

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
 Data File : VX046344.D
 Acq On : 23 May 2025 14:53
 Operator : JC/MD
 Sample : Q2118-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-DUP-20250520

Quant Time: May 23 23:02:56 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)

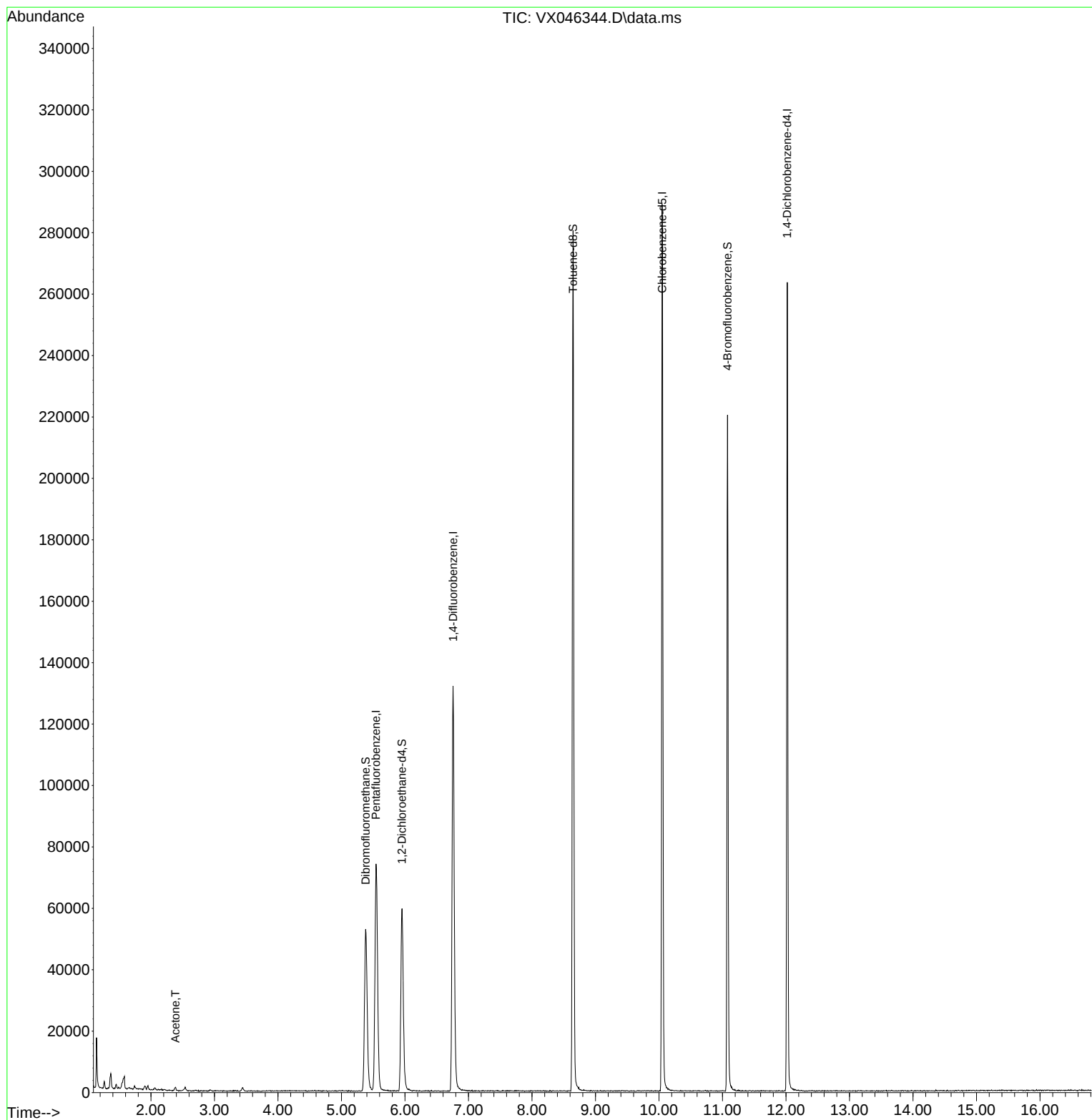
Internal Standards						
1) Pentafluorobenzene	5.544	168	62715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124739	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63254	54.100	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.200%	
35) Dibromofluoromethane	5.379	113	45684	50.859	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.720%	
50) Toluene-d8	8.647	98	156867	50.456	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.920%	
62) 4-Bromofluorobenzene	11.079	95	59241	49.676	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.360%	
Target Compounds						
16) Acetone	2.386	43	1410	3.008	ug/l	Qvalue 97

