

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN0756693.D
 Acq On : 10 Dec 2022 06:22
 Operator : JC\MD
 Sample : N5989-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 12 04:56:07 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)

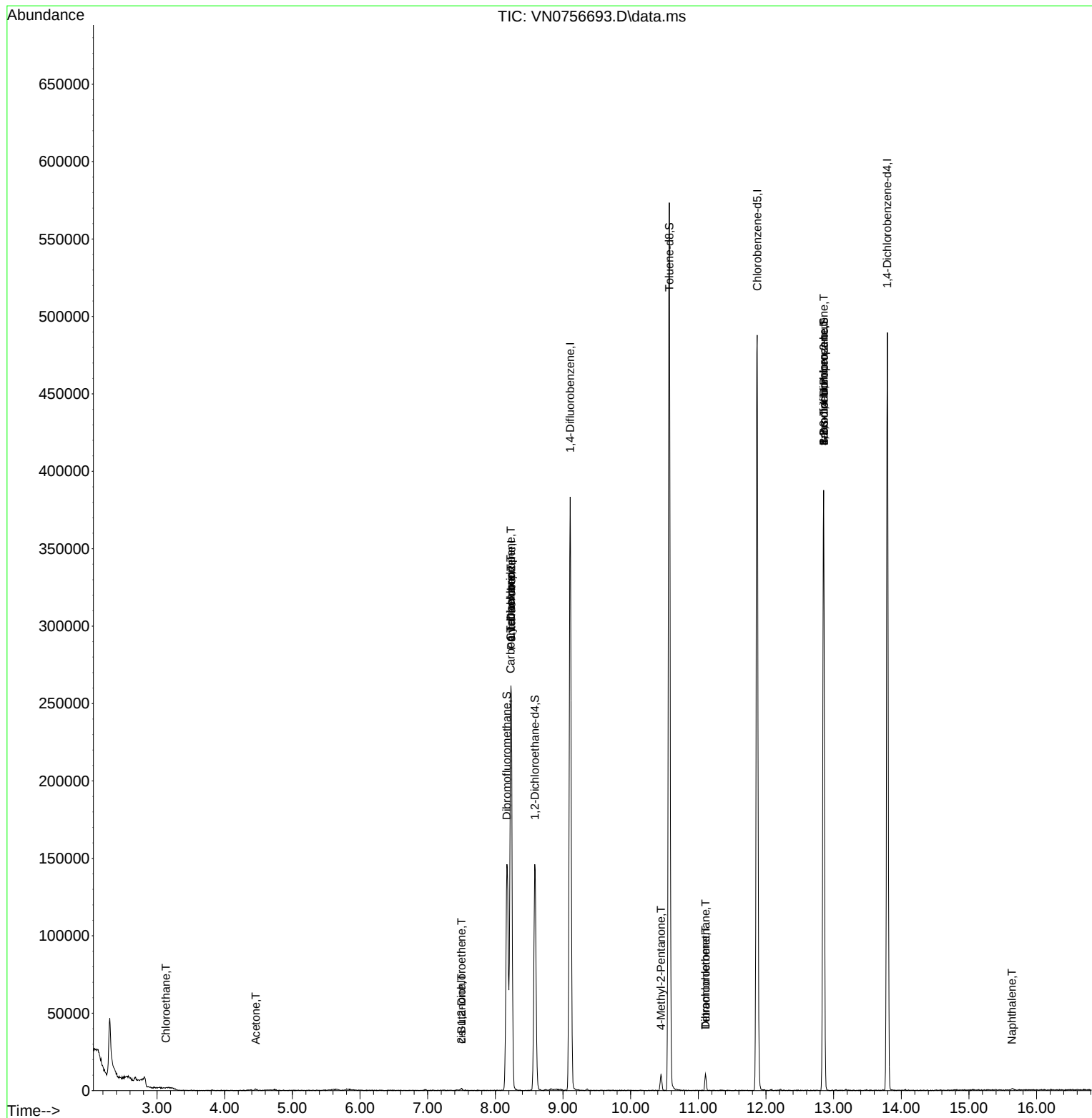
Internal Standards						
1) Pentafluorobenzene	8.235	168	210975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	350286	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	312182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	138833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	118222	52.813	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.620%			
35) Dibromofluoromethane	8.171	113	107204	50.162	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.320%			
50) Toluene-d8	10.571	98	409862	51.067	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.140%			
62) 4-Bromofluorobenzene	12.853	95	129744	47.281	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.560%			
Target Compounds						Qvalue
6) Chloroethane	3.130	64	365	0.215	ug/l #	43
16) Acetone	4.459	43	1825	2.407	ug/l #	83
25) 2-Butanone	7.500	43	451	0.407	ug/l #	43
27) cis-1,2-Dichloroethene	7.500	96	564	0.230	ug/l	66
31) Cyclohexane	8.230	56	4122	1.244	ug/l #	54
36) 1,1-Dichloropropene	8.230	75	15235	5.369	ug/l #	48
38) Carbon Tetrachloride	8.224	117	19764	6.035	ug/l #	15
51) 4-Methyl-2-Pentanone	10.447	43	6745	2.876	ug/l	98
60) Dibromochloromethane	11.106	129	2410	0.968	ug/l #	11
64) Tetrachloroethene	11.106	164	2553	1.123	ug/l	97
71) Bromoform	12.853	173	817	0.461	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	64764	23.229	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	64764	74.301	ug/l #	13
95) Naphthalene	15.635	128	1452	0.219	ug/l #	70

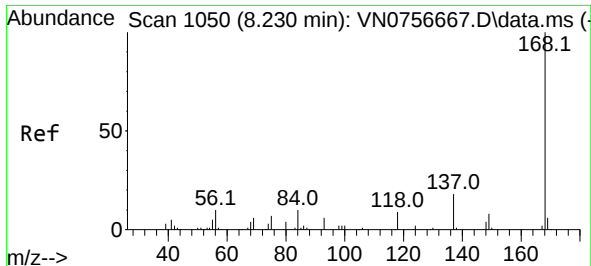
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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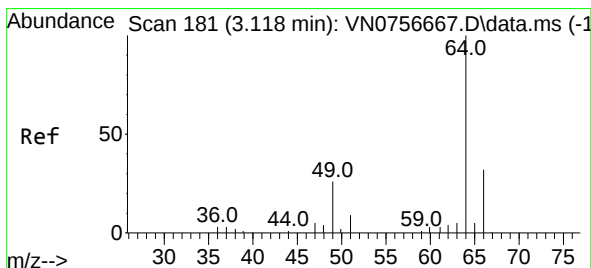
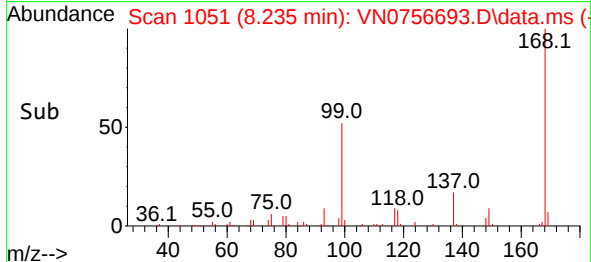
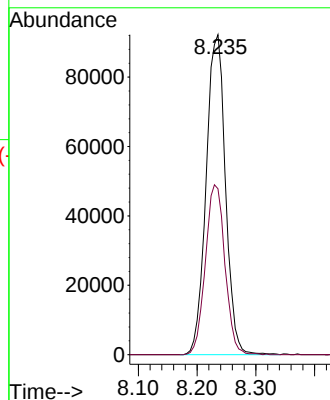
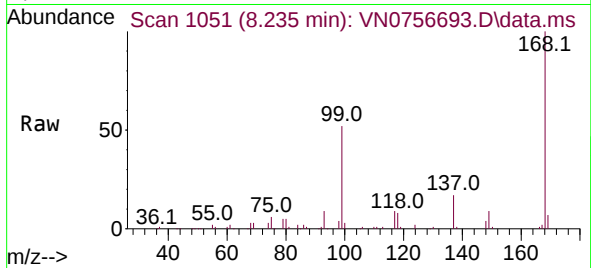




