

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051425\
 Data File : VX046186.D
 Acq On : 14 May 2025 12:00
 Operator : JC/MD
 Sample : Q2032-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-05132025

Quant Time: May 15 01:19:48 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	65812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131639	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	68115	55.516	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.040%	
35) Dibromofluoromethane	5.379	113	49114	51.811	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.620%	
50) Toluene-d8	8.647	98	164217	50.052	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.100%	
62) 4-Bromofluorobenzene	11.079	95	62184	49.410	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 98.820%	

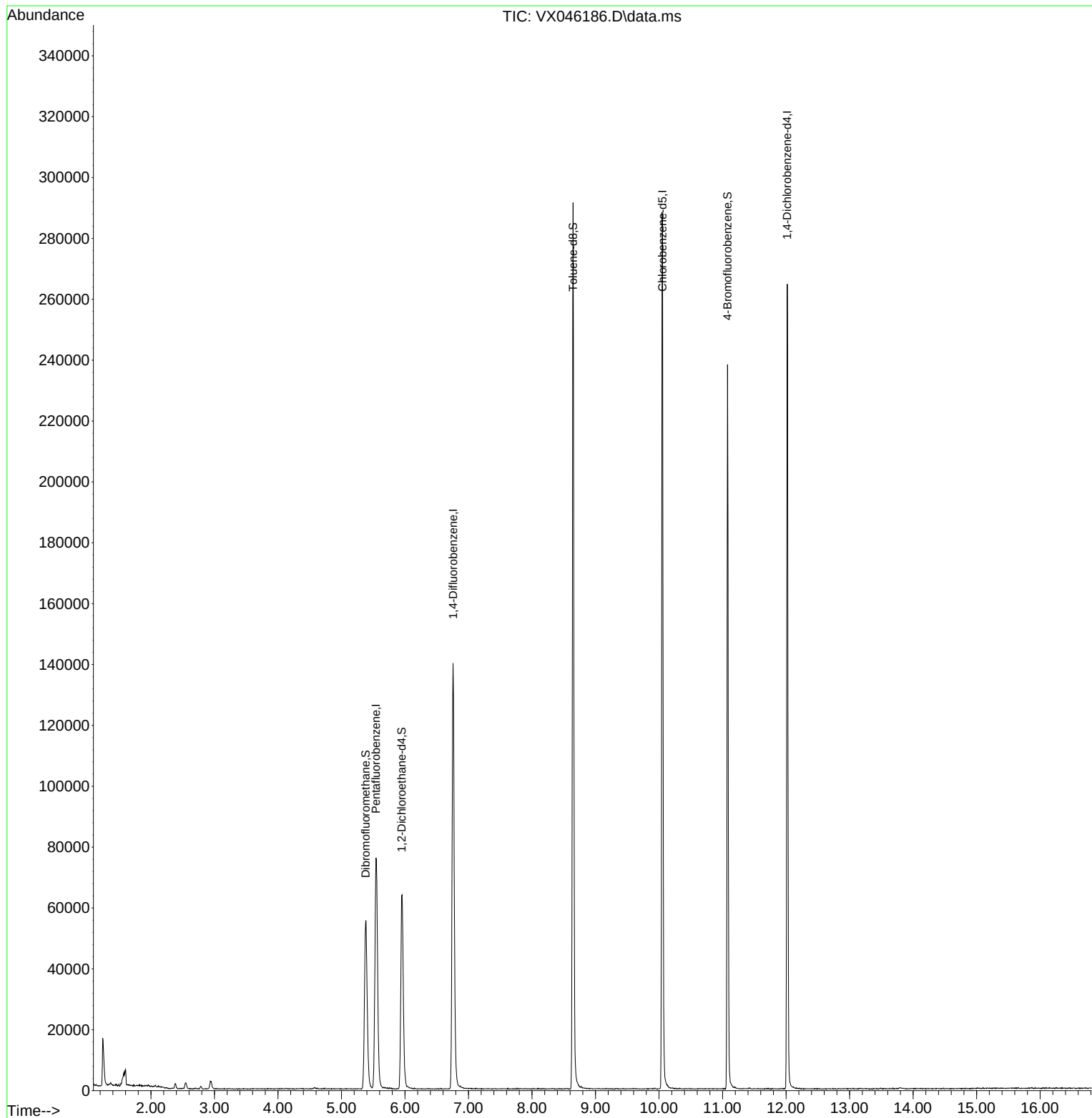
Target Compounds	Qvalue

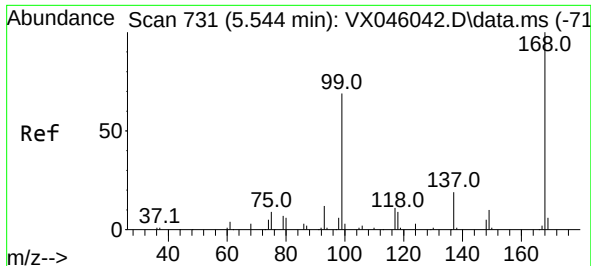
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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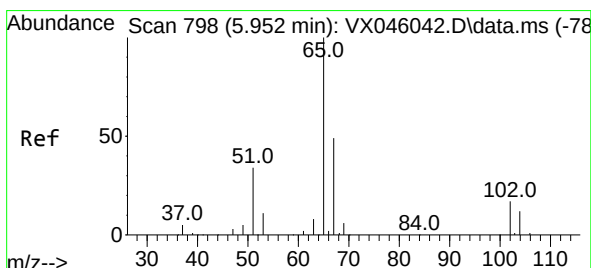
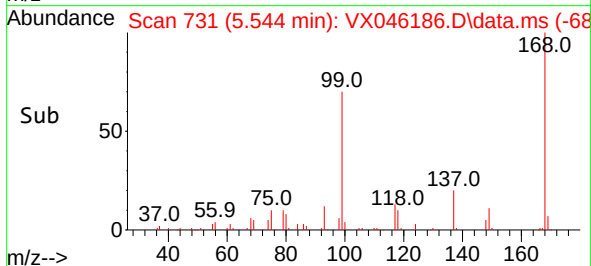
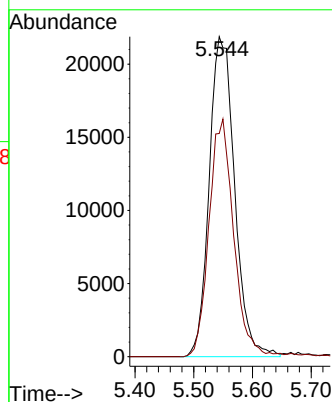
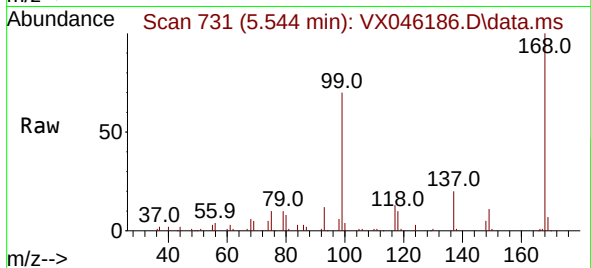




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046186.D
Acq: 14 May 2025 12:00

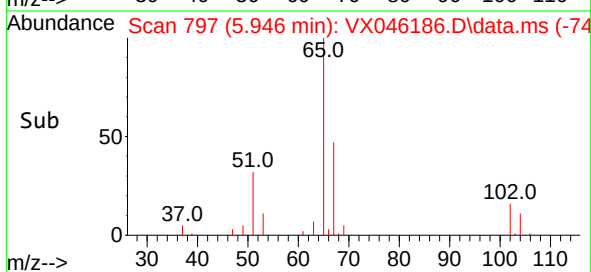
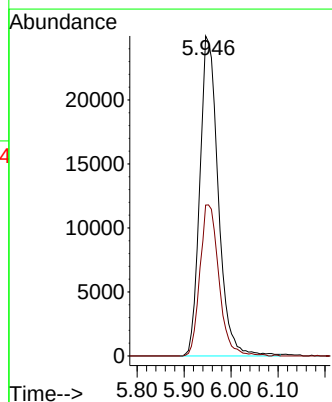
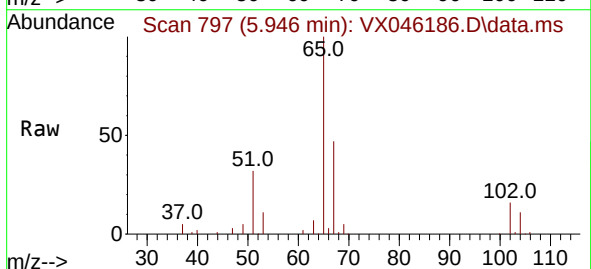
Instrument :
MSVOA_X
ClientSampleId :
FB-05132025

