

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
 Data File : VX045148.D
 Acq On : 05 Mar 2025 17:28
 Operator : JC/MD
 Sample : Q1501-04 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BR-05-465-030525

Quant Time: Mar 06 01:10:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

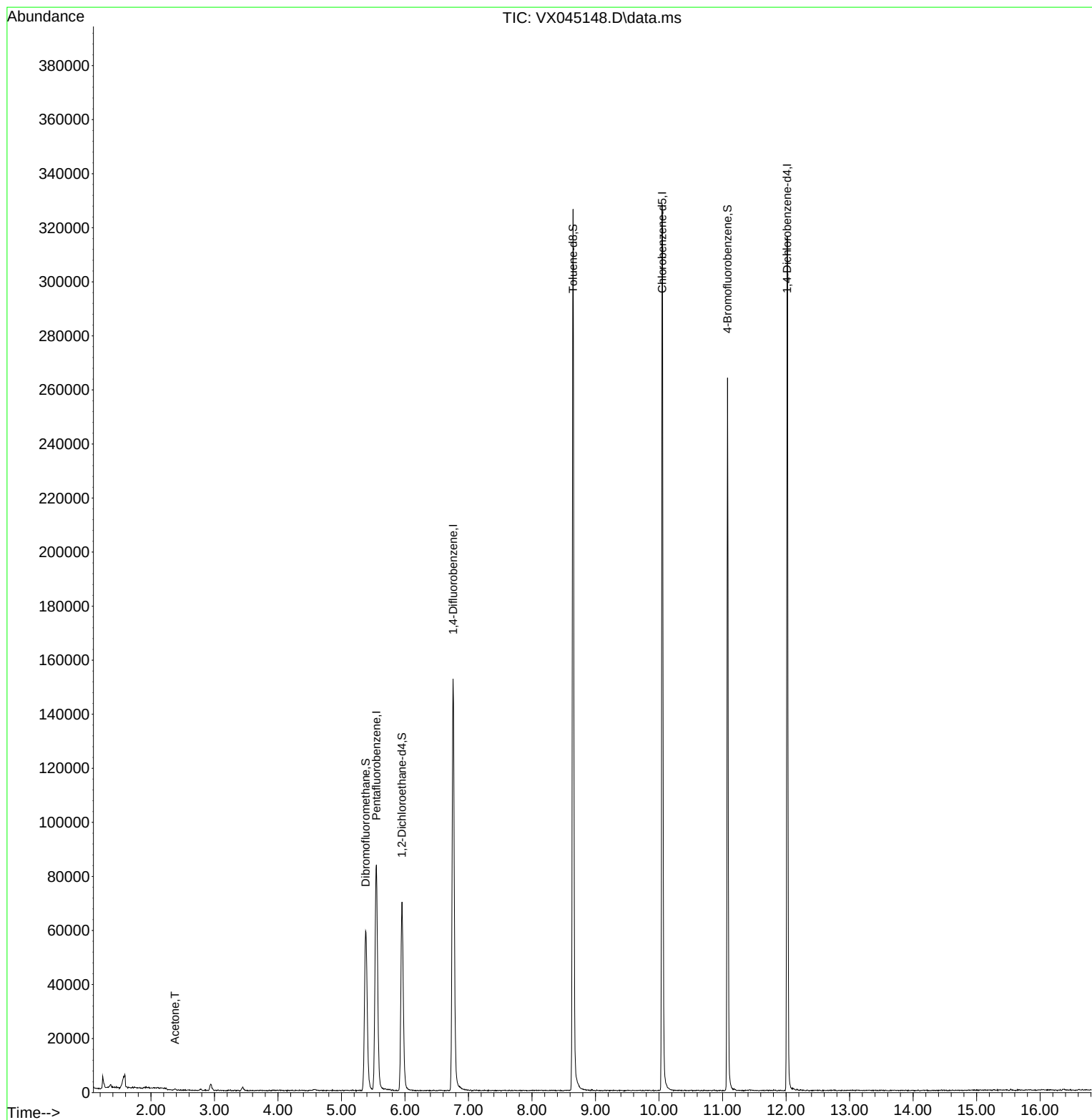
Internal Standards						
1) Pentafluorobenzene	5.550	168	76624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	155452	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	143985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63931	52.453	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.900%	
35) Dibromofluoromethane	5.379	113	53061	51.046	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.100%	
50) Toluene-d8	8.647	98	194343	51.571	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.140%	
62) 4-Bromofluorobenzene	11.079	95	66128	52.956	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.920%	
Target Compounds						Qvalue
16) Acetone	2.380	43	500	0.884	ug/l	# 88

