

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038888.D
 Acq On : 17 Nov 2023 18:11
 Operator : JC/MD
 Sample : 05404-16 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D2-20231109

Quant Time: Nov 17 22:54:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

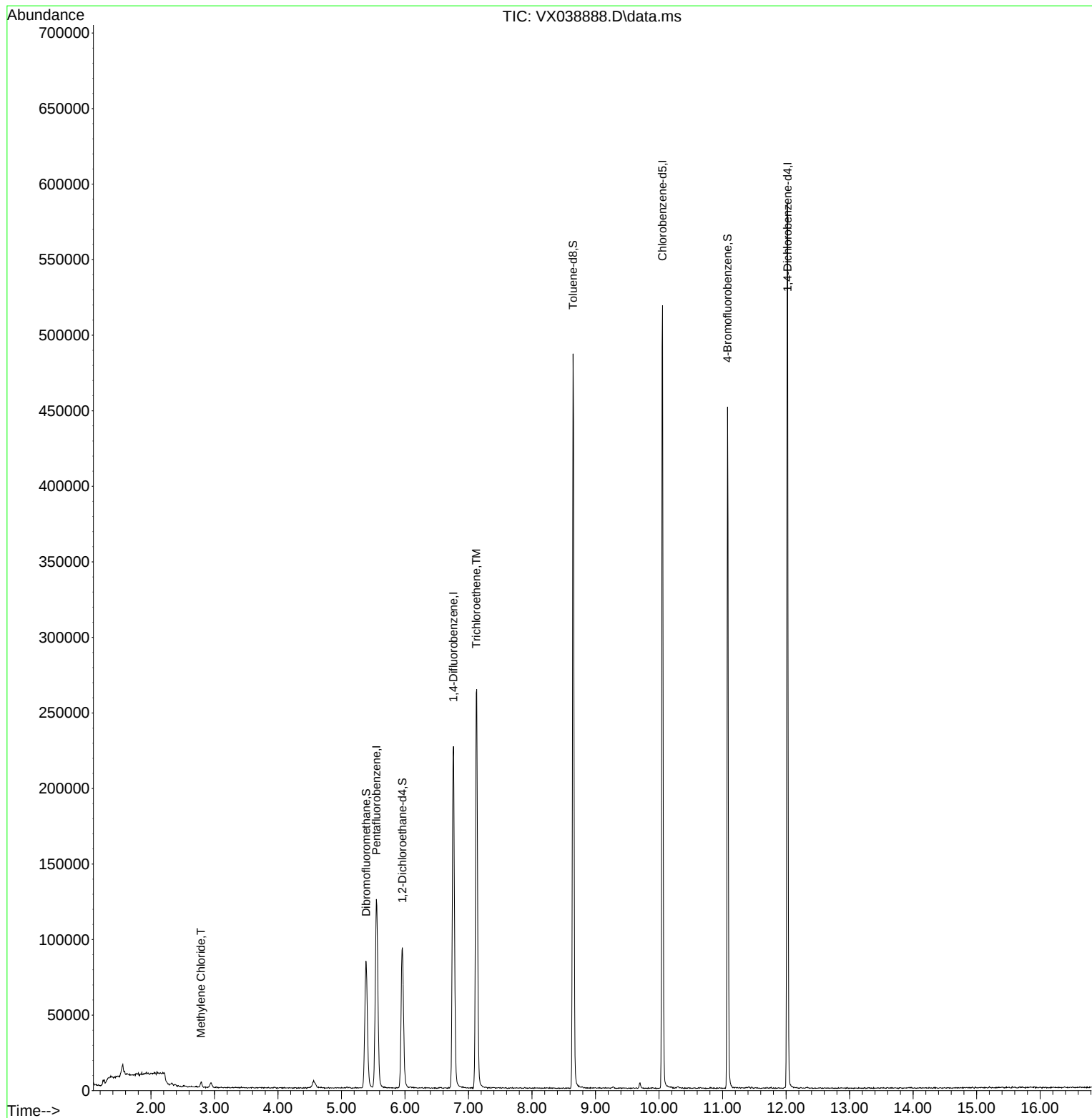
Internal Standards						
1) Pentafluorobenzene	5.550	168	113595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233638	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88148	48.158	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.320%		
35) Dibromofluoromethane	5.385	113	74460	44.127	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.260%		
50) Toluene-d8	8.647	98	292999	45.384	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.760%#		
62) 4-Bromofluorobenzene	11.079	95	124528	48.185	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.360%		
Target Compounds						
20) Methylene Chloride	2.788	84	1967	1.120	ug/l #	73
44) Trichloroethene	7.123	130	100029	57.452	ug/l	93

