

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN0756699.D
 Acq On : 10 Dec 2022 08:45
 Operator : JC\MD
 Sample : N5989-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 12 04:57:58 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)

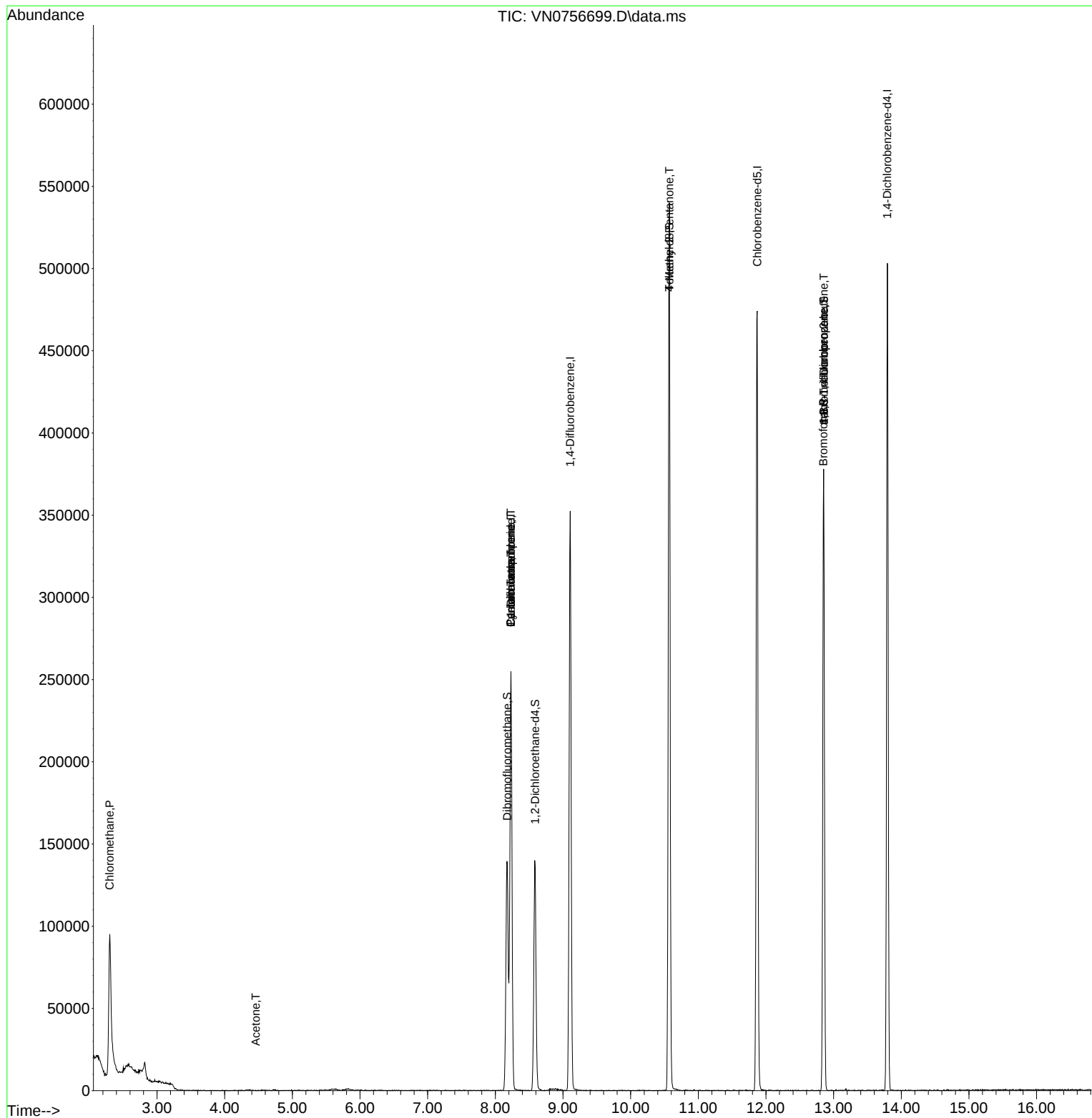
Internal Standards						
1) Pentafluorobenzene	8.230	168	194369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	331827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	300185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	111848	54.234	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.460%	
35) Dibromofluoromethane	8.177	113	101729	50.248	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.500%	
50) Toluene-d8	10.571	98	384683	50.596	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.200%	
62) 4-Bromofluorobenzene	12.853	95	129675	49.884	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.760%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.301	50	3679	2.160	ug/l #	40
16) Acetone	4.459	43	145	0.208	ug/l #	41
31) Cyclohexane	8.230	56	3532	1.157	ug/l #	19
36) 1,1-Dichloropropene	8.230	75	13523	5.030	ug/l #	48
38) Carbon Tetrachloride	8.230	117	19082	6.151	ug/l #	16
51) 4-Methyl-2-Pentanone	10.571	43	1449	0.652	ug/l #	1
71) Bromoform	12.847	173	997	0.585	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	64484	22.546	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	64484	72.198	ug/l #	13

