

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN0756689.D
 Acq On : 10 Dec 2022 04:46
 Operator : JC\MD
 Sample : N5989-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 12 04:26:15 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)

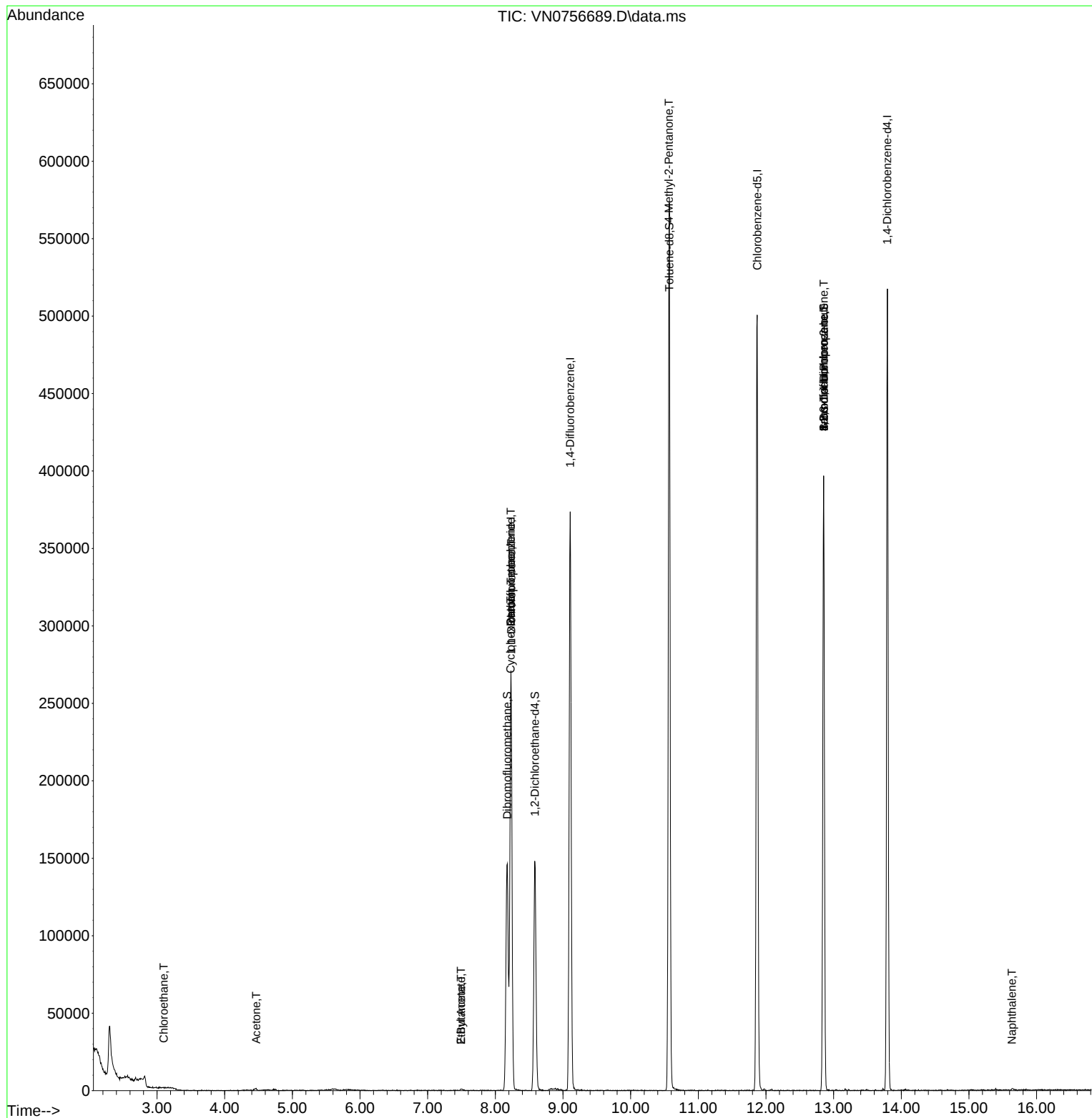
Internal Standards						
1) Pentafluorobenzene	8.229	168	209600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	349767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	314321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	145998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	119953	53.938	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.880%			
35) Dibromofluoromethane	8.177	113	107607	50.425	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.860%			
50) Toluene-d8	10.570	98	406446	50.717	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.440%			
62) 4-Bromofluorobenzene	12.853	95	134563	49.110	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.220%			
Target Compounds						Qvalue
6) Chloroethane	3.100	64	522	0.310	ug/l #	43
16) Acetone	4.465	43	2557	3.395	ug/l #	84
25) 2-Butanone	7.494	43	1787	1.623	ug/l	89
31) Cyclohexane	8.224	56	3865	1.174	ug/l #	35
36) 1,1-Dichloropropene	8.235	75	14623	5.161	ug/l #	49
37) Ethyl Acetate	7.494	43	1787	0.785	ug/l #	64
38) Carbon Tetrachloride	8.229	117	20723	6.338	ug/l #	15
51) 4-Methyl-2-Pentanone	10.565	43	1331	0.568	ug/l #	1
71) Bromoform	12.853	173	991	0.556	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	67478	23.014	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	67478	73.641	ug/l #	13
95) Naphthalene	15.635	128	1709	0.246	ug/l #	74

