

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051625\
 Data File : VX046251.D
 Acq On : 16 May 2025 18:26
 Operator : JC/MD
 Sample : Q2072-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Quant Time: May 16 23:10:02 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	56586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	113386	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	109564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59622	56.517	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.040%	
35) Dibromofluoromethane	5.379	113	43229	52.944	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.880%	
50) Toluene-d8	8.647	98	144602	51.168	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.340%	
62) 4-Bromofluorobenzene	11.079	95	54767	50.522	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.040%	

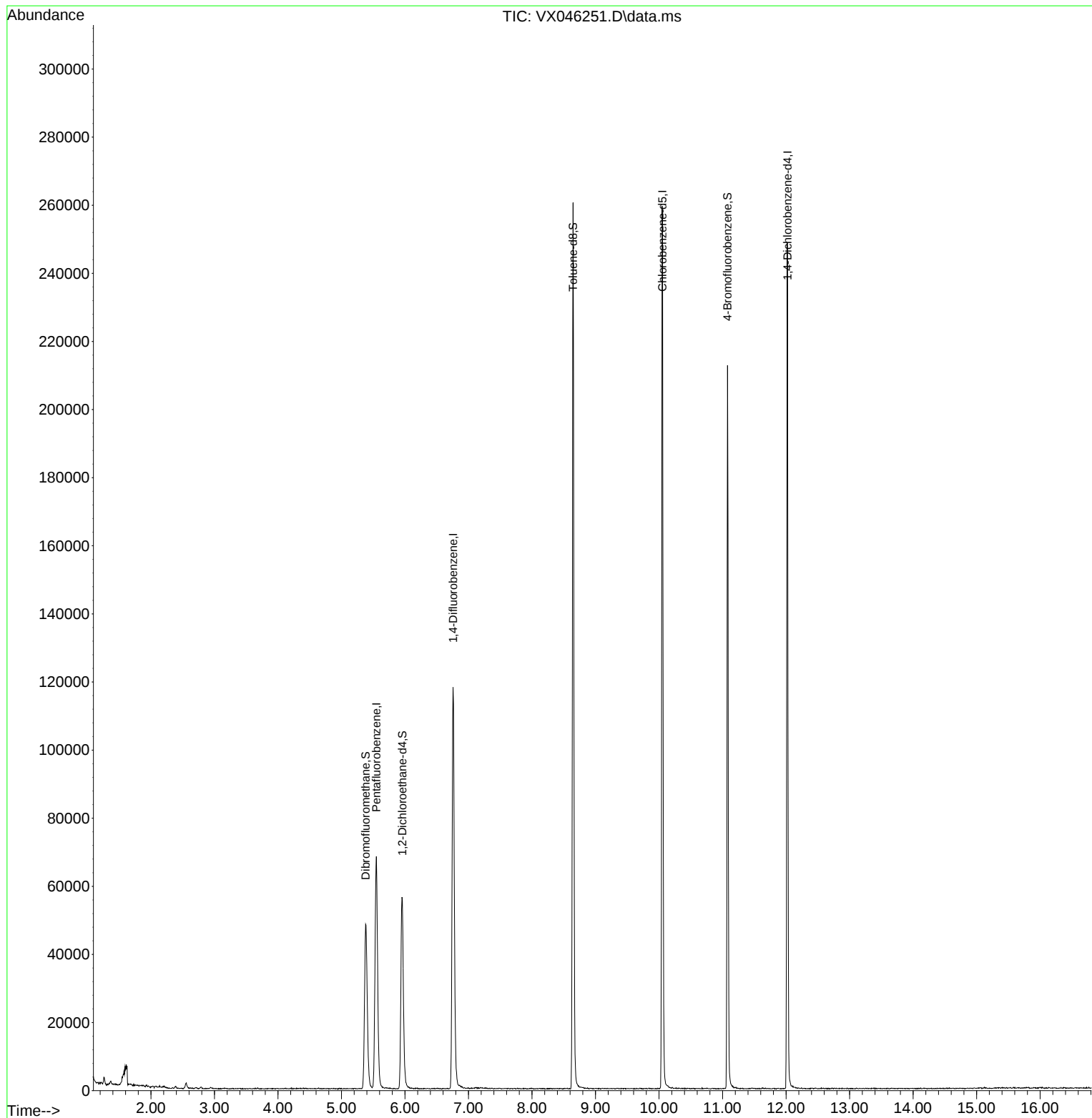
Target Compounds	Qvalue

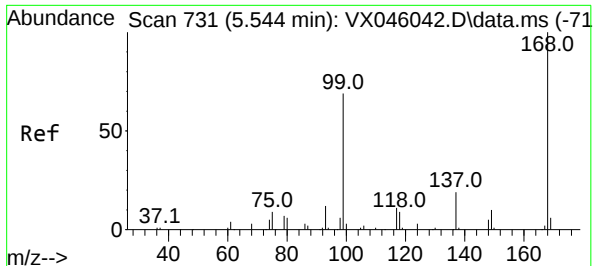
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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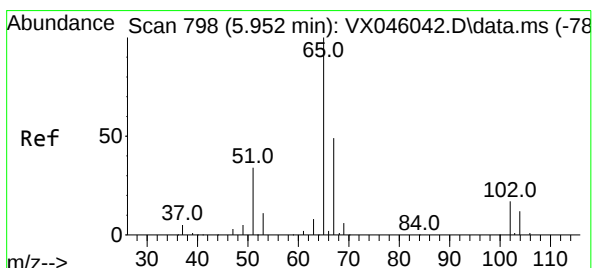
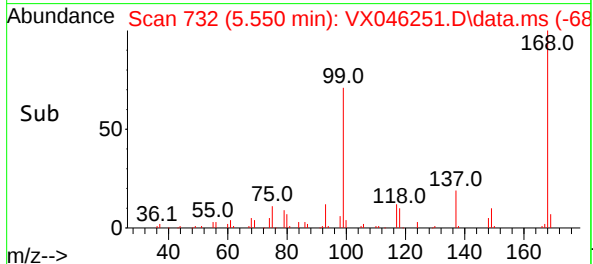
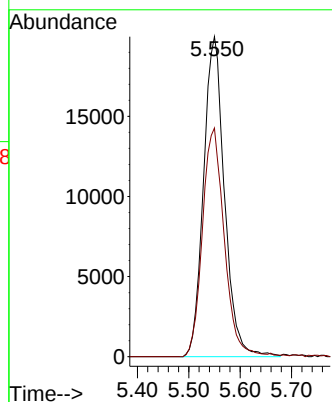
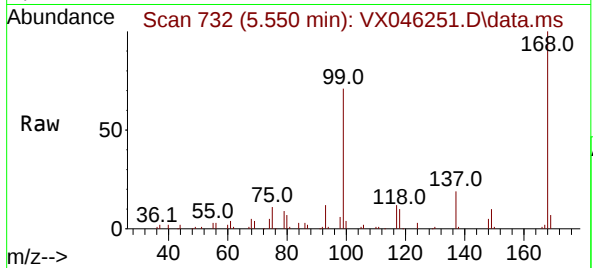




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046251.D
Acq: 16 May 2025 18:26

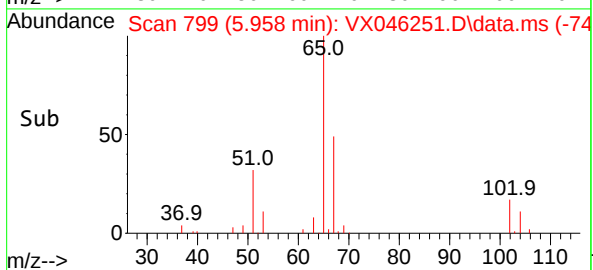
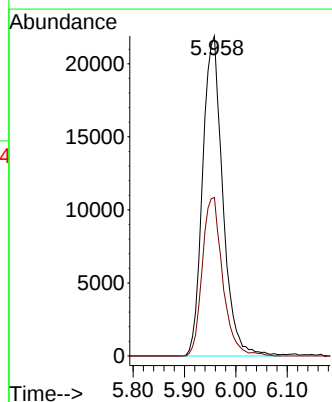
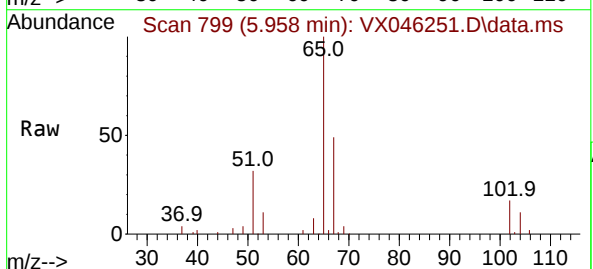
Instrument :
MSVOA_X
ClientSampleId :
MW-6

