

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051625\
 Data File : VX046247.D
 Acq On : 16 May 2025 16:52
 Operator : JC/MD
 Sample : Q2072-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: May 16 23:08:24 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	59269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	119588	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49075	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61845	55.970	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.940%
35) Dibromofluoromethane	5.379	113	44176	51.298	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.600%
50) Toluene-d8	8.647	98	151151	50.712	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.420%
62) 4-Bromofluorobenzene	11.079	95	58687	51.331	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.660%

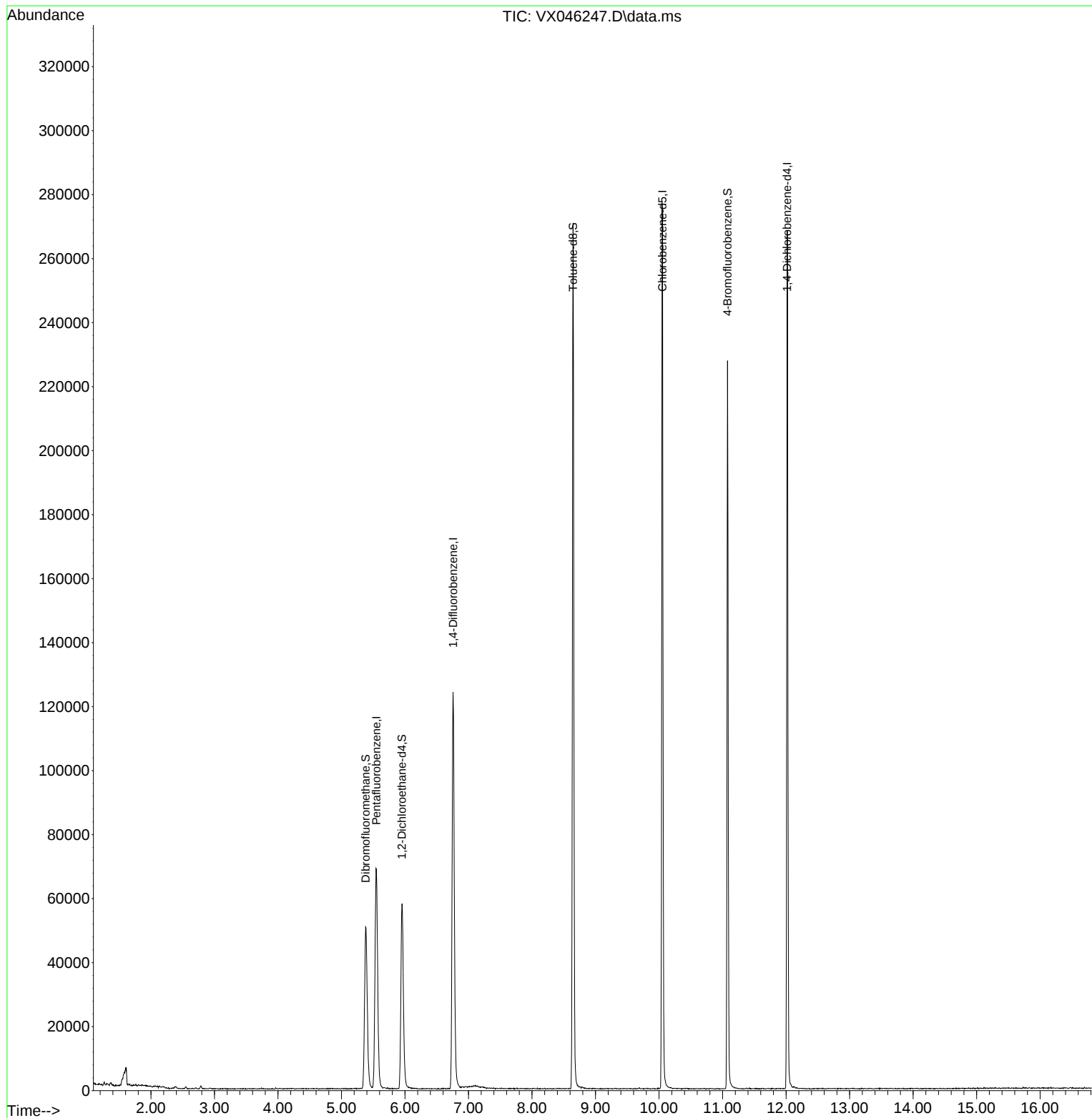
Target Compounds	Qvalue

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

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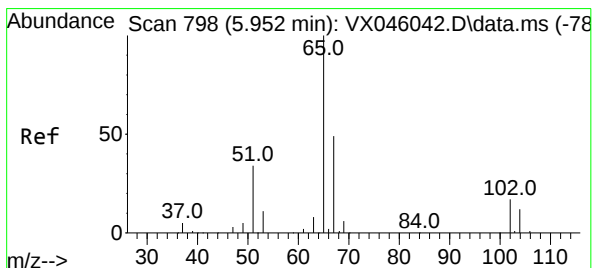
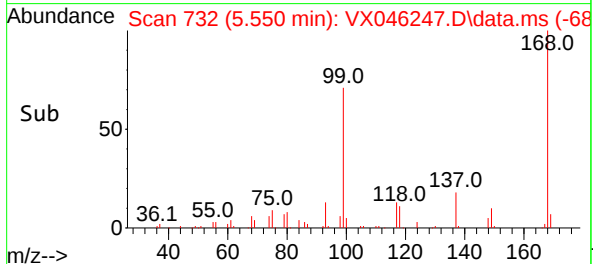
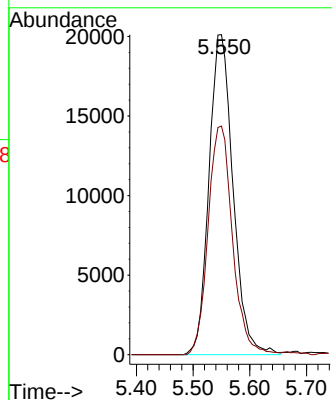
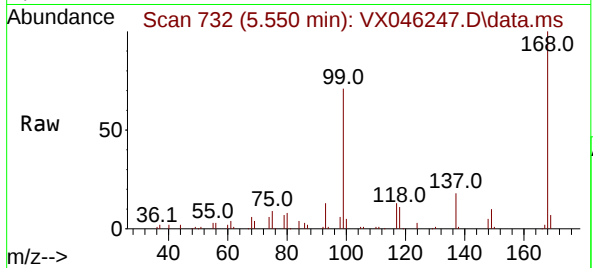




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046247.D
Acq: 16 May 2025 16:52

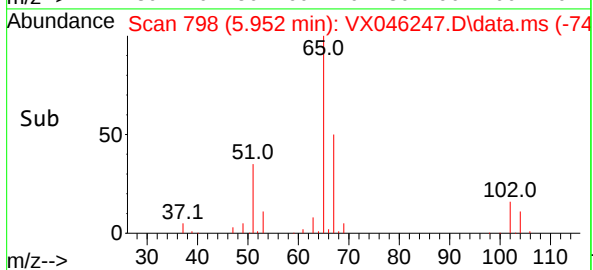
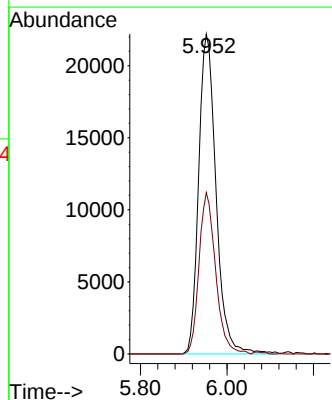
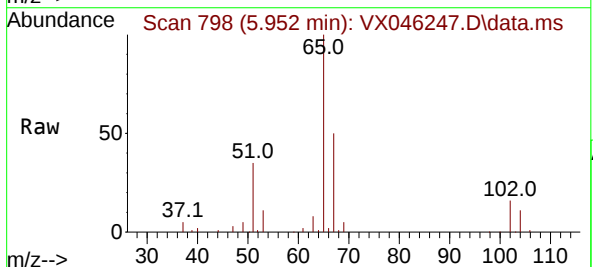
Instrument :
MSVOA_X
ClientSampleId :
TB

