

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
 Data File : VX045910.D
 Acq On : 23 Apr 2025 15:20
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 24 02:15:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	95072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	181488	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	174128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	78895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	83983	48.304	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.600%
35) Dibromofluoromethane	5.379	113	62835	48.798	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.600%
50) Toluene-d8	8.641	98	233866	52.035	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.060%
62) 4-Bromofluorobenzene	11.079	95	92017	56.207	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	112.420%

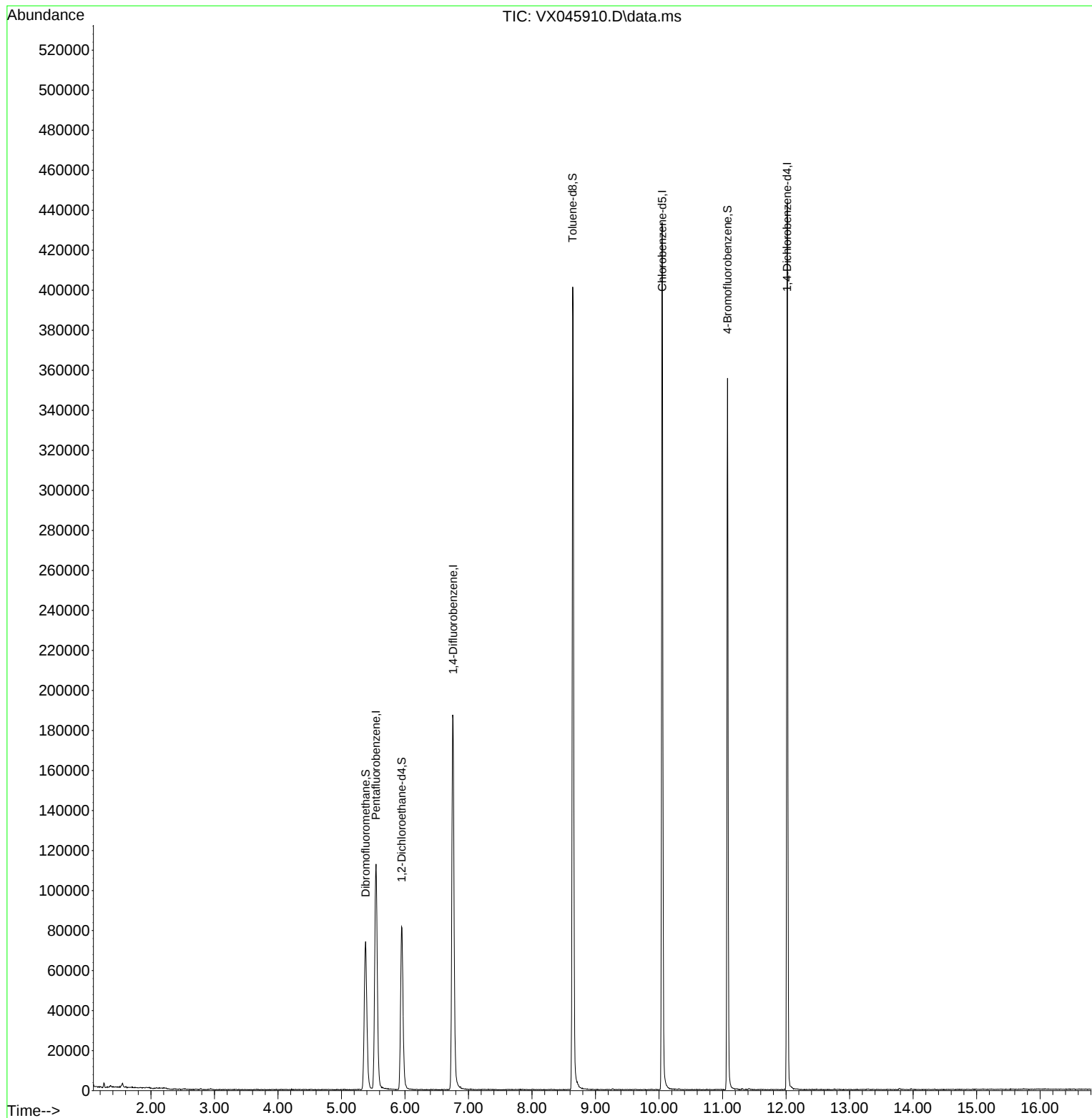
Target Compounds	Qvalue

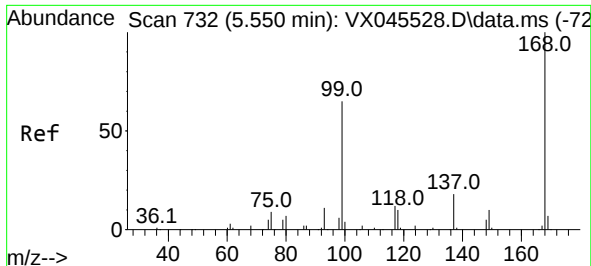
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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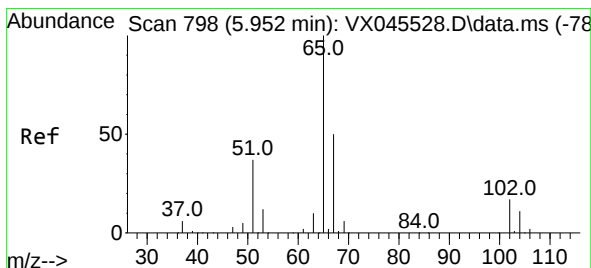
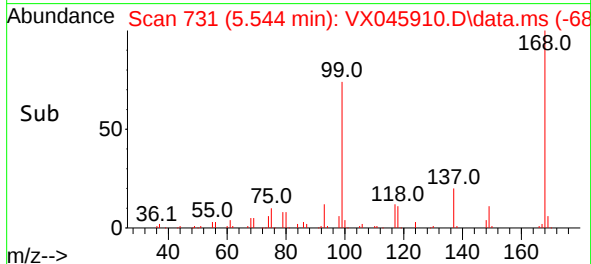
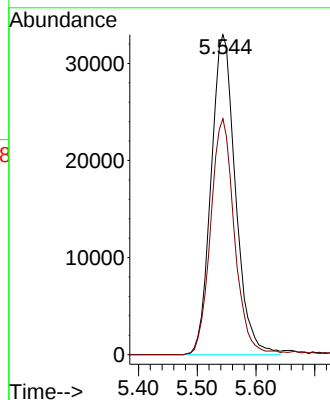
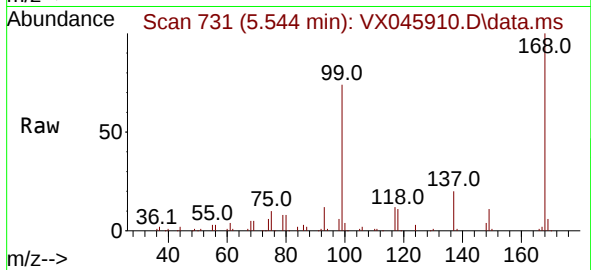




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045910.D
Acq: 23 Apr 2025 15:20

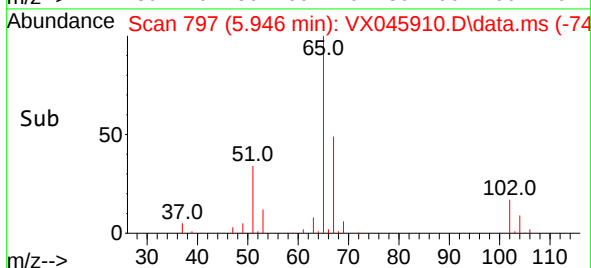
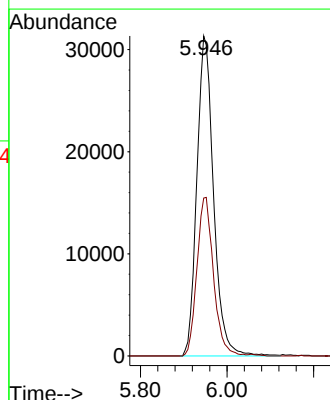
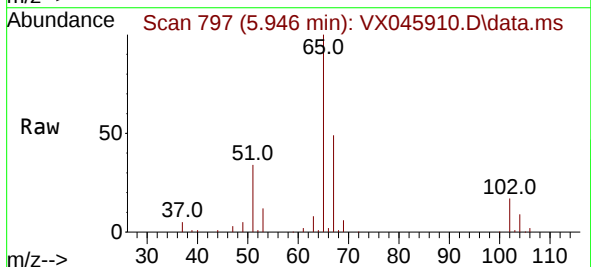
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 95072
Ion Ratio Lower Upper
168 100
99 73.8 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 48.304 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045910.D
Acq: 23 Apr 2025 15:20