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

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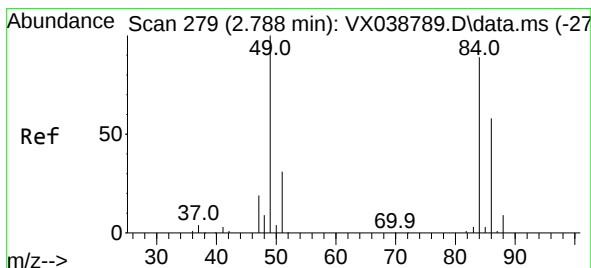
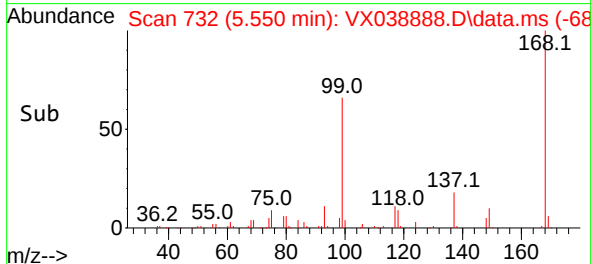
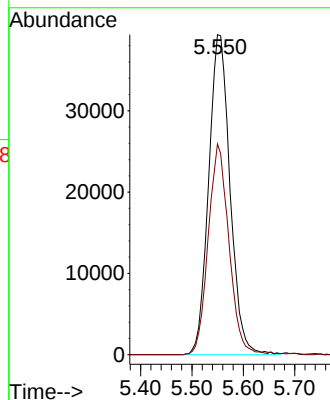
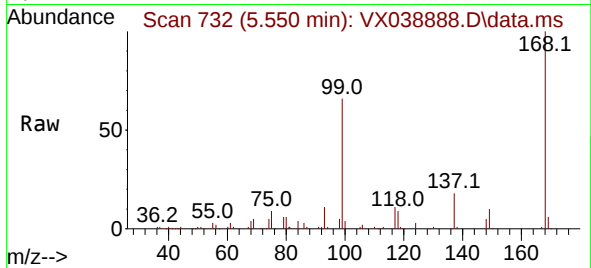




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038888.D
Acq: 17 Nov 2023 18:11

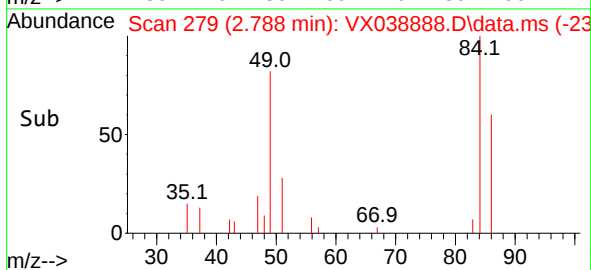
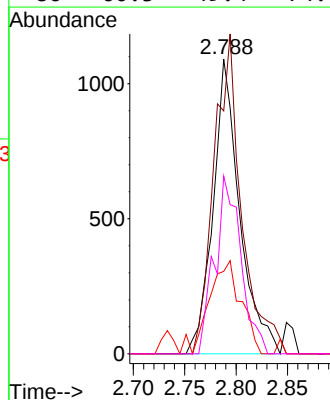
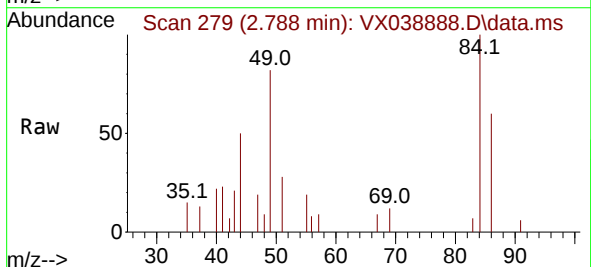
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20231109

