

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012324\
 Data File : VX039907.D
 Acq On : 23 Jan 2024 14:02
 Operator : JC/MD
 Sample : P1222-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-GW-398-400

Quant Time: Jan 24 02:32:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

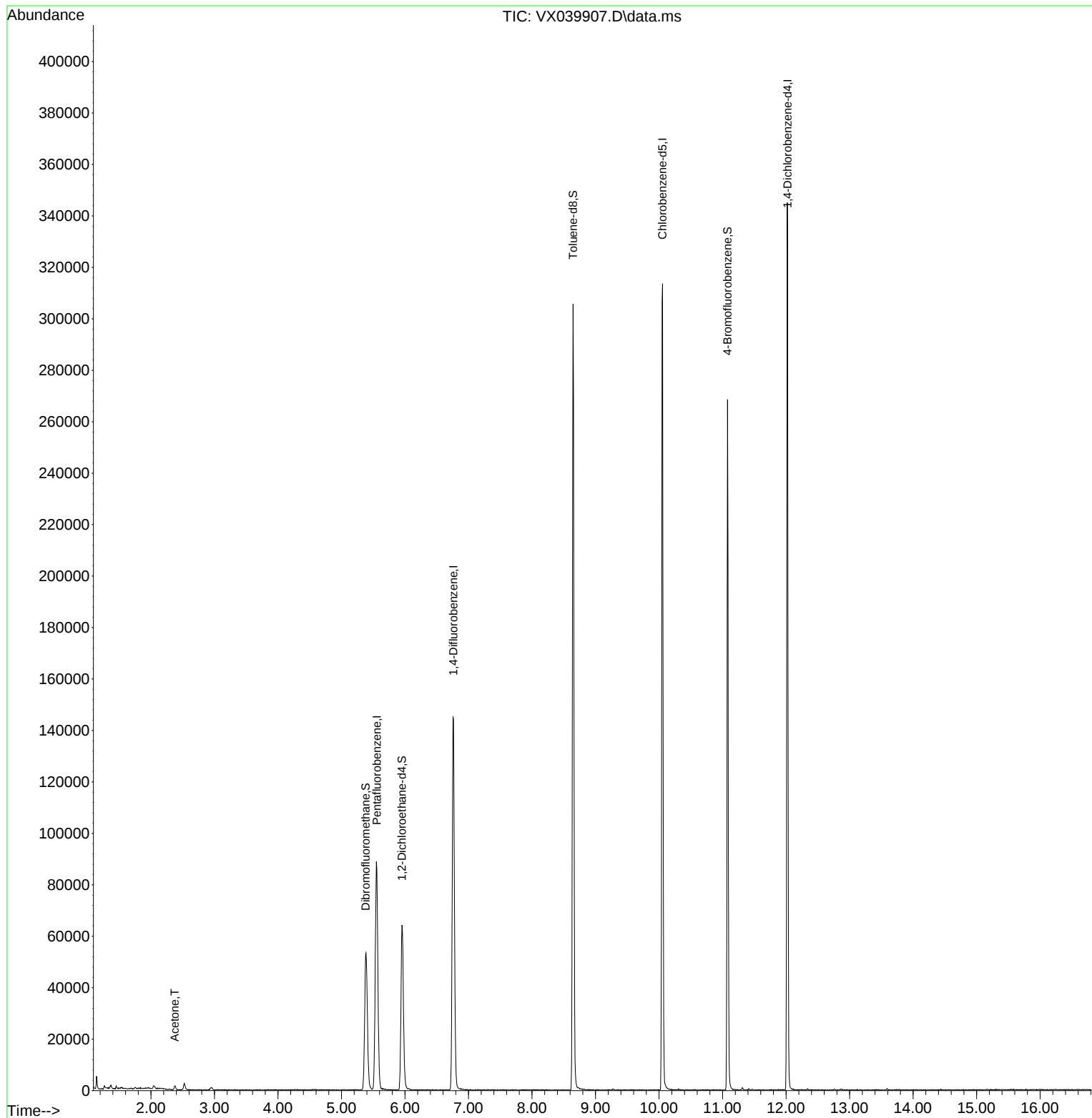
Internal Standards						
1) Pentafluorobenzene	5.556	168	77319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	143842	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61462	47.453	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.900%
35) Dibromofluoromethane	5.379	113	47492	49.020	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.040%
50) Toluene-d8	8.647	98	176714	48.361	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.720%
62) 4-Bromofluorobenzene	11.079	95	67878	47.504	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.000%
Target Compounds						
16) Acetone	2.374	43	1803	2.475	ug/l	Qvalue 93