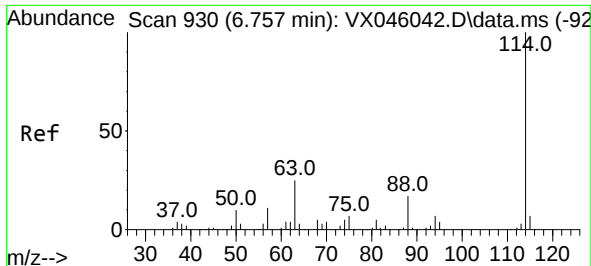
Tgt Ion:168 Resp: 59269
Ion Ratio Lower Upper
168 100
99 71.4 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 55.970 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046247.D
Acq: 16 May 2025 16:52

Tgt Ion: 65 Resp: 61845
Ion Ratio Lower Upper
65 100
67 48.2 0.0 99.0

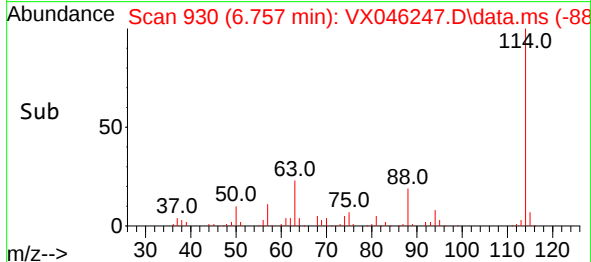
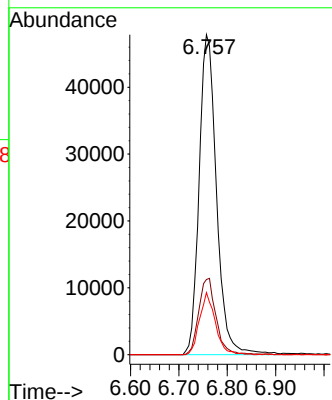
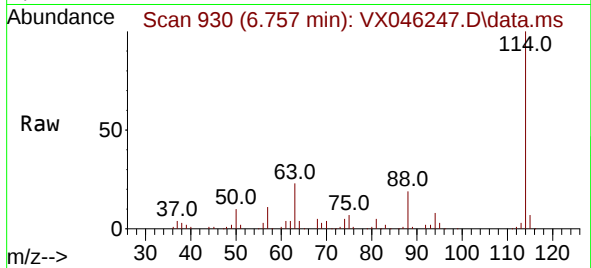




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046247.D
Acq: 16 May 2025 16:52

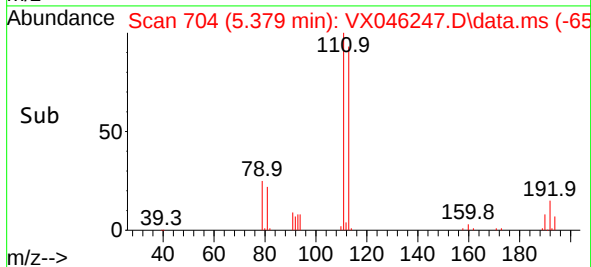
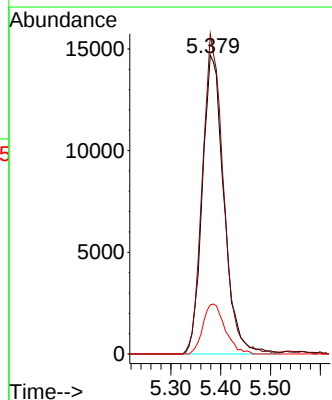
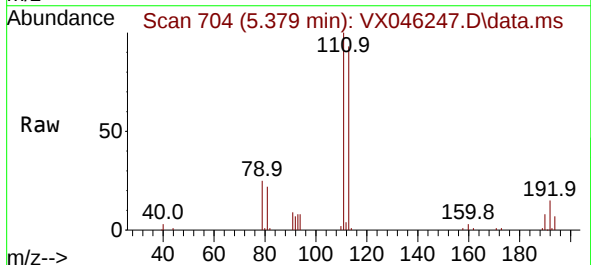
Instrument :
MSVOA_X
ClientSampleId :
TB

