

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
 Data File : VX046424.D
 Acq On : 30 May 2025 16:12
 Operator : JC/MD
 Sample : Q2162-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-640-642

Quant Time: May 30 23:30:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

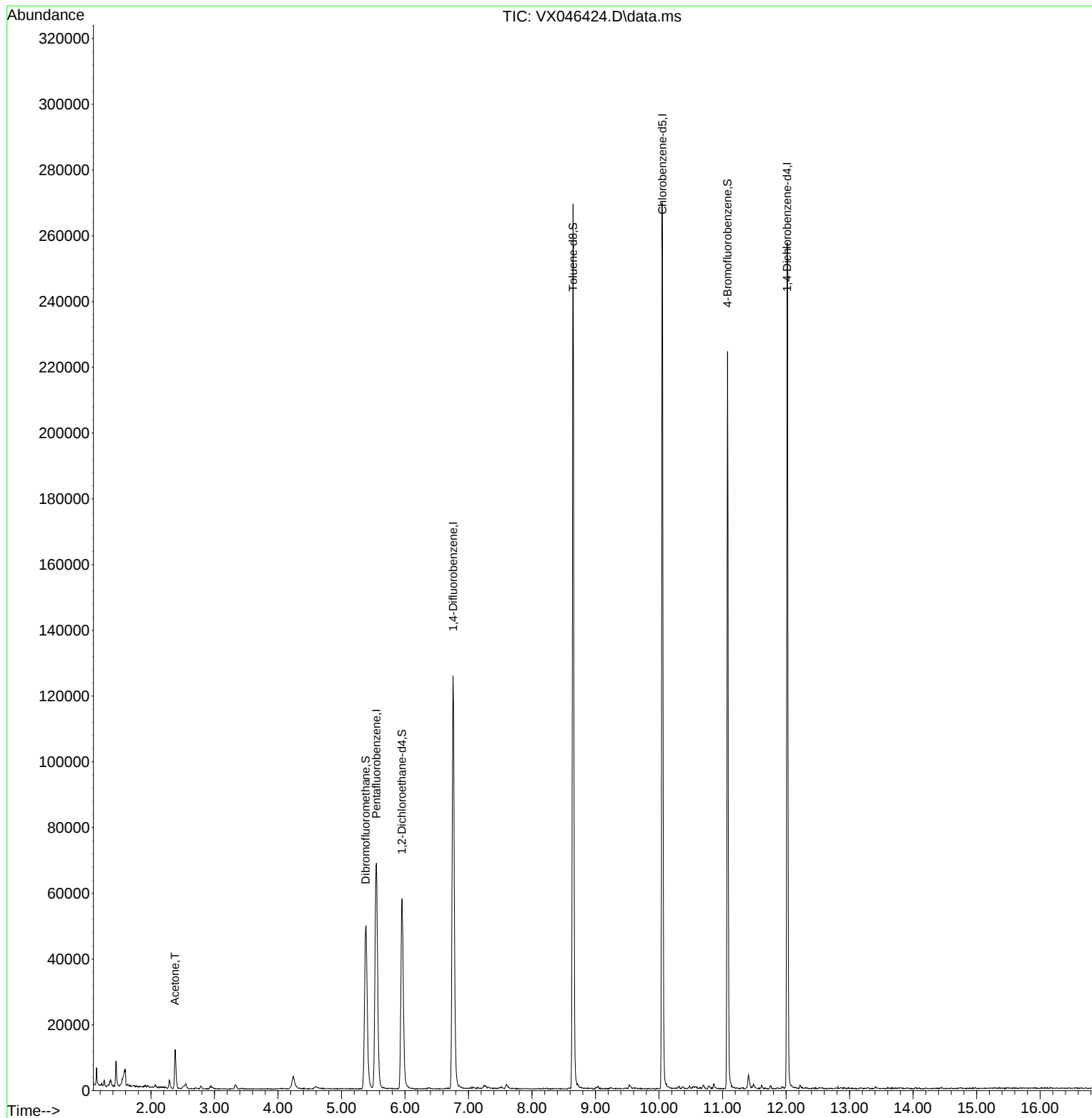
Internal Standards						
1) Pentafluorobenzene	5.550	168	58123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	117880	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47411	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59428	54.843	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 109.680%		
35) Dibromofluoromethane	5.379	113	43790	51.587	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.180%		
50) Toluene-d8	8.647	98	148211	50.446	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.900%		
62) 4-Bromofluorobenzene	11.079	95	57150	50.711	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 101.420%		
Target Compounds						
16) Acetone	2.380	43	12475	28.713	ug/l	Qvalue 99