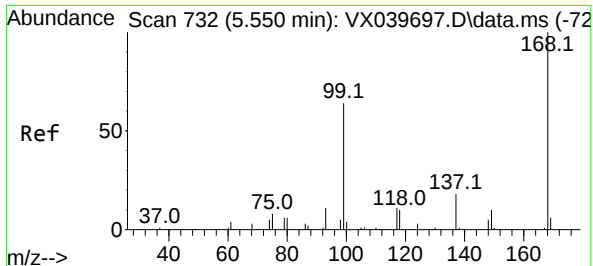
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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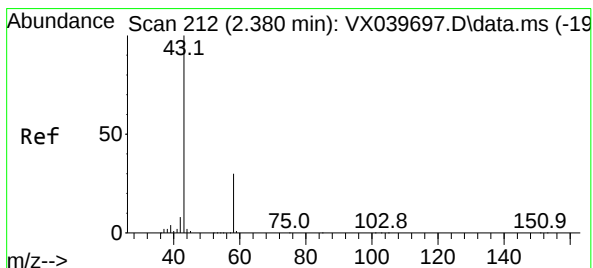
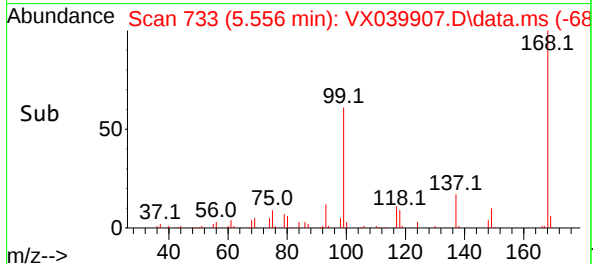
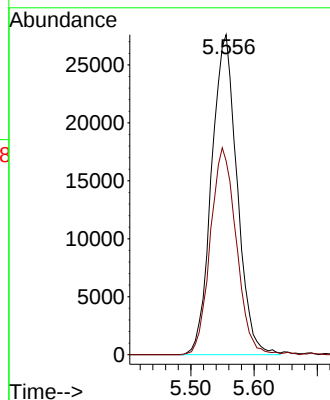
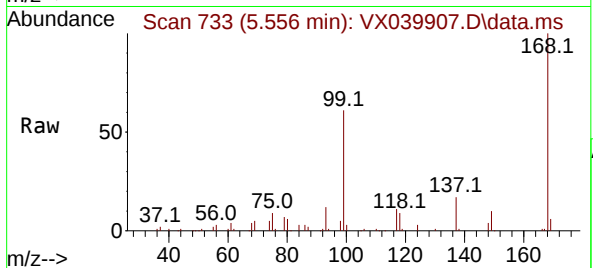




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039907.D
Acq: 23 Jan 2024 14:02

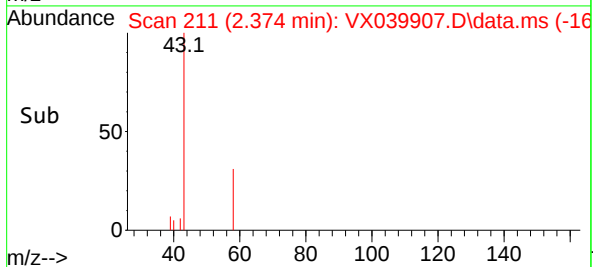
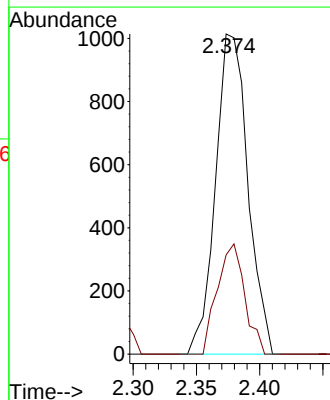
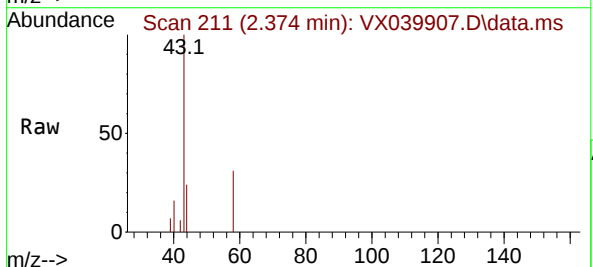
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-398-400

