

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060123\
 Data File : VX035961.D
 Acq On : 01 Jun 2023 15:48
 Operator : JC/MD
 Sample : 03005-01 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-11

Quant Time: Jun 02 01:41:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

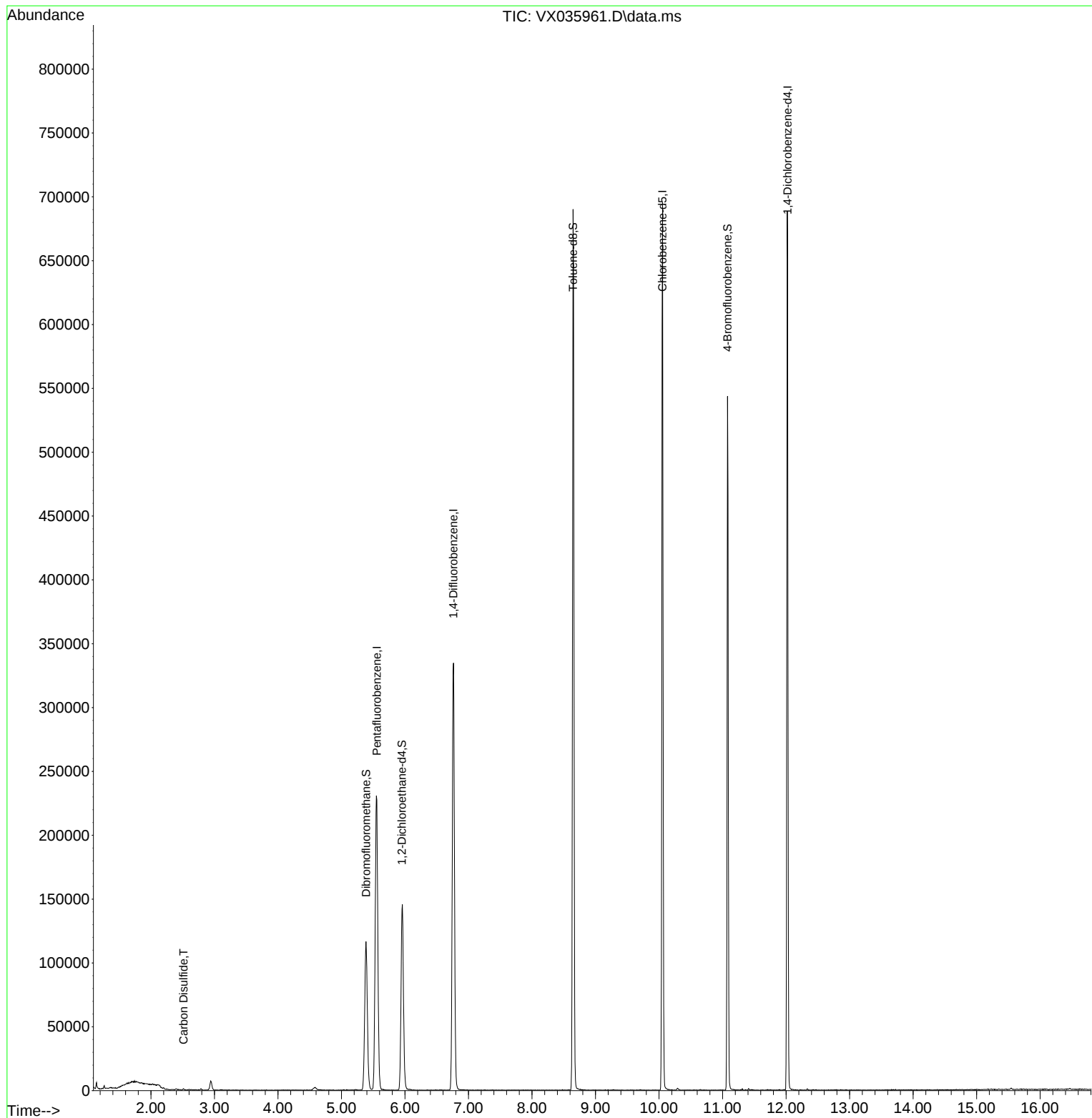
Internal Standards						
1) Pentafluorobenzene	5.556	168	198745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	324874	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	294902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	146505	45.395	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.800%
35) Dibromofluoromethane	5.385	113	100508	45.997	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.000%
50) Toluene-d8	8.647	98	394795	50.343	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.680%
62) 4-Bromofluorobenzene	11.079	95	147038	47.497	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.000%
Target Compounds						
17) Carbon Disulfide	2.514	76	1098	0.220	ug/l	Qvalue 97

