

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
 Data File : VX046161.D
 Acq On : 13 May 2025 13:15
 Operator : JC/MD
 Sample : Q2013-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT192D1-GW-20250509

Quant Time: May 14 01:38:36 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	62654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124070	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63191	54.099	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.200%	
35) Dibromofluoromethane	5.385	113	47066	52.680	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.360%	
50) Toluene-d8	8.647	98	156741	50.688	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.380%	
62) 4-Bromofluorobenzene	11.079	95	60598	51.087	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.180%	

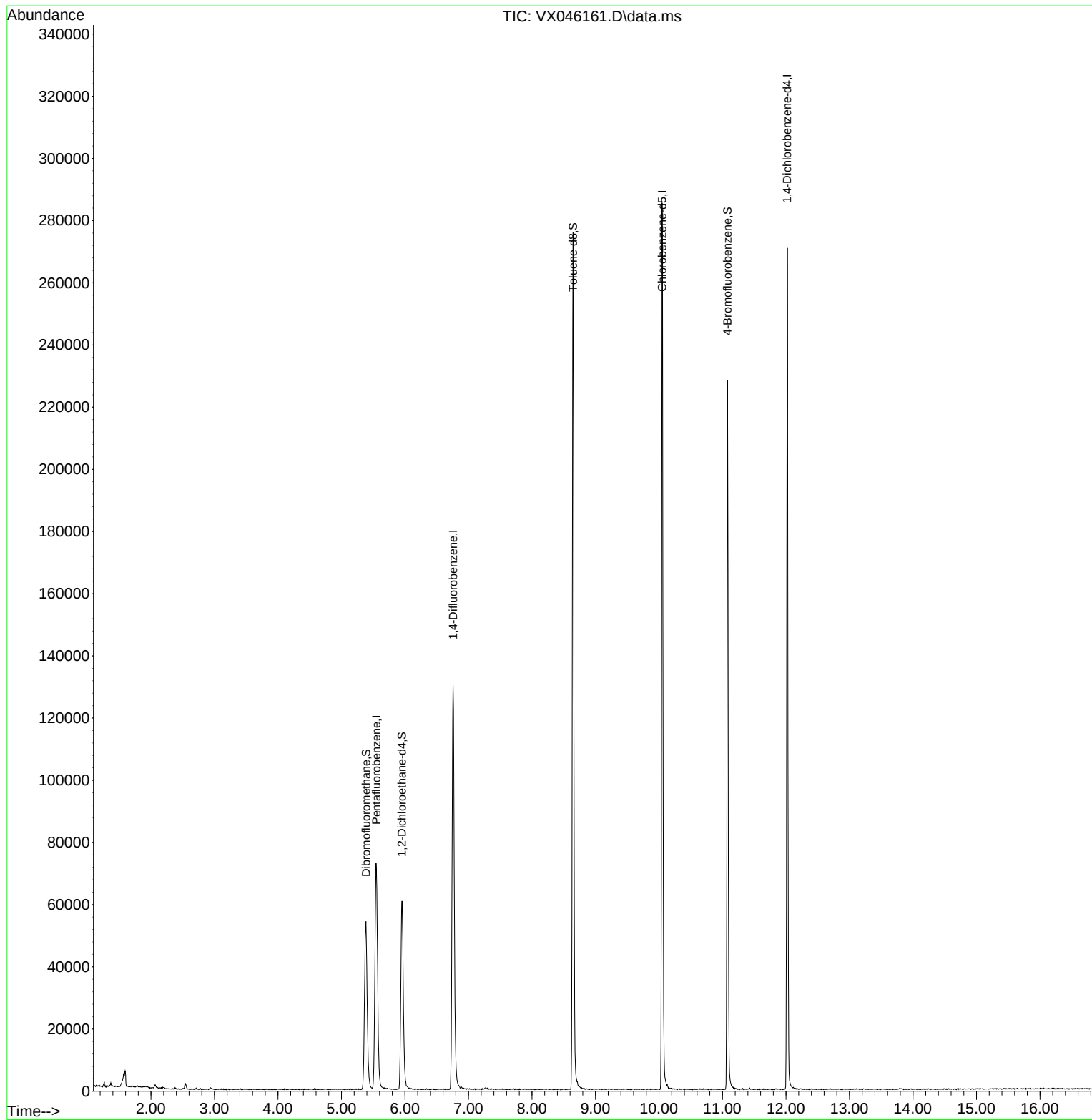
Target Compounds	Qvalue

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

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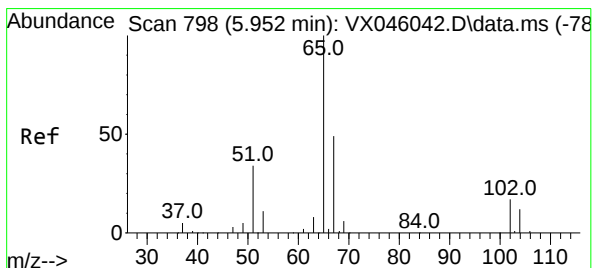
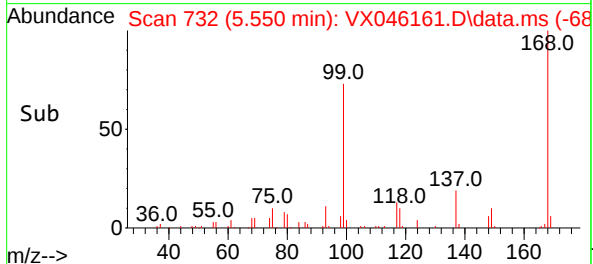
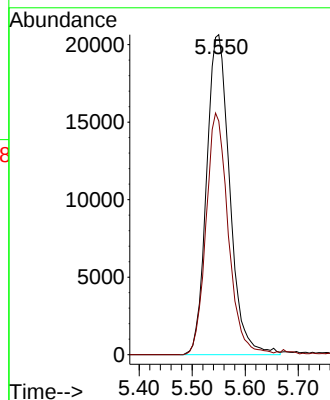
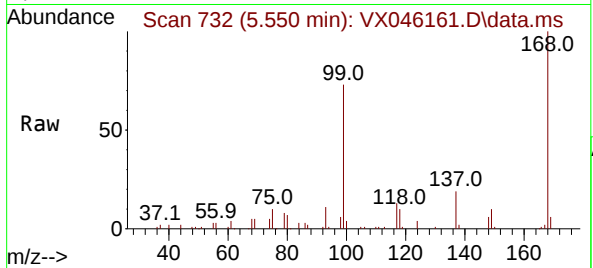




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046161.D
Acq: 13 May 2025 13:15

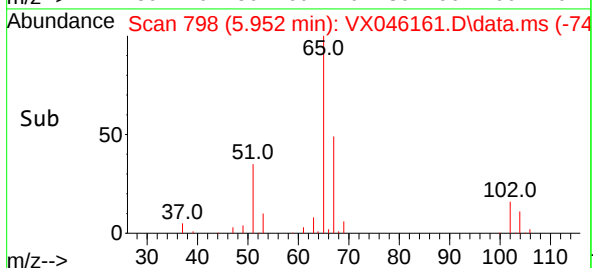
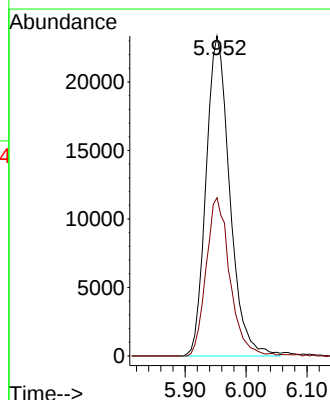
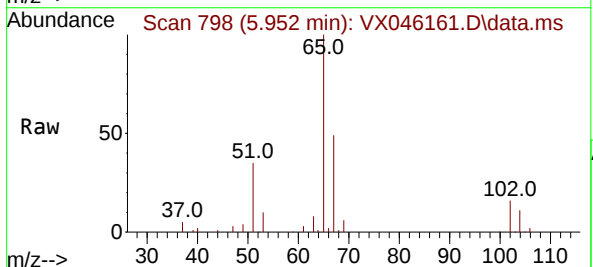
Instrument :
MSVOA_X
ClientSampleId :
BP-TT192D1-GW-20250509