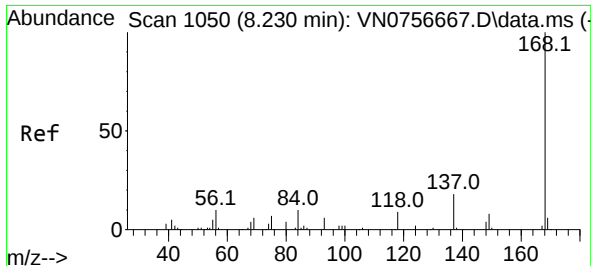
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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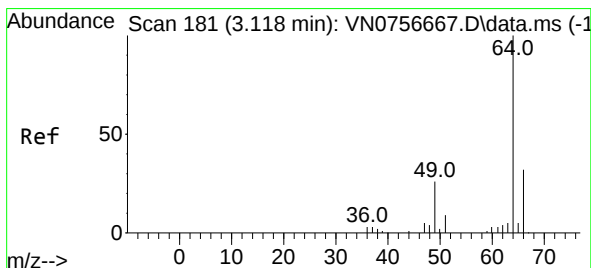
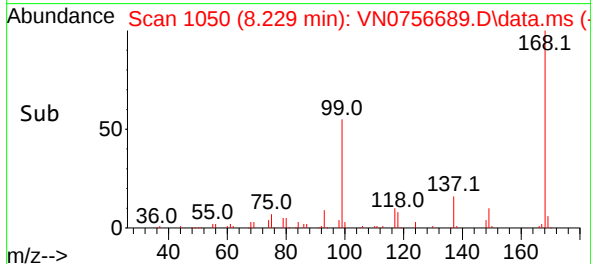
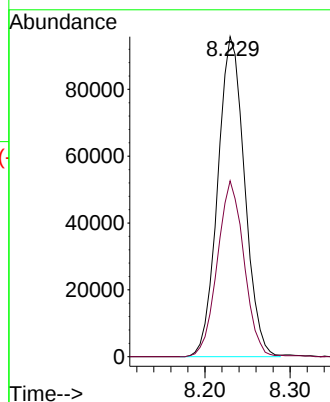
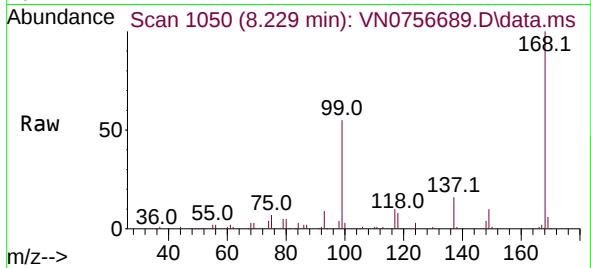




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN0756689.D
Acq: 10 Dec 2022 04:46

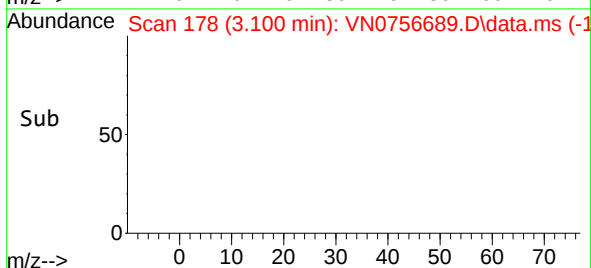
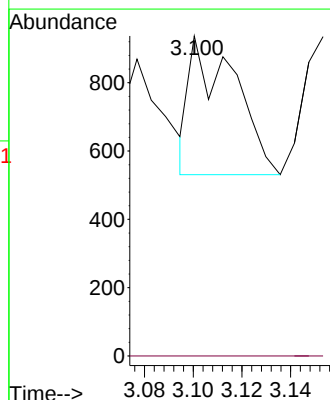
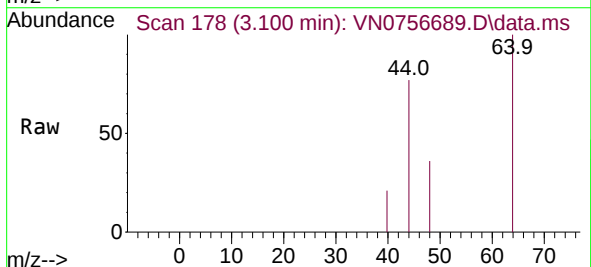
Instrument :
MSVOA_N
ClientSampleId :

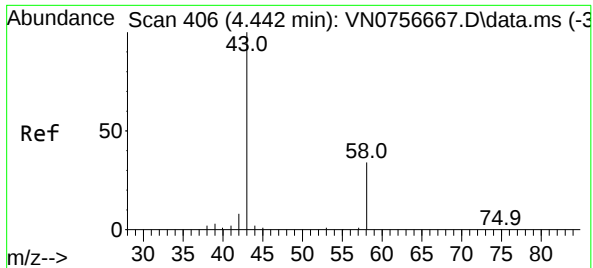
Tgt Ion:168 Resp: 209600
Ion Ratio Lower Upper
168 100
99 54.9 41.2 61.8



#6
Chloroethane
Concen: 0.310 ug/l
RT: 3.100 min Scan# 178
Delta R.T. -0.018 min
Lab File: VN0756689.D
Acq: 10 Dec 2022 04:46

Tgt Ion: 64 Resp: 522
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#





#16

Acetone

Concen: 3.395 ug/l

RT: 4.465 min Scan# 410

Delta R.T. 0.023 min

Lab File: VN0756689.D

Acq: 10 Dec 2022 04:46

Instrument :

MSVOA_N

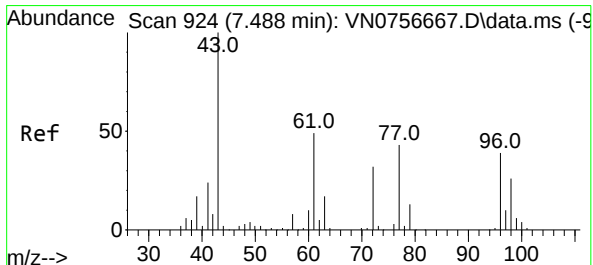
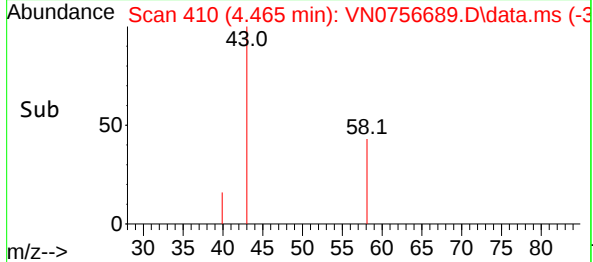
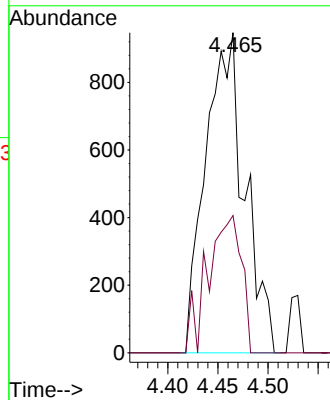
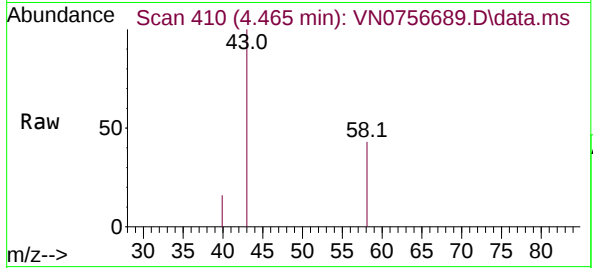
ClientSampleId :

