

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
 Data File : VX046058.D
 Acq On : 06 May 2025 13:02
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 07 01:46:07 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	64271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128754	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53914	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62604	52.248	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.500%
35) Dibromofluoromethane	5.379	113	46005	49.619	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.240%
50) Toluene-d8	8.647	98	161003	50.172	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.340%
62) 4-Bromofluorobenzene	11.079	95	63240	51.375	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.760%

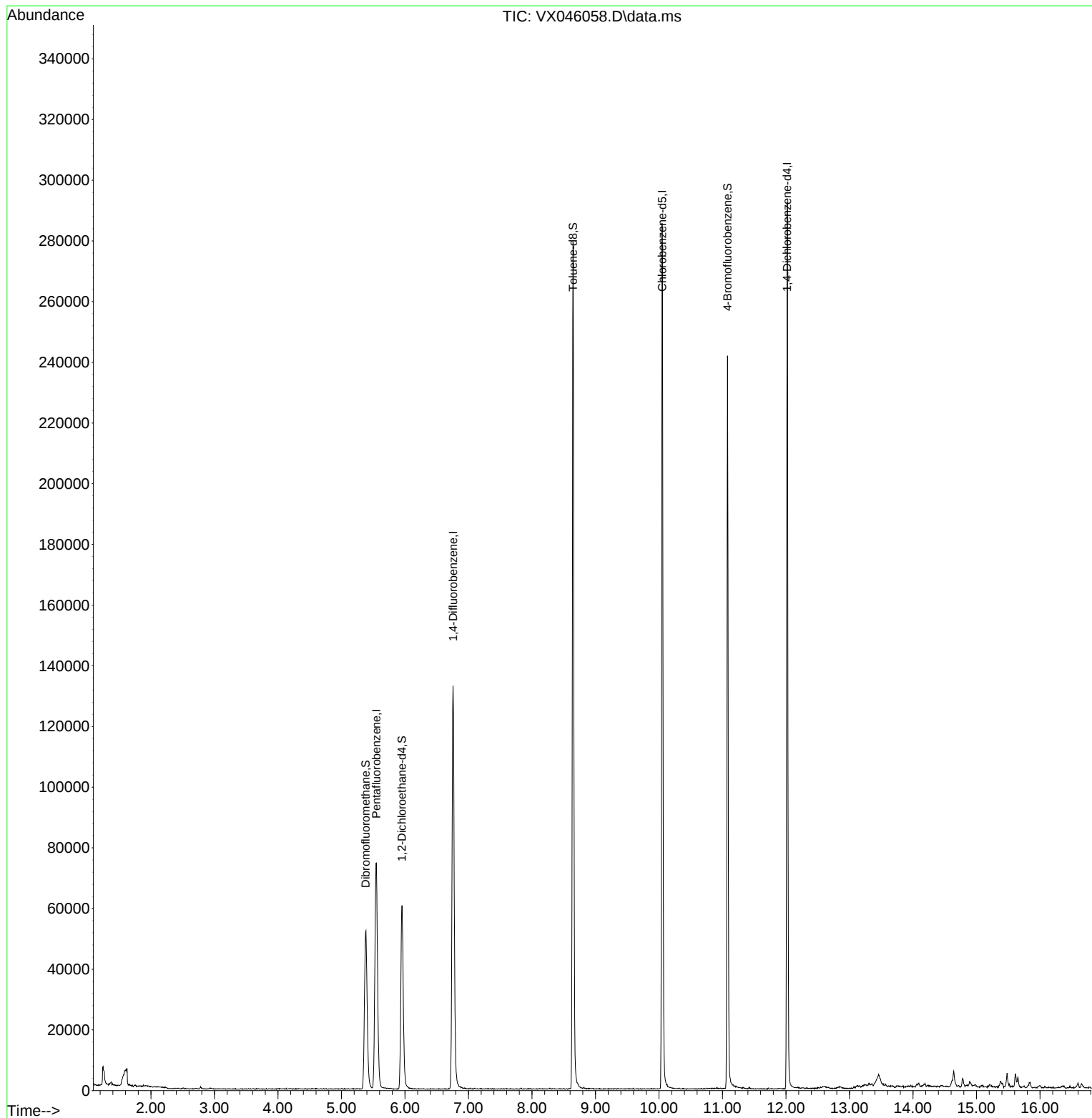
Target Compounds	Qvalue

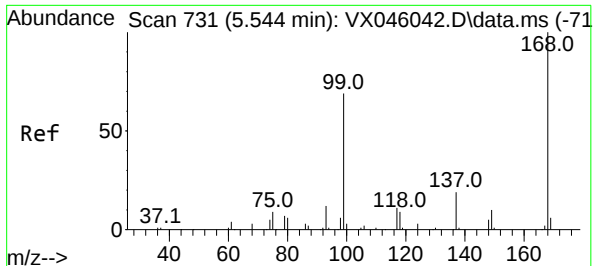
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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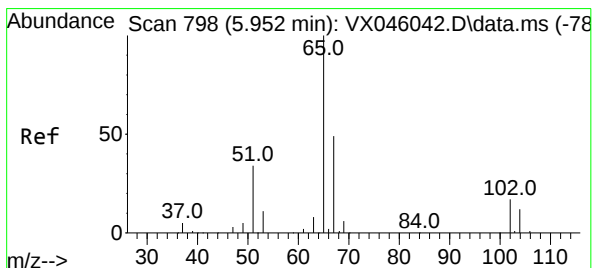
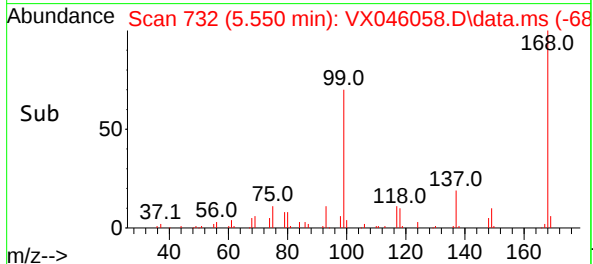
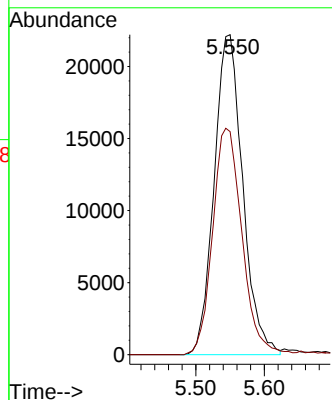
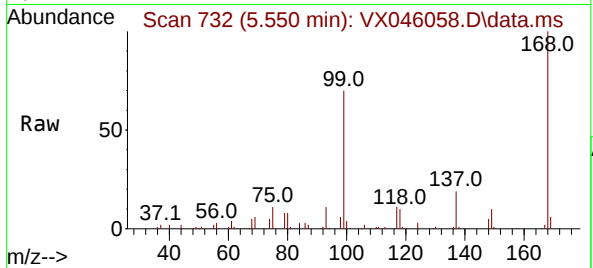




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046058.D
Acq: 06 May 2025 13:02

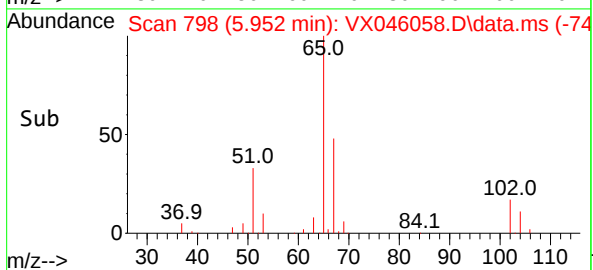
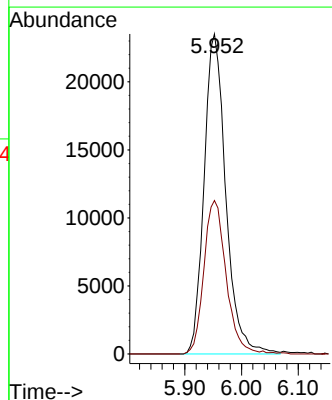
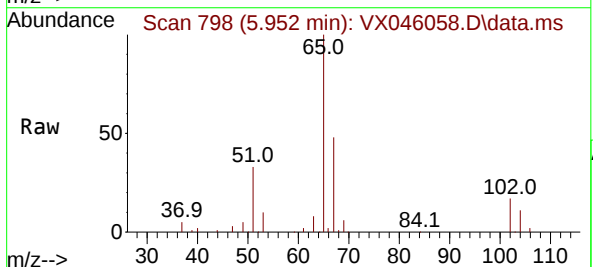
Instrument :
MSVOA_X
ClientSampleId :
IBLK