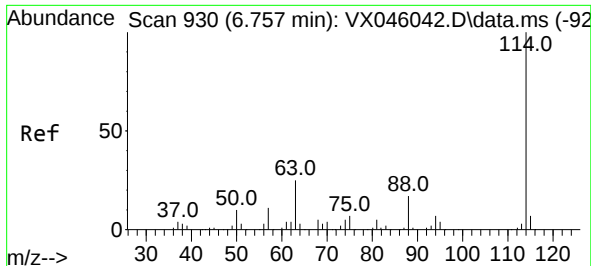
Tgt Ion:168 Resp: 62654
Ion Ratio Lower Upper
168 100
99 73.0 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 54.099 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX046161.D
Acq: 13 May 2025 13:15

Tgt Ion: 65 Resp: 63191
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.0

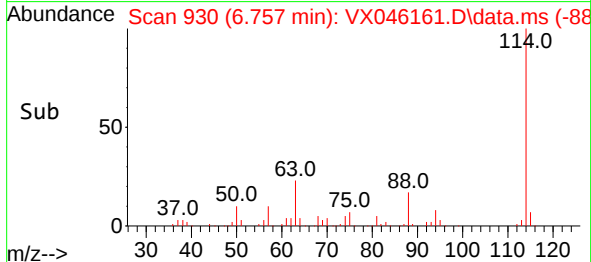
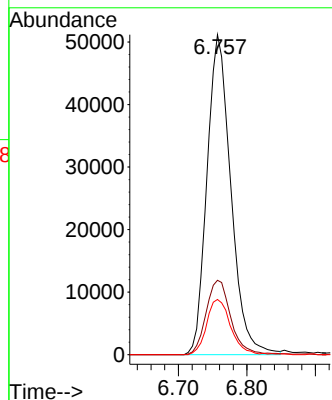
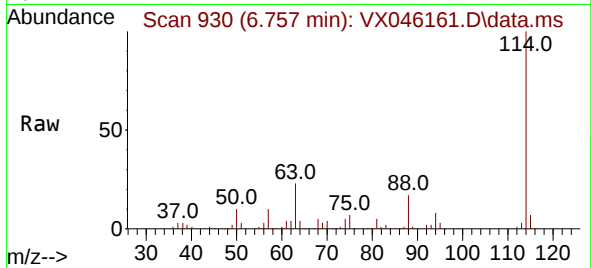




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX046161.D
 Acq: 13 May 2025 13:15

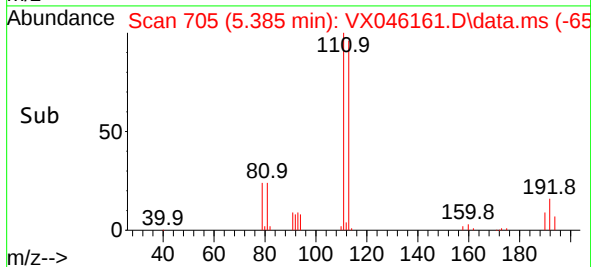
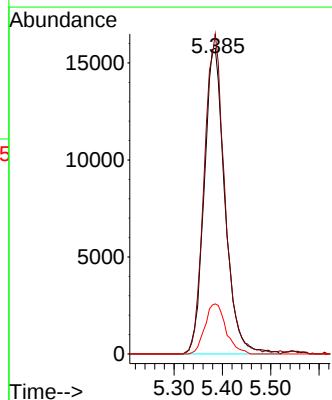
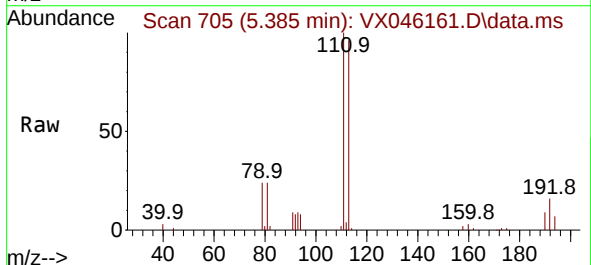
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT192D1-GW-20250509