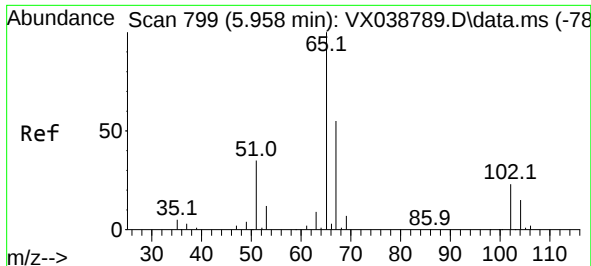
Tgt Ion:168 Resp: 113595
Ion Ratio Lower Upper
168 100
99 65.9 56.6 85.0



#20
Methylene Chloride
Concen: 1.120 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038888.D
Acq: 17 Nov 2023 18:11

Tgt Ion: 84 Resp: 1967
Ion Ratio Lower Upper
84 100
49 82.4 103.6 155.4#
51 28.0 33.8 50.6#
86 60.3 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 48.158 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX038888.D

Acq: 17 Nov 2023 18:11

Instrument :

MSVOA_X

ClientSampleId :

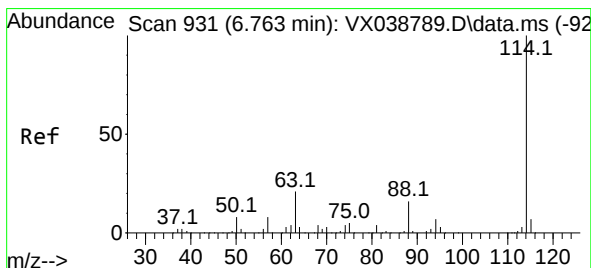
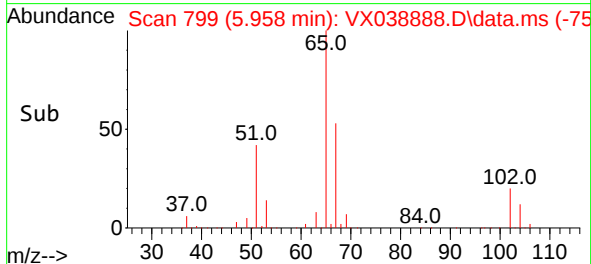
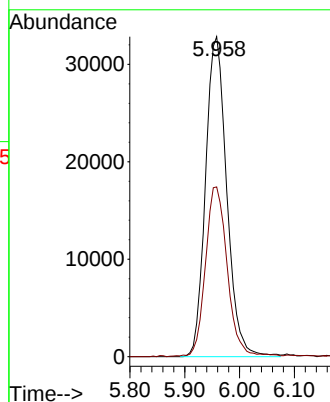
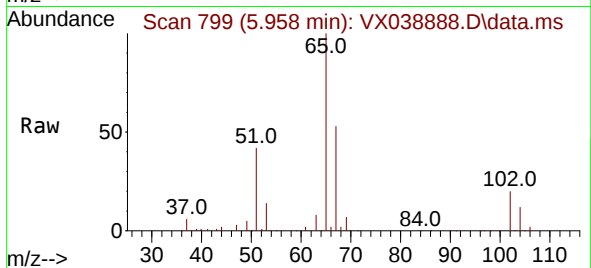
RE108D2-20231109

Tgt Ion: 65 Resp: 88148

Ion Ratio Lower Upper

65 100

67 54.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX038888.D

Acq: 17 Nov 2023 18:11

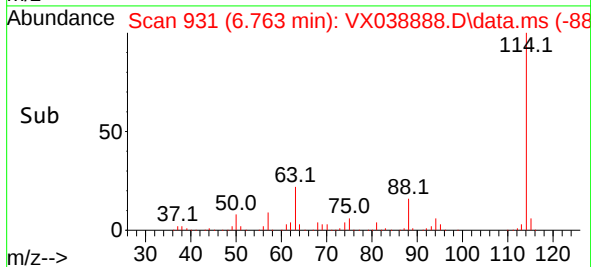
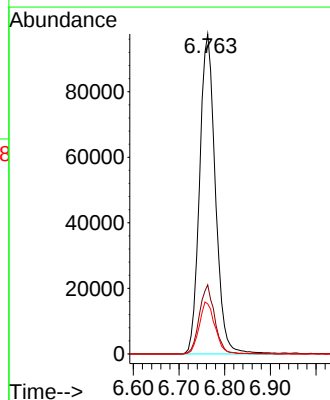
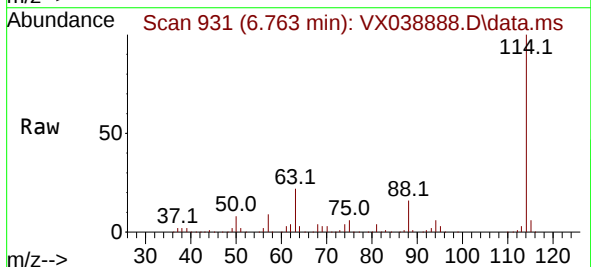
Tgt Ion:114 Resp: 233638