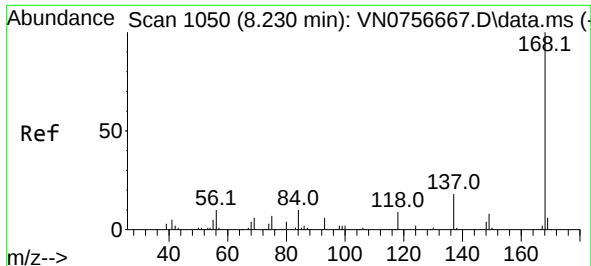
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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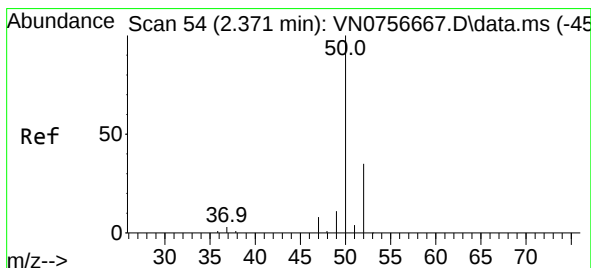
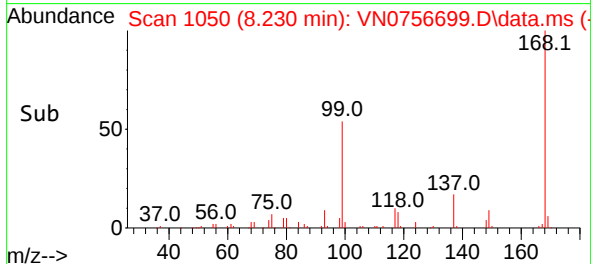
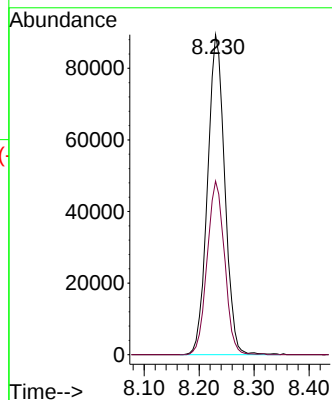
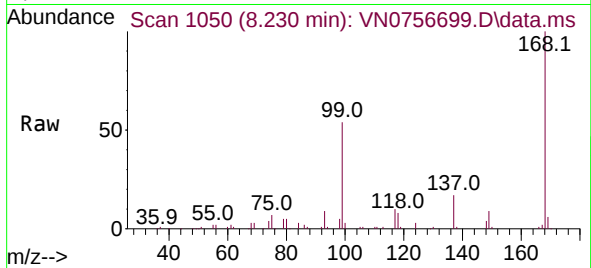




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN0756699.D
Acq: 10 Dec 2022 08:45

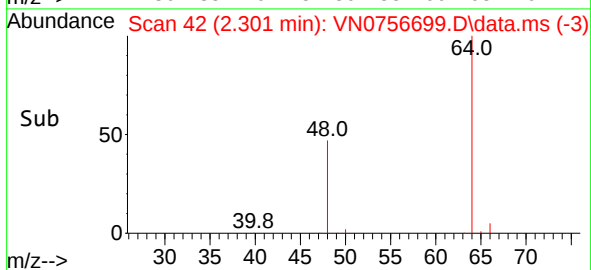
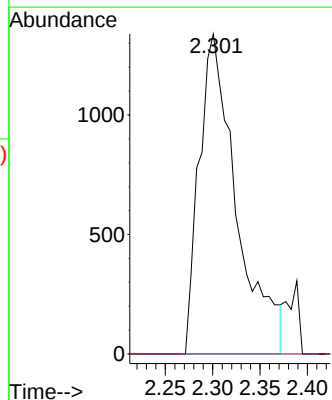
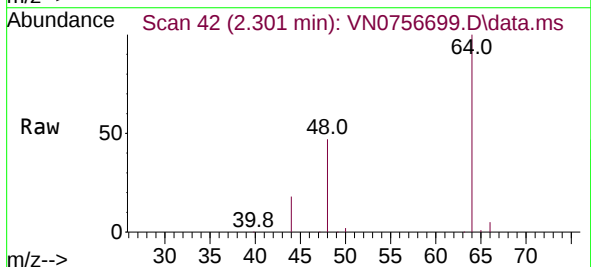
Instrument :
MSVOA_N
ClientSampleId :

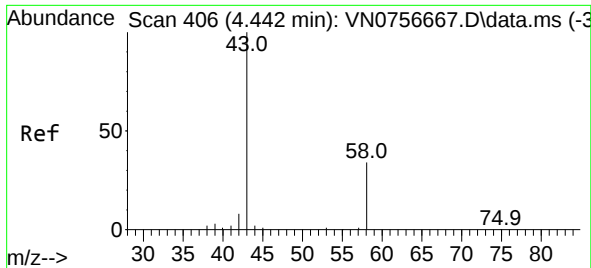
Tgt Ion:168 Resp: 194369
Ion Ratio Lower Upper
168 100
99 54.2 41.2 61.8



#3
Chloromethane
Concen: 2.160 ug/l
RT: 2.301 min Scan# 42
Delta R.T. -0.070 min
Lab File: VN0756699.D
Acq: 10 Dec 2022 08:45

Tgt Ion: 50 Resp: 3679
Ion Ratio Lower Upper
50 100
52 0.0 27.9 41.9#





#16

Acetone

Concen: 0.208 ug/l

RT: 4.459 min Scan# 406

Delta R.T. 0.018 min

Lab File: VN0756699.D

Acq: 10 Dec 2022 08:45

Instrument :