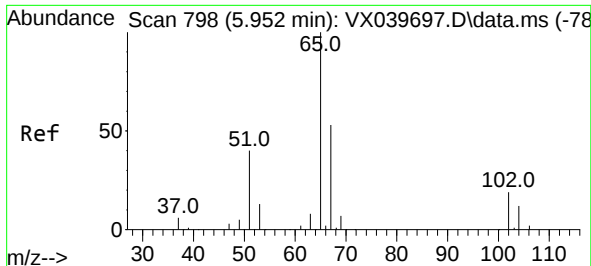
Tgt Ion:168 Resp: 77319
Ion Ratio Lower Upper
168 100
99 60.5 56.6 85.0



#16
Acetone
Concen: 2.475 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039907.D
Acq: 23 Jan 2024 14:02

Tgt Ion: 43 Resp: 1803
Ion Ratio Lower Upper
43 100
58 31.0 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 47.453 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039907.D

Acq: 23 Jan 2024 14:02

Instrument :

MSVOA_X

ClientSampleId :

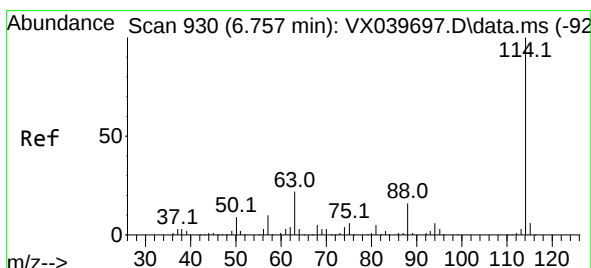
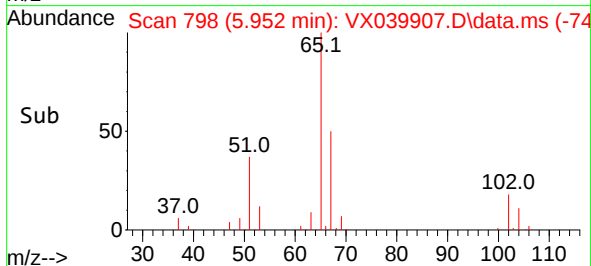
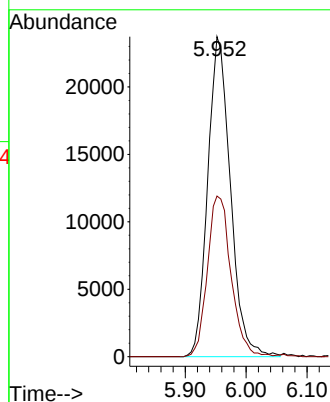
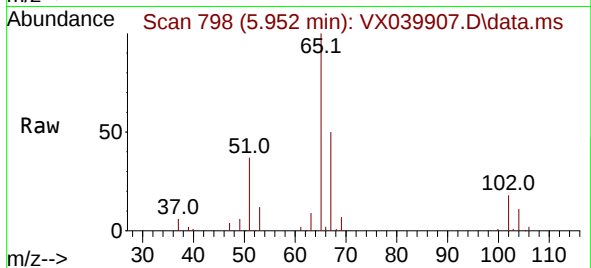
BP-VPB-191-GW-398-400