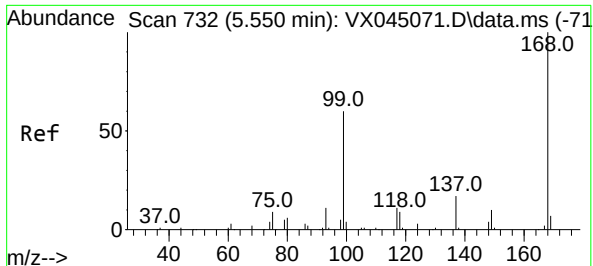
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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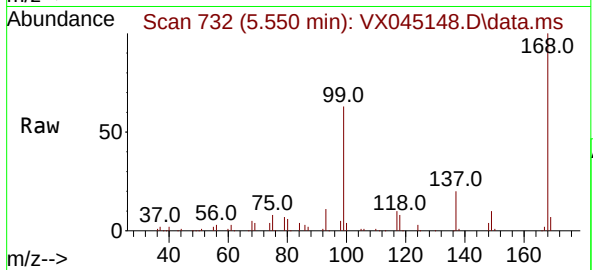
Quant Time: Mar 06 01:10:07 2025
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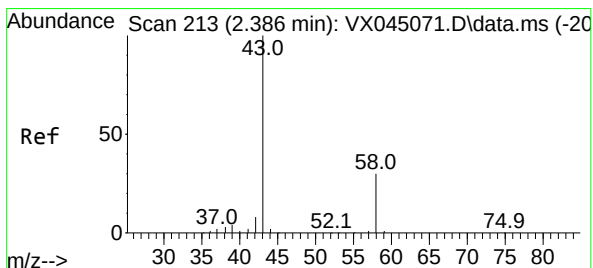
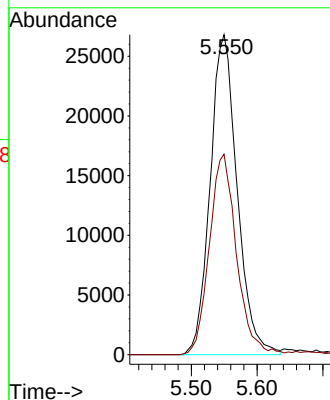
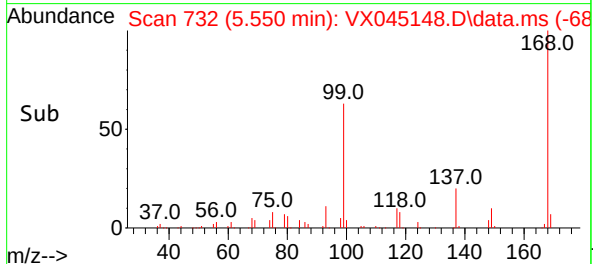


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045148.D
Acq: 05 Mar 2025 17:28

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-030525

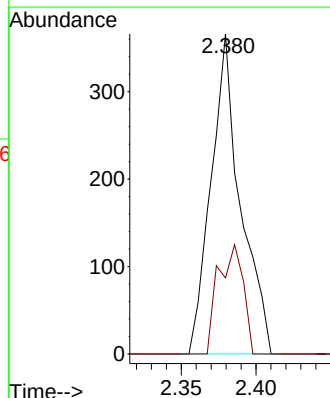
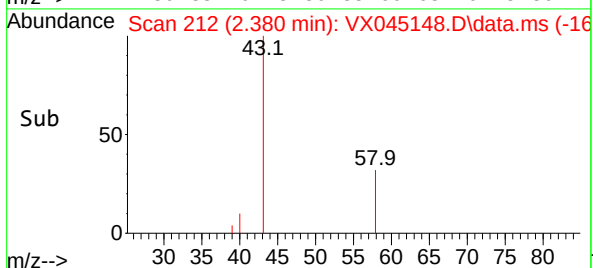
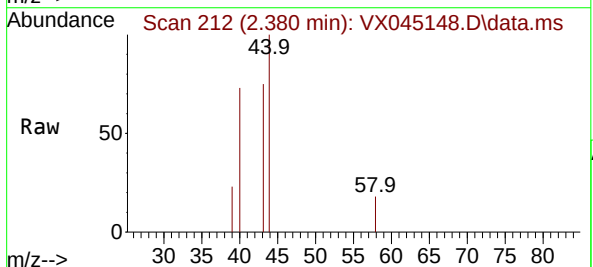