MSVOA_N

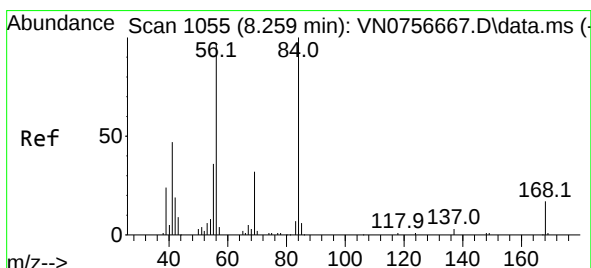
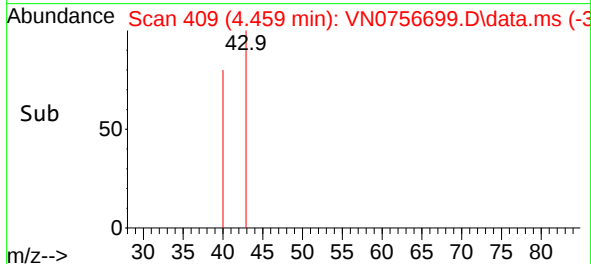
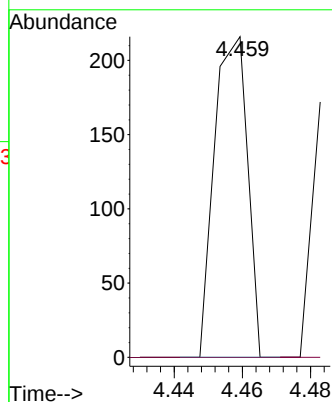
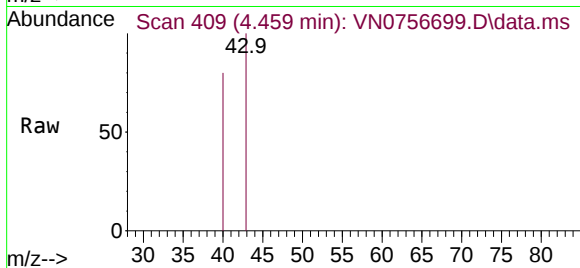
ClientSampleId :

Tgt Ion: 43 Resp: 145

Ion Ratio Lower Upper

43 100

58 0.0 27.0 40.4#



#31

Cyclohexane

Concen: 1.157 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.029 min

Lab File: VN0756699.D

Acq: 10 Dec 2022 08:45

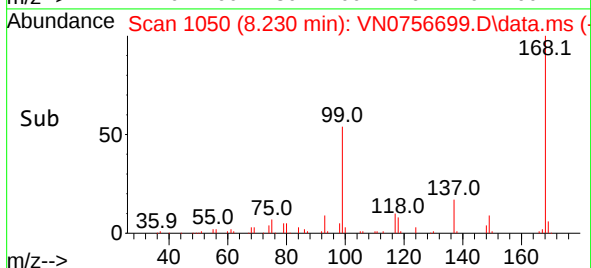
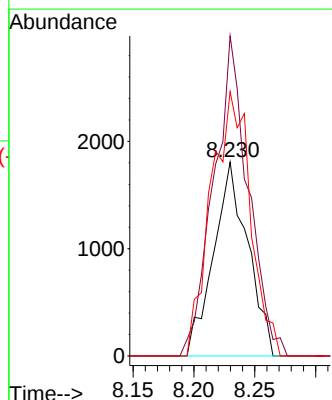
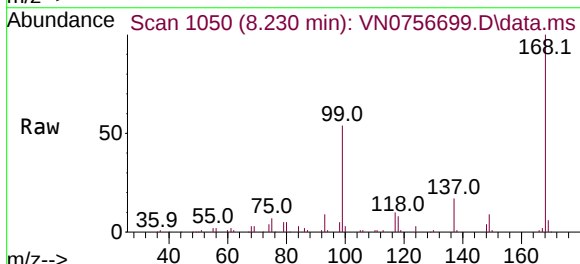
Tgt Ion: 56 Resp: 3532

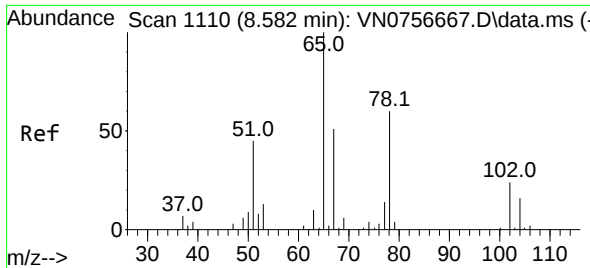
Ion Ratio Lower Upper

56 100

69 165.0 26.2 39.2#

84 136.3 82.8 124.2#

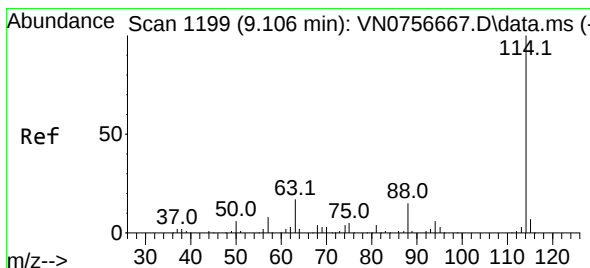
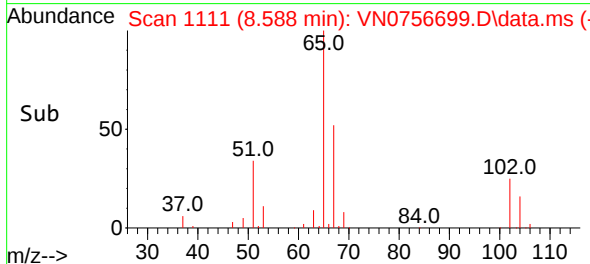
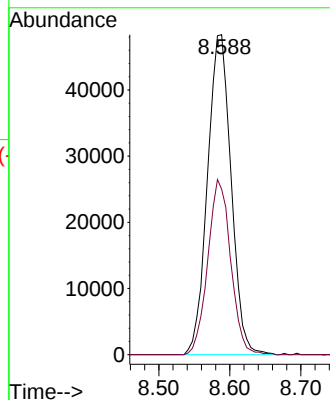
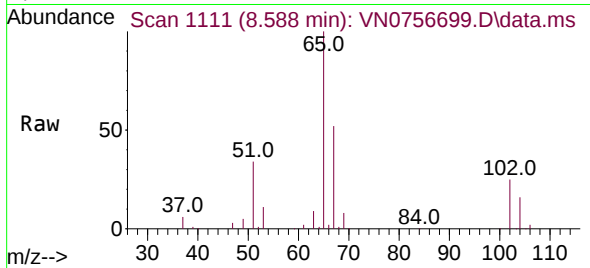