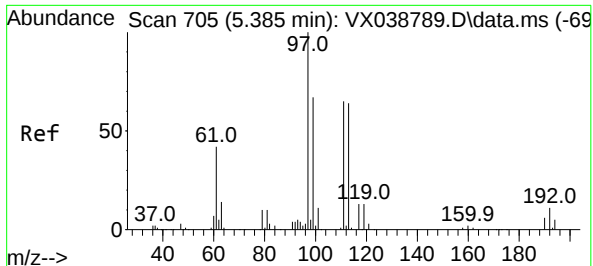
Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.0

88 15.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.127 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX038888.D

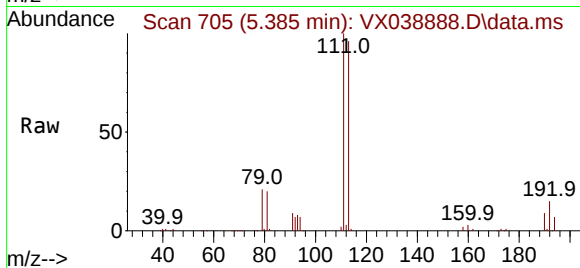
Acq: 17 Nov 2023 18:11

Instrument :

MSVOA_X

ClientSampleId :

RE108D2-20231109



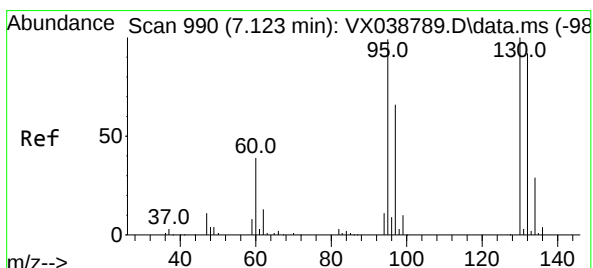
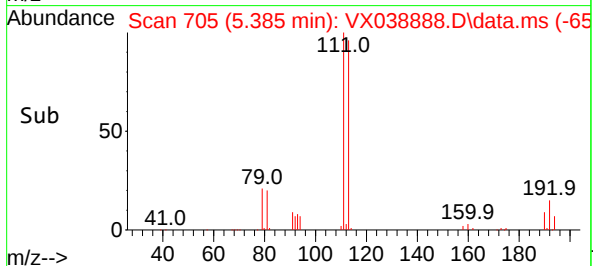
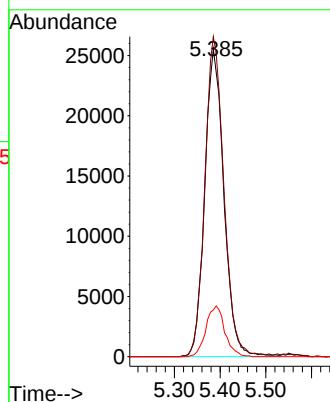
Tgt Ion:113 Resp: 74460

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

192 16.2 13.3 19.9



#44

Trichloroethene

Concen: 57.452 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX038888.D

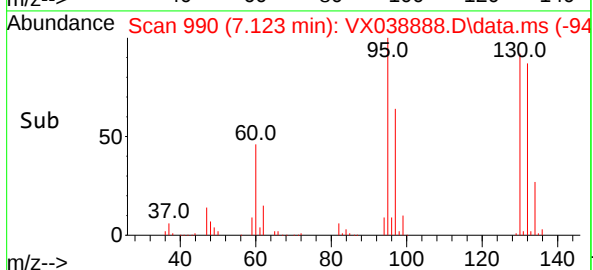
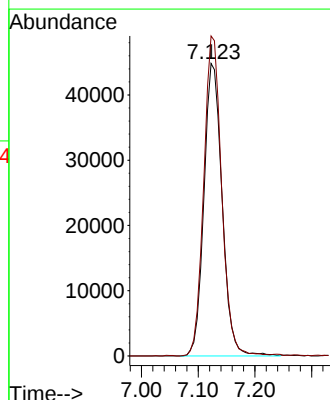
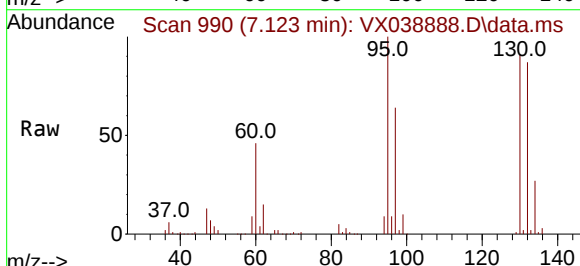
Acq: 17 Nov 2023 18:11