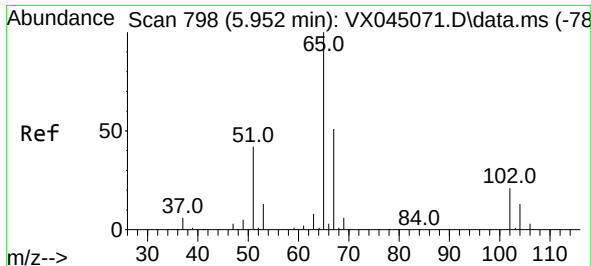
Tgt Ion:168 Resp: 76624
Ion Ratio Lower Upper
168 100
99 62.7 48.2 72.4



#16
Acetone
Concen: 0.884 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045148.D
Acq: 05 Mar 2025 17:28

Tgt Ion: 43 Resp: 500
Ion Ratio Lower Upper
43 100
58 23.8 24.2 36.4#





#33

1,2-Dichloroethane-d4

Concen: 52.453 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045148.D

Acq: 05 Mar 2025 17:28

Instrument :

MSVOA_X

ClientSampleId :

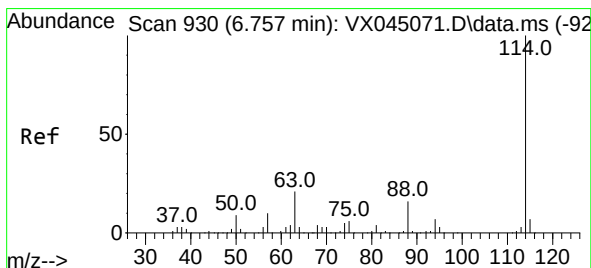
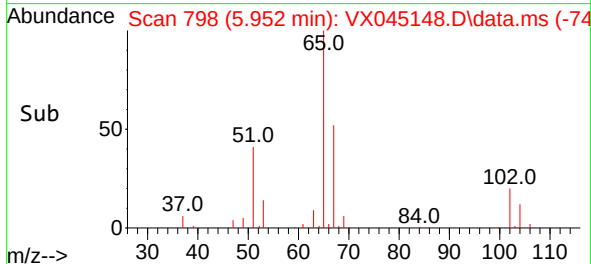
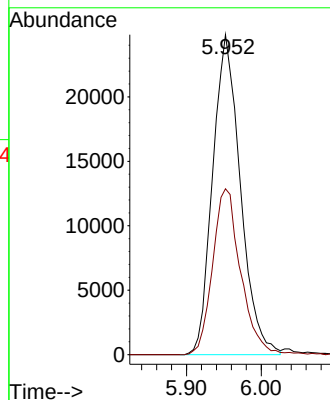
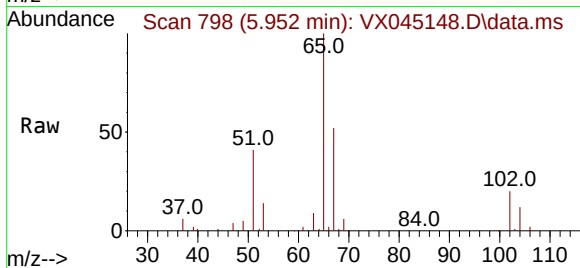
BR-05-465-030525