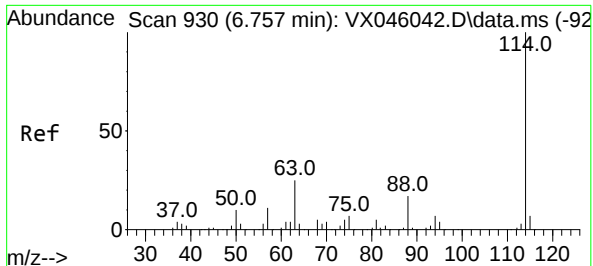
Tgt Ion:168 Resp: 64271
Ion Ratio Lower Upper
168 100
99 69.7 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 52.248 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX046058.D
Acq: 06 May 2025 13:02

Tgt Ion: 65 Resp: 62604
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.0

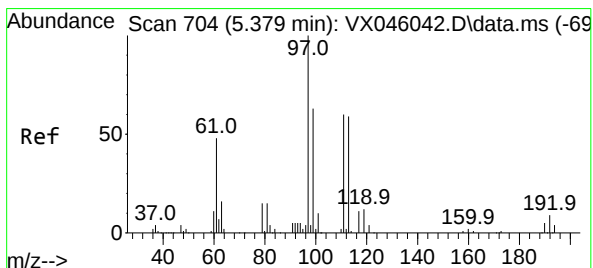
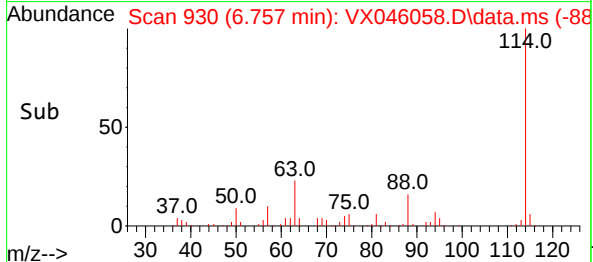
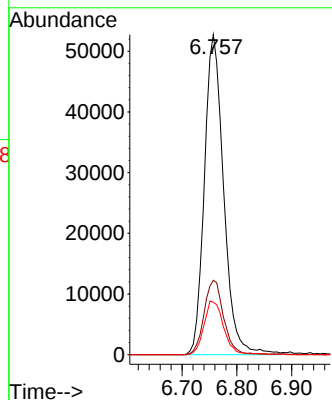
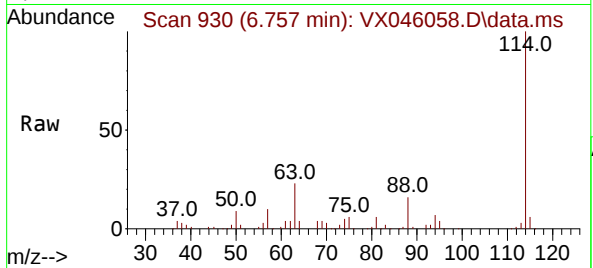




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046058.D
Acq: 06 May 2025 13:02