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

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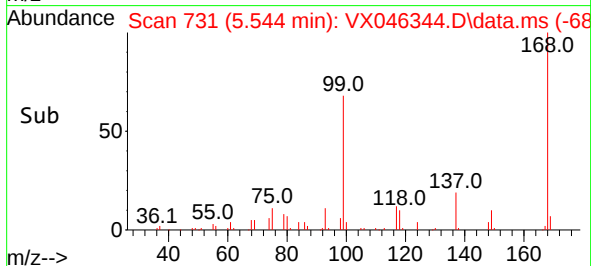
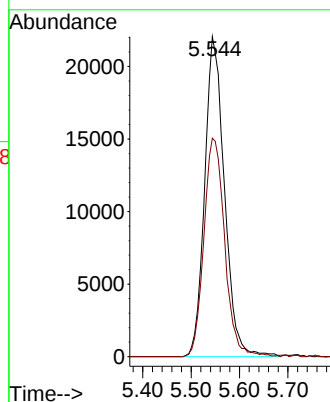
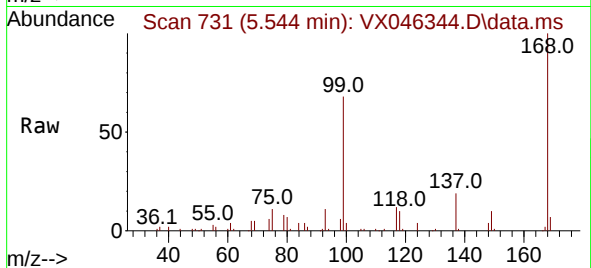




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX046344.D
Acq: 23 May 2025 14:53

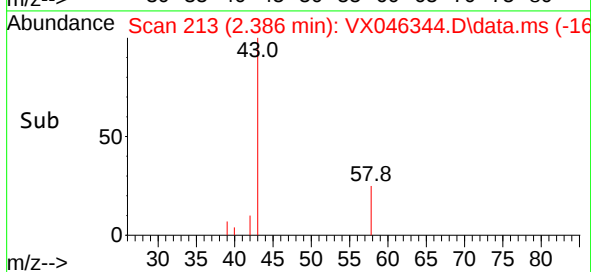
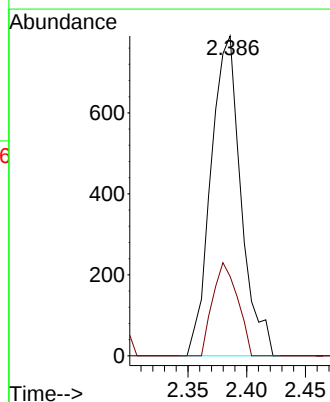
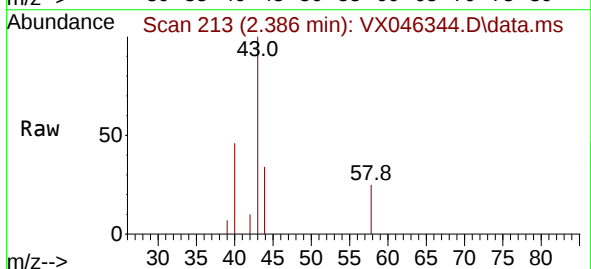
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-DUP-20250520

Tgt Ion:168 Resp: 62715
Ion Ratio Lower Upper
168 100
99 68.3 54.9 82.3



#16
Acetone
Concen: 3.008 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046344.D
Acq: 23 May 2025 14:53

Tgt Ion: 43 Resp: 1410
Ion Ratio Lower Upper
43 100
58 24.8 21.2 31.8





#33

1,2-Dichloroethane-d4

Concen: 54.100 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046344.D

Acq: 23 May 2025 14:53

Instrument :

MSVOA_X

ClientSampleId :