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

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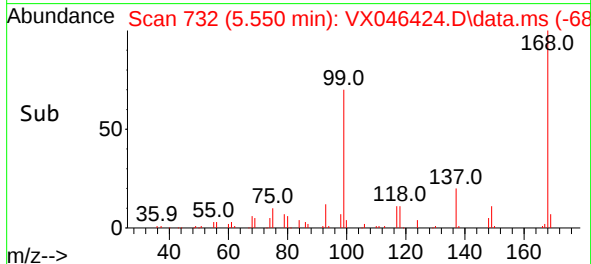
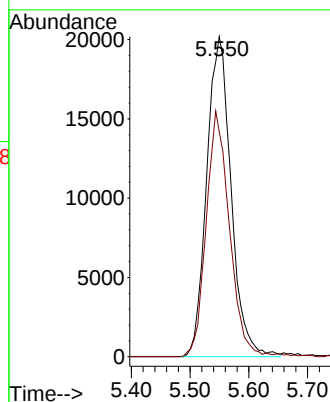
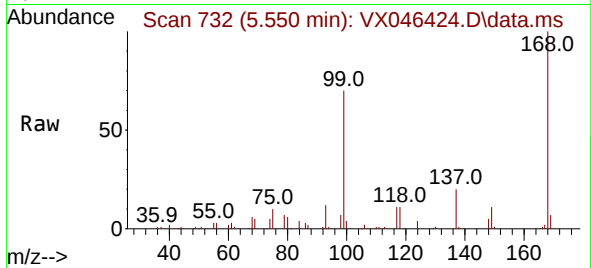




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046424.D
Acq: 30 May 2025 16:12

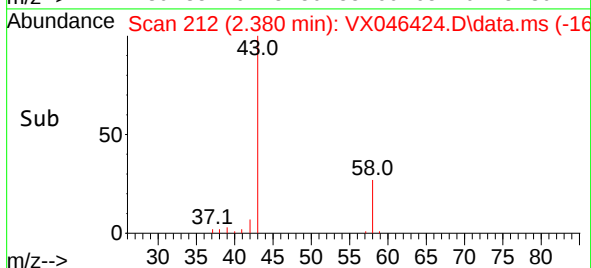
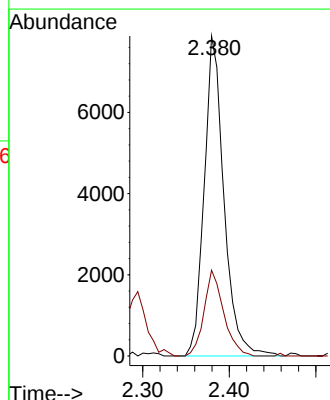
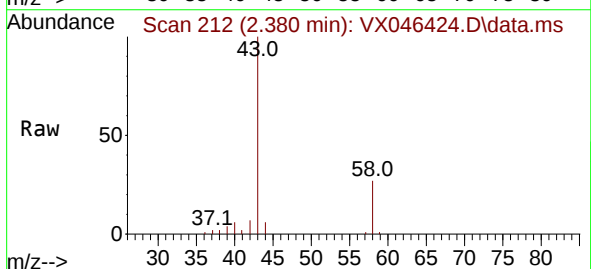
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-640-642

Tgt Ion:168 Resp: 58123
Ion Ratio Lower Upper
168 100
99 70.2 54.9 82.3



#16
Acetone
Concen: 28.713 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046424.D
Acq: 30 May 2025 16:12