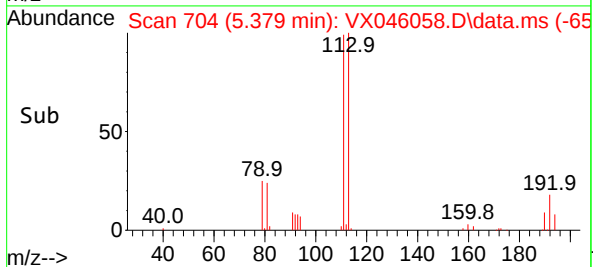
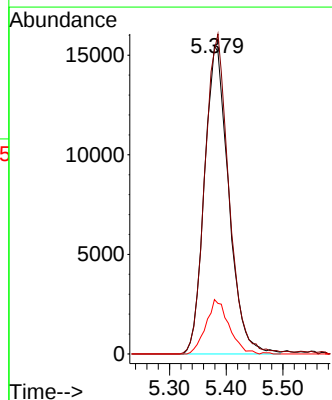
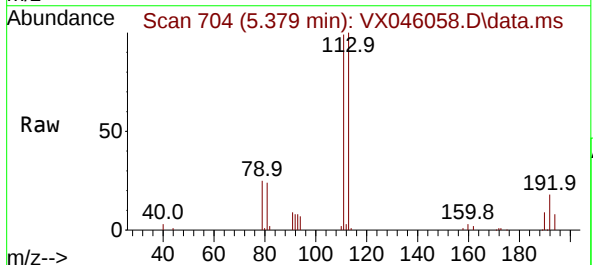
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:114 Resp: 128754
Ion Ratio Lower Upper
114 100
63 23.3 0.0 49.2
88 16.4 0.0 33.6



#35
Dibromofluoromethane
Concen: 49.619 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046058.D
Acq: 06 May 2025 13:02

Tgt Ion:113 Resp: 46005
Ion Ratio Lower Upper
113 100
111 103.2 83.1 124.7
192 16.7 13.3 19.9

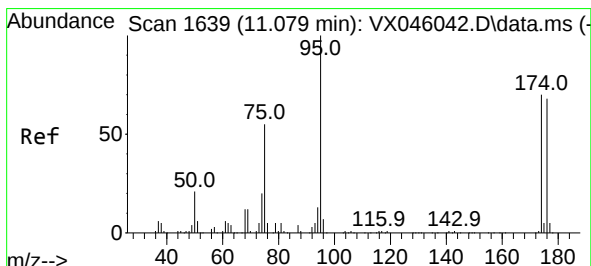
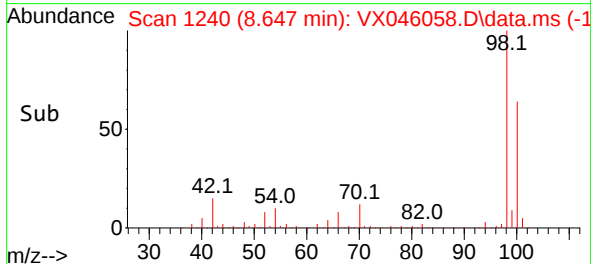
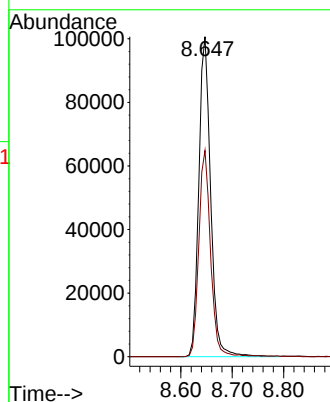
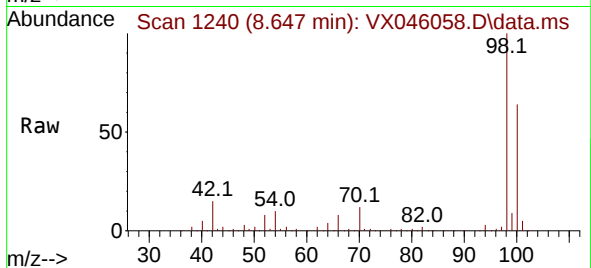




#50
Toluene-d8
Concen: 50.172 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046058.D
Acq: 06 May 2025 13:02