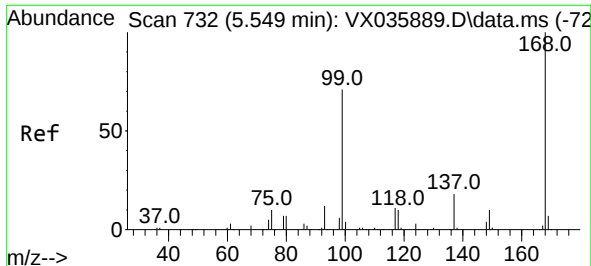
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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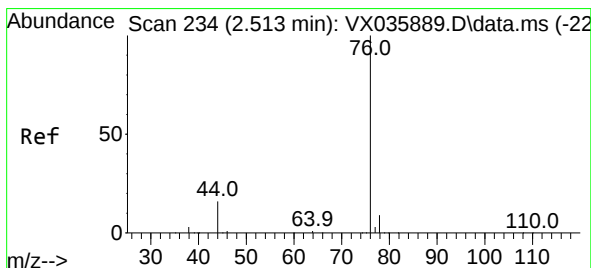
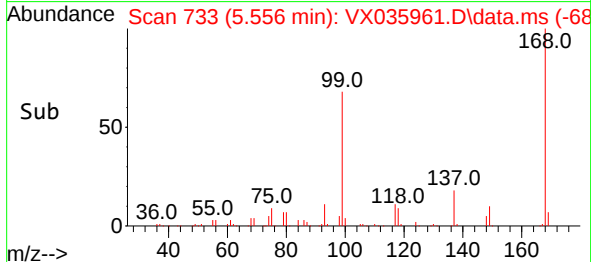
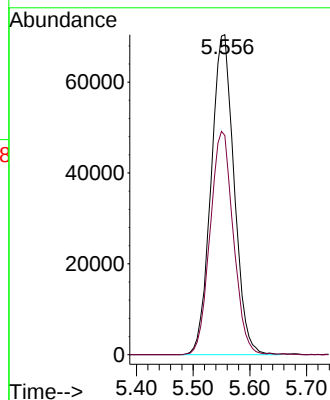
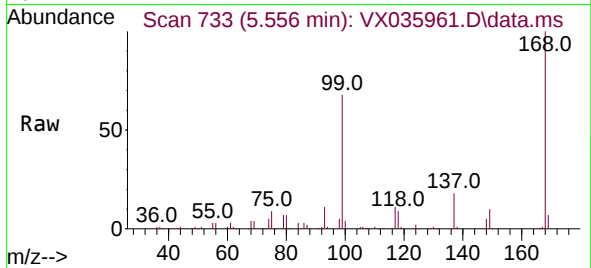




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX035961.D
Acq: 01 Jun 2023 15:48

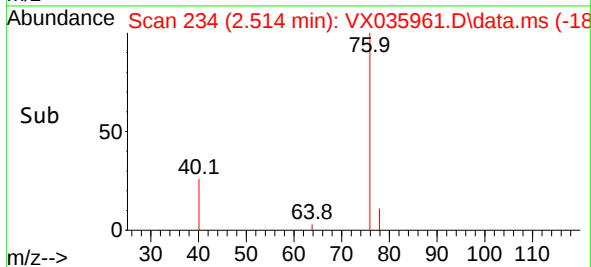
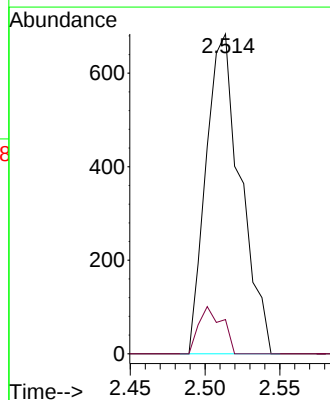
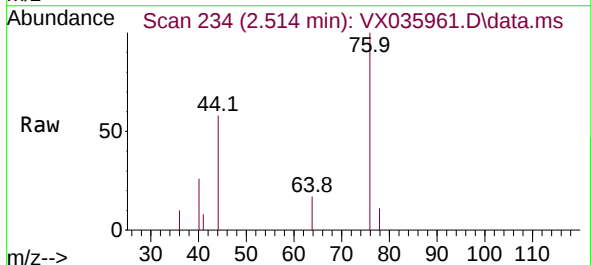
Instrument :
MSVOA_X
ClientSampleId :
TP-11