#33
 1,2-Dichloroethane-d4
 Concen: 54.234 ug/l
 RT: 8.588 min Scan# 1111
 Delta R.T. 0.006 min
 Lab File: VN0756699.D
 Acq: 10 Dec 2022 08:45

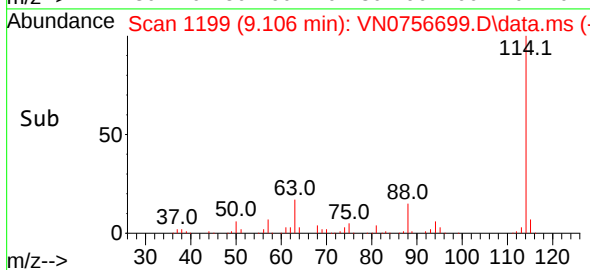
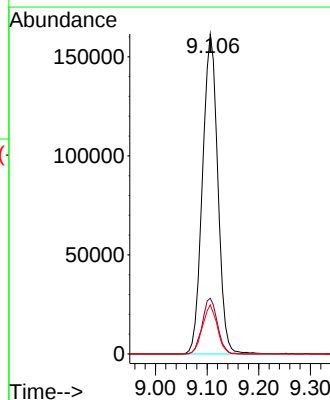
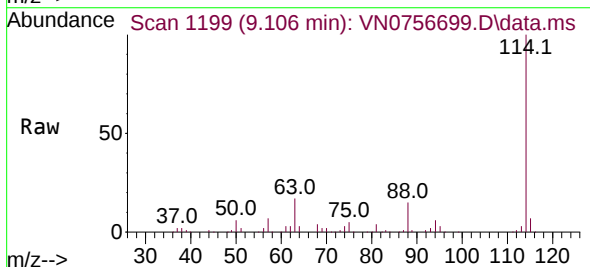
Instrument :
 MSVOA_N
 ClientSampleId :

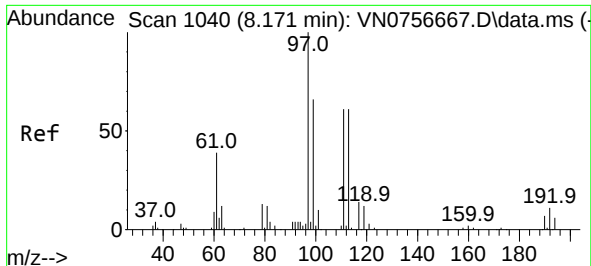
Tgt Ion: 65 Resp: 111848
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. 0.000 min
 Lab File: VN0756699.D
 Acq: 10 Dec 2022 08:45

Tgt Ion: 114 Resp: 331827
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 34.4
 88 15.3 0.0 29.2

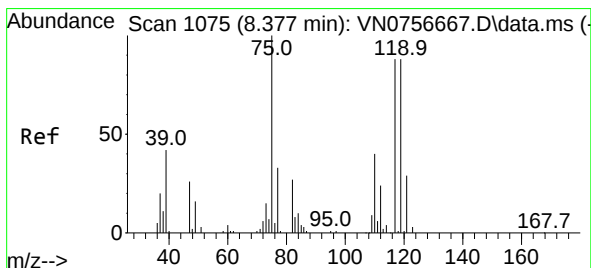
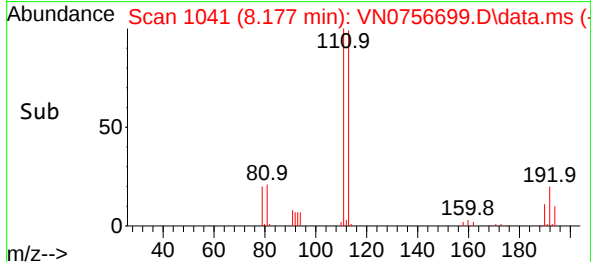
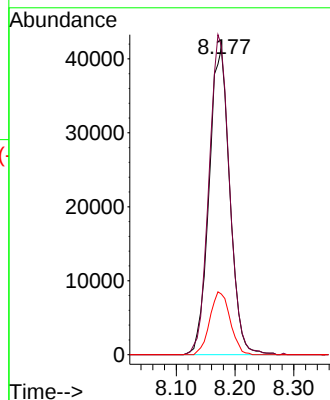
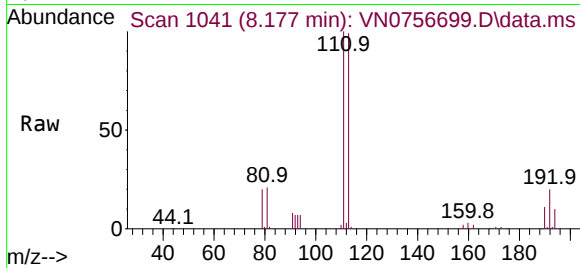