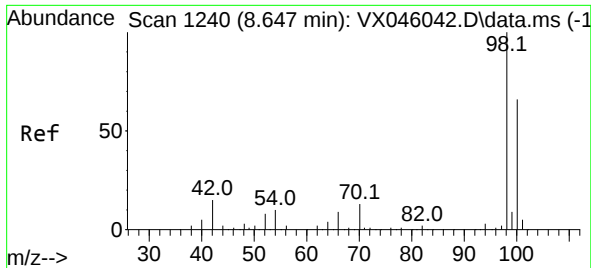
Tgt Ion:114 Resp: 124070
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 49.2
 88 17.3 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 52.680 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX046161.D
 Acq: 13 May 2025 13:15

Tgt Ion:113 Resp: 47066
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.1 124.7
 192 16.5 13.3 19.9

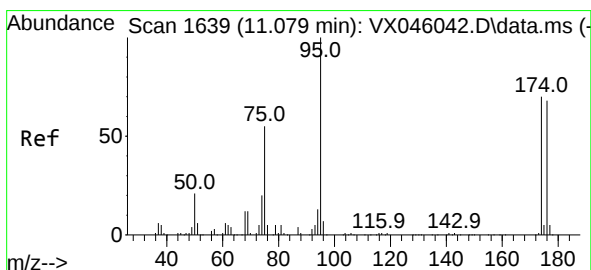
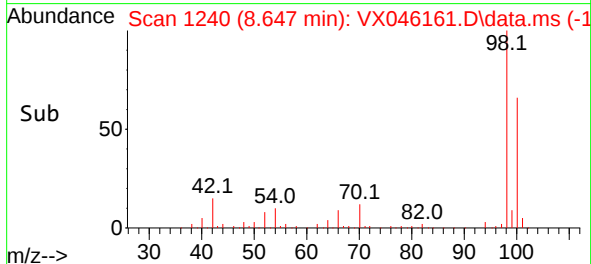
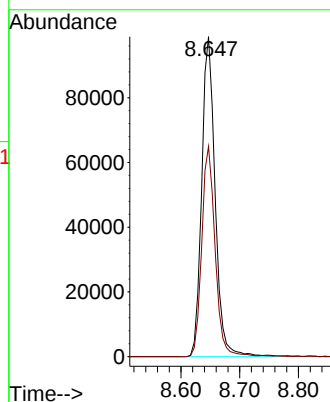
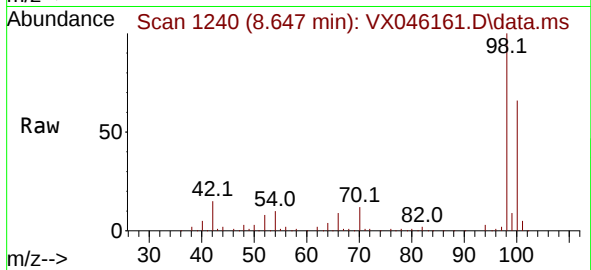




#50
Toluene-d8
Concen: 50.688 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046161.D
Acq: 13 May 2025 13:15