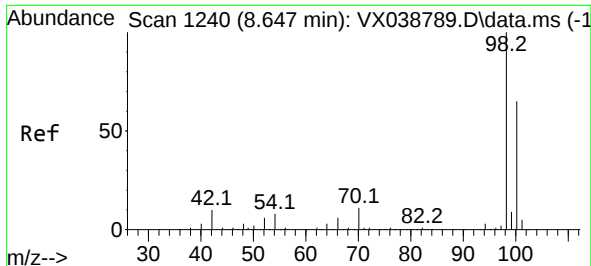
Tgt Ion:130 Resp: 100029

Ion Ratio Lower Upper

130 100

95 109.4 0.0 204.4





#50

Toluene-d8

Concen: 45.384 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038888.D

Acq: 17 Nov 2023 18:11

Instrument :

MSVOA_X

ClientSampleId :

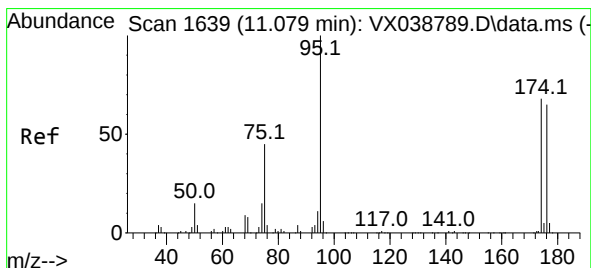
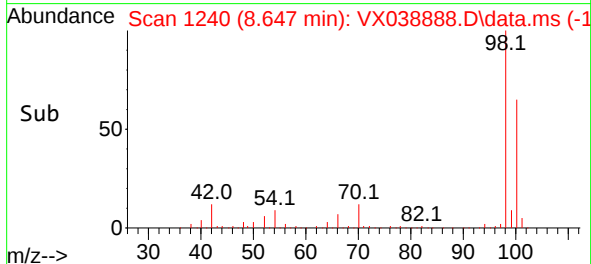
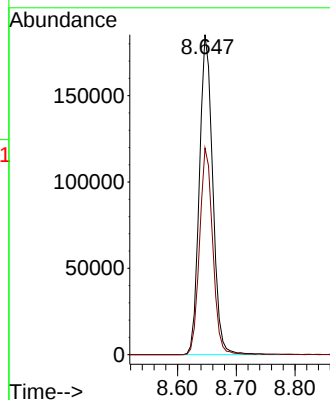
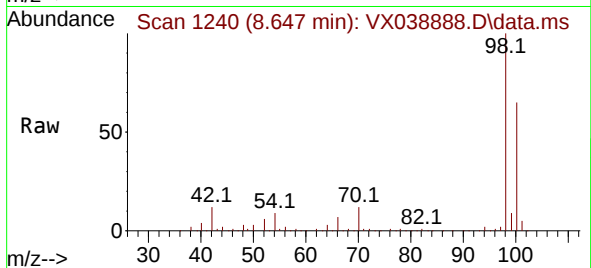
RE108D2-20231109

Tgt Ion: 98 Resp: 292999

Ion Ratio Lower Upper

98 100

100 63.7 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 48.185 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX038888.D