Tgt Ion: 43 Resp: 2557

Ion Ratio Lower Upper

43 100

58 42.9 27.0 40.4#



#25

2-Butanone

Concen: 1.623 ug/l

RT: 7.494 min Scan# 925

Delta R.T. 0.006 min

Lab File: VN0756689.D

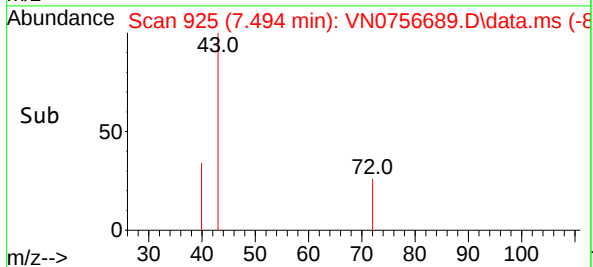
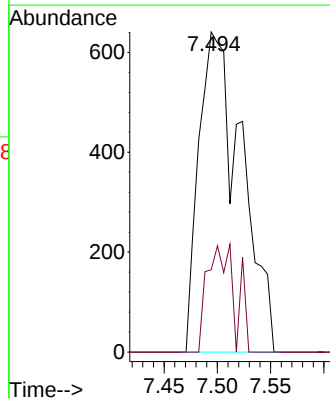
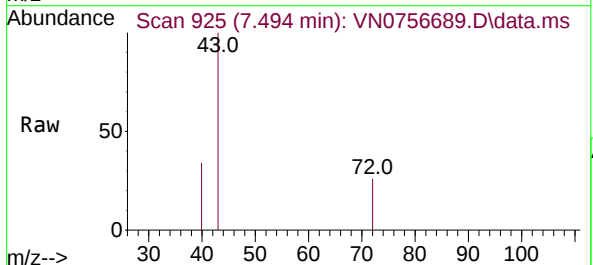
Acq: 10 Dec 2022 04:46

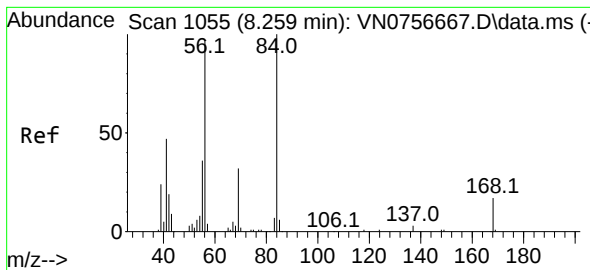
Tgt Ion: 43 Resp: 1787

Ion Ratio Lower Upper

43 100

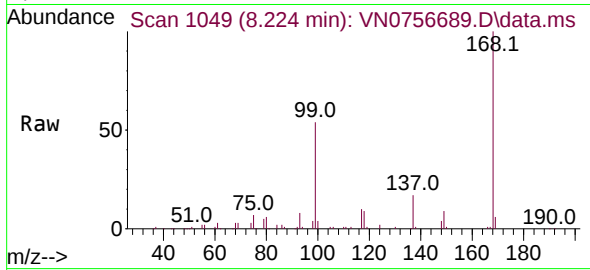
72 25.7 25.3 37.9



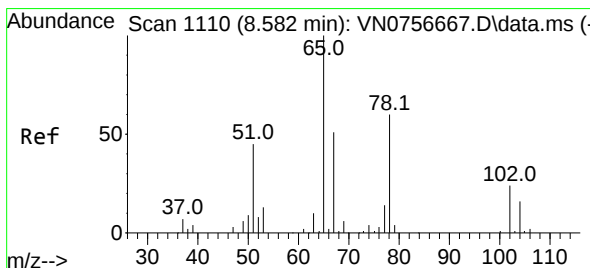
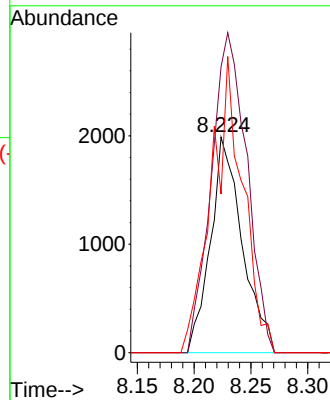
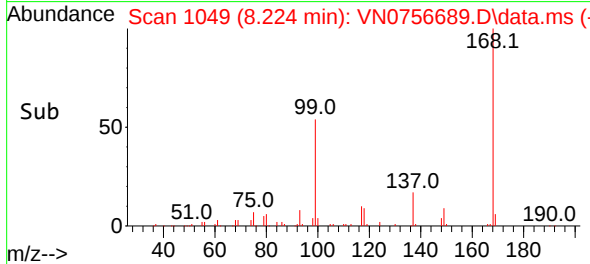


#31
Cyclohexane
Concen: 1.174 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN0756689.D
Acq: 10 Dec 2022 04:46

Instrument :
MSVOA_N
ClientSampleId :

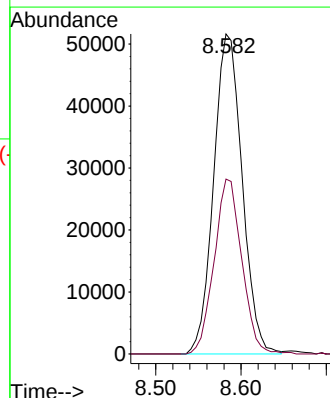
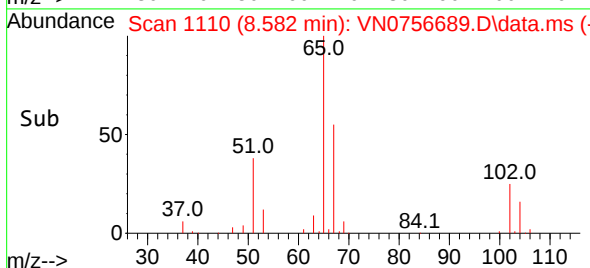
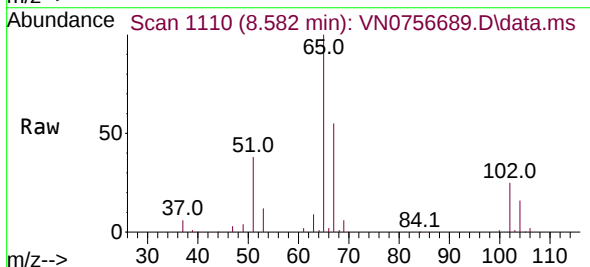