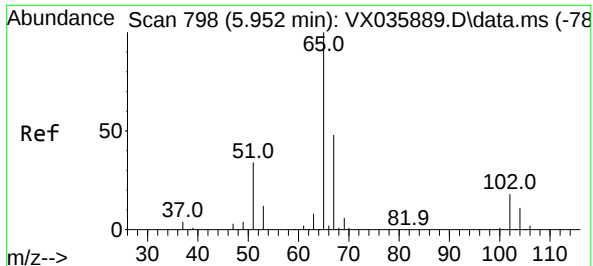
Tgt Ion:168 Resp: 198745
Ion Ratio Lower Upper
168 100
99 68.5 57.0 85.6



#17
Carbon Disulfide
Concen: 0.220 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.001 min
Lab File: VX035961.D
Acq: 01 Jun 2023 15:48

Tgt Ion: 76 Resp: 1098
Ion Ratio Lower Upper
76 100
78 10.7 7.6 11.4

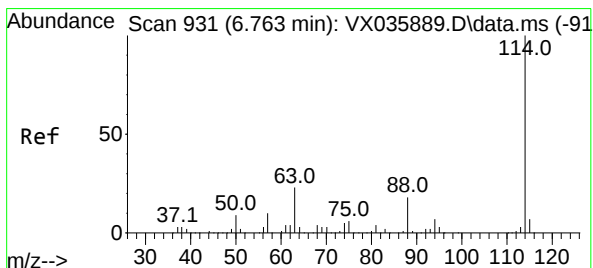
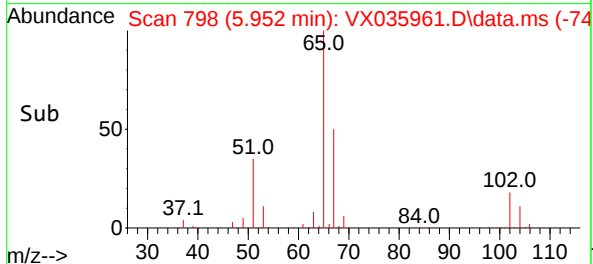
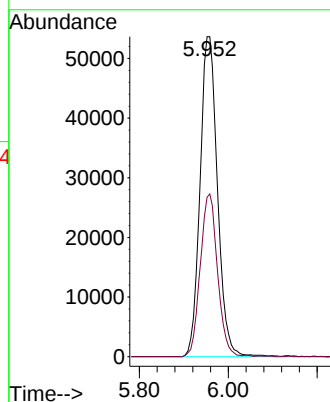
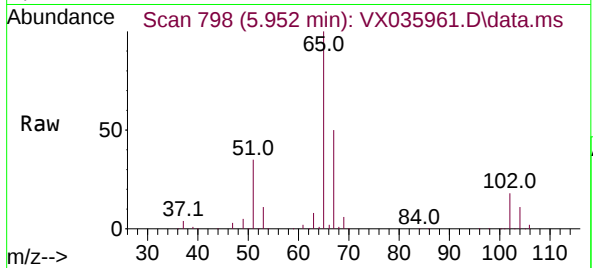




#33
 1,2-Dichloroethane-d4
 Concen: 45.395 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX035961.D
 Acq: 01 Jun 2023 15:48