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN0756693.D
Acq: 10 Dec 2022 06:22

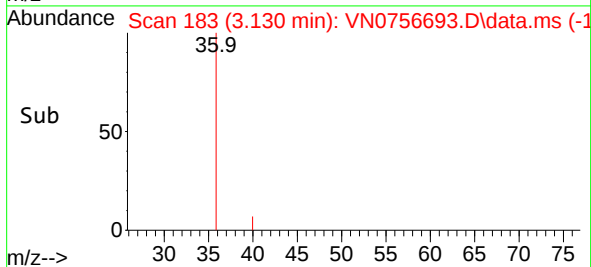
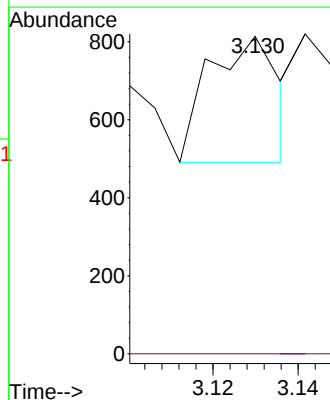
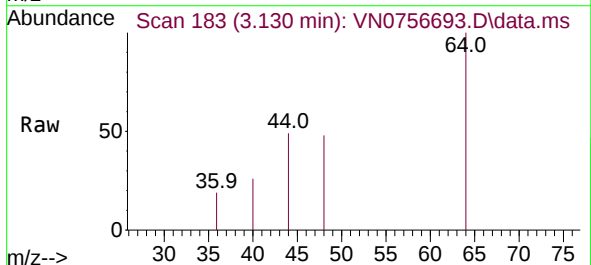
Instrument :
MSVOA_N
ClientSampleId :

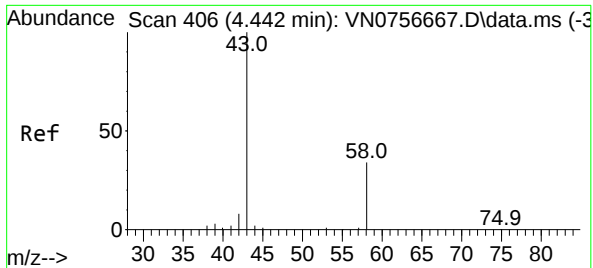
Tgt Ion:168 Resp: 210975
Ion Ratio Lower Upper
168 100
99 51.8 41.2 61.8



#6
Chloroethane
Concen: 0.215 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN0756693.D
Acq: 10 Dec 2022 06:22

Tgt Ion: 64 Resp: 365
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#





#16

Acetone

Concen: 2.407 ug/l

RT: 4.459 min Scan# 406

Delta R.T. 0.018 min

Lab File: VN0756693.D

Acq: 10 Dec 2022 06:22

Instrument :

MSVOA_N

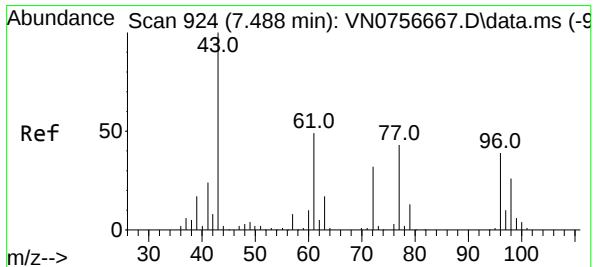
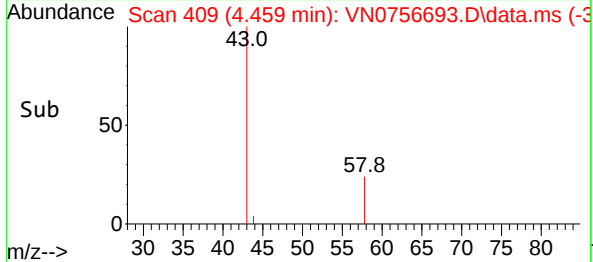
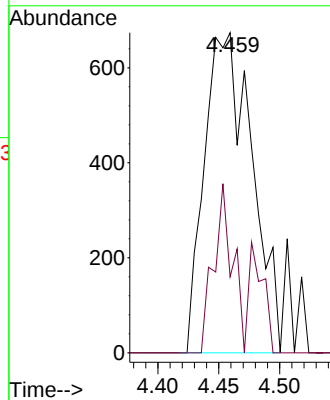
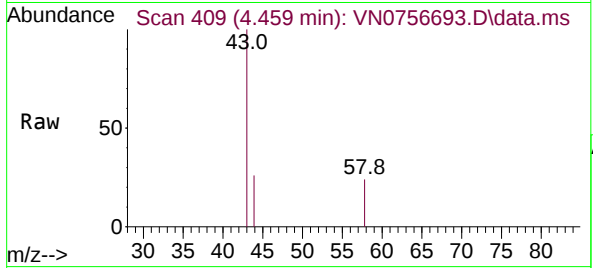
ClientSampleId :

Tgt Ion: 43 Resp: 1825

Ion Ratio Lower Upper

43 100

58 23.7 27.0 40.4#



#25

2-Butanone

Concen: 0.407 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.012 min

Lab File: VN0756693.D

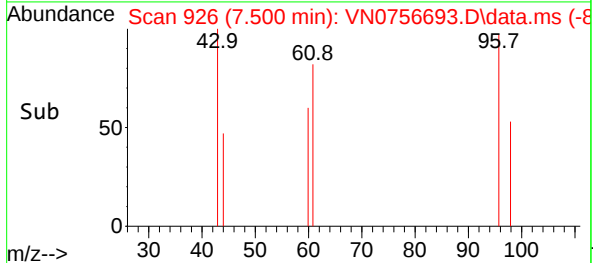
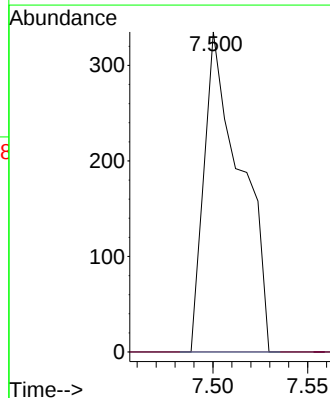
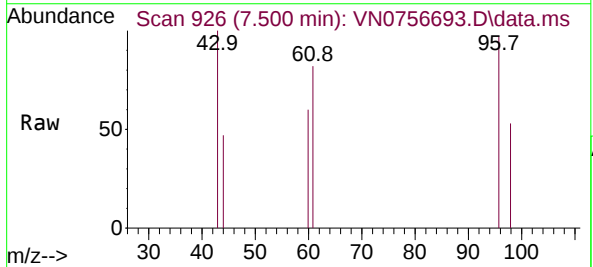
Acq: 10 Dec 2022 06:22