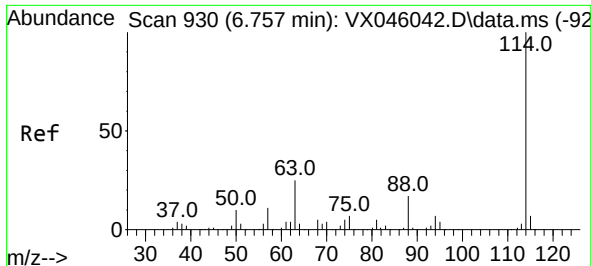
Tgt Ion:168 Resp: 65812
Ion Ratio Lower Upper
168 100
99 69.8 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 55.516 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX046186.D
Acq: 14 May 2025 12:00

Tgt Ion: 65 Resp: 68115
Ion Ratio Lower Upper
65 100
67 48.7 0.0 99.0

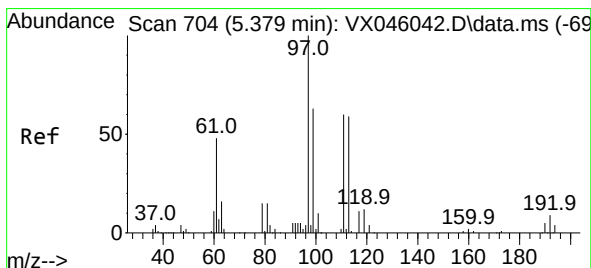
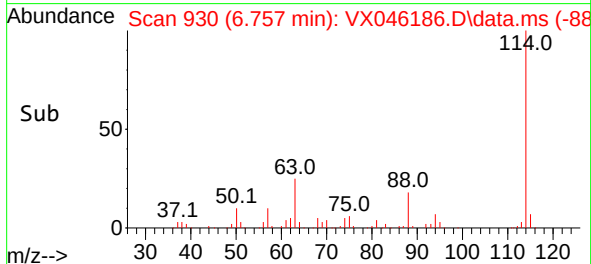
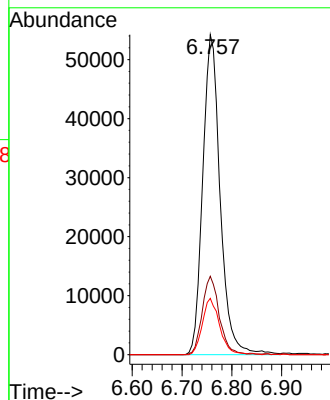
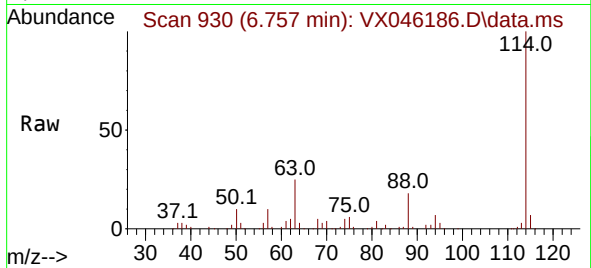




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046186.D
Acq: 14 May 2025 12:00

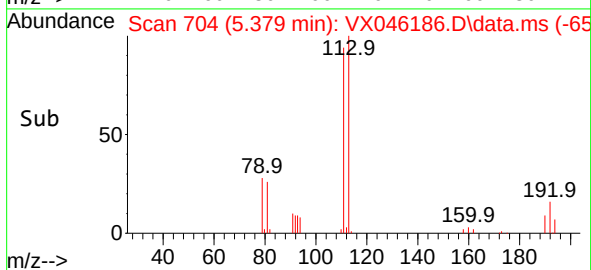
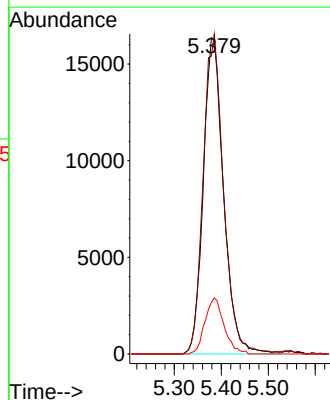
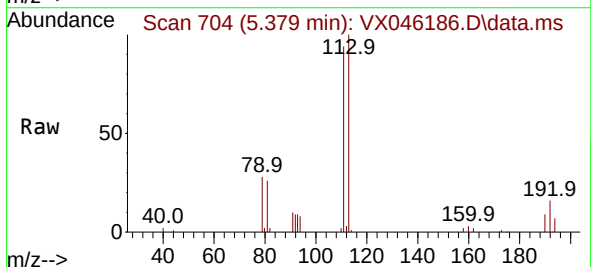
Instrument :
MSVOA_X
ClientSampleId :
FB-05132025