Tgt Ion: 65 Resp: 61462

Ion Ratio Lower Upper

65 100

67 52.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX039907.D

Acq: 23 Jan 2024 14:02

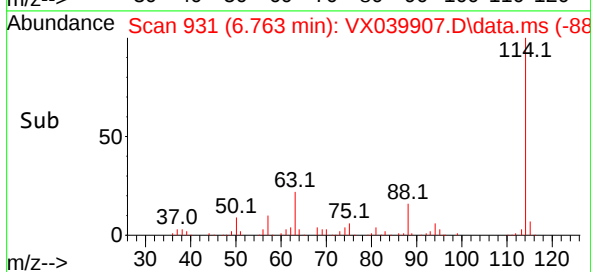
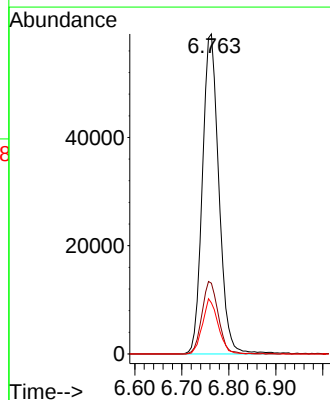
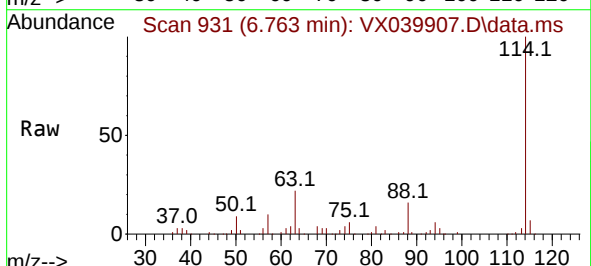
Tgt Ion: 114 Resp: 143842

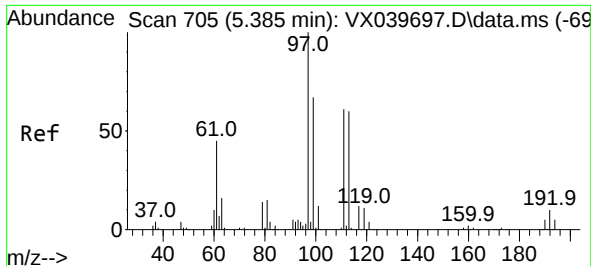
Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.0

88 15.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 49.020 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX039907.D

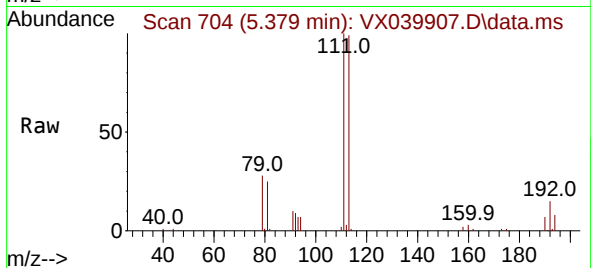
Acq: 23 Jan 2024 14:02

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-398-400



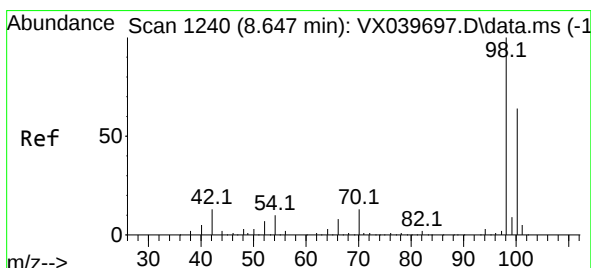
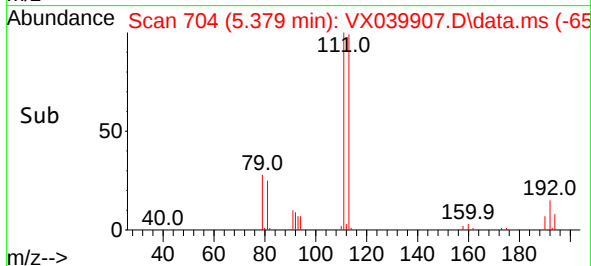
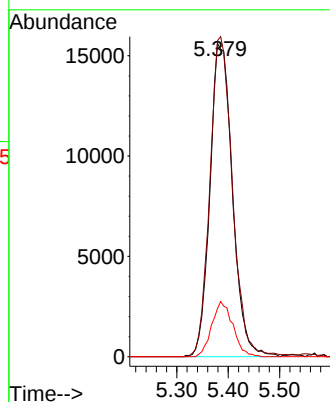
Tgt Ion:113 Resp: 47492