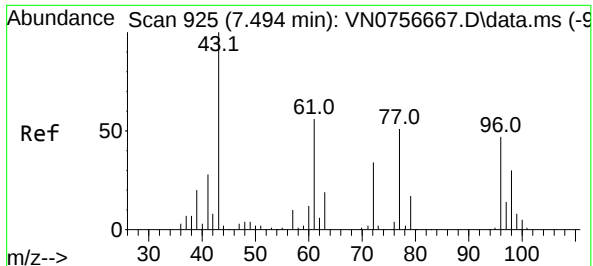
Tgt Ion: 43 Resp: 451

Ion Ratio Lower Upper

43 100

72 0.0 25.3 37.9#





#27

cis-1,2-Dichloroethene

Concen: 0.230 ug/l

RT: 7.500 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN0756693.D

Acq: 10 Dec 2022 06:22

Instrument :

MSVOA_N

ClientSampleId :

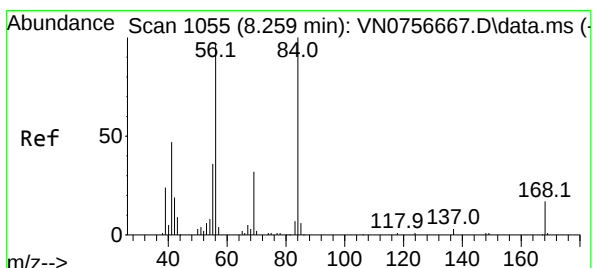
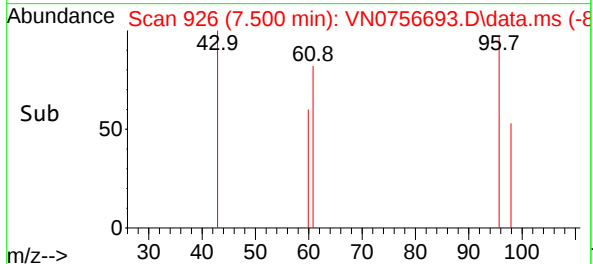
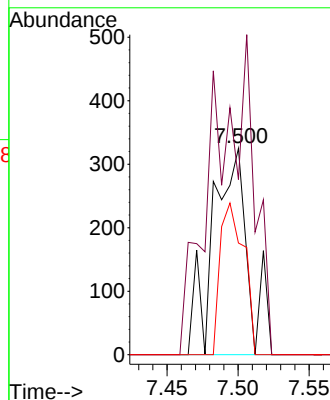
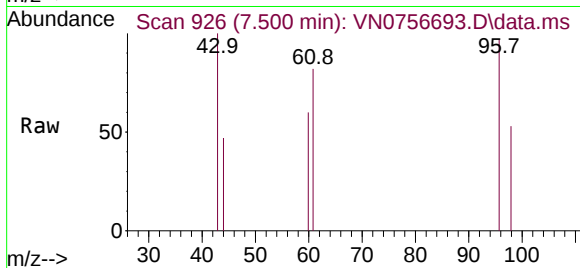
Tgt Ion: 96 Resp: 564

Ion Ratio Lower Upper

96 100

61 76.8 0.0 247.8

98 49.1 0.0 126.0



#31

Cyclohexane

Concen: 1.244 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.029 min

Lab File: VN0756693.D

Acq: 10 Dec 2022 06:22

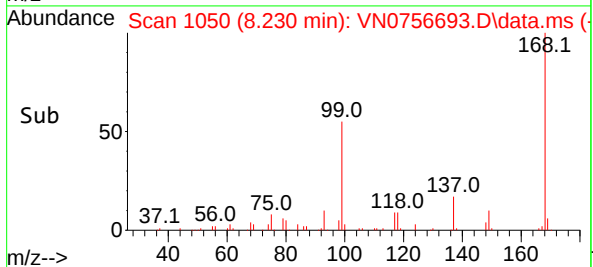
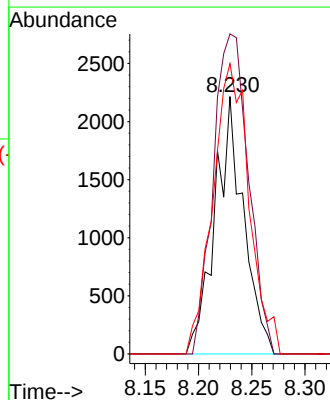
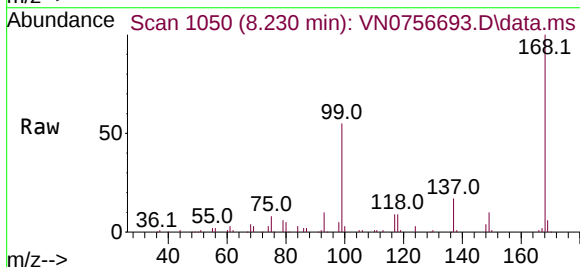
Tgt Ion: 56 Resp: 4122