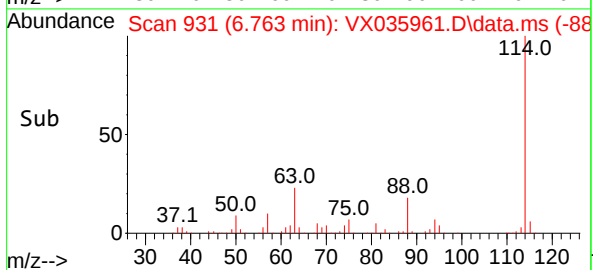
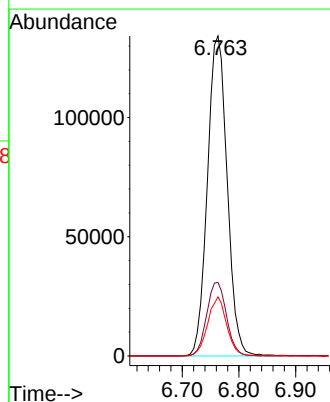
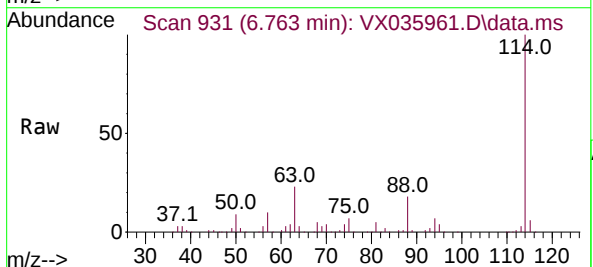
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-11

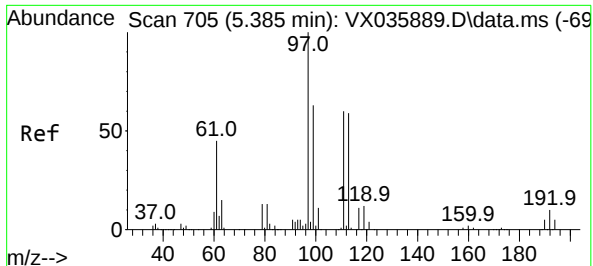
Tgt Ion: 65 Resp: 146505
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX035961.D
 Acq: 01 Jun 2023 15:48

Tgt Ion: 114 Resp: 324874
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 46.0
 88 18.5 0.0 35.2





#35

Dibromofluoromethane

Concen: 45.997 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035961.D

Acq: 01 Jun 2023 15:48

Instrument :

MSVOA_X

ClientSampleId :

TP-11

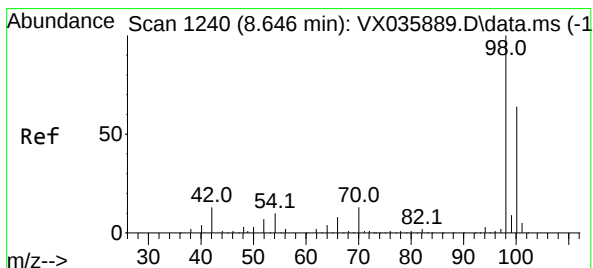
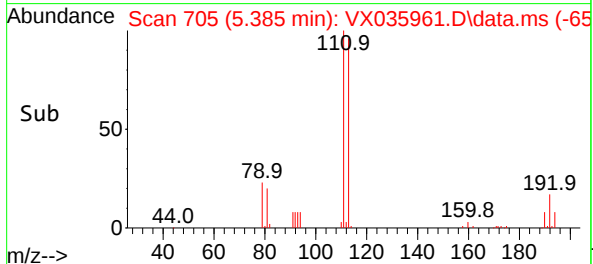
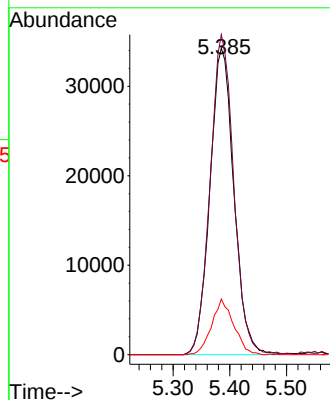
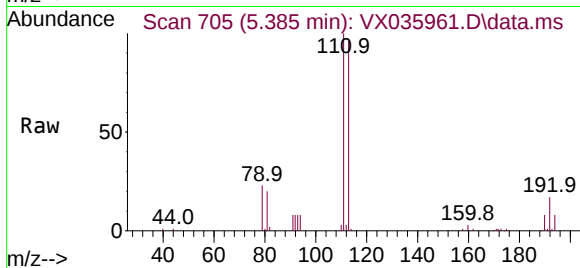
Tgt Ion:113 Resp: 100508