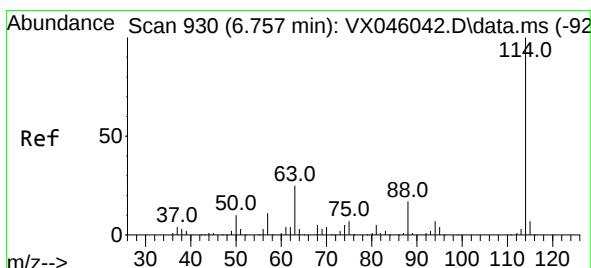
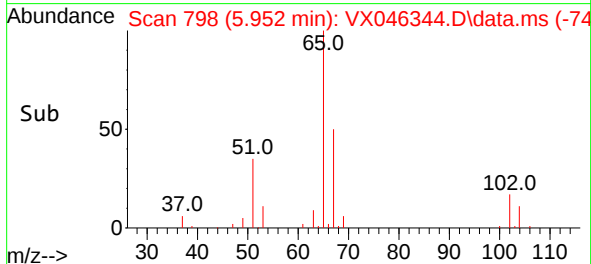
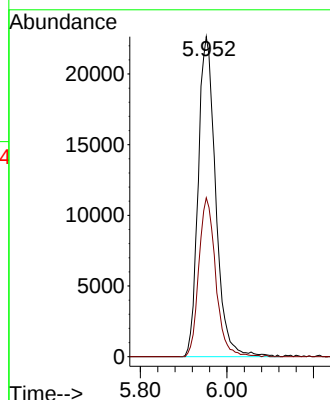
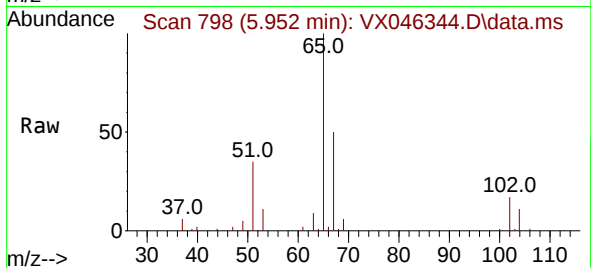
BP-VPB-182-DUP-20250520

Tgt Ion: 65 Resp: 63254

Ion Ratio Lower Upper

65 100

67 48.1 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: VX046344.D

Acq: 23 May 2025 14:53

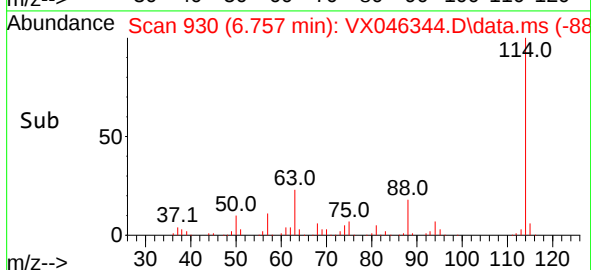
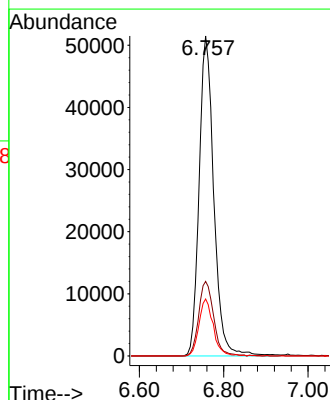
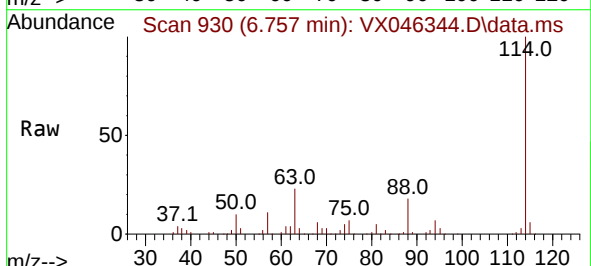
Tgt Ion: 114 Resp: 124739

