

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
 Data File : VX046423.D
 Acq On : 30 May 2025 15:49
 Operator : JC/MD
 Sample : Q2162-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-620-622

Quant Time: May 30 23:30:10 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)

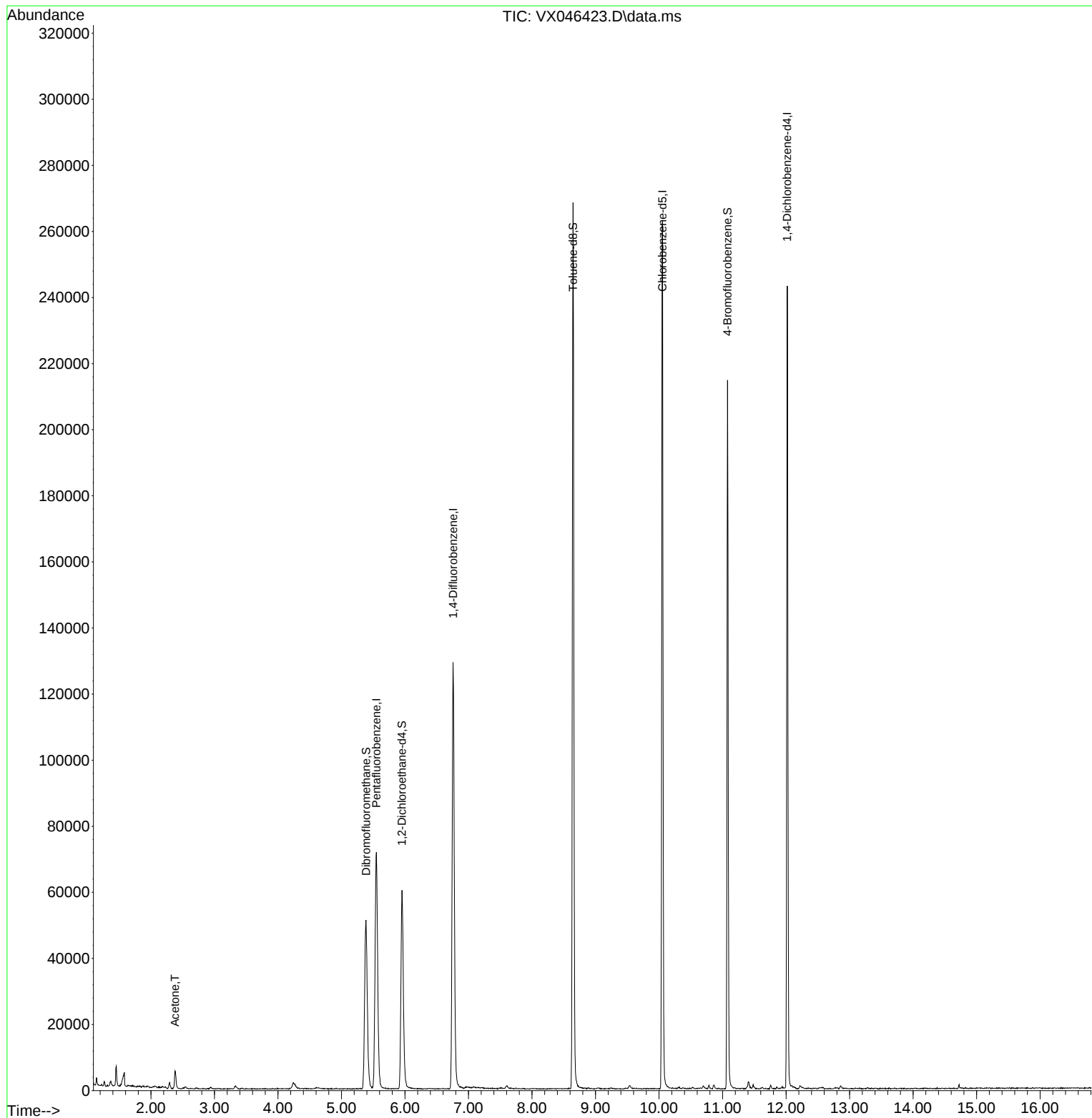
Internal Standards						
1) Pentafluorobenzene	5.550	168	60158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	121355	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	111155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	45099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60632	54.061	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.120%
35) Dibromofluoromethane	5.385	113	44162	50.535	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.080%
50) Toluene-d8	8.647	98	150641	49.805	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.600%
62) 4-Bromofluorobenzene	11.079	95	56303	48.529	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.060%
Target Compounds						
16) Acetone	2.380	43	5821	12.945	ug/l	Qvalue # 86