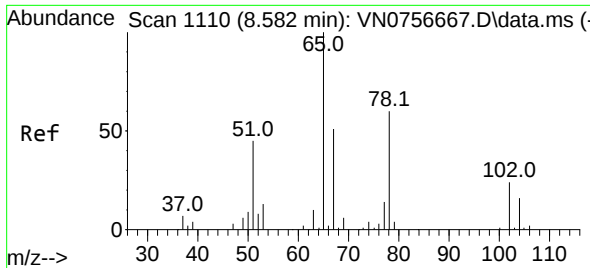
Ion Ratio Lower Upper

56 100

69 124.3 26.2 39.2#

84 112.8 82.8 124.2

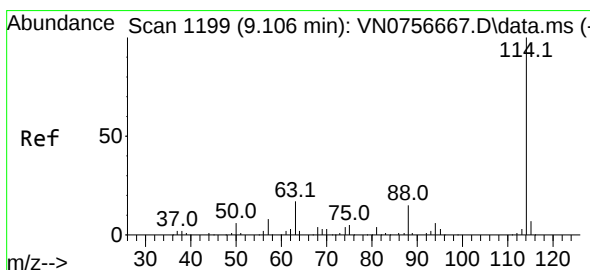
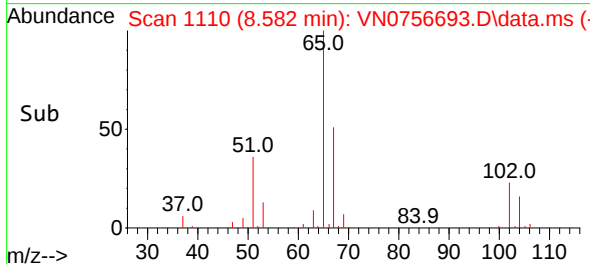
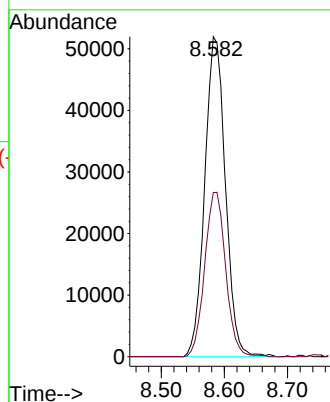
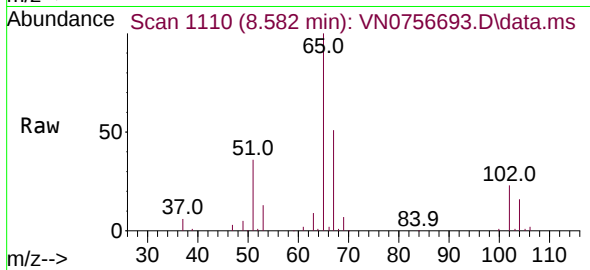




#33
 1,2-Dichloroethane-d4
 Concen: 52.813 ug/l
 RT: 8.582 min Scan# 1110
 Delta R.T. 0.000 min
 Lab File: VN0756693.D
 Acq: 10 Dec 2022 06:22

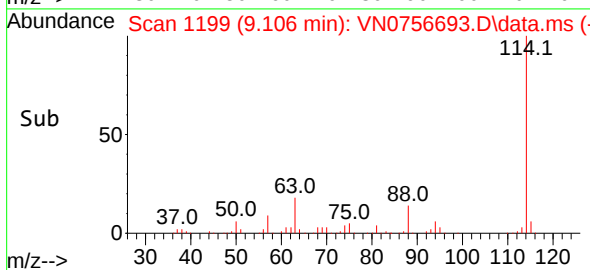
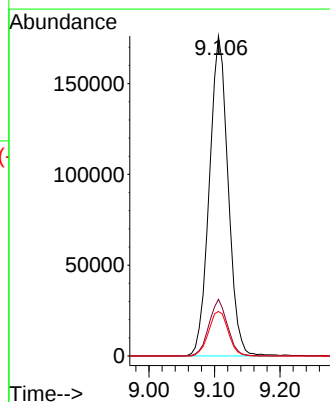
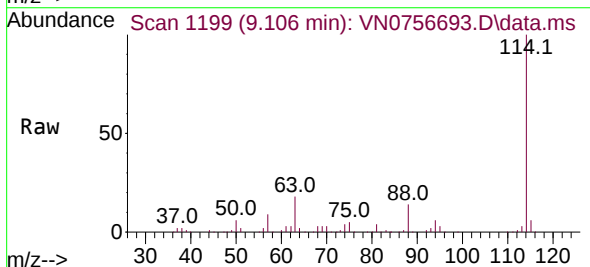
Instrument :
 MSVOA_N
 ClientSampleId :

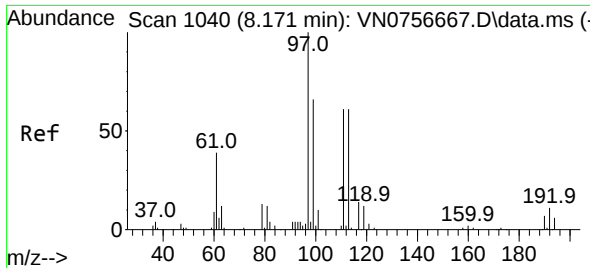
Tgt Ion: 65 Resp: 118222
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. 0.000 min
 Lab File: VN0756693.D
 Acq: 10 Dec 2022 06:22

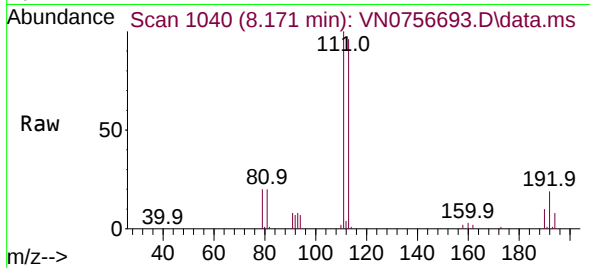
Tgt Ion: 114 Resp: 350286
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 34.4
 88 13.9 0.0 29.2



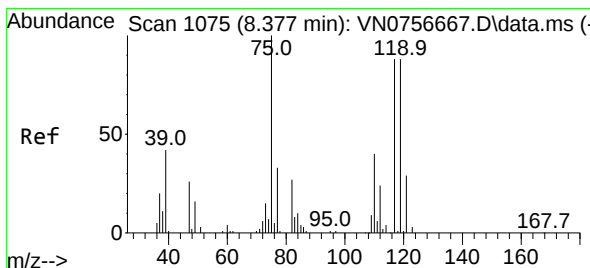
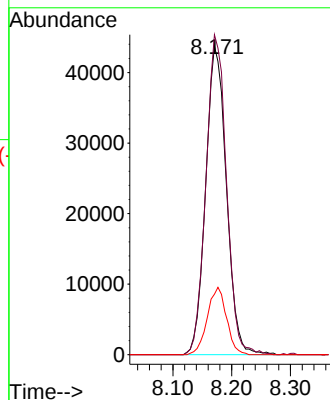
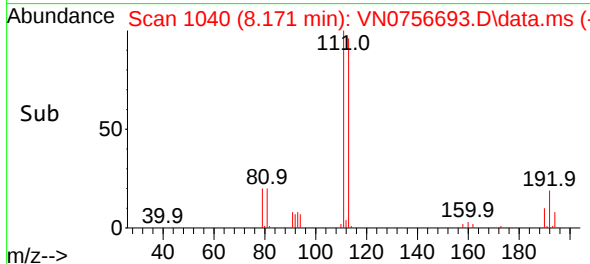


#35
Dibromofluoromethane
Concen: 50.162 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN0756693.D
Acq: 10 Dec 2022 06:22

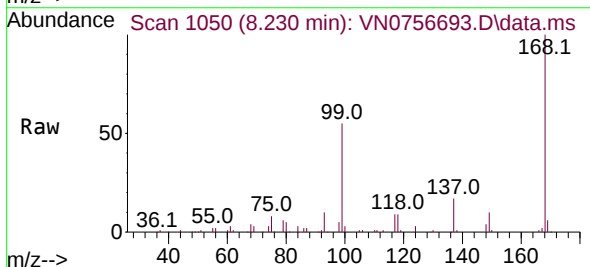
Instrument :
MSVOA_N
ClientSampleId :