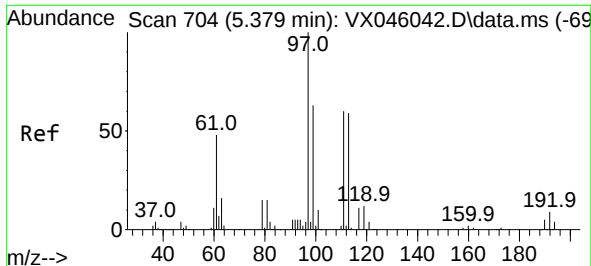
Ion Ratio Lower Upper

114 100

63 23.3 0.0 49.2

88 17.8 0.0 33.6

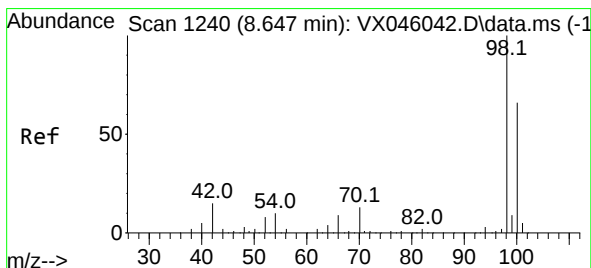
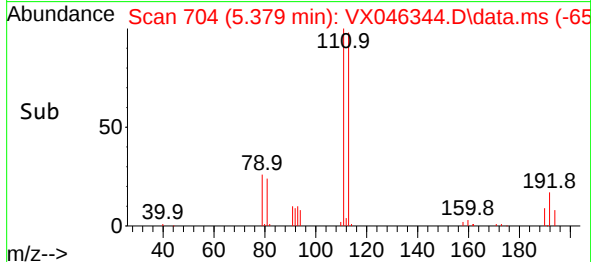
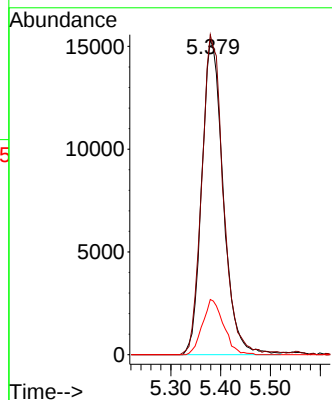
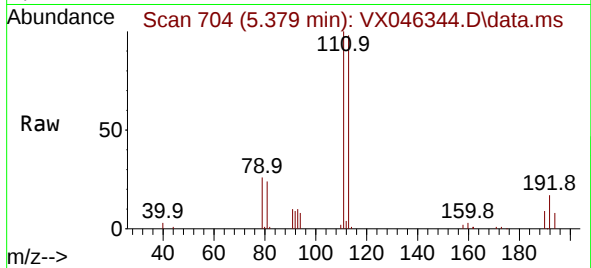




#35
Dibromofluoromethane
Concen: 50.859 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046344.D
Acq: 23 May 2025 14:53

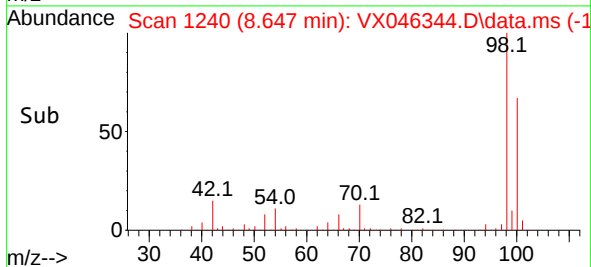
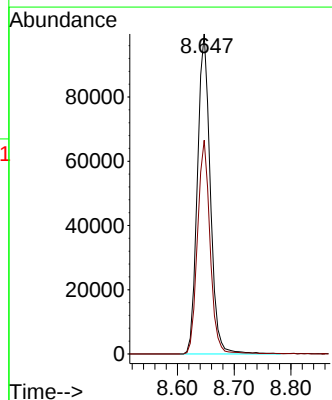
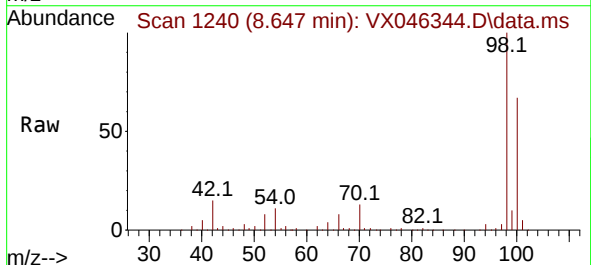
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-DUP-20250520

Tgt Ion:113 Resp: 45684
Ion Ratio Lower Upper
113 100
111 102.4 83.1 124.7
192 17.3 13.3 19.9



#50
Toluene-d8
Concen: 50.456 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046344.D
Acq: 23 May 2025 14:53