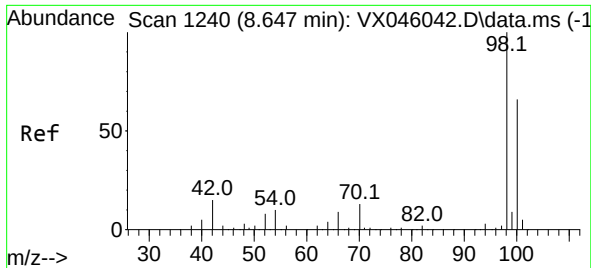
Tgt Ion:114 Resp: 131639
Ion Ratio Lower Upper
114 100
63 24.5 0.0 49.2
88 17.6 0.0 33.6



#35
Dibromofluoromethane
Concen: 51.811 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046186.D
Acq: 14 May 2025 12:00

Tgt Ion:113 Resp: 49114
Ion Ratio Lower Upper
113 100
111 101.2 83.1 124.7
192 16.7 13.3 19.9

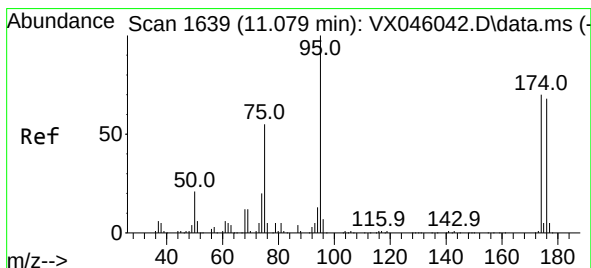
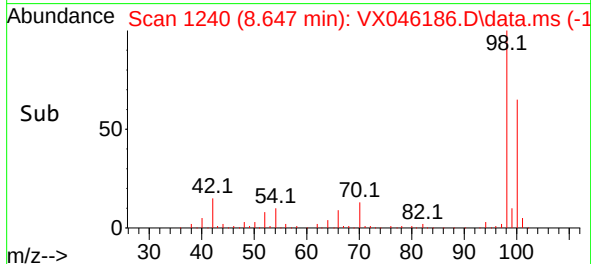
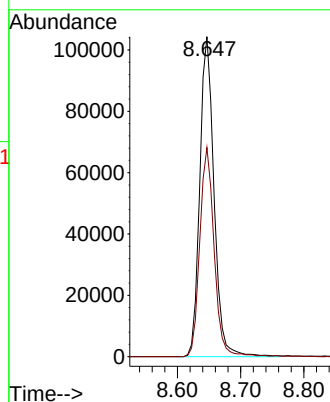
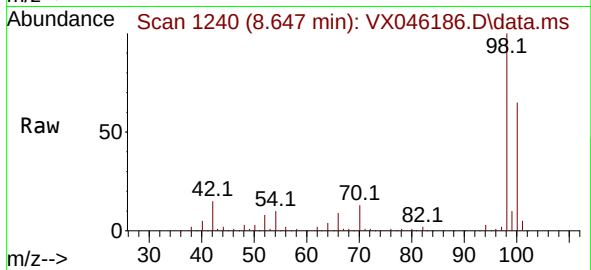




#50
Toluene-d8
Concen: 50.052 ug/l
RT: 8.647 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VX046186.D
Acq: 14 May 2025 12:00