Tgt Ion: 65 Resp: 63931

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045148.D

Acq: 05 Mar 2025 17:28

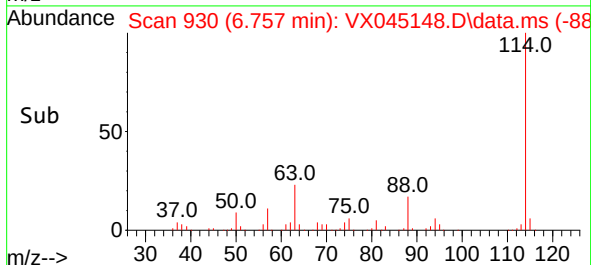
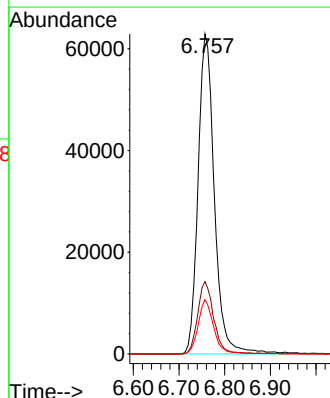
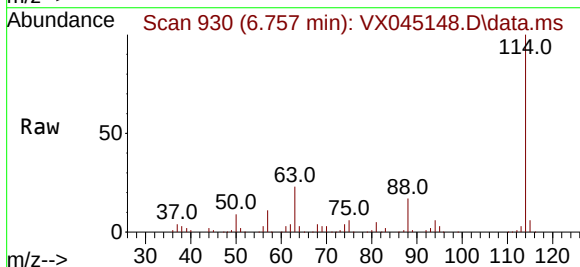
Tgt Ion: 114 Resp: 155452

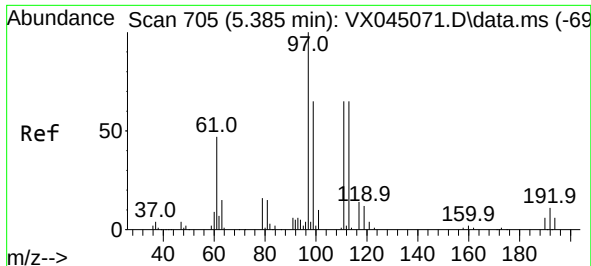
Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.8

88 16.9 0.0 32.8

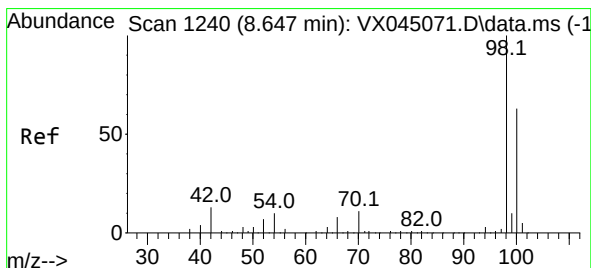
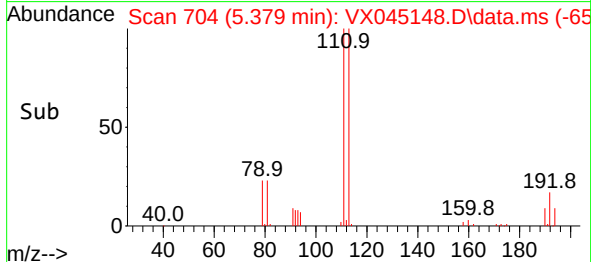
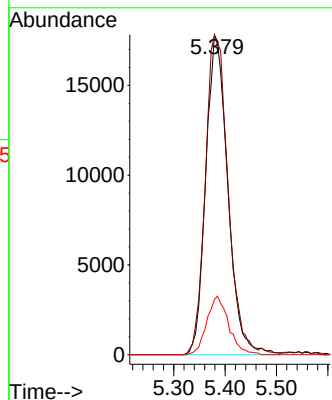
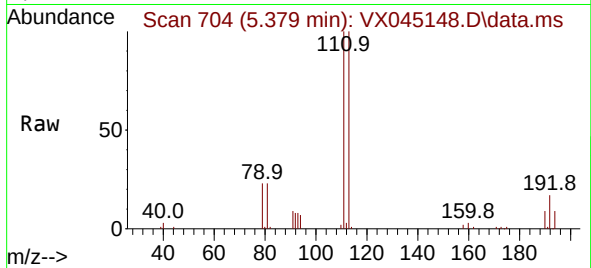