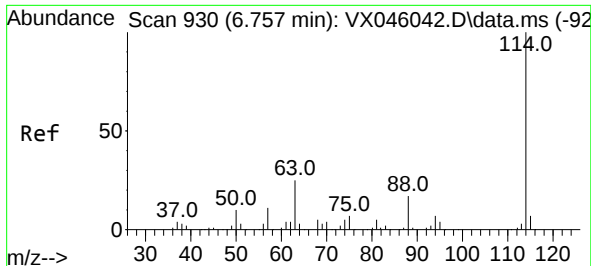
Tgt Ion:168 Resp: 56586
Ion Ratio Lower Upper
168 100
99 71.5 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 56.517 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX046251.D
Acq: 16 May 2025 18:26

Tgt Ion: 65 Resp: 59622
Ion Ratio Lower Upper
65 100
67 50.1 0.0 99.0

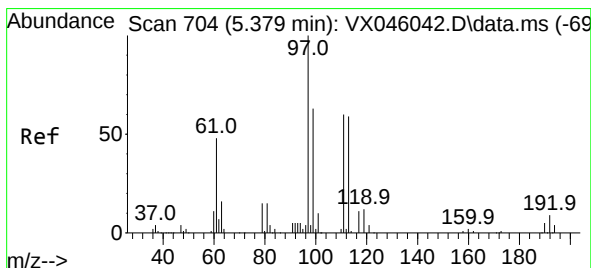
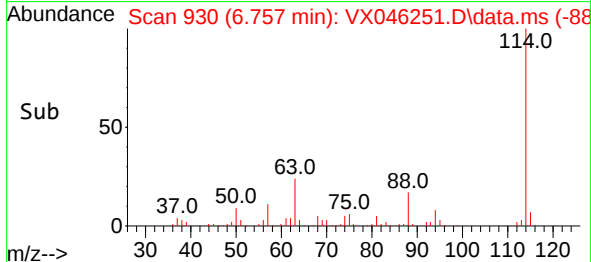
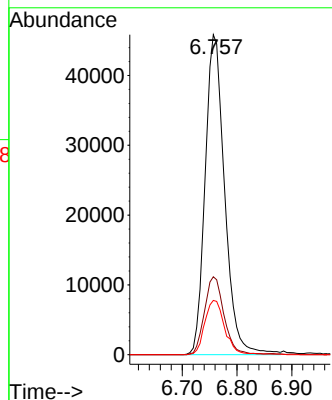
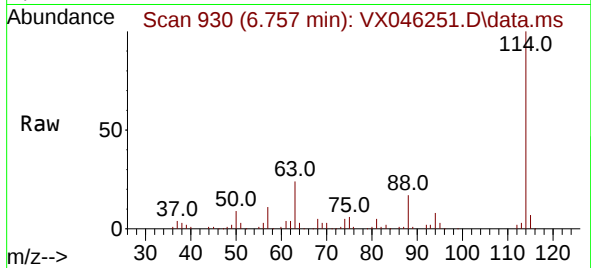




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046251.D
Acq: 16 May 2025 18:26

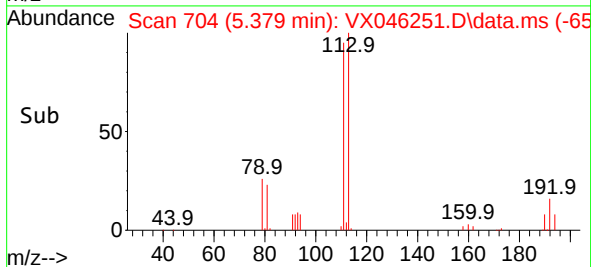
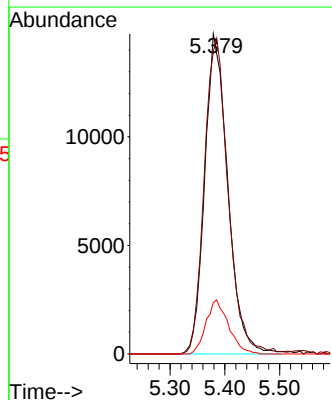
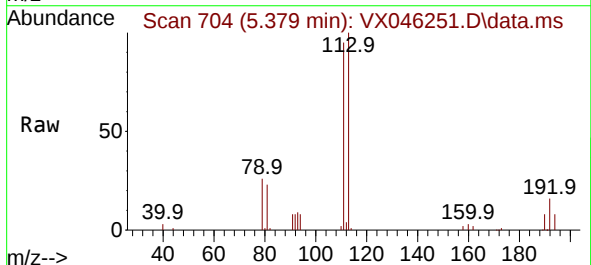
Instrument :
MSVOA_X
ClientSampleId :
MW-6