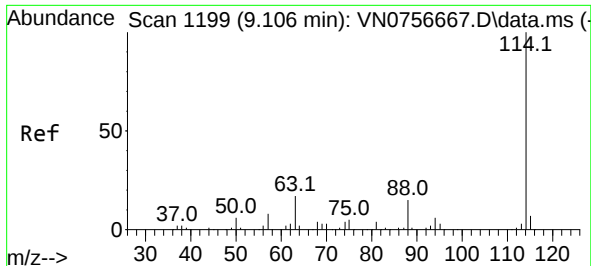
Tgt Ion: 56 Resp: 3865
Ion Ratio Lower Upper
56 100
69 132.6 26.2 39.2#
84 73.6 82.8 124.2#



#33
1,2-Dichloroethane-d4
Concen: 53.938 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN0756689.D
Acq: 10 Dec 2022 04:46

Tgt Ion: 65 Resp: 119953
Ion Ratio Lower Upper
65 100
67 52.9 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: VN0756689.D

Acq: 10 Dec 2022 04:46

Instrument :

MSVOA_N

ClientSampleId :

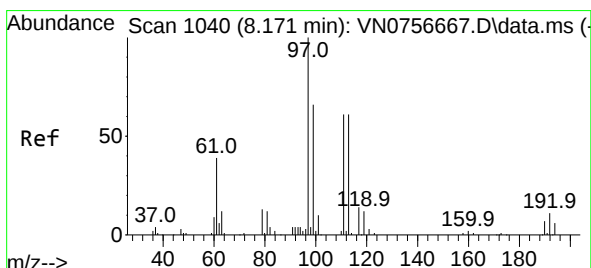
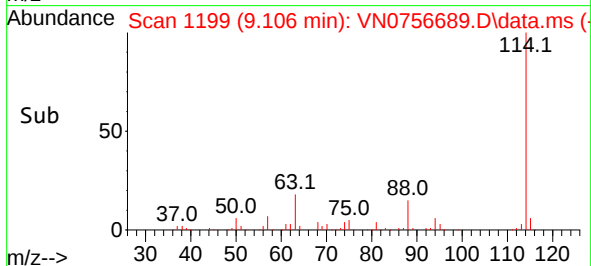
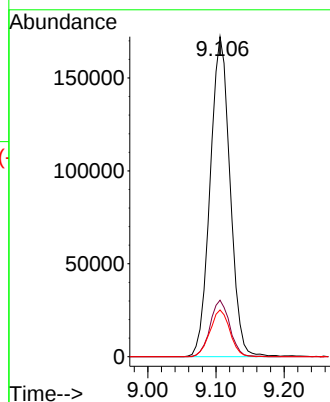
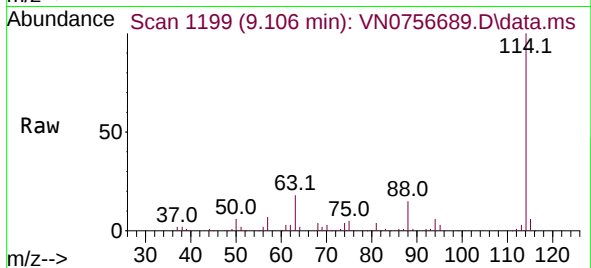
Tgt Ion:114 Resp: 349767

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

88 14.6 0.0 29.2



#35

Dibromofluoromethane

Concen: 50.425 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN0756689.D

Acq: 10 Dec 2022 04:46

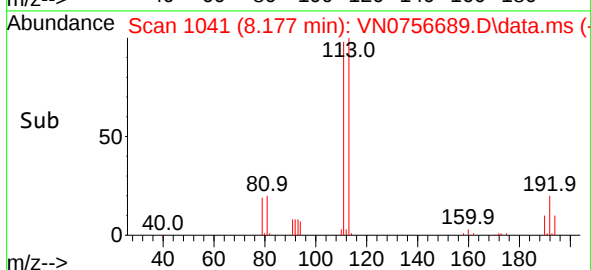
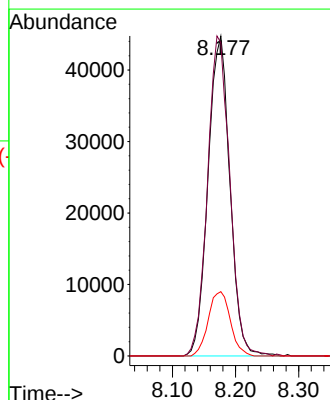
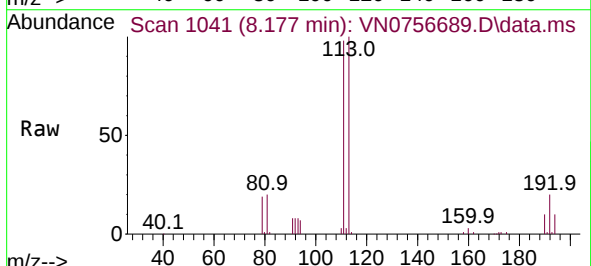
Tgt Ion:113 Resp: 107607