#35
Dibromofluoromethane
Concen: 50.248 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN0756699.D
Acq: 10 Dec 2022 08:45

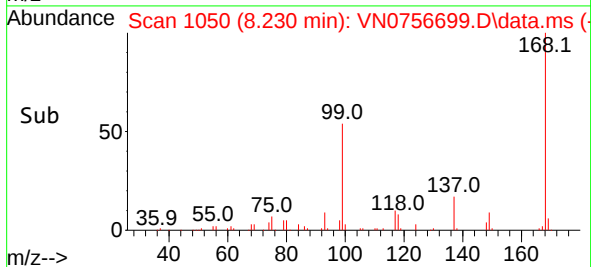
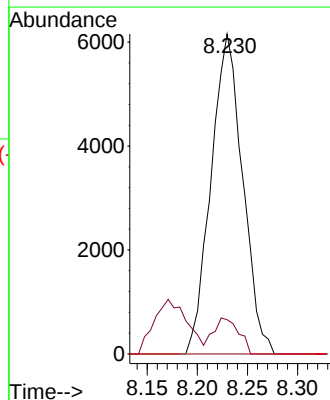
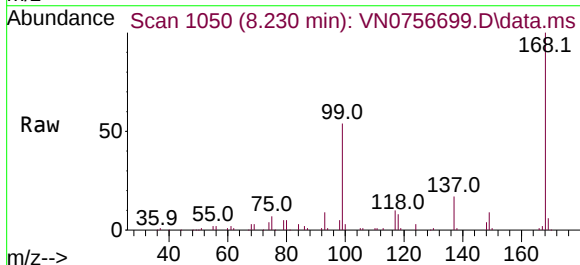
Instrument :
MSVOA_N
ClientSampleId :

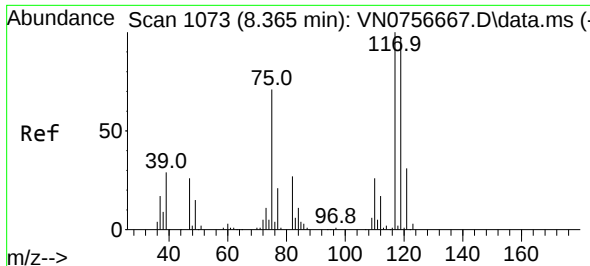
Tgt Ion:113 Resp: 101729
Ion Ratio Lower Upper
113 100
111 103.2 81.0 121.6
192 20.0 16.2 24.2



#36
1,1-Dichloropropene
Concen: 5.030 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN0756699.D
Acq: 10 Dec 2022 08:45

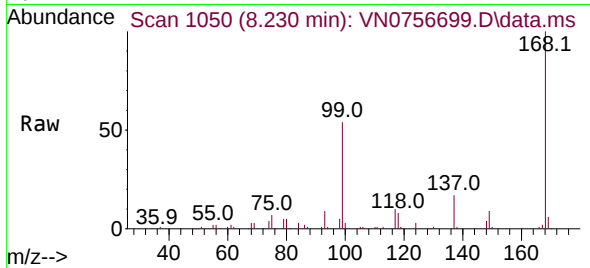
Tgt Ion: 75 Resp: 13523
Ion Ratio Lower Upper
75 100
110 9.1 18.9 56.9#
77 0.0 25.4 38.2#



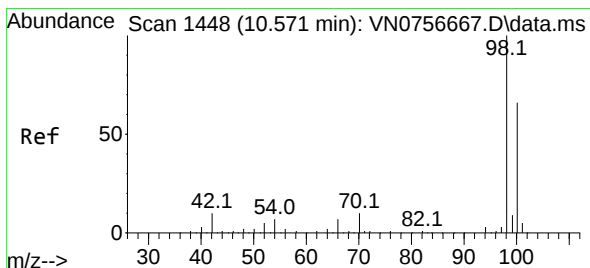
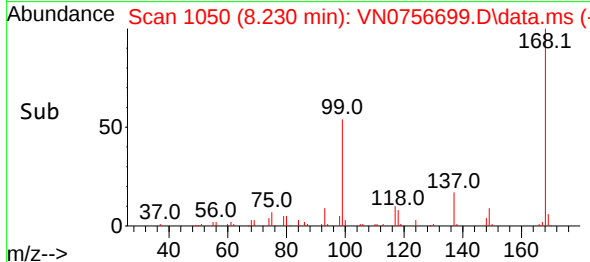
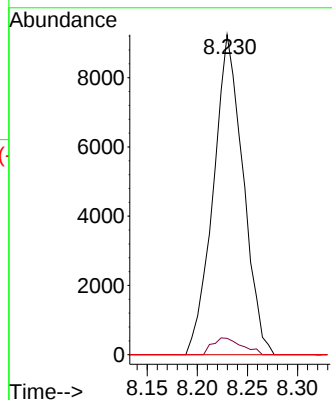


#38
Carbon Tetrachloride
Concen: 6.151 ug/l
RT: 8.230 min Scan# 1073
Delta R.T. -0.135 min
Lab File: VN0756699.D
Acq: 10 Dec 2022 08:45

Instrument :
MSVOA_N
ClientSampleId :