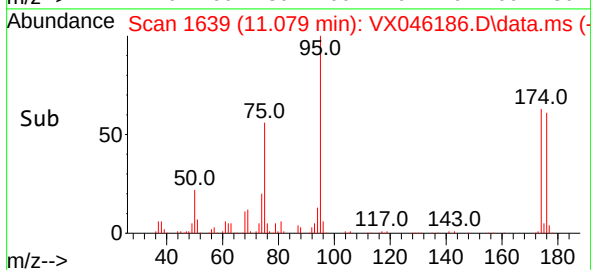
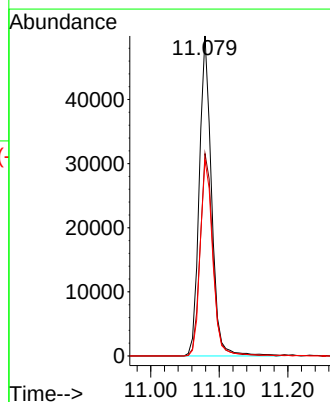
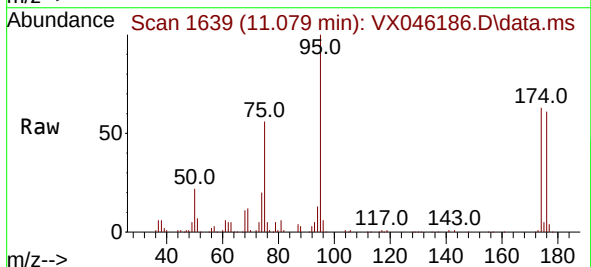
Instrument :
MSVOA_X
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FB-05132025

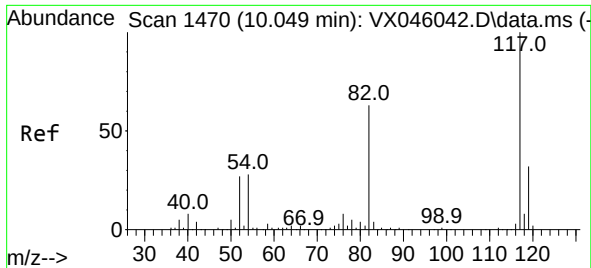
Tgt Ion: 98 Resp: 164217
Ion Ratio Lower Upper
98 100
100 65.9 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 49.410 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046186.D
Acq: 14 May 2025 12:00

Tgt Ion: 95 Resp: 62184
Ion Ratio Lower Upper
95 100
174 65.7 0.0 135.8
176 63.0 0.0 131.4

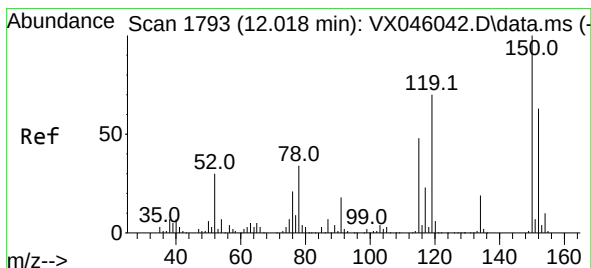
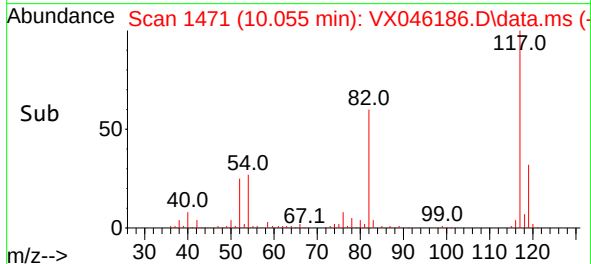
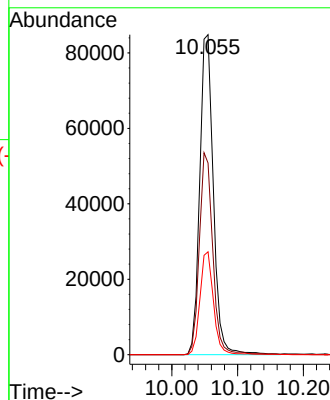
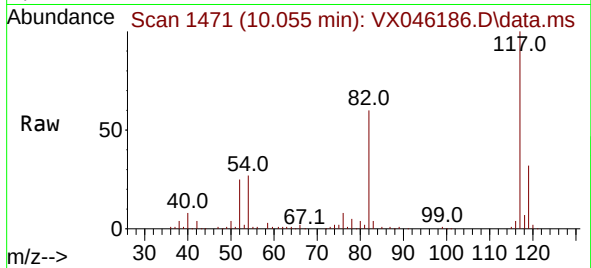




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046186.D
Acq: 14 May 2025 12:00

Instrument :
MSVOA_X
ClientSampleId :
FB-05132025

Tgt Ion:117 Resp: 122368
Ion Ratio Lower Upper
117 100
82 59.9 50.6 76.0
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046186.D
Acq: 14 May 2025 12:00

Tgt Ion:152 Resp: 49689
Ion Ratio Lower Upper
152 100
115 66.4 46.9 140.7
150 155.5 0.0 351.0