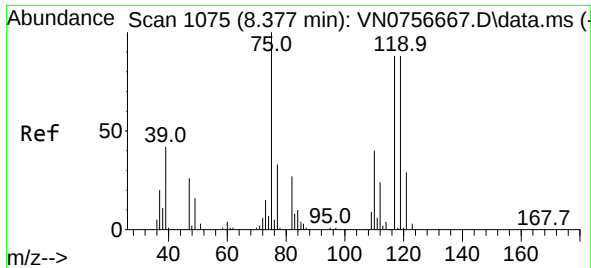
Ion Ratio Lower Upper

113 100

111 101.6 81.0 121.6

192 20.3 16.2 24.2

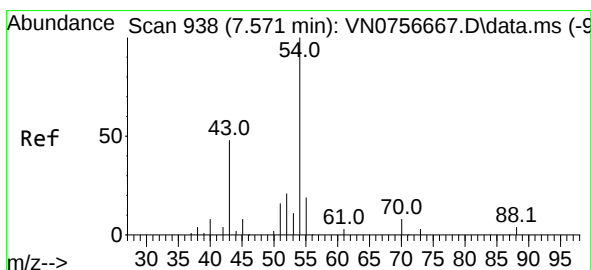
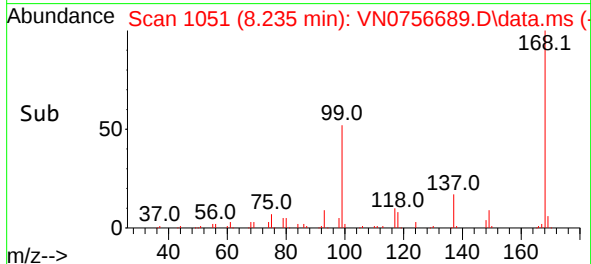
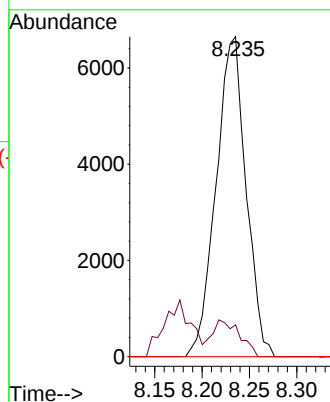
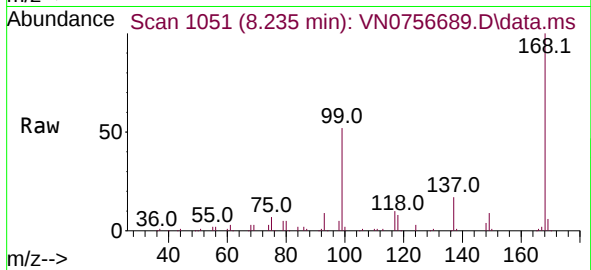




#36
1,1-Dichloropropene
Concen: 5.161 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.141 min
Lab File: VN0756689.D
Acq: 10 Dec 2022 04:46

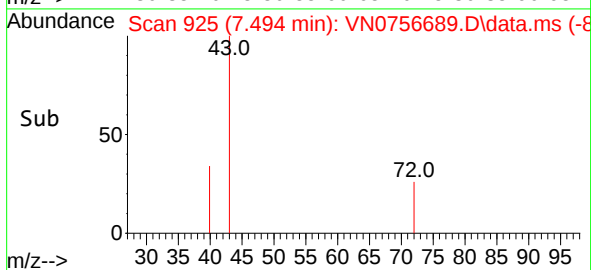
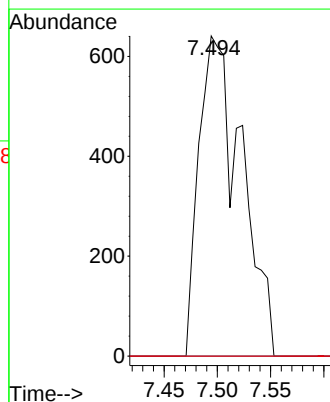
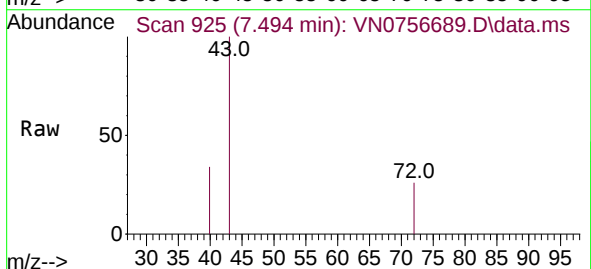
Instrument :
MSVOA_N
ClientSampleId :

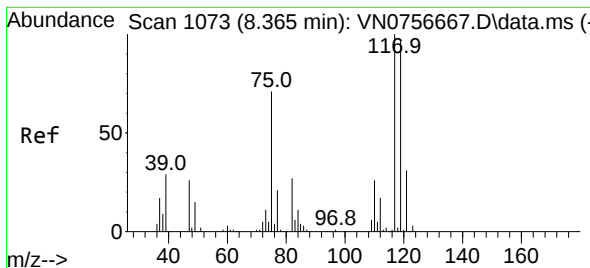
Tgt Ion: 75 Resp: 14623
Ion Ratio Lower Upper
75 100
110 10.7 18.9 56.9#
77 0.0 25.4 38.2#



#37
Ethyl Acetate
Concen: 0.785 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.077 min
Lab File: VN0756689.D
Acq: 10 Dec 2022 04:46

Tgt Ion: 43 Resp: 1787
Ion Ratio Lower Upper
43 100
61 0.0 13.3 19.9#
70 0.0 9.9 14.9#





#38

Carbon Tetrachloride

Concen: 6.338 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.135 min

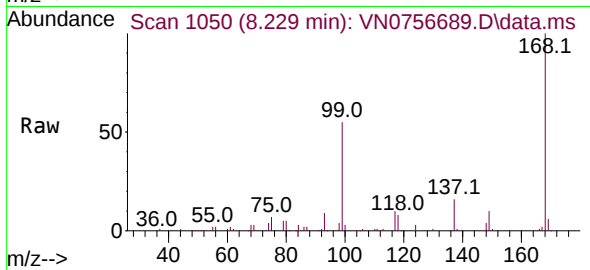
Lab File: VN0756689.D

Acq: 10 Dec 2022 04:46

Instrument :

MSVOA_N

ClientSampleId :



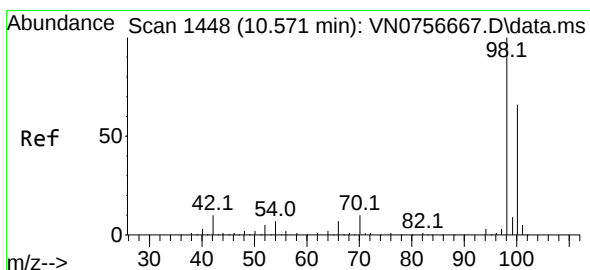
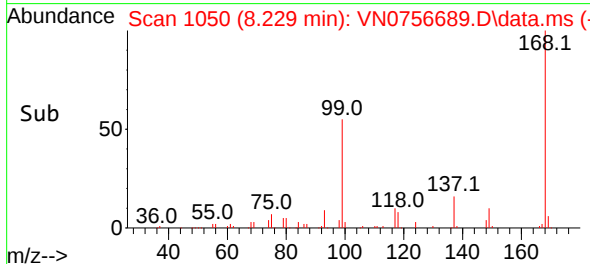
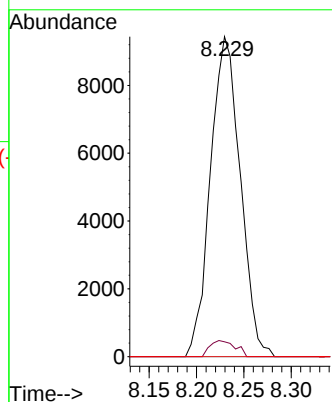
Tgt Ion:117 Resp: 20723

