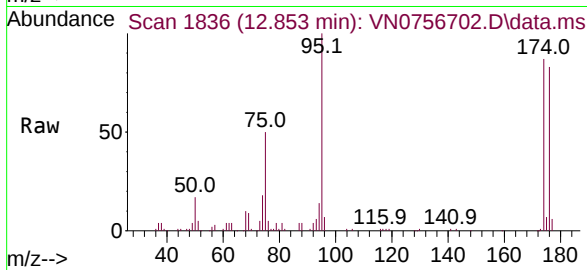
Tgt Ion: 75 Resp: 64469
 Ion Ratio Lower Upper
 75 100
 77 1.3 81.8 245.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.237 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN0756702.D
 Acq: 10 Dec 2022 09:56

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 64469
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.4 108.6#
 89 0.0 36.6 55.0#