Tgt Ion: 43 Resp: 12475
Ion Ratio Lower Upper
43 100
58 26.8 21.2 31.8





#33

1,2-Dichloroethane-d4

Concen: 54.843 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046424.D

Acq: 30 May 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

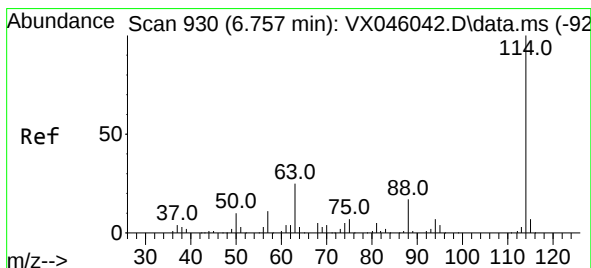
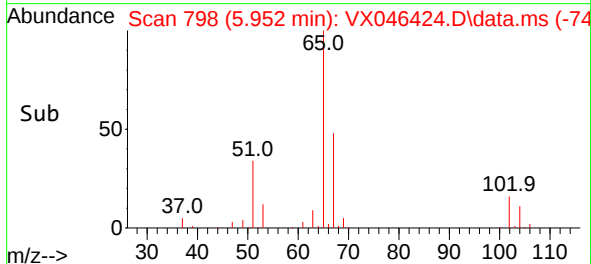
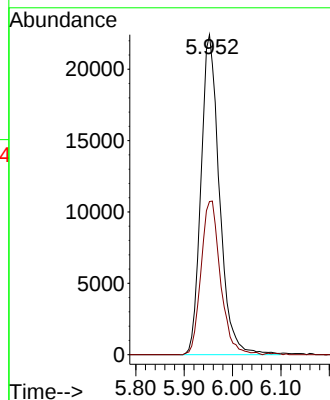
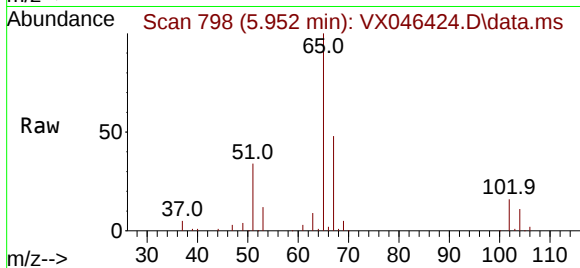
BP-VPB-182-GW-640-642

Tgt Ion: 65 Resp: 59428

Ion Ratio Lower Upper

65 100

67 50.5 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046424.D

Acq: 30 May 2025 16:12

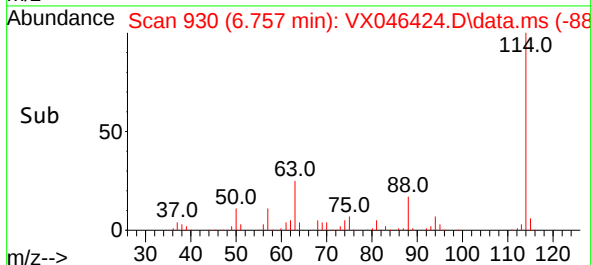
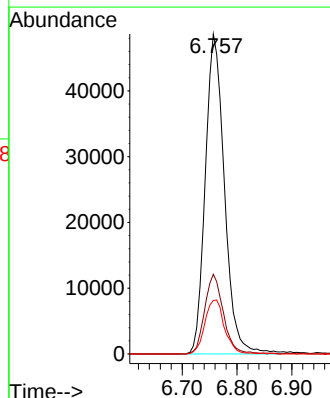
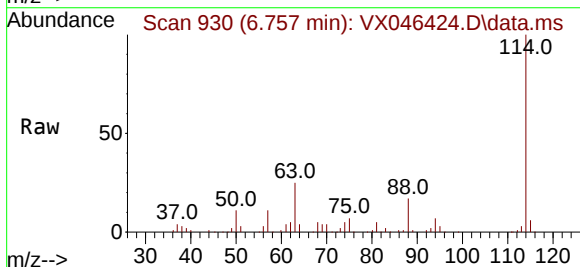
Tgt Ion: 114 Resp: 117880