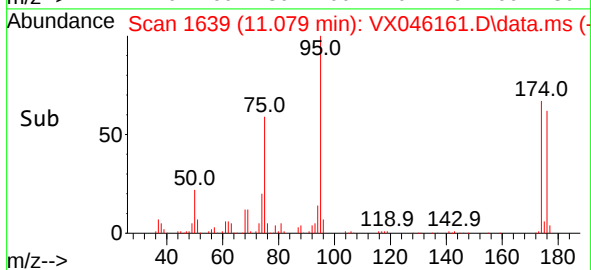
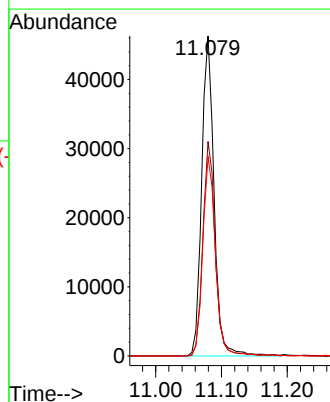
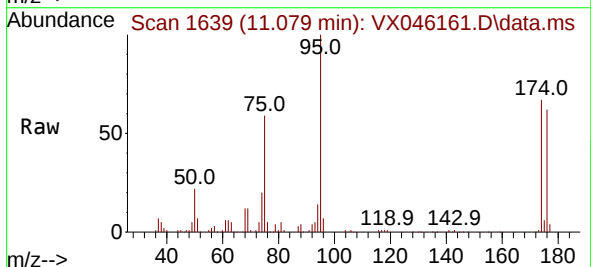
Instrument :
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ClientSampleId :
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Tgt Ion: 98 Resp: 156741
Ion Ratio Lower Upper
98 100
100 65.3 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 51.087 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046161.D
Acq: 13 May 2025 13:15

Tgt Ion: 95 Resp: 60598
Ion Ratio Lower Upper
95 100
174 67.0 0.0 135.8
176 63.7 0.0 131.4

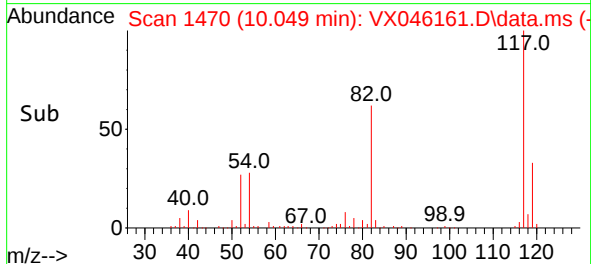
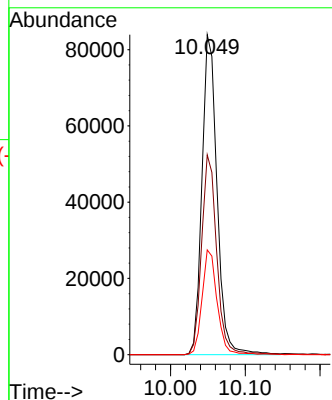
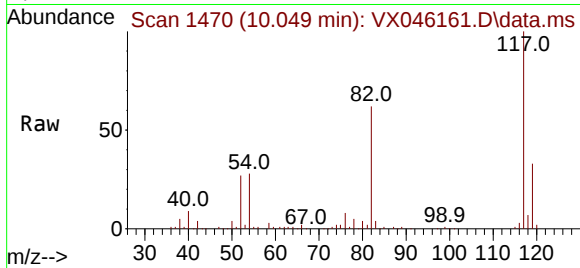




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046161.D
Acq: 13 May 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
BP-TT192D1-GW-20250509

Tgt Ion:117 Resp: 117714
Ion Ratio Lower Upper
117 100
82 62.5 50.6 76.0
119 32.7 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: VX046161.D
Acq: 13 May 2025 13:15

Tgt Ion:152 Resp: 49112
Ion Ratio Lower Upper
152 100
115 66.5 46.9 140.7
150 163.0 0.0 351.0