Tgt Ion: 98 Resp: 156867
Ion Ratio Lower Upper
98 100
100 65.2 53.5 80.3

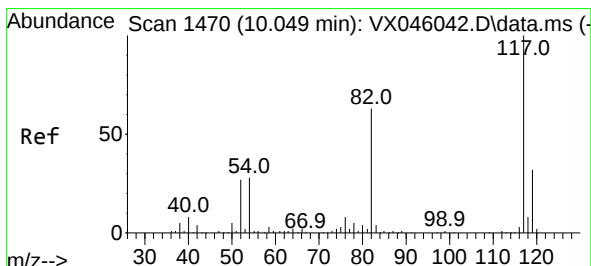
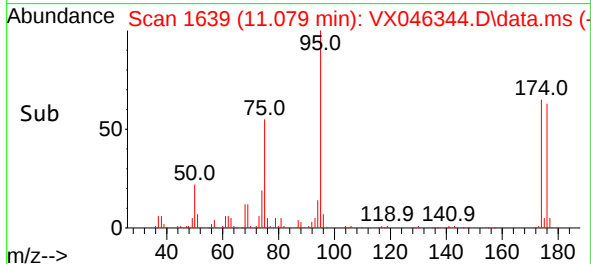
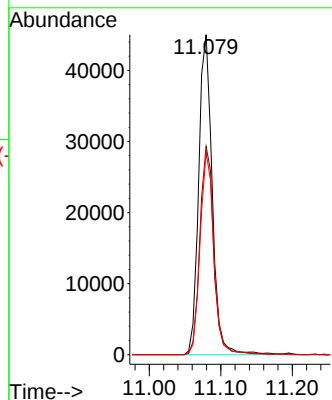
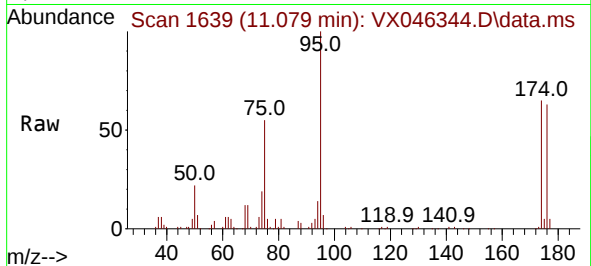




#62
4-Bromofluorobenzene
Concen: 49.676 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046344.D
Acq: 23 May 2025 14:53

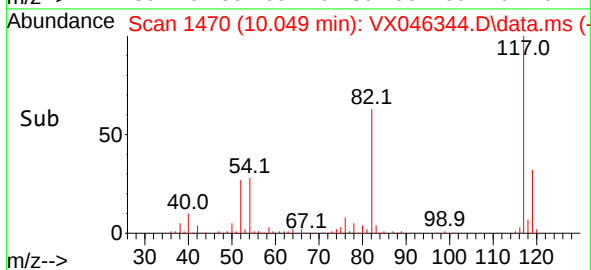
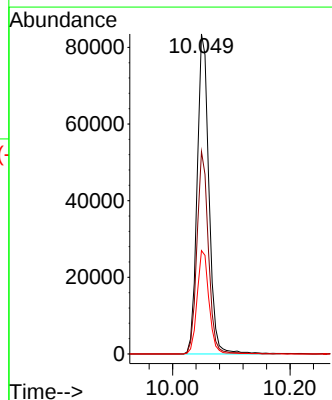
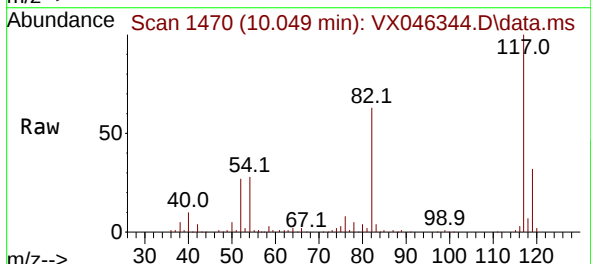
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-DUP-20250520

Tgt Ion: 95 Resp: 59241
Ion Ratio Lower Upper
95 100
174 66.5 0.0 135.8
176 63.8 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046344.D
Acq: 23 May 2025 14:53

Tgt Ion: 117 Resp: 116065
Ion Ratio Lower Upper
117 100
82 63.2 50.6 76.0
119 32.3 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: VX046344.D

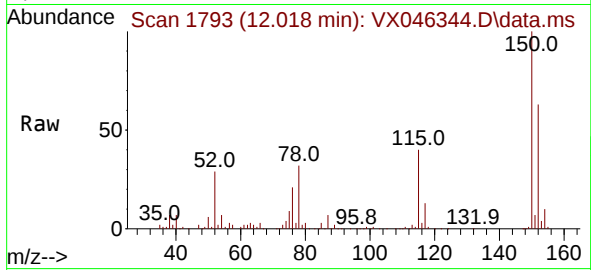
Acq: 23 May 2025 14:53

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-DUP-20250520



Tgt Ion:152 Resp: 47836

Ion Ratio Lower Upper

152 100

115 64.9 46.9 140.7

150 156.2 0.0 351.0