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

192 16.5 13.3 19.9



#50

Toluene-d8

Concen: 48.361 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039907.D

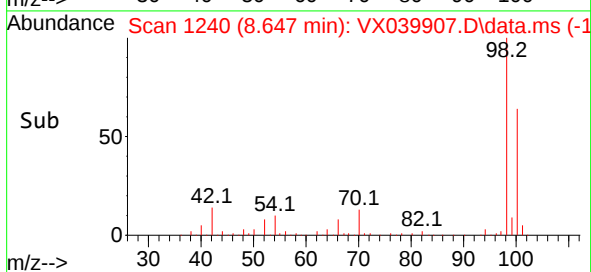
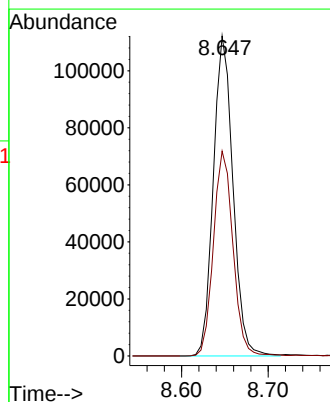
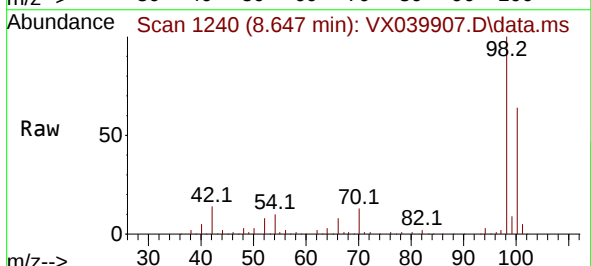
Acq: 23 Jan 2024 14:02

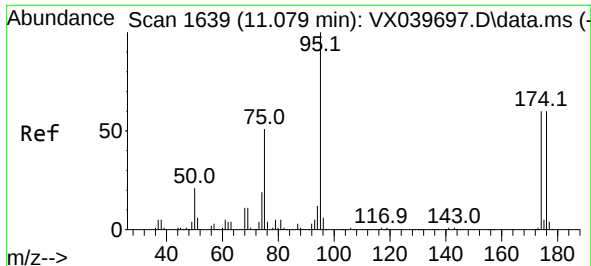
Tgt Ion: 98 Resp: 176714

Ion Ratio Lower Upper

98 100

100 63.7 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 47.504 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039907.D

Acq: 23 Jan 2024 14:02

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-398-400

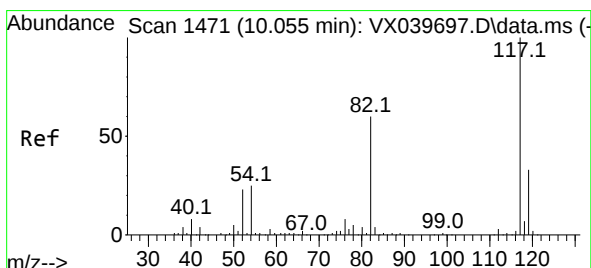
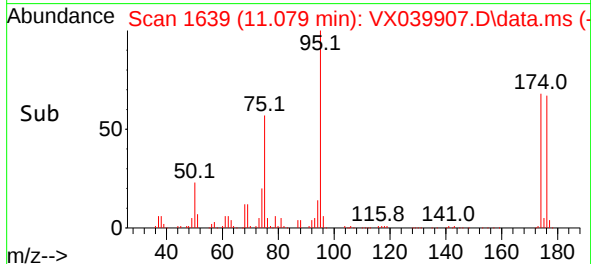
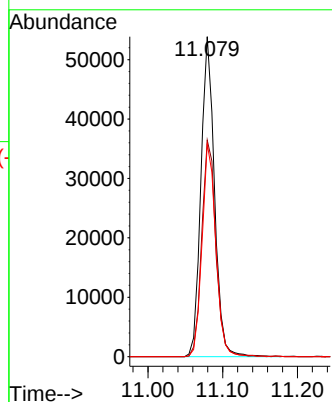
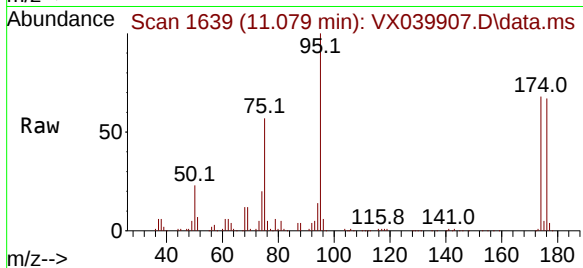
Tgt Ion: 95 Resp: 67878