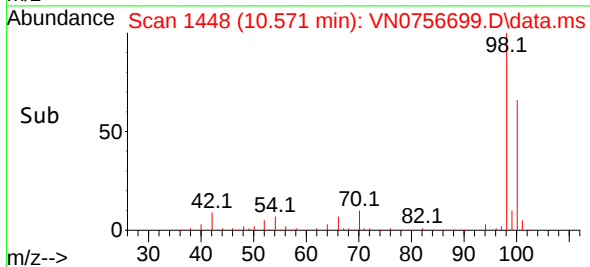
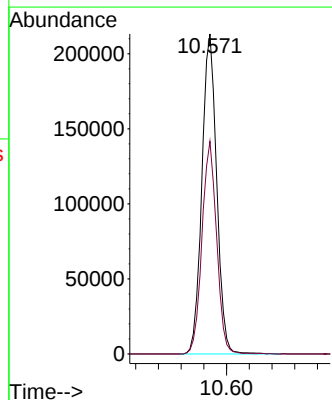
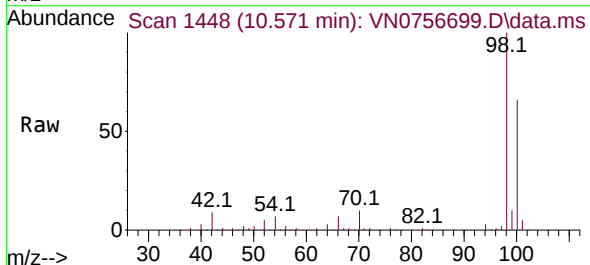


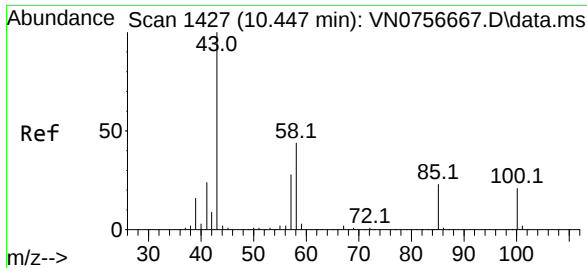
Tgt Ion:117 Resp: 19082
Ion Ratio Lower Upper
117 100
119 5.1 77.2 115.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 50.596 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN0756699.D
Acq: 10 Dec 2022 08:45

Tgt Ion: 98 Resp: 384683
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8

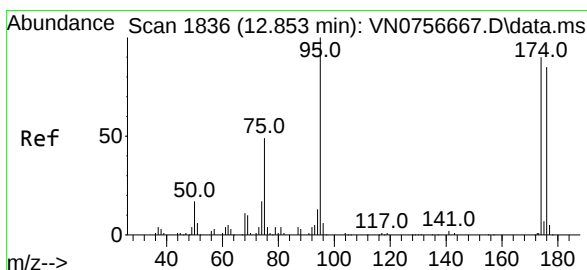
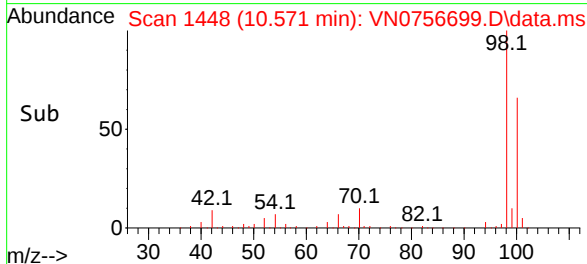
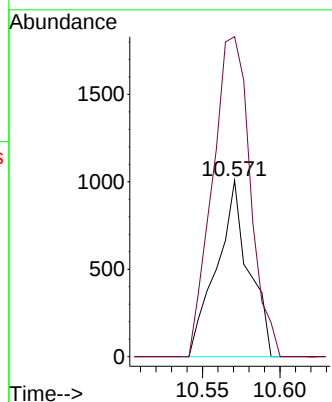
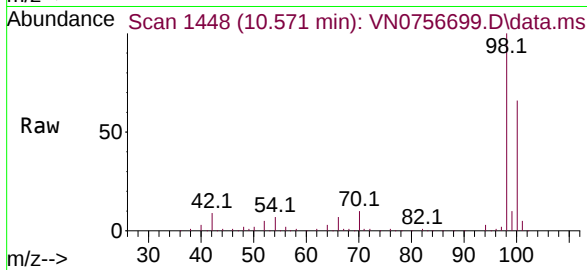




#51
4-Methyl-2-Pentanone
Concen: 0.652 ug/l
RT: 10.571 min Scan# 1427
Delta R.T. 0.124 min
Lab File: VN0756699.D
Acq: 10 Dec 2022 08:45

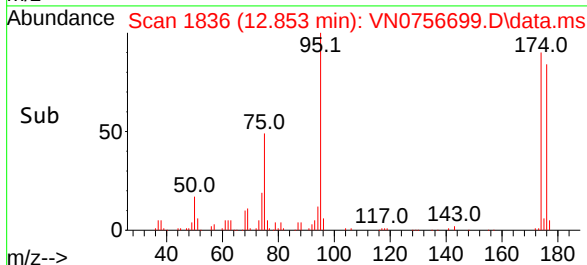
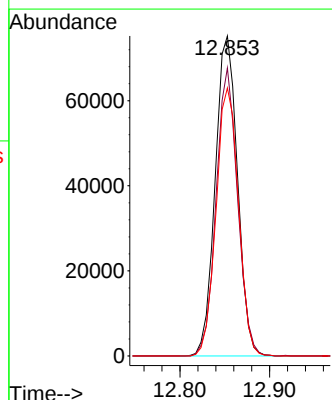
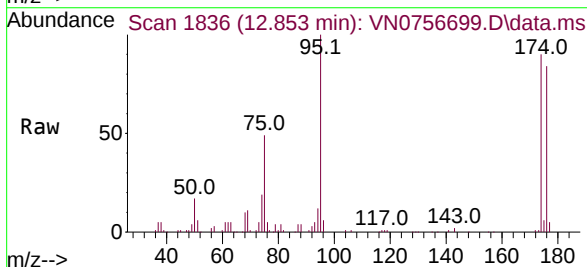
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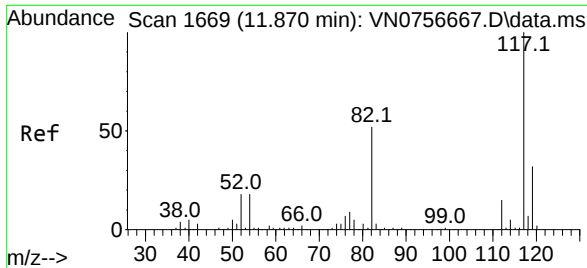
Tgt Ion: 43 Resp: 1449
Ion Ratio Lower Upper
43 100
58 214.3 35.0 52.6#