Ion Ratio Lower Upper

113 100

111 102.9 81.7 122.5

192 16.7 13.5 20.3



#50

Toluene-d8

Concen: 50.343 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035961.D

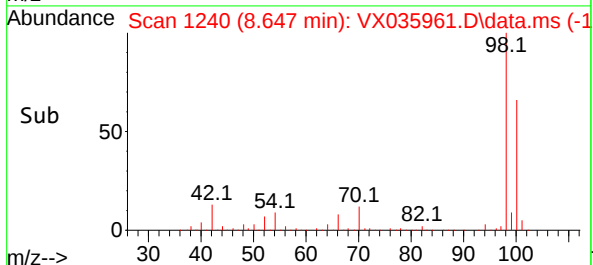
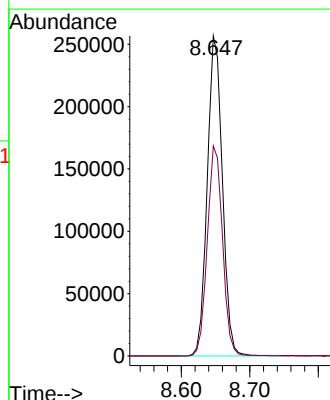
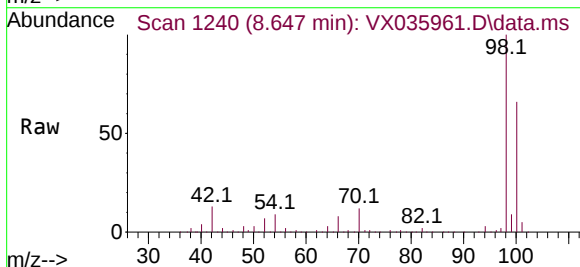
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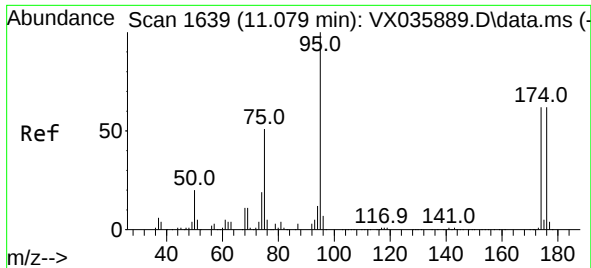
Tgt Ion: 98 Resp: 394795

Ion Ratio Lower Upper

98 100

100 66.2 53.4 80.0

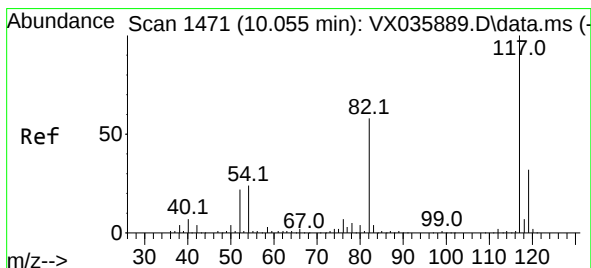
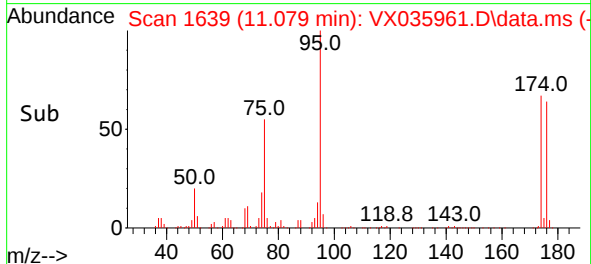
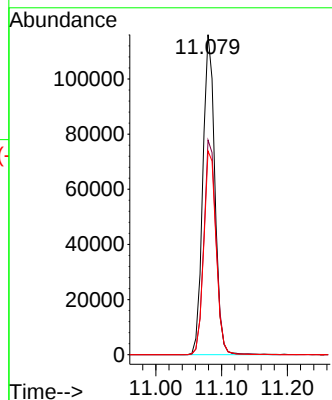
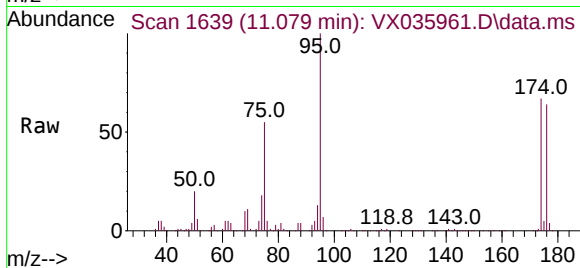