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

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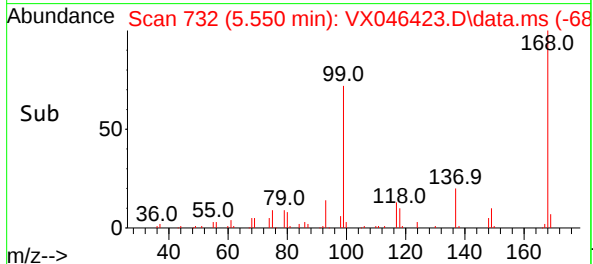
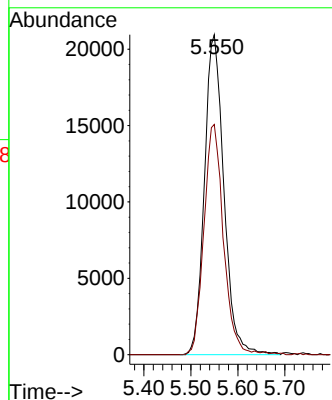
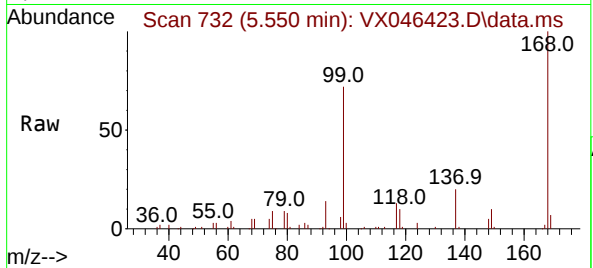




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046423.D
Acq: 30 May 2025 15:49

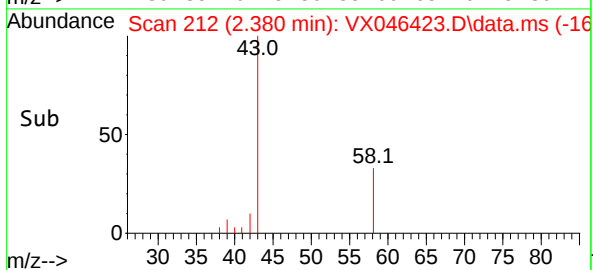
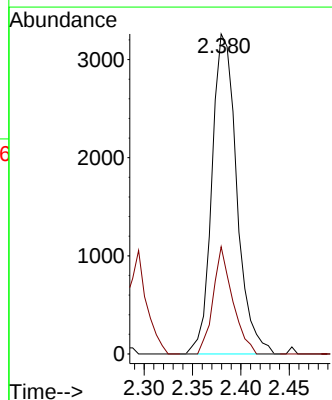
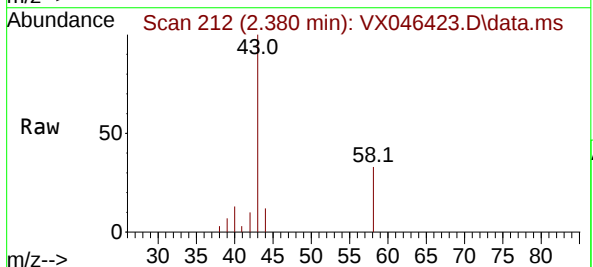
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-620-622

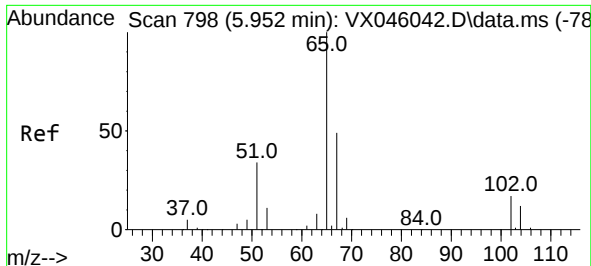
Tgt Ion:168 Resp: 60158
Ion Ratio Lower Upper
168 100
99 72.0 54.9 82.3



#16
Acetone
Concen: 12.945 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046423.D
Acq: 30 May 2025 15:49