#62
4-Bromofluorobenzene
Concen: 49.884 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN0756699.D
Acq: 10 Dec 2022 08:45

Tgt Ion: 95 Resp: 129675
Ion Ratio Lower Upper
95 100
174 86.6 0.0 178.6
176 84.2 0.0 170.8

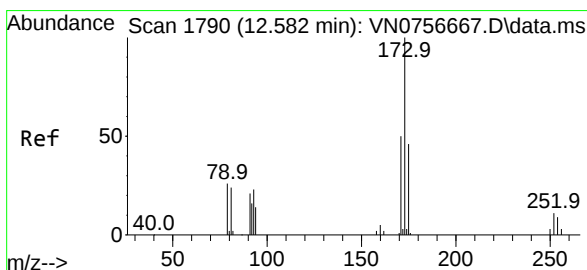
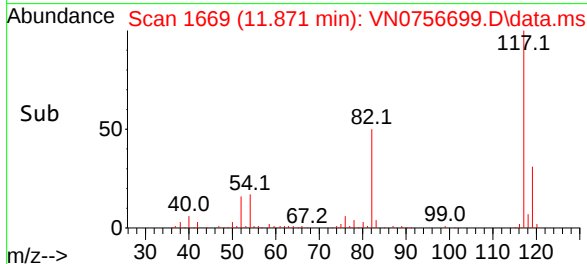
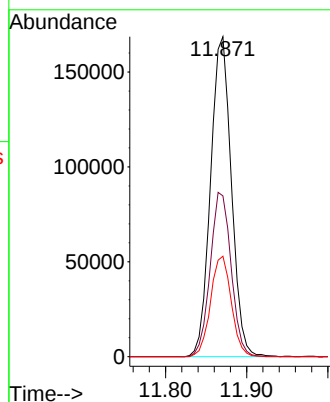
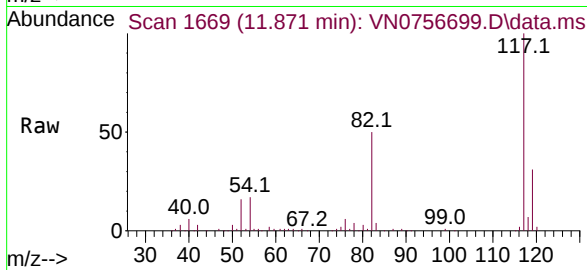




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN0756699.D
Acq: 10 Dec 2022 08:45

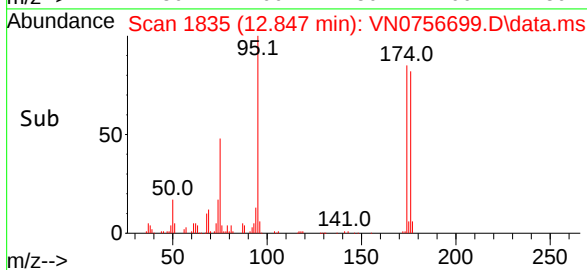
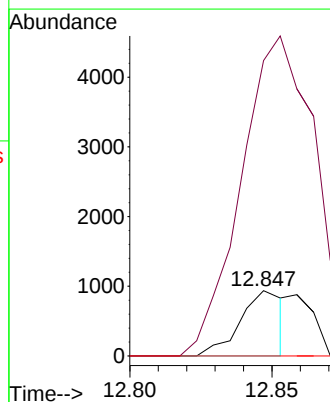
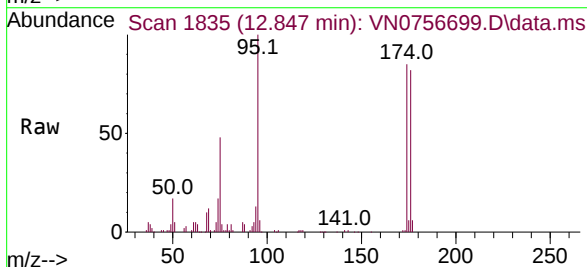
Instrument :
MSVOA_N
ClientSampleId :

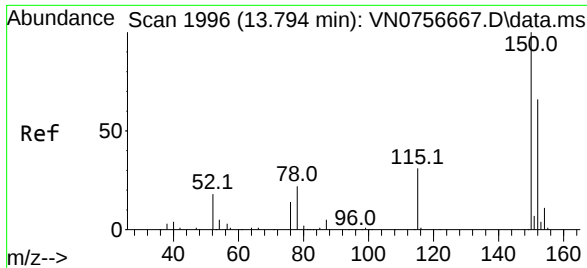
Tgt Ion:117 Resp: 300185
Ion Ratio Lower Upper
117 100
82 50.2 41.8 62.8
119 31.4 25.8 38.6



#71
Bromoform
Concen: 0.585 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN0756699.D
Acq: 10 Dec 2022 08:45