Ion Ratio Lower Upper

117 100

119 4.7 77.2 115.8#

121 0.0 24.6 37.0#



#50

Toluene-d8

Concen: 50.717 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN0756689.D

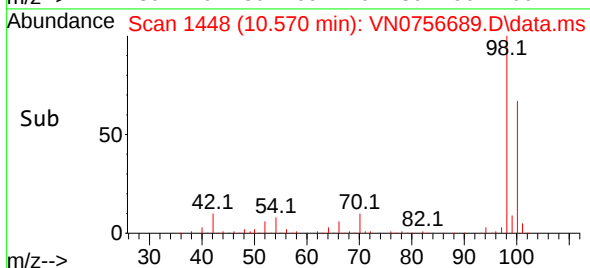
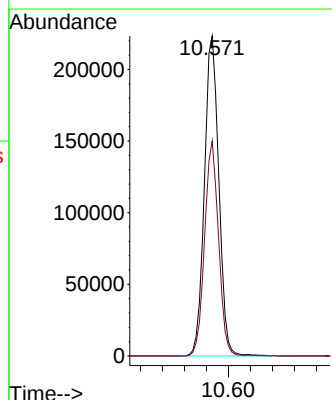
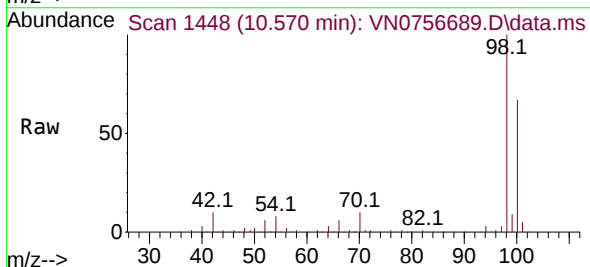
Acq: 10 Dec 2022 04:46

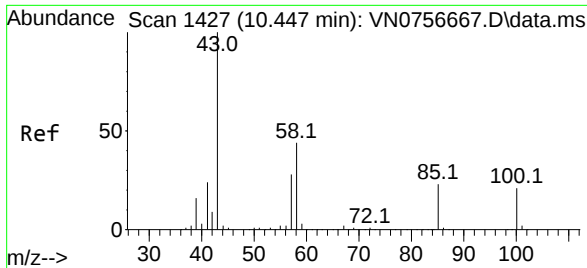
Tgt Ion: 98 Resp: 406446

Ion Ratio Lower Upper

98 100

100 65.2 52.6 78.8

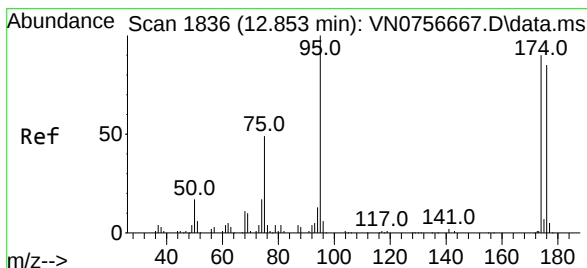
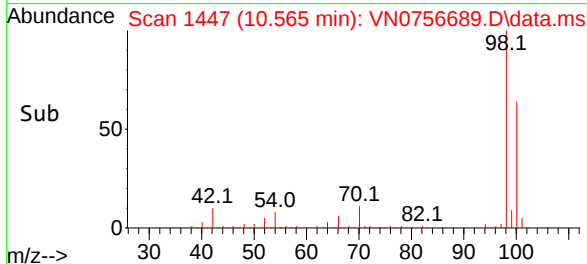
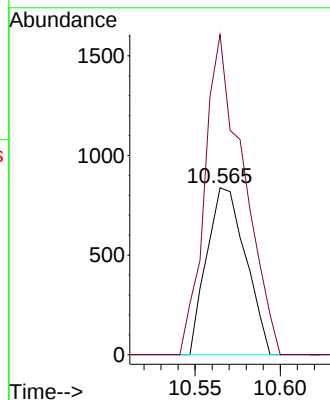
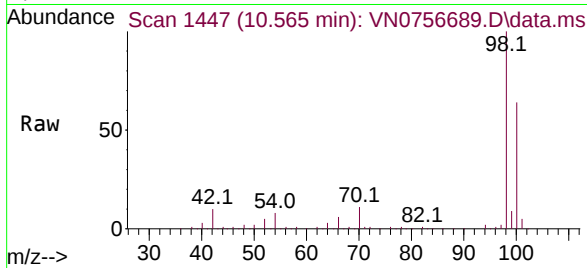




#51
 4-Methyl-2-Pentanone
 Concen: 0.568 ug/l
 RT: 10.565 min Scan# 1427
 Delta R.T. 0.118 min
 Lab File: VN0756689.D
 Acq: 10 Dec 2022 04:46

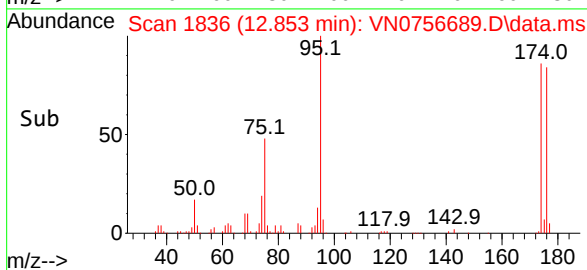
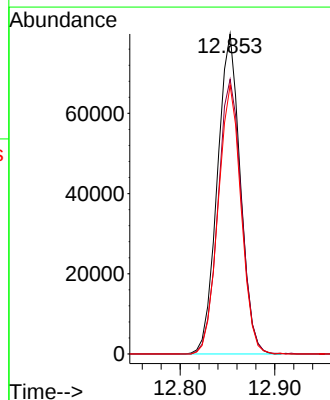
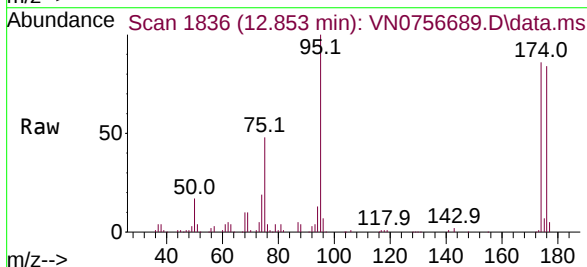
Instrument :
 MSVOA_N
 ClientSampleId :