Tgt Ion: 43 Resp: 5821
Ion Ratio Lower Upper
43 100
58 33.5 21.2 31.8#

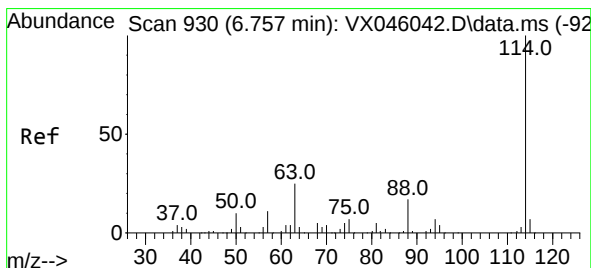
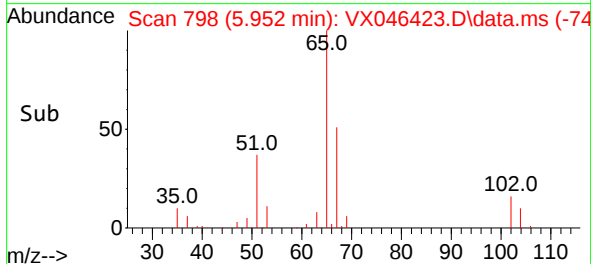
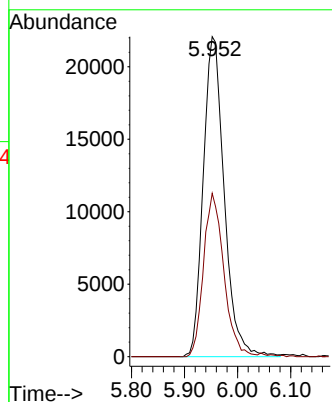
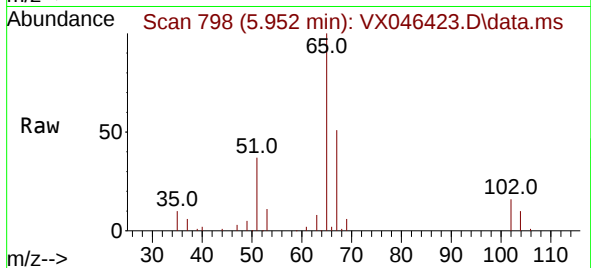




#33
 1,2-Dichloroethane-d4
 Concen: 54.061 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX046423.D
 Acq: 30 May 2025 15:49

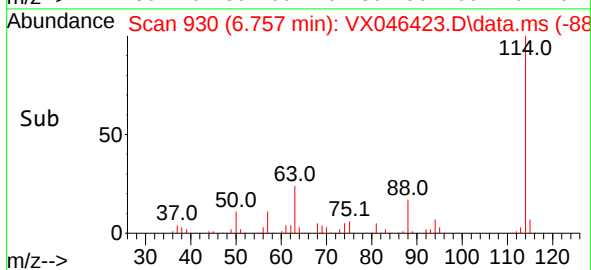
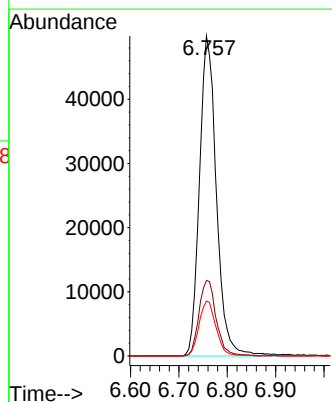
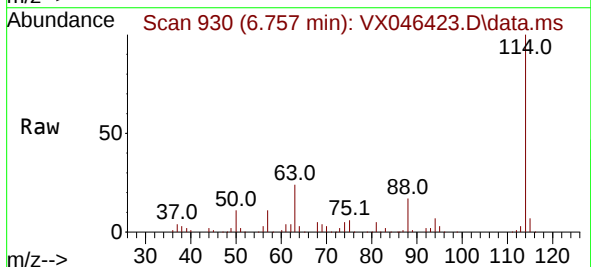
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-620-622

Tgt Ion: 65 Resp: 60632
 Ion Ratio Lower Upper
 65 100
 67 49.4 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: VX046423.D
 Acq: 30 May 2025 15:49

Tgt Ion: 114 Resp: 121355
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 49.2
 88 17.2 0.0 33.6