Acq: 17 Nov 2023 18:11

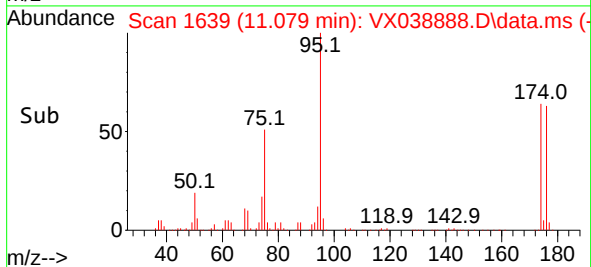
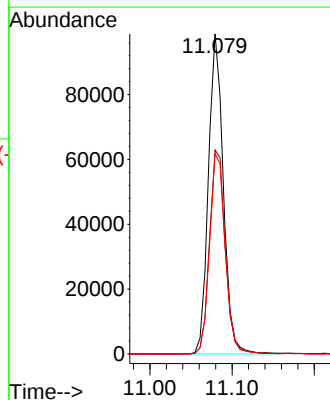
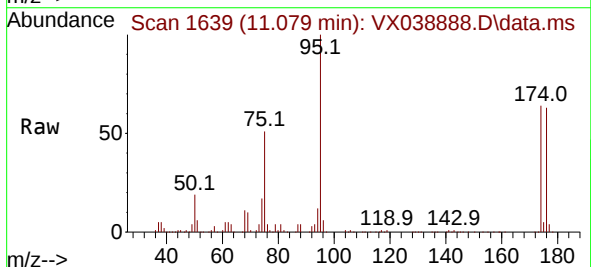
Tgt Ion: 95 Resp: 124528

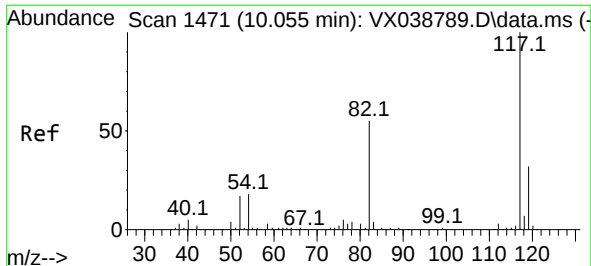
Ion Ratio Lower Upper

95 100

174 66.8 0.0 135.6

176 65.6 0.0 131.0

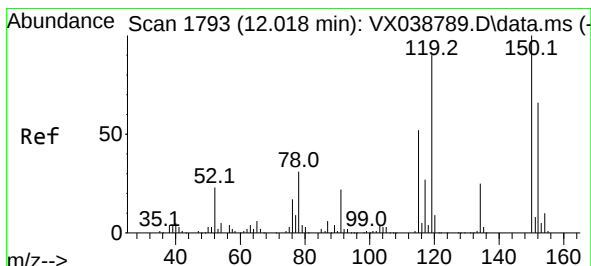
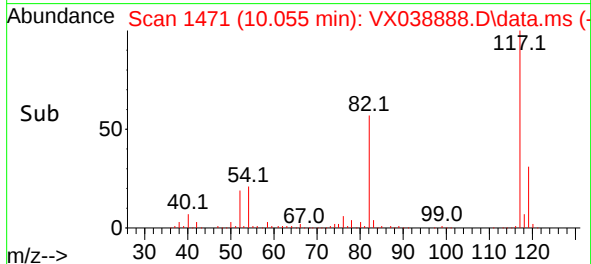
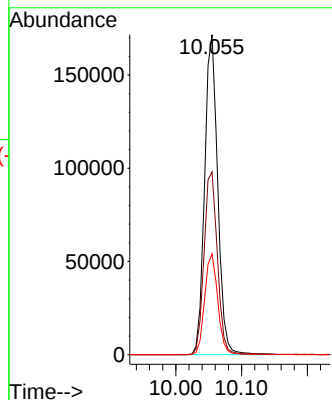
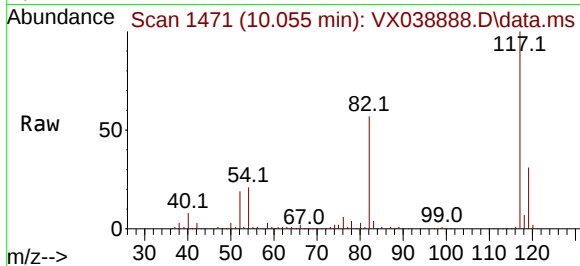




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038888.D
Acq: 17 Nov 2023 18:11

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20231109

Tgt Ion:117 Resp: 237715
Ion Ratio Lower Upper
117 100
82 57.0 46.2 69.4
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038888.D
Acq: 17 Nov 2023 18:11

Tgt Ion:152 Resp: 119470
Ion Ratio Lower Upper
152 100
115 64.4 43.3 129.9
150 158.8 0.0 345.0