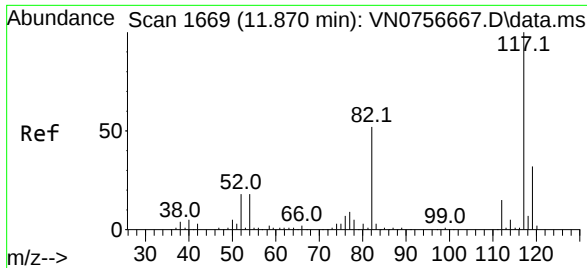
Tgt Ion: 43 Resp: 1331
 Ion Ratio Lower Upper
 43 100
 58 191.2 35.0 52.6#



#62
 4-Bromofluorobenzene
 Concen: 49.110 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: VN0756689.D
 Acq: 10 Dec 2022 04:46

Tgt Ion: 95 Resp: 134563
 Ion Ratio Lower Upper
 95 100
 174 87.4 0.0 178.6
 176 83.5 0.0 170.8

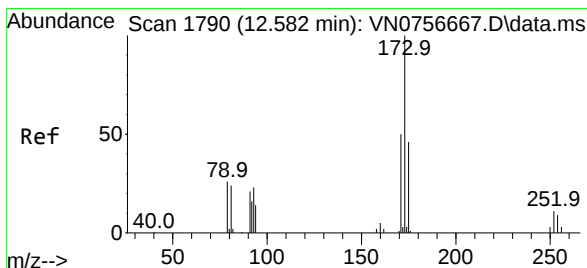
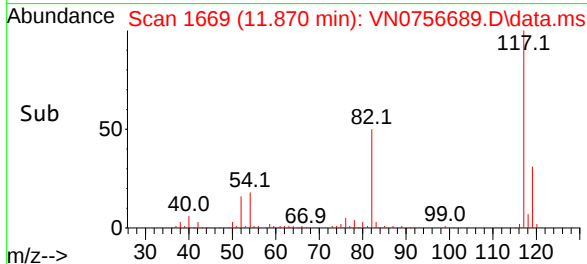
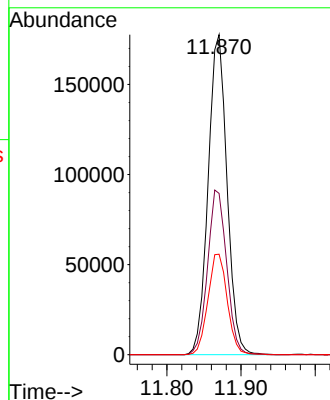
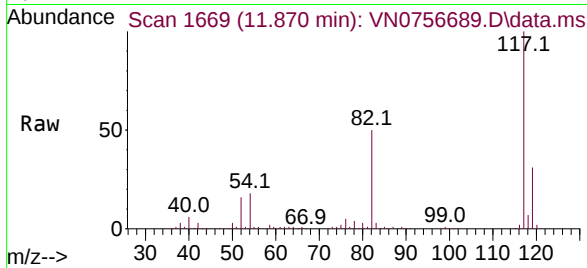




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN0756689.D
Acq: 10 Dec 2022 04:46

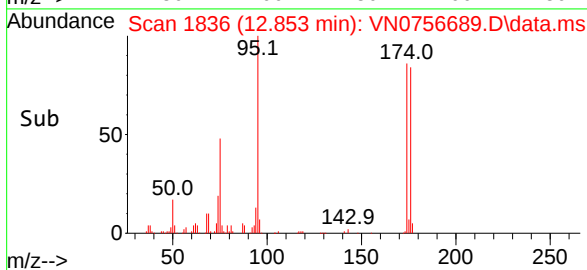
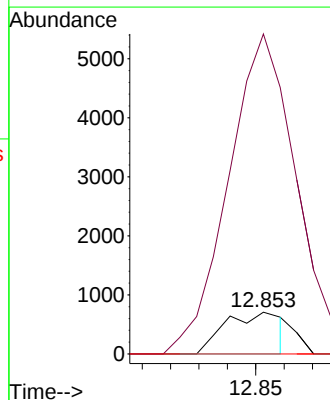
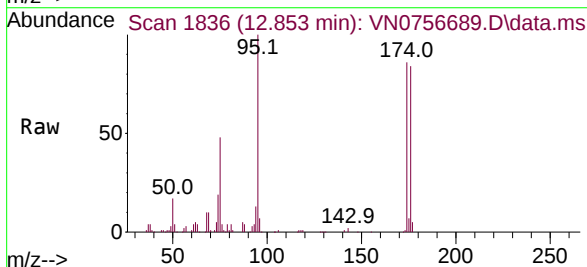
Instrument :
MSVOA_N
ClientSampleId :

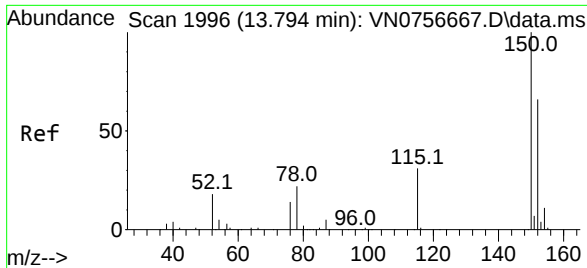
Tgt Ion:117 Resp: 314321
Ion Ratio Lower Upper
117 100
82 50.4 41.8 62.8
119 31.4 25.8 38.6



#71
Bromoform
Concen: 0.556 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN0756689.D
Acq: 10 Dec 2022 04:46

Tgt Ion:173 Resp: 991
Ion Ratio Lower Upper
173 100
175 720.3 23.8 71.2#
254 0.0 0.0 0.0