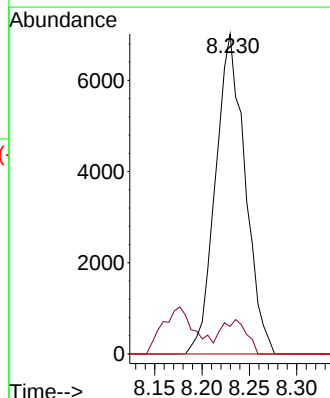
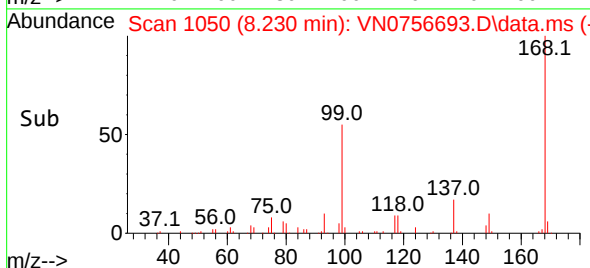
Tgt Ion:113 Resp: 107204
Ion Ratio Lower Upper
113 100
111 102.9 81.0 121.6
192 20.2 16.2 24.2

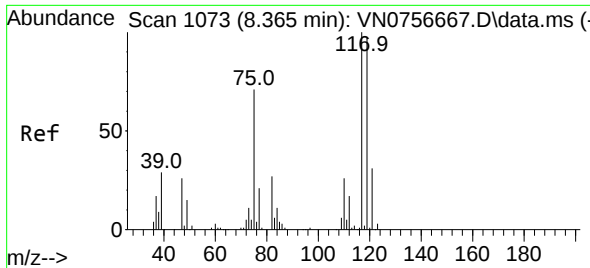


#36
1,1-Dichloropropene
Concen: 5.369 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN0756693.D
Acq: 10 Dec 2022 06:22



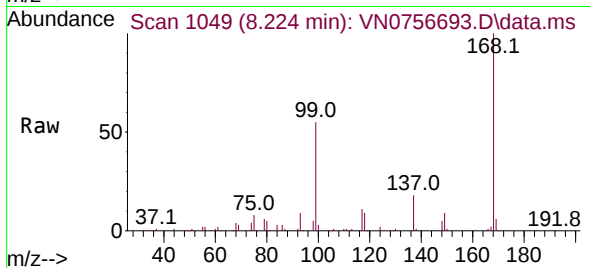
Tgt Ion: 75 Resp: 15235
Ion Ratio Lower Upper
75 100
110 9.1 18.9 56.9#
77 0.0 25.4 38.2#



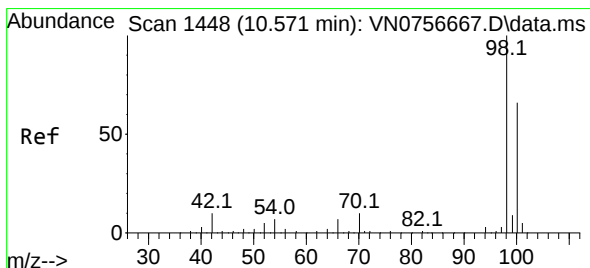
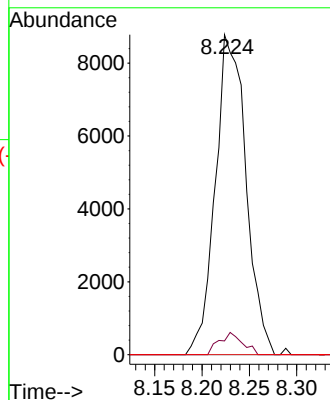
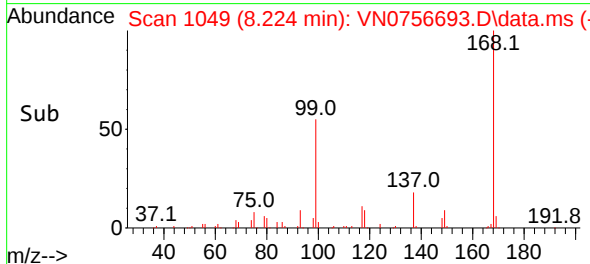


#38
Carbon Tetrachloride
Concen: 6.035 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.141 min
Lab File: VN0756693.D
Acq: 10 Dec 2022 06:22

Instrument :
MSVOA_N
ClientSampleId :

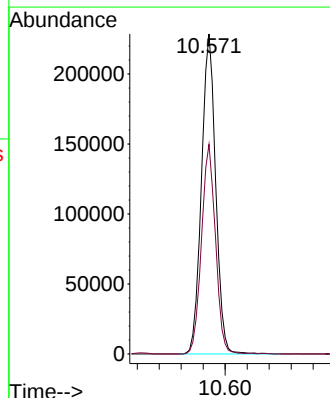
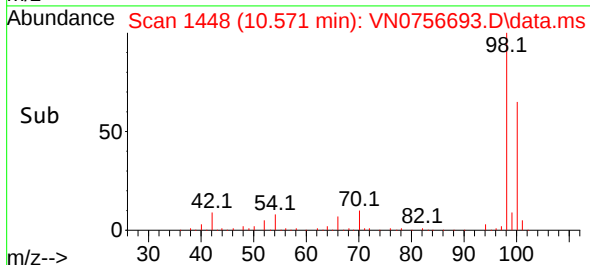
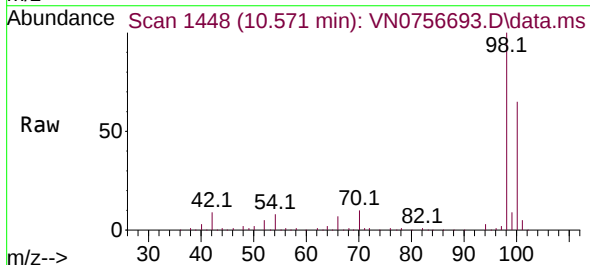


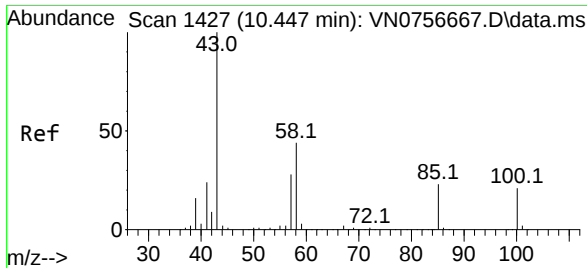
Tgt Ion:117 Resp: 19764
Ion Ratio Lower Upper
117 100
119 4.3 77.2 115.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 51.067 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN0756693.D
Acq: 10 Dec 2022 06:22