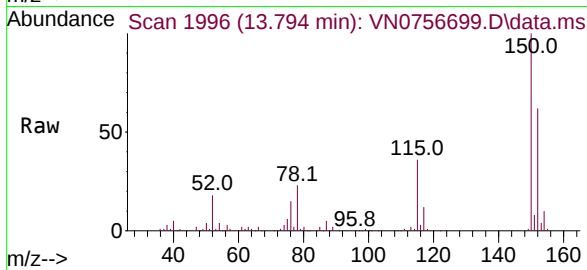
Tgt Ion:173 Resp: 997
Ion Ratio Lower Upper
173 100
175 648.7 23.8 71.2#
254 0.0 0.0 0.0



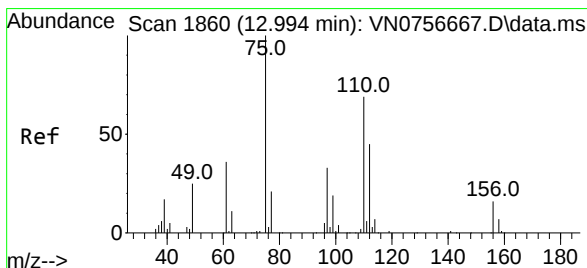
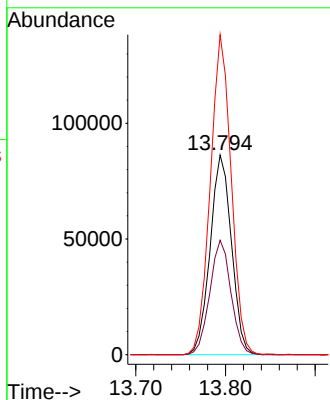
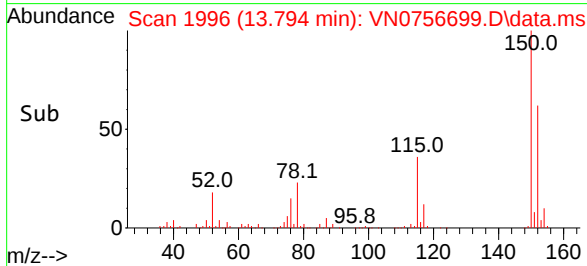


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN0756699.D
Acq: 10 Dec 2022 08:45

Instrument :
MSVOA_N
ClientSampleId :

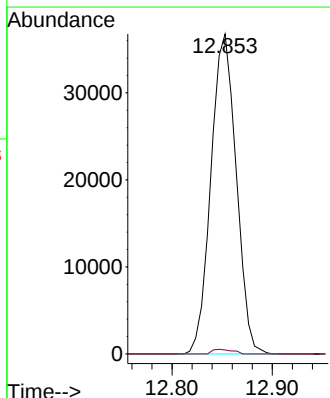
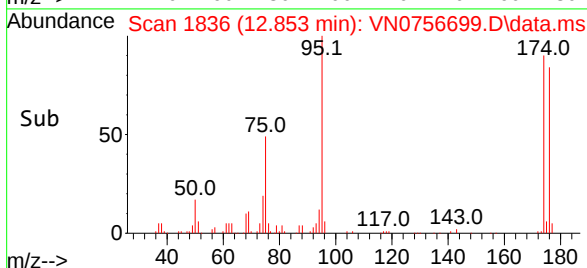
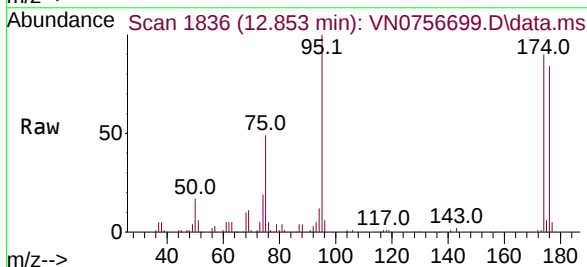


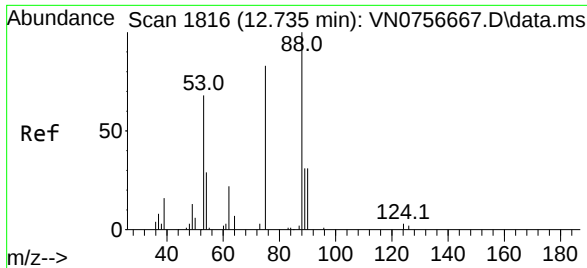
Tgt Ion:152 Resp: 142416
Ion Ratio Lower Upper
152 100
115 56.9 28.4 85.2
150 156.9 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 22.546 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN0756699.D
Acq: 10 Dec 2022 08:45

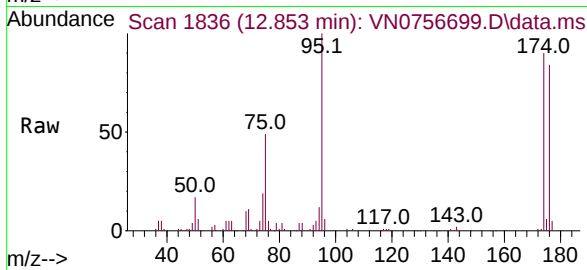
Tgt Ion: 75 Resp: 64484
Ion Ratio Lower Upper
75 100
77 1.2 81.8 245.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 72.198 ug/l
RT: 12.853 min Scan# 1816
Delta R.T. 0.118 min
Lab File: VN0756699.D
Acq: 10 Dec 2022 08:45

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 64484
Ion Ratio Lower Upper
75 100
53 0.0 72.4 108.6#
89 0.0 36.6 55.0#