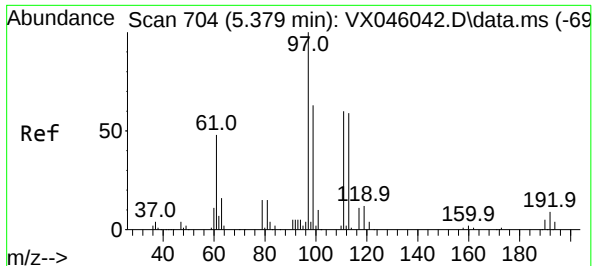
Ion Ratio Lower Upper

114 100

63 24.9 0.0 49.2

88 16.7 0.0 33.6

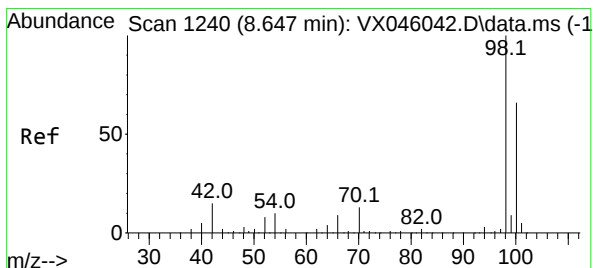
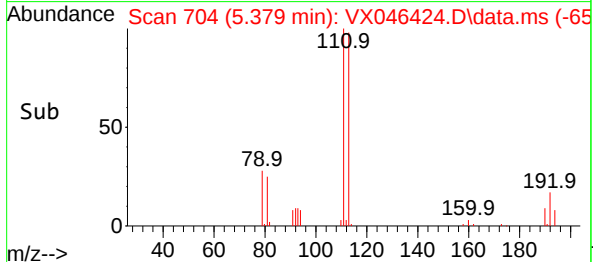
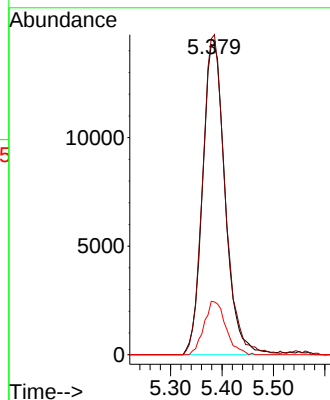
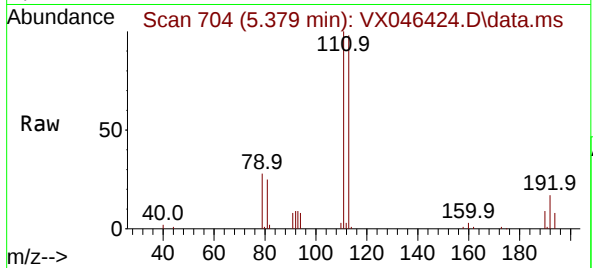




#35
Dibromofluoromethane
Concen: 51.587 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046424.D
Acq: 30 May 2025 16:12

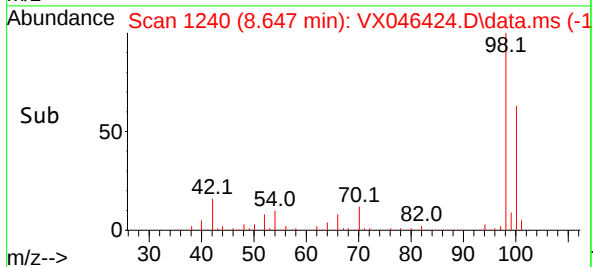
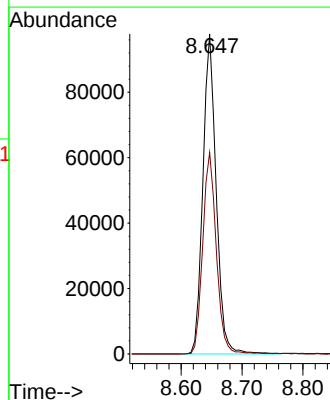
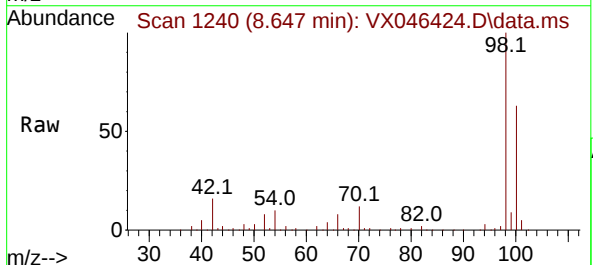
Instrument :
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ClientSampleId :
BP-VPB-182-GW-640-642

Tgt Ion:113 Resp: 43790
Ion Ratio Lower Upper
113 100
111 101.6 83.1 124.7
192 16.5 13.3 19.9



#50
Toluene-d8
Concen: 50.446 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046424.D
Acq: 30 May 2025 16:12