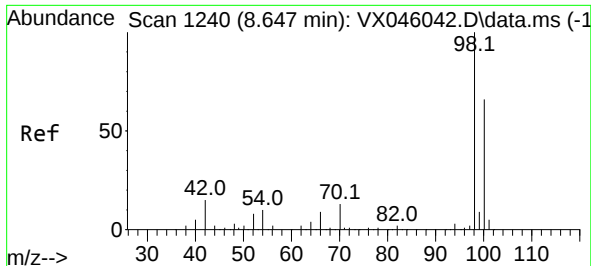
Tgt Ion:114 Resp: 113386
Ion Ratio Lower Upper
114 100
63 24.3 0.0 49.2
88 17.0 0.0 33.6



#35
Dibromofluoromethane
Concen: 52.944 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046251.D
Acq: 16 May 2025 18:26

Tgt Ion:113 Resp: 43229
Ion Ratio Lower Upper
113 100
111 101.9 83.1 124.7
192 16.4 13.3 19.9

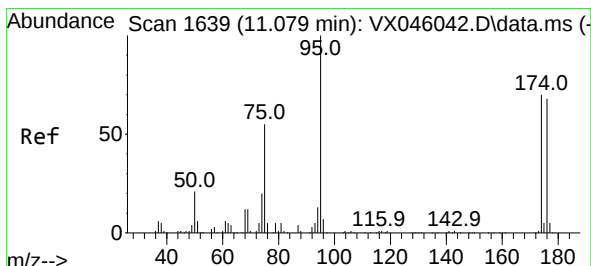
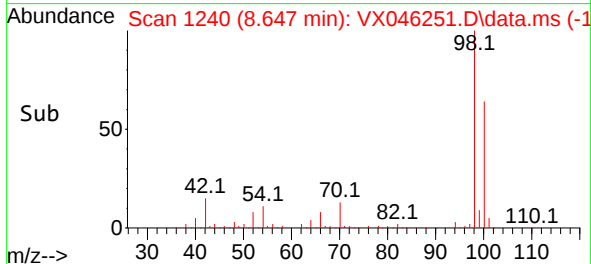
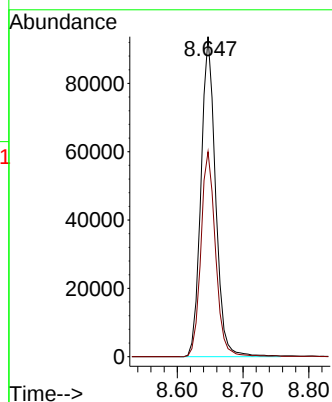
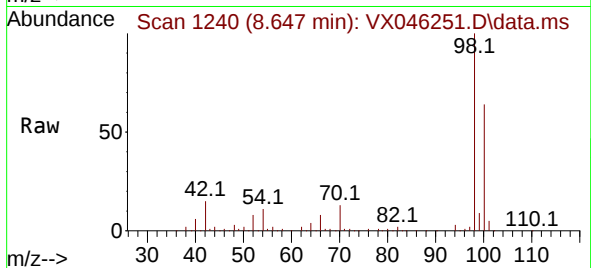




#50
Toluene-d8
Concen: 51.168 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046251.D
Acq: 16 May 2025 18:26