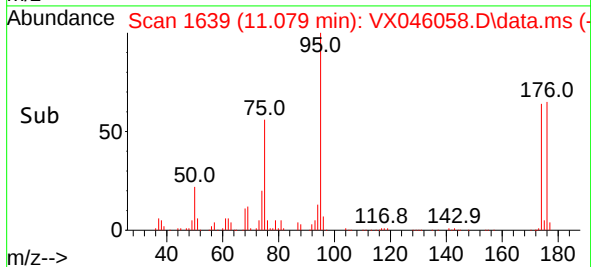
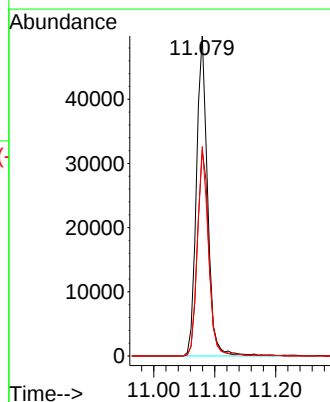
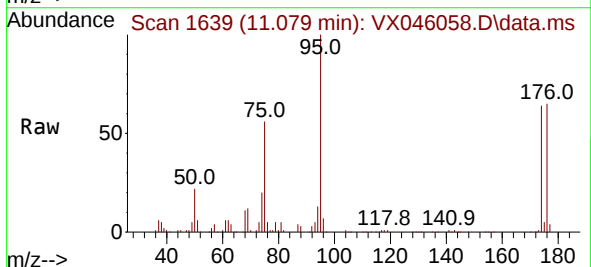
Instrument :
MSVOA_X
ClientSampleId :
IBLK

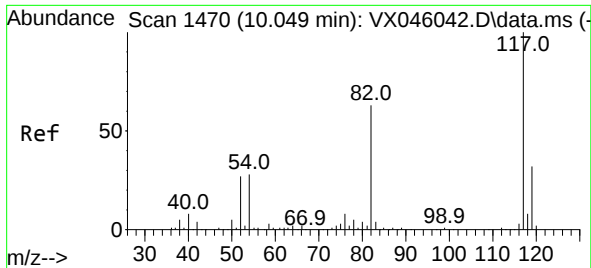
Tgt Ion: 98 Resp: 161003
Ion Ratio Lower Upper
98 100
100 64.1 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 51.375 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046058.D
Acq: 06 May 2025 13:02

Tgt Ion: 95 Resp: 63240
Ion Ratio Lower Upper
95 100
174 65.5 0.0 135.8
176 64.7 0.0 131.4

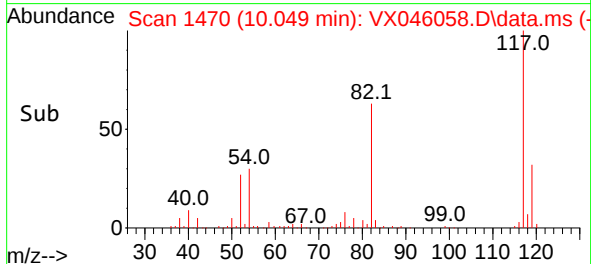
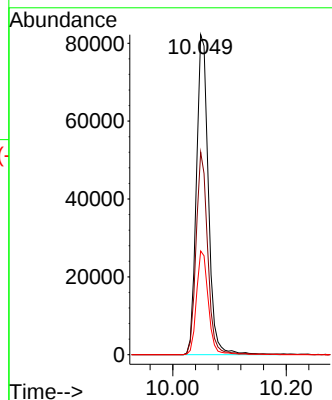
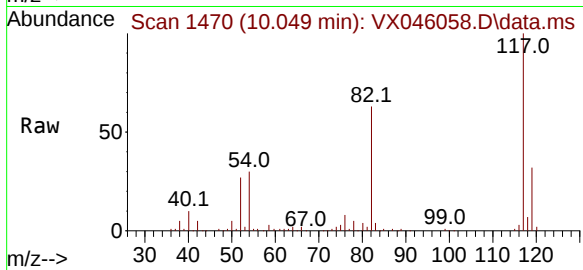




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046058.D
Acq: 06 May 2025 13:02

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 120332
Ion Ratio Lower Upper
117 100
82 63.3 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# 1793
Delta R.T. 0.000 min
Lab File: VX046058.D
Acq: 06 May 2025 13:02

Tgt Ion:152 Resp: 53914
Ion Ratio Lower Upper
152 100
115 65.2 46.9 140.7
150 155.9 0.0 351.0