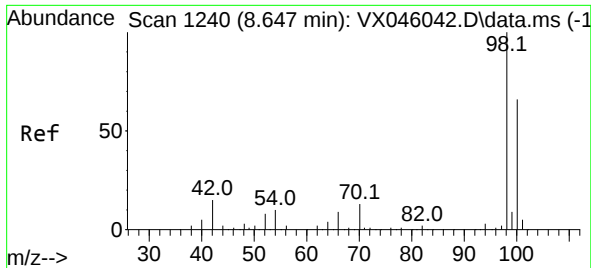
Tgt Ion:114 Resp: 119588
Ion Ratio Lower Upper
114 100
63 23.5 0.0 49.2
88 19.4 0.0 33.6



#35
Dibromofluoromethane
Concen: 51.298 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046247.D
Acq: 16 May 2025 16:52

Tgt Ion:113 Resp: 44176
Ion Ratio Lower Upper
113 100
111 104.1 83.1 124.7
192 17.1 13.3 19.9

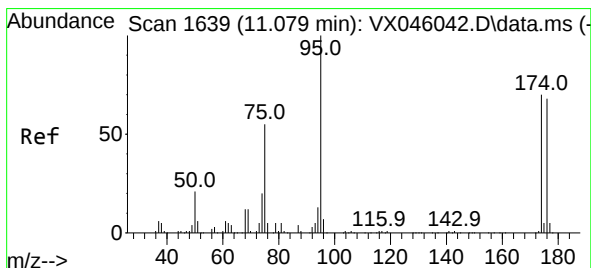
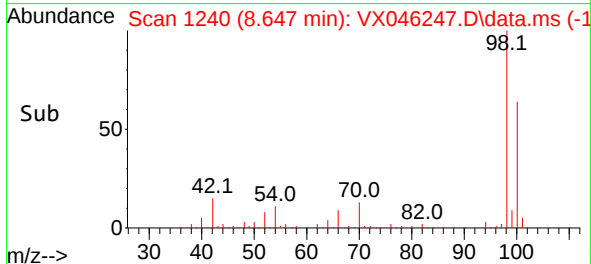
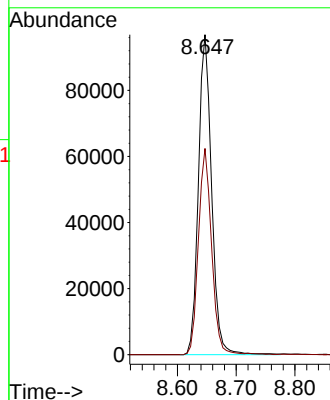
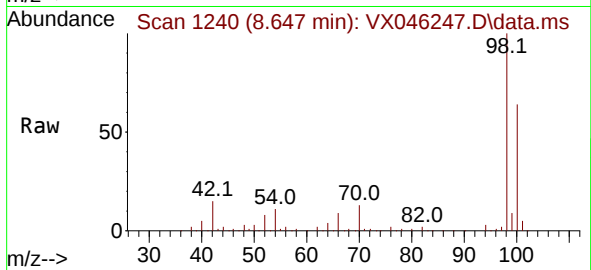




#50
Toluene-d8
Concen: 50.712 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046247.D
Acq: 16 May 2025 16:52