Tgt Ion: 98 Resp: 409862
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8

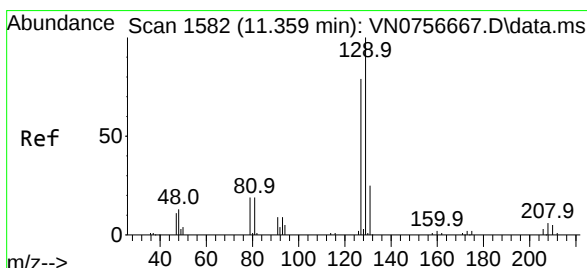
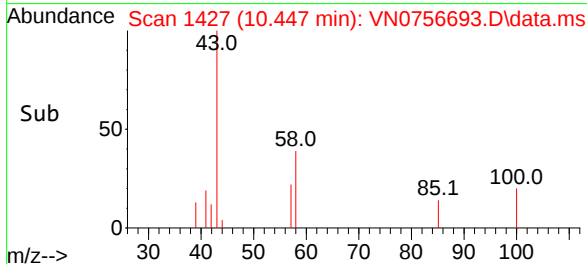
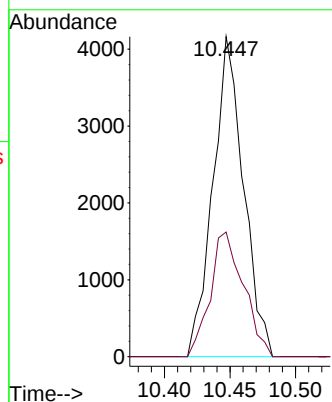
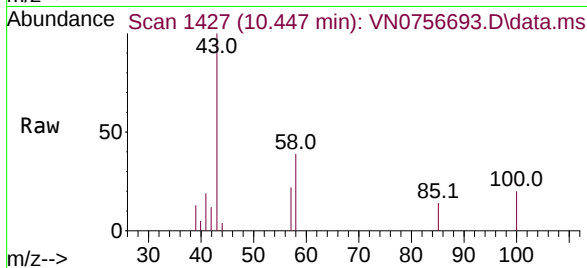




#51
4-Methyl-2-Pentanone
Concen: 2.876 ug/l
RT: 10.447 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN0756693.D
Acq: 10 Dec 2022 06:22

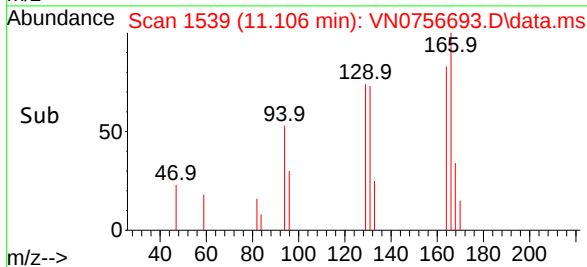
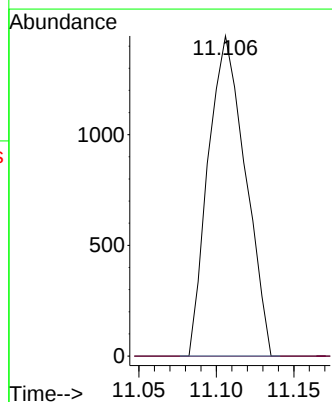
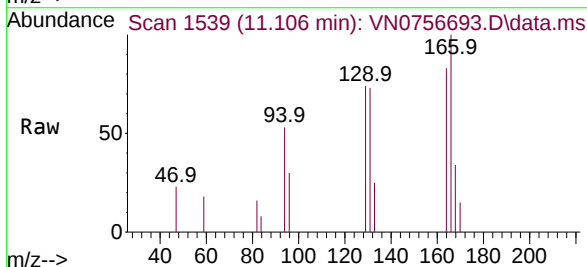
Instrument :
MSVOA_N
ClientSampleId :

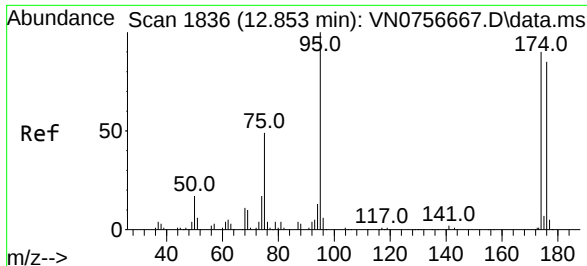
Tgt Ion: 43 Resp: 6745
Ion Ratio Lower Upper
43 100
58 42.4 35.0 52.6



#60
Dibromochloromethane
Concen: 0.968 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.253 min
Lab File: VN0756693.D
Acq: 10 Dec 2022 06:22

Tgt Ion: 129 Resp: 2410
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

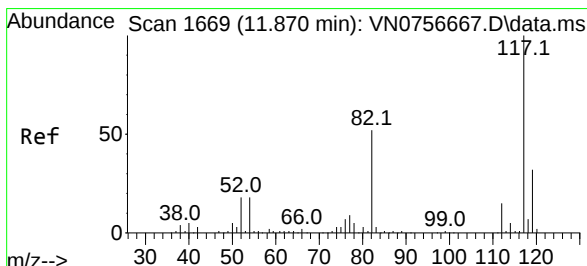
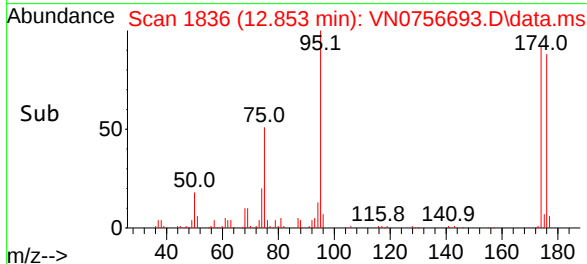
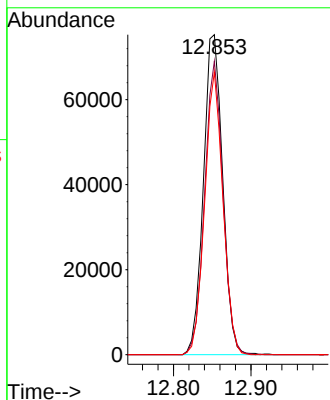
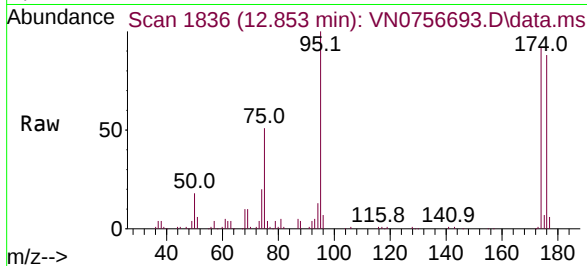




#62
4-Bromofluorobenzene
Concen: 47.281 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN0756693.D
Acq: 10 Dec 2022 06:22