Ion Ratio Lower Upper

95 100

174 70.3 0.0 135.6

176 67.5 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: VX039907.D

Acq: 23 Jan 2024 14:02

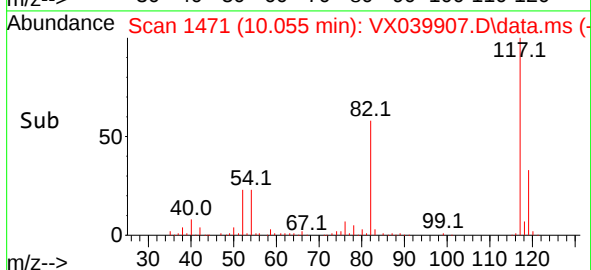
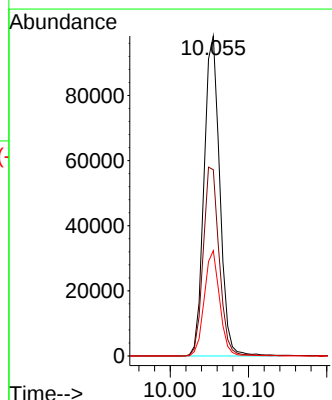
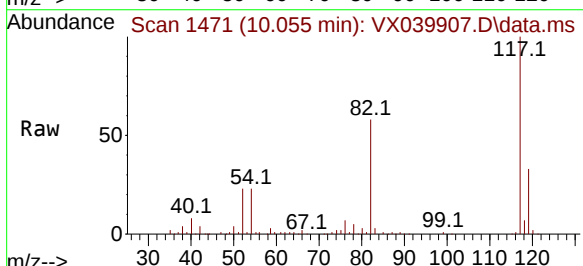
Tgt Ion: 117 Resp: 136959

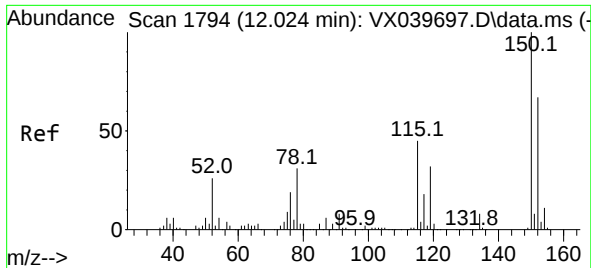
Ion Ratio Lower Upper

117 100

82 58.2 46.2 69.4

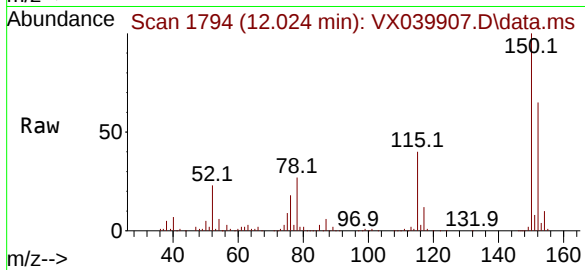
119 32.9 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX039907.D
 Acq: 23 Jan 2024 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-GW-398-400



Tgt Ion:152 Resp: 67362
 Ion Ratio Lower Upper
 152 100
 115 64.2 43.3 129.9
 150 155.3 0.0 345.0