#35
Dibromofluoromethane
Concen: 51.046 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045148.D
Acq: 05 Mar 2025 17:28

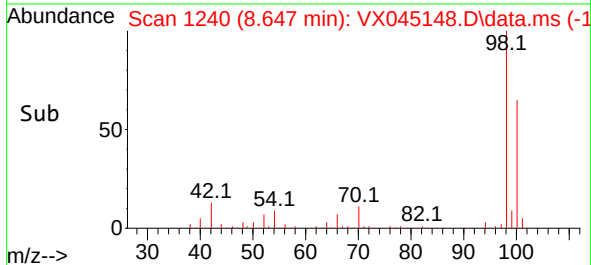
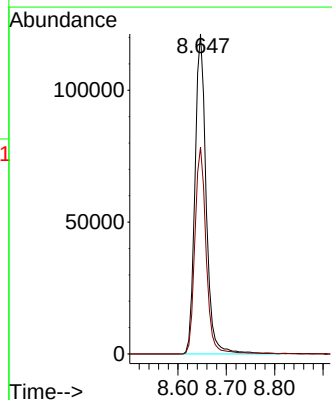
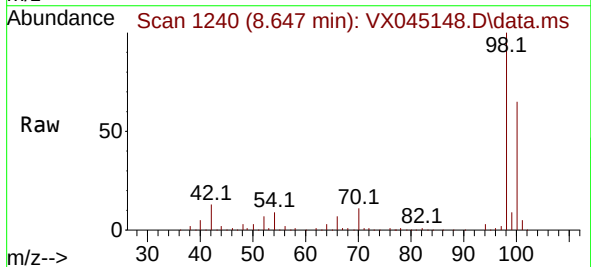
Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-030525

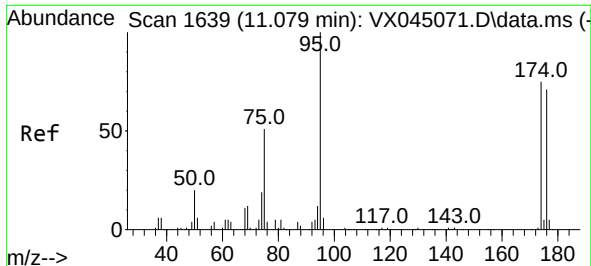
Tgt Ion:113 Resp: 53061
Ion Ratio Lower Upper
113 100
111 103.4 81.8 122.6
192 18.2 14.3 21.5



#50
Toluene-d8
Concen: 51.571 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045148.D
Acq: 05 Mar 2025 17:28

Tgt Ion: 98 Resp: 194343
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 52.956 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045148.D

Acq: 05 Mar 2025 17:28

Instrument :

MSVOA_X

ClientSampleId :

BR-05-465-030525

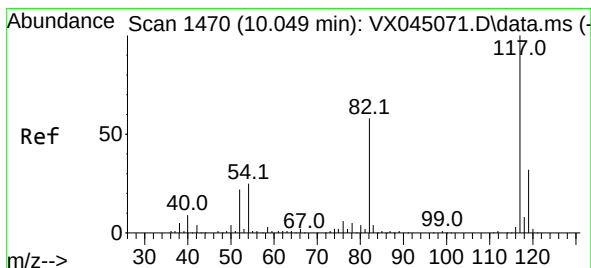
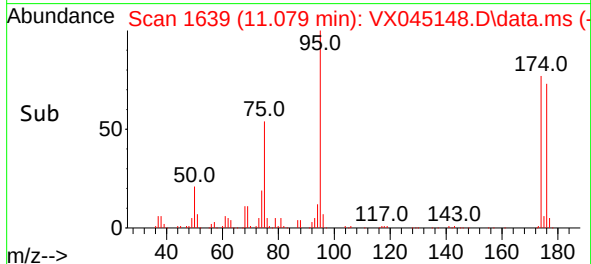
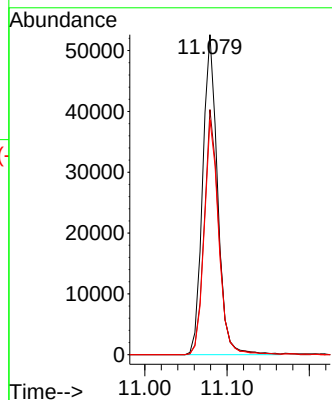
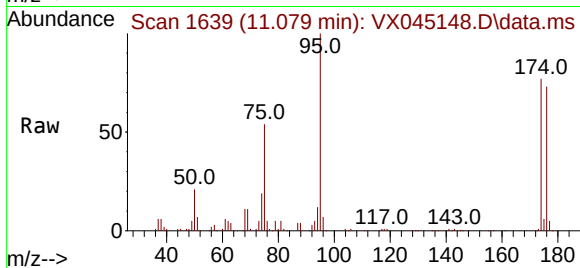
Tgt Ion: 95 Resp: 66128