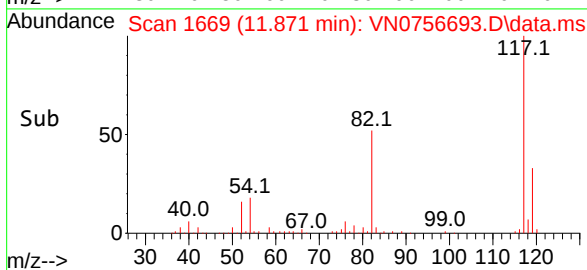
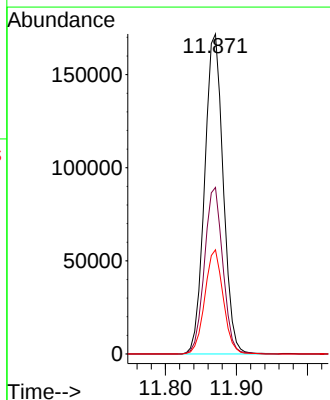
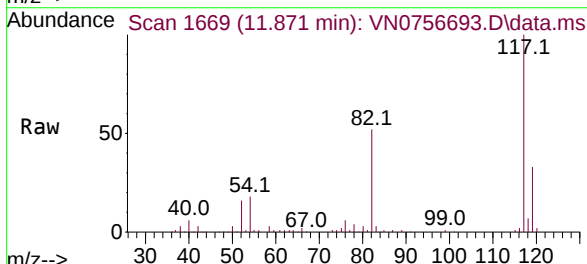
Instrument :
MSVOA_N
ClientSampleId :

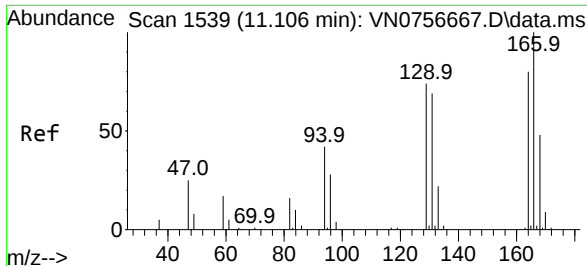
Tgt Ion: 95 Resp: 129744
Ion Ratio Lower Upper
95 100
174 87.5 0.0 178.6
176 83.8 0.0 170.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN0756693.D
Acq: 10 Dec 2022 06:22

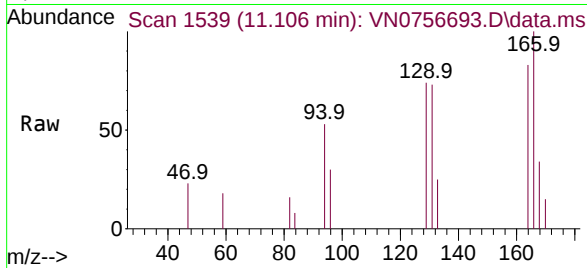
Tgt Ion: 117 Resp: 312182
Ion Ratio Lower Upper
117 100
82 52.0 41.8 62.8
119 32.6 25.8 38.6



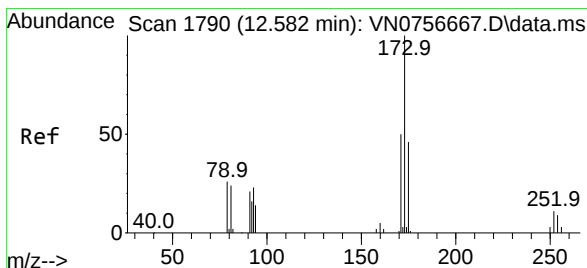
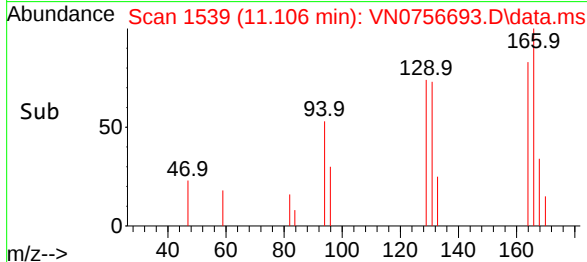
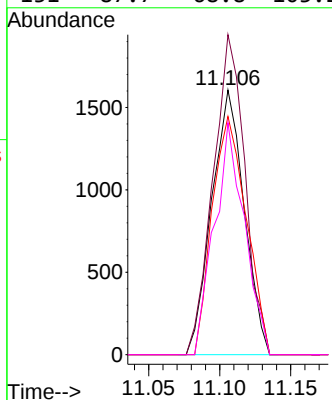


#64
Tetrachloroethene
Concen: 1.123 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN0756693.D
Acq: 10 Dec 2022 06:22

Instrument :
MSVOA_N
ClientSampleId :

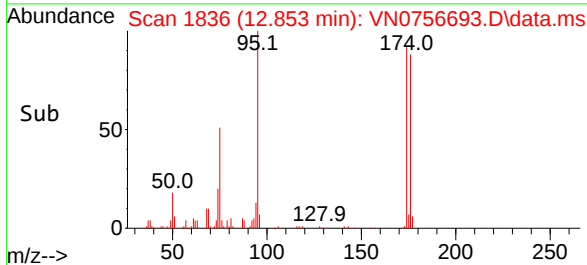
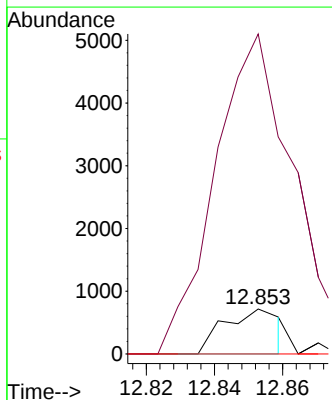
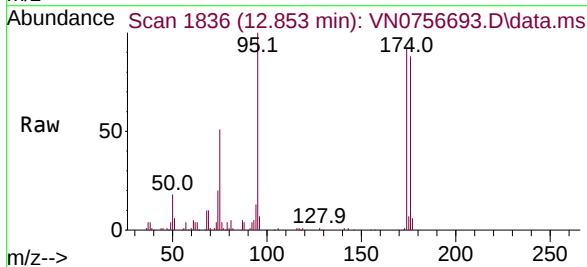


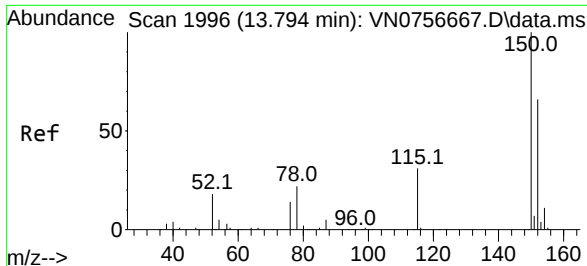
Tgt Ion:164 Resp: 2553
Ion Ratio Lower Upper
164 100
166 120.9 100.3 150.5
129 90.0 73.9 110.9
131 87.7 68.8 103.2



#71
Bromoform
Concen: 0.461 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN0756693.D
Acq: 10 Dec 2022 06:22

Tgt Ion:173 Resp: 817
Ion Ratio Lower Upper
173 100
175 793.9 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: VN0756693.D

Acq: 10 Dec 2022 06:22

Instrument :

MSVOA_N

ClientSampleId :