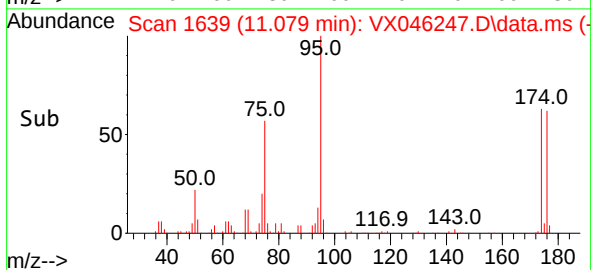
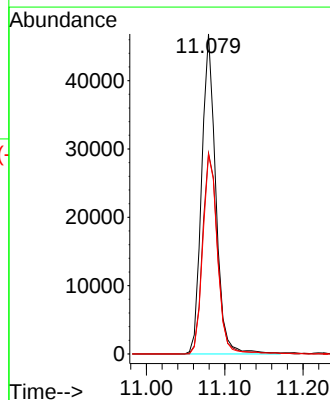
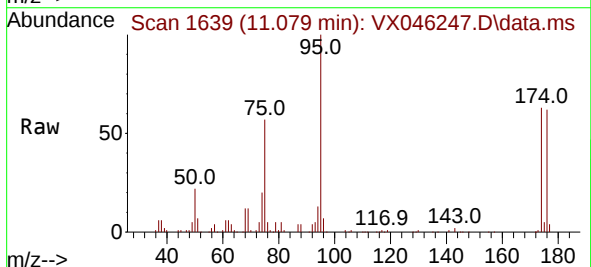
Instrument :
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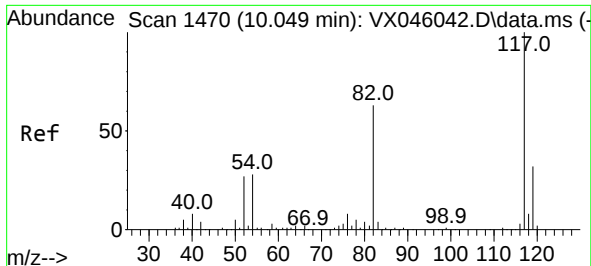
Tgt Ion: 98 Resp: 151151
Ion Ratio Lower Upper
98 100
100 64.1 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 51.331 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046247.D
Acq: 16 May 2025 16:52

Tgt Ion: 95 Resp: 58687
Ion Ratio Lower Upper
95 100
174 66.9 0.0 135.8
176 64.6 0.0 131.4

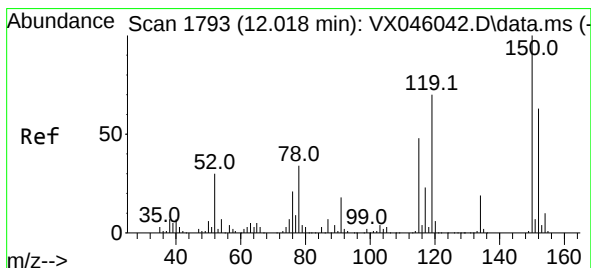
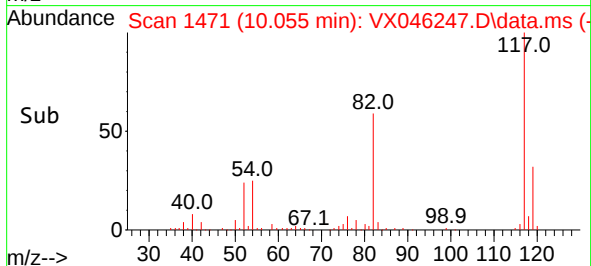
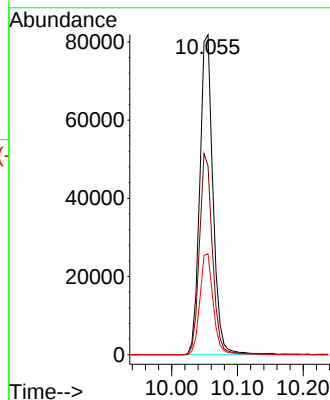
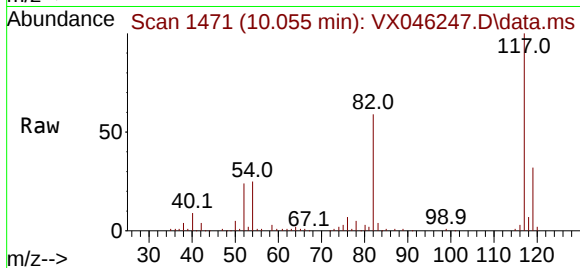




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046247.D
Acq: 16 May 2025 16:52

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion:117 Resp: 114347
Ion Ratio Lower Upper
117 100
82 58.9 50.6 76.0
119 31.6 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: VX046247.D
Acq: 16 May 2025 16:52

Tgt Ion:152 Resp: 49075
Ion Ratio Lower Upper
152 100
115 65.8 46.9 140.7
150 159.1 0.0 351.0