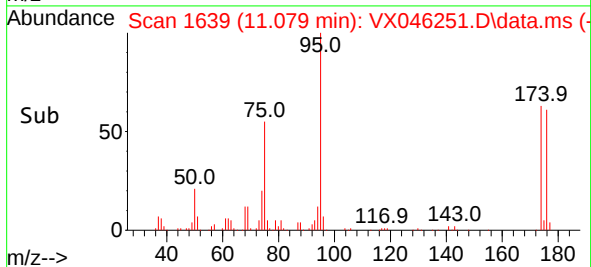
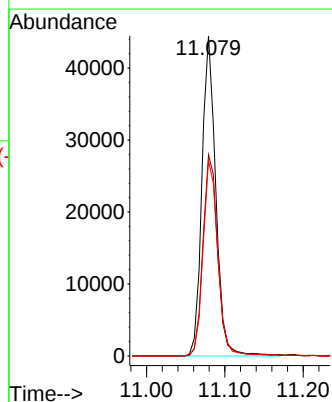
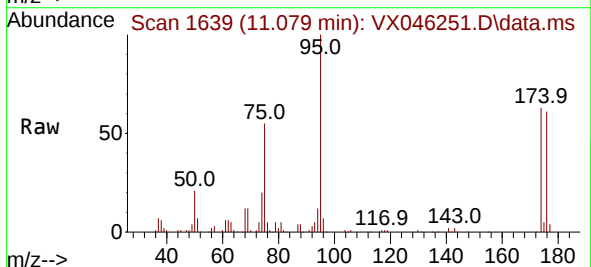
Instrument :
MSVOA_X
ClientSampleId :
MW-6

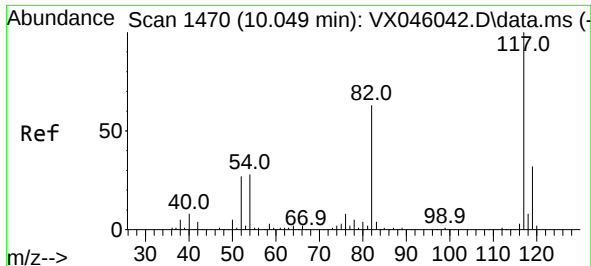
Tgt Ion: 98 Resp: 144602
Ion Ratio Lower Upper
98 100
100 64.3 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 50.522 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046251.D
Acq: 16 May 2025 18:26

Tgt Ion: 95 Resp: 54767
Ion Ratio Lower Upper
95 100
174 67.2 0.0 135.8
176 64.8 0.0 131.4

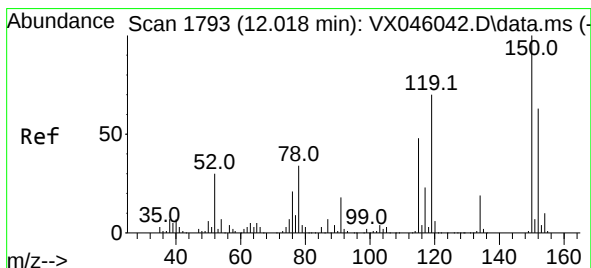
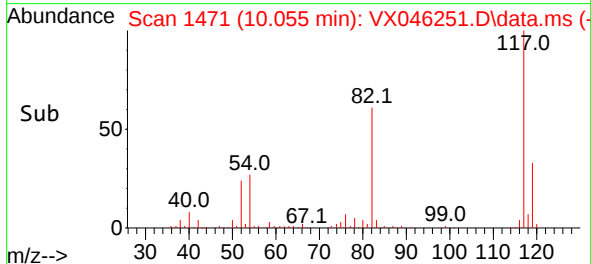
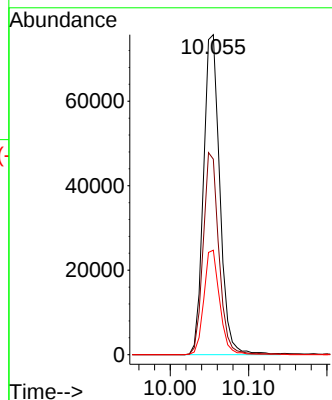
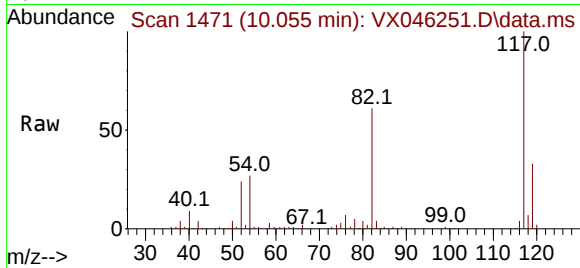




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046251.D
Acq: 16 May 2025 18:26

Instrument :
MSVOA_X
ClientSampleId :
MW-6

Tgt Ion:117 Resp: 109564
Ion Ratio Lower Upper
117 100
82 61.1 50.6 76.0
119 32.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX046251.D
Acq: 16 May 2025 18:26

Tgt Ion:152 Resp: 45951
Ion Ratio Lower Upper
152 100
115 66.7 46.9 140.7
150 155.1 0.0 351.0