#62
4-Bromofluorobenzene
Concen: 47.497 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035961.D
Acq: 01 Jun 2023 15:48

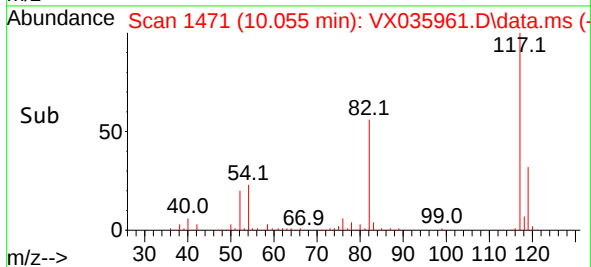
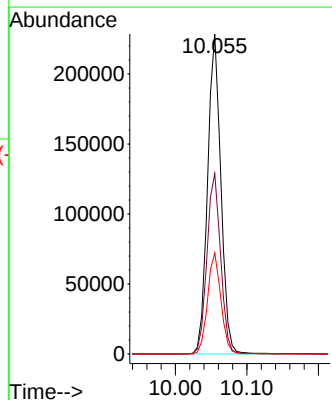
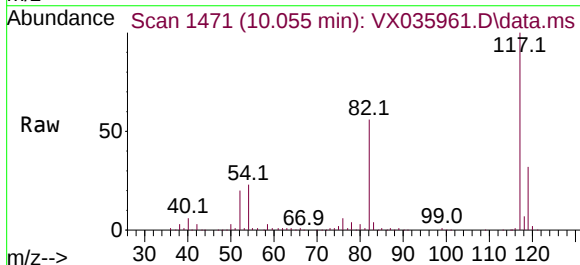
Instrument :
MSVOA_X
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TP-11

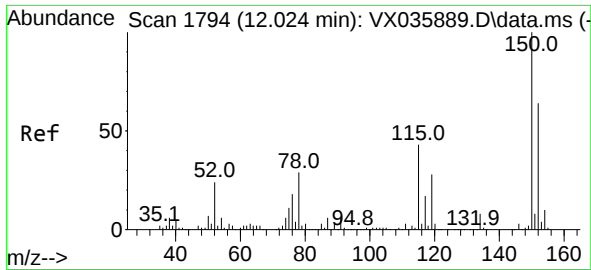
Tgt Ion: 95 Resp: 147038
Ion Ratio Lower Upper
95 100
174 68.1 0.0 132.6
176 65.2 0.0 128.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035961.D
Acq: 01 Jun 2023 15:48

Tgt Ion: 117 Resp: 294902
Ion Ratio Lower Upper
117 100
82 56.4 46.6 69.8
119 31.6 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035961.D

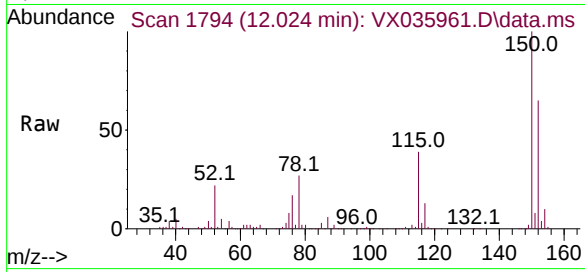
Acq: 01 Jun 2023 15:48

Instrument :

MSVOA_X

ClientSampleId :

TP-11



Tgt Ion:152 Resp: 136890

Ion Ratio Lower Upper

152 100

115 63.2 45.5 136.5

150 155.3 0.0 345.2