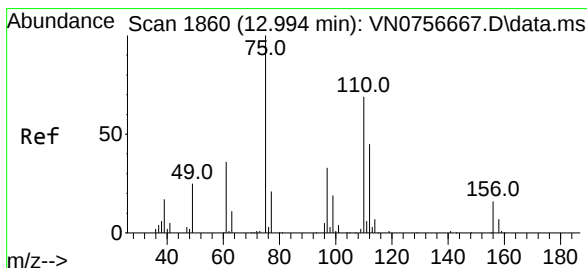
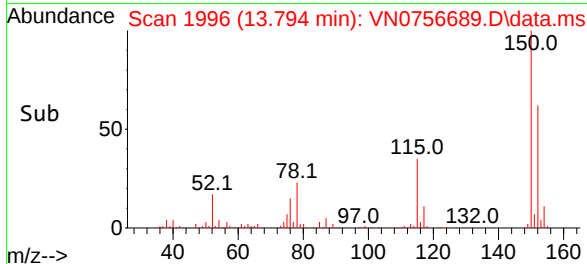
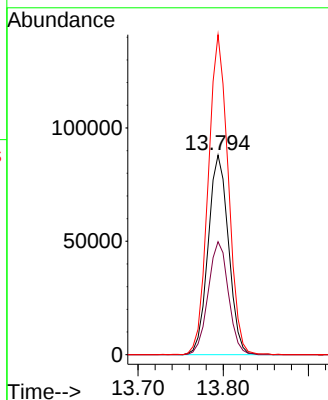
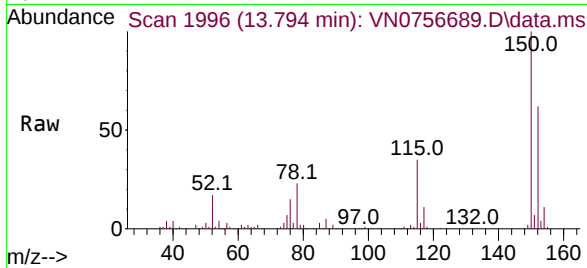




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN0756689.D
 Acq: 10 Dec 2022 04:46

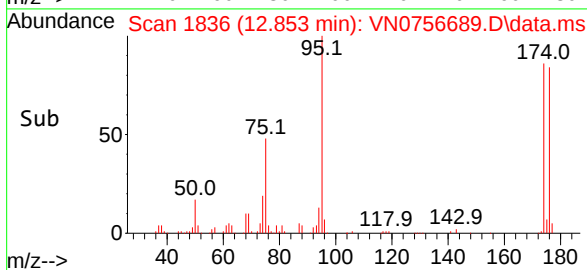
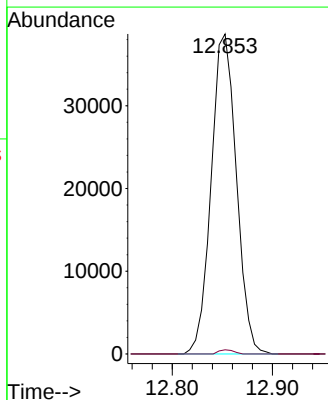
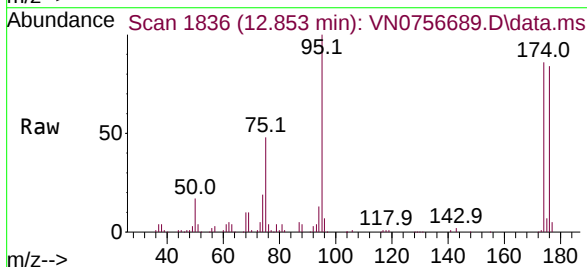
Instrument :
 MSVOA_N
 ClientSampleId :

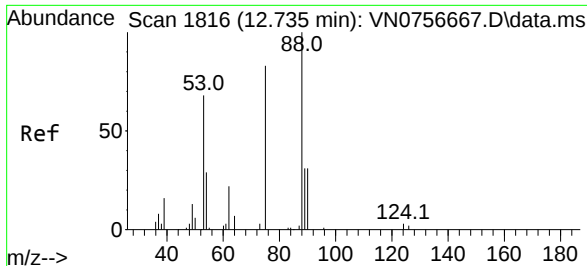
Tgt Ion:152 Resp: 145998
 Ion Ratio Lower Upper
 152 100
 115 56.3 28.4 85.2
 150 157.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 23.014 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN0756689.D
 Acq: 10 Dec 2022 04:46

Tgt Ion: 75 Resp: 67478
 Ion Ratio Lower Upper
 75 100
 77 0.8 81.8 245.4#

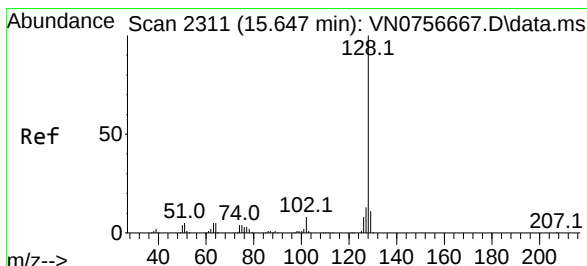
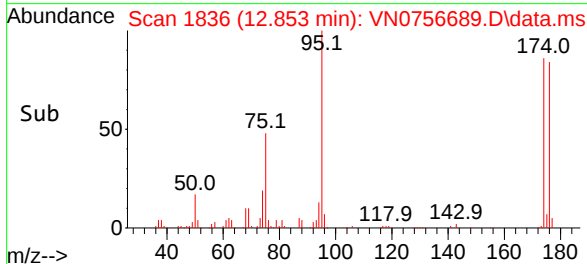
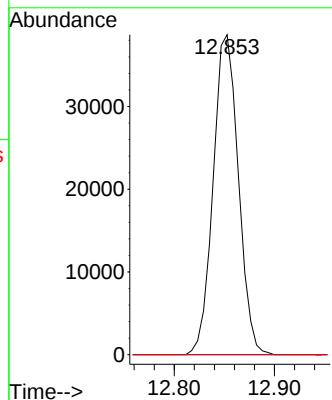
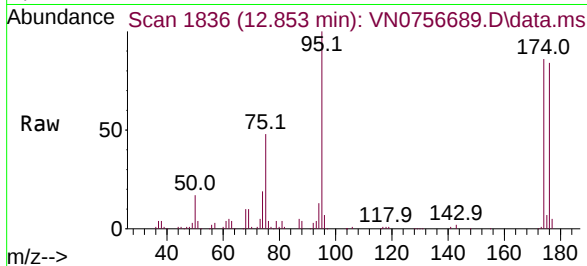




#81
trans-1,4-Dichloro-2-butene
Concen: 73.641 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN0756689.D
Acq: 10 Dec 2022 04:46

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 67478
Ion Ratio Lower Upper
75 100
53 0.0 72.4 108.6#
89 0.0 36.6 55.0#



#95
Naphthalene
Concen: 0.246 ug/l
RT: 15.635 min Scan# 2309
Delta R.T. -0.012 min
Lab File: VN0756689.D
Acq: 10 Dec 2022 04:46

Tgt Ion: 128 Resp: 1709
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 3.4 8.4 12.6#