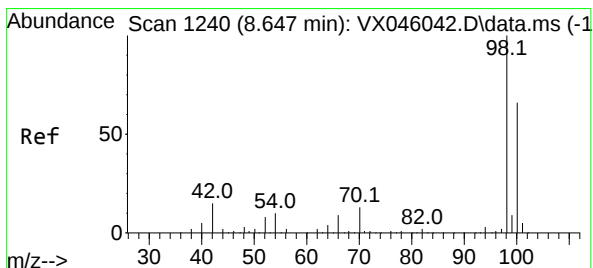
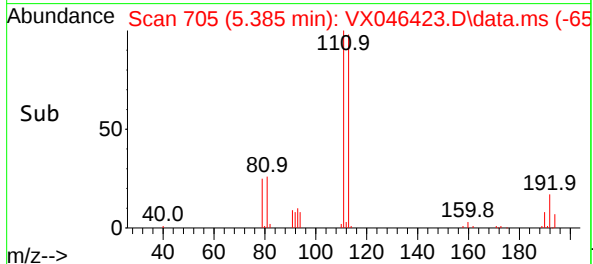
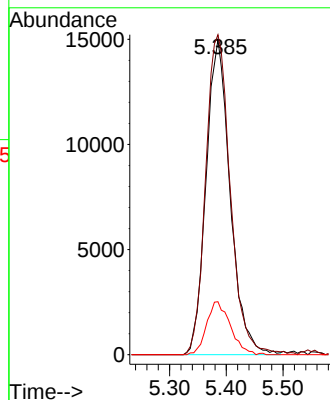
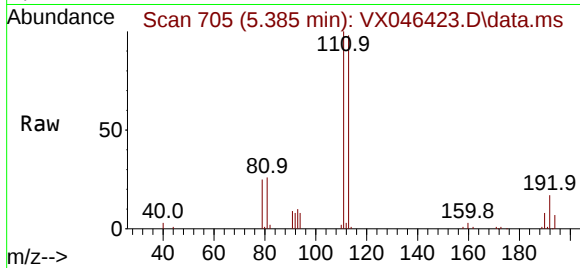




#35
Dibromofluoromethane
Concen: 50.535 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046423.D
Acq: 30 May 2025 15:49

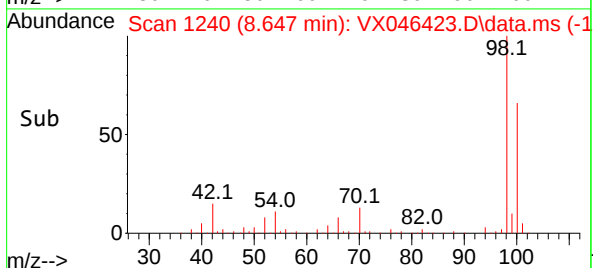
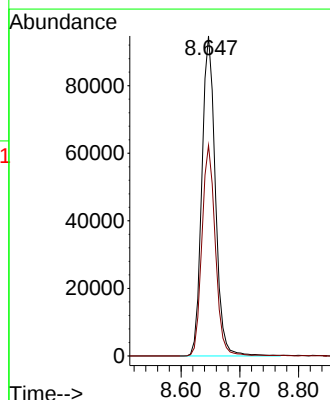
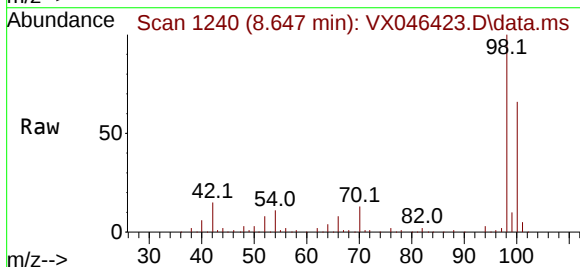
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-620-622

Tgt Ion:113 Resp: 44162
Ion Ratio Lower Upper
113 100
111 104.2 83.1 124.7
192 16.7 13.3 19.9



#50
Toluene-d8
Concen: 49.805 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046423.D
Acq: 30 May 2025 15:49