Tgt Ion: 98 Resp: 148211
Ion Ratio Lower Upper
98 100
100 64.4 53.5 80.3

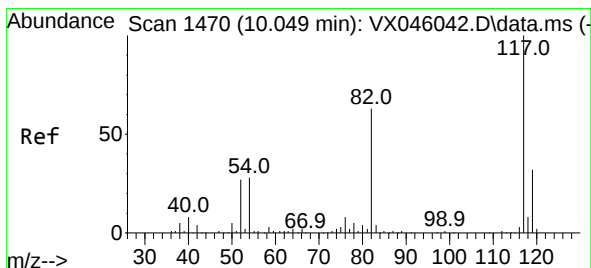
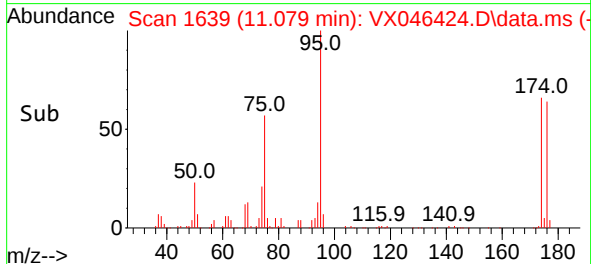
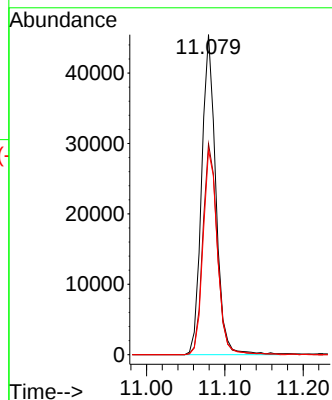
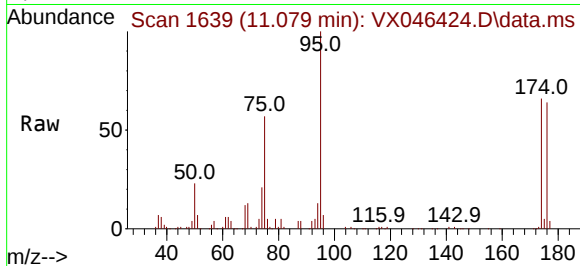




#62
4-Bromofluorobenzene
Concen: 50.711 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046424.D
Acq: 30 May 2025 16:12

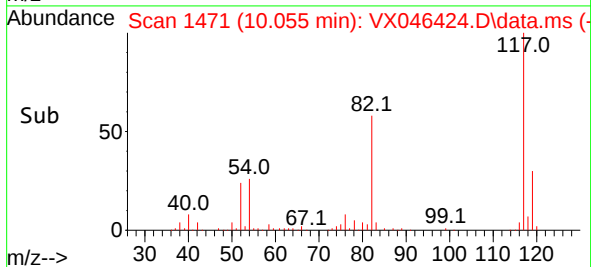
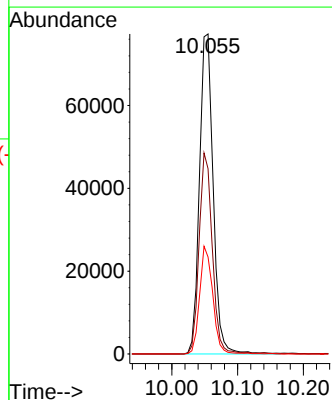
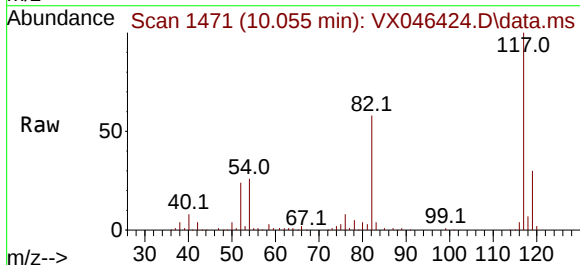
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-640-642

Tgt Ion: 95 Resp: 57150
Ion Ratio Lower Upper
95 100
174 67.0 0.0 135.8
176 64.8 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046424.D
Acq: 30 May 2025 16:12

Tgt Ion: 117 Resp: 112123
Ion Ratio Lower Upper
117 100
82 57.9 50.6 76.0
119 30.3 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046424.D

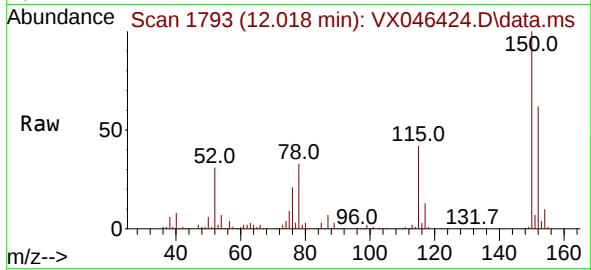
Acq: 30 May 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-GW-640-642



Tgt Ion:152 Resp: 47411

Ion Ratio Lower Upper

152 100

115 66.9 46.9 140.7

150 160.5 0.0 351.0