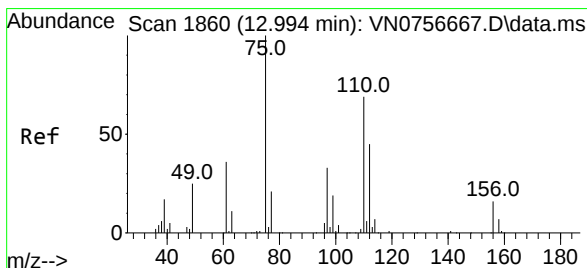
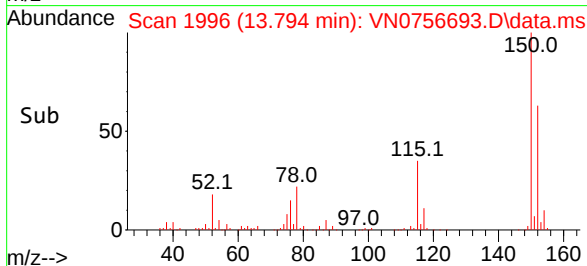
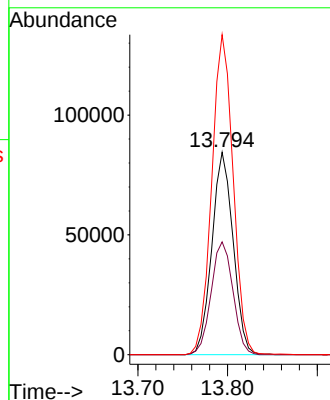
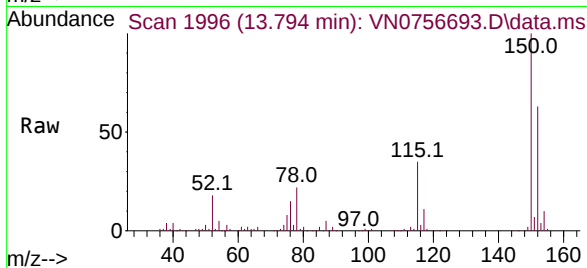
Tgt Ion:152 Resp: 138833

Ion Ratio Lower Upper

152 100

115 57.3 28.4 85.2

150 159.1 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 23.229 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN0756693.D

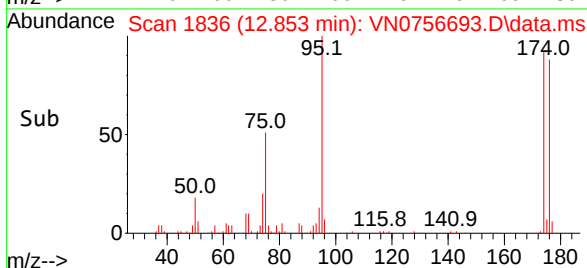
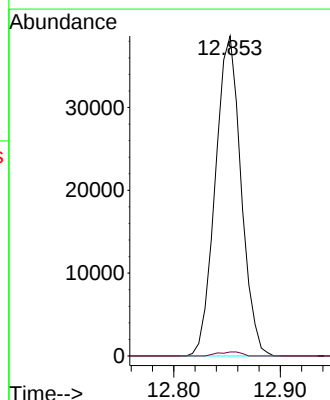
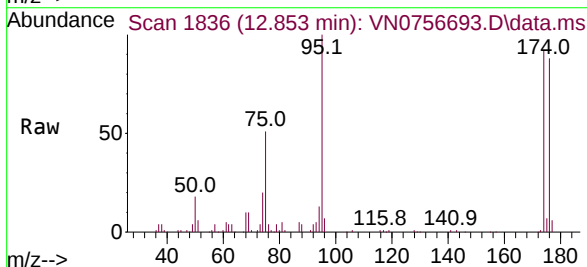
Acq: 10 Dec 2022 06:22

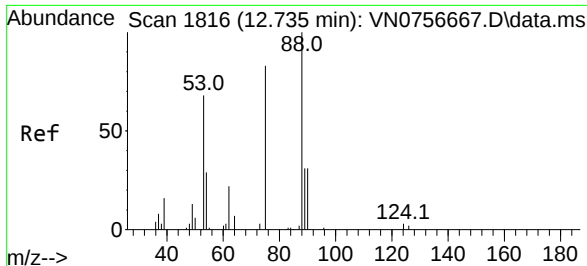
Tgt Ion: 75 Resp: 64764

Ion Ratio Lower Upper

75 100

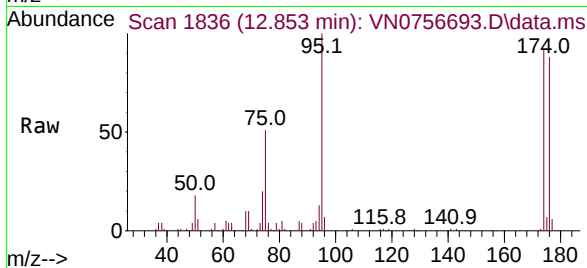
77 1.2 81.8 245.4#



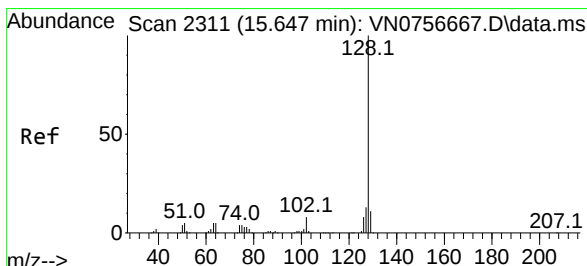
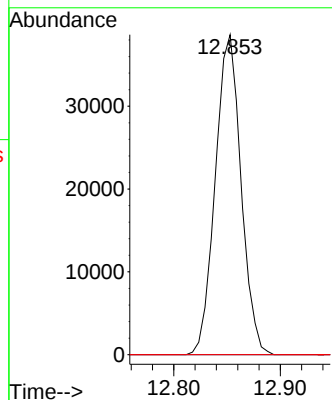
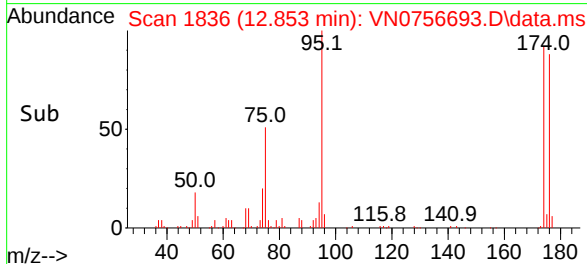


#81
trans-1,4-Dichloro-2-butene
Concen: 74.301 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN0756693.D
Acq: 10 Dec 2022 06:22

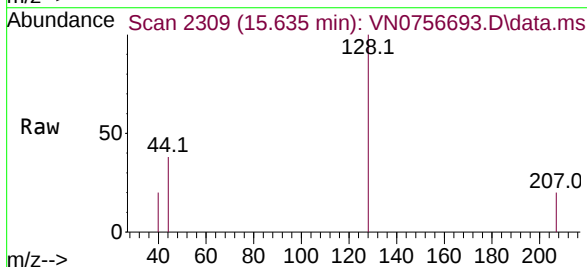
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 64764
Ion Ratio Lower Upper
75 100
53 0.0 72.4 108.6#
89 0.0 36.6 55.0#



#95
Naphthalene
Concen: 0.219 ug/l
RT: 15.635 min Scan# 2309
Delta R.T. -0.012 min
Lab File: VN0756693.D
Acq: 10 Dec 2022 06:22



Tgt Ion: 128 Resp: 1452
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.4 12.6#