Tgt Ion: 98 Resp: 150641
Ion Ratio Lower Upper
98 100
100 65.5 53.5 80.3

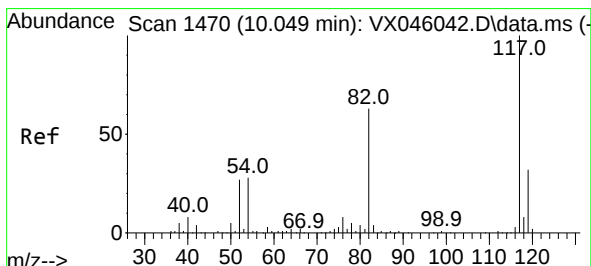
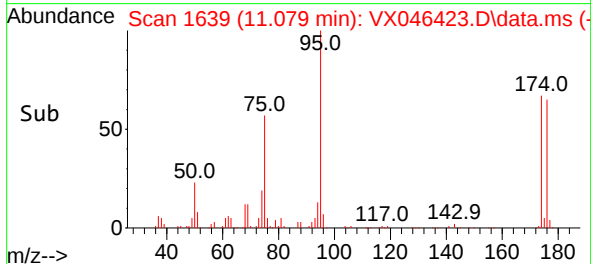
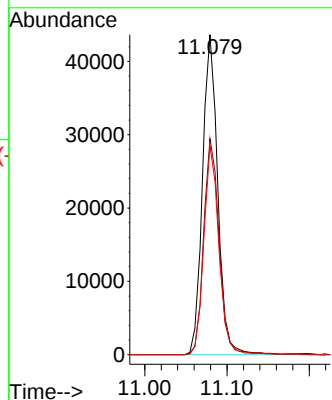
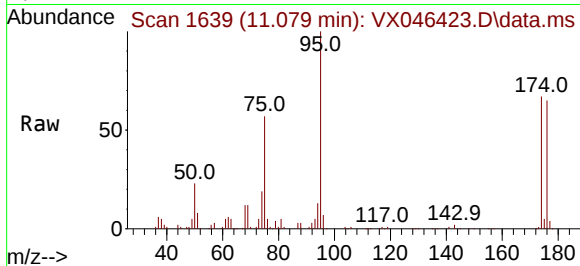




#62
4-Bromofluorobenzene
Concen: 48.529 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046423.D
Acq: 30 May 2025 15:49

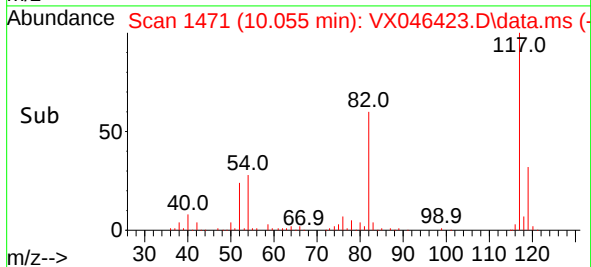
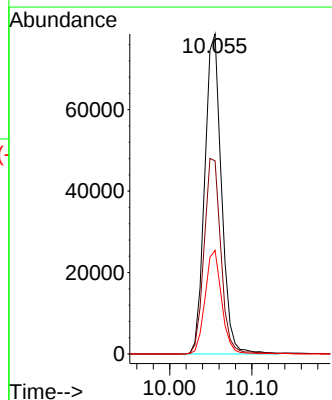
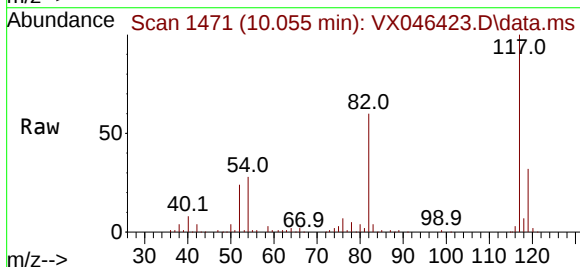
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-620-622

Tgt Ion: 95 Resp: 56303
Ion Ratio Lower Upper
95 100
174 68.2 0.0 135.8
176 64.7 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: VX046423.D
Acq: 30 May 2025 15:49

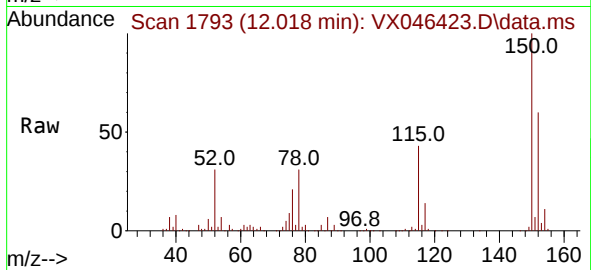
Tgt Ion: 117 Resp: 111155
Ion Ratio Lower Upper
117 100
82 60.4 50.6 76.0
119 32.4 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046423.D
 Acq: 30 May 2025 15:49

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-620-622



Tgt Ion:152 Resp: 45099
 Ion Ratio Lower Upper
 152 100
 115 66.3 46.9 140.7
 150 158.1 0.0 351.0