Ion Ratio Lower Upper

95 100

174 74.6 0.0 148.2

176 71.5 0.0 141.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX045148.D

Acq: 05 Mar 2025 17:28

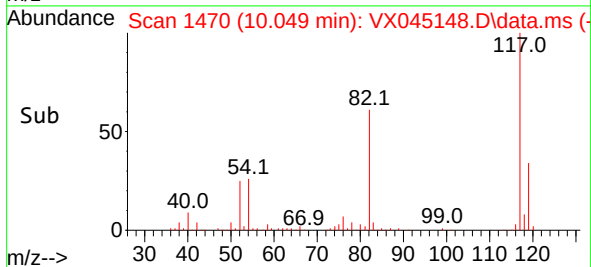
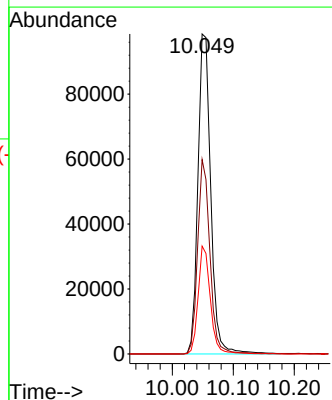
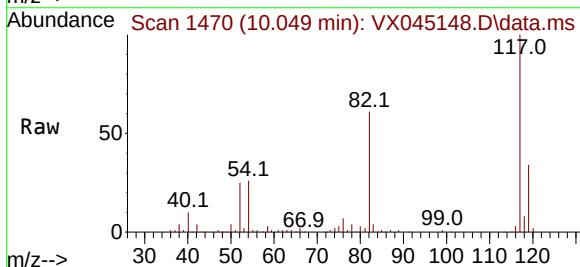
Tgt Ion: 117 Resp: 143985

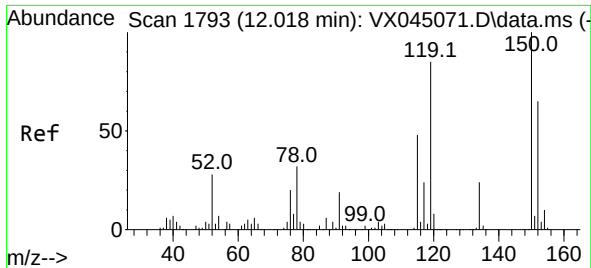
Ion Ratio Lower Upper

117 100

82 60.7 46.3 69.5

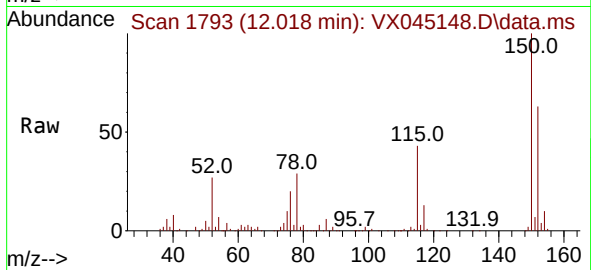
119 33.7 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045148.D
 Acq: 05 Mar 2025 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 BR-05-465-030525



Tgt Ion:152 Resp: 61761
 Ion Ratio Lower Upper
 152 100
 115 62.9 44.2 132.6
 150 156.1 0.0 349.0