Tgt Ion: 65 Resp: 83983
Ion Ratio Lower Upper
65 100
67 49.1 0.0 99.0

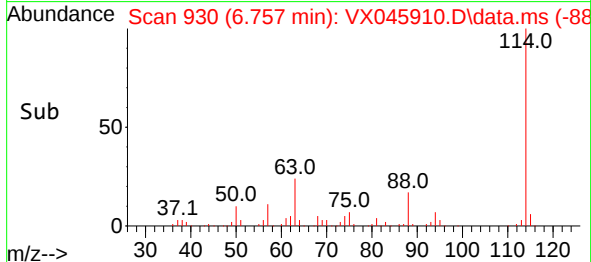
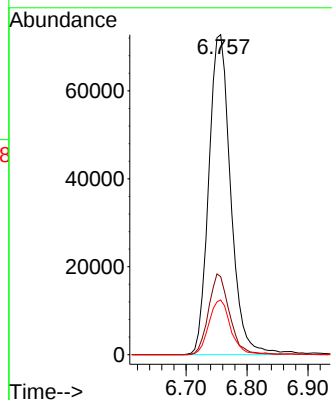
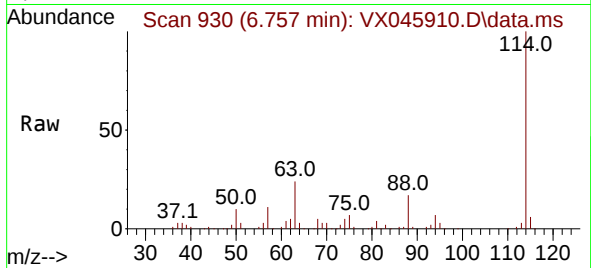




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045910.D
Acq: 23 Apr 2025 15:20

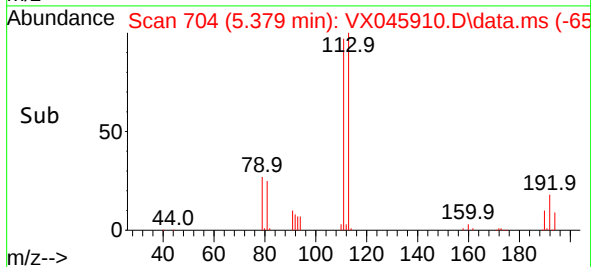
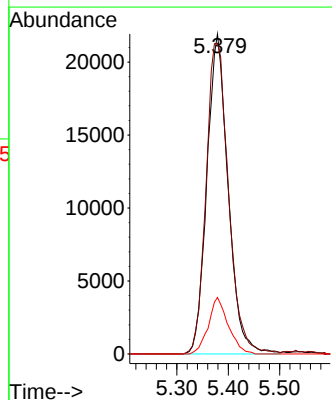
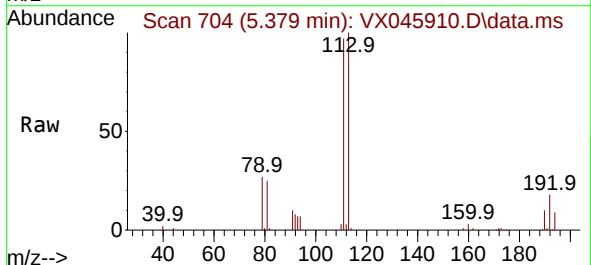
Instrument :
MSVOA_X
ClientSampleId :
IBLK

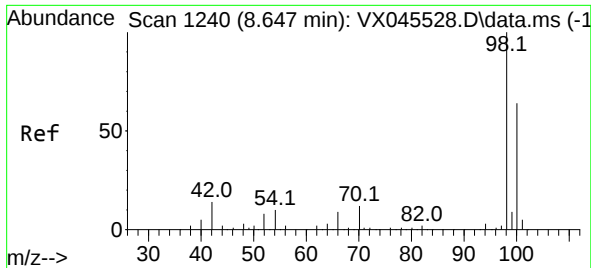
Tgt Ion:114 Resp: 181488
Ion Ratio Lower Upper
114 100
63 24.4 0.0 46.8
88 17.1 0.0 35.4



#35
Dibromofluoromethane
Concen: 48.798 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045910.D
Acq: 23 Apr 2025 15:20

Tgt Ion:113 Resp: 62835
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.6
192 16.6 13.8 20.6

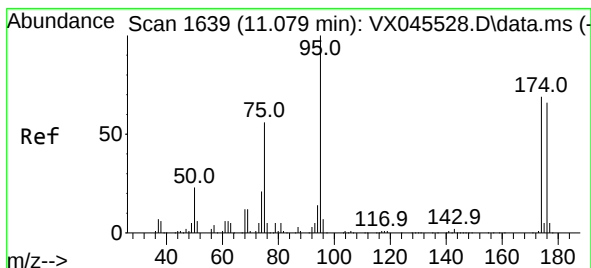
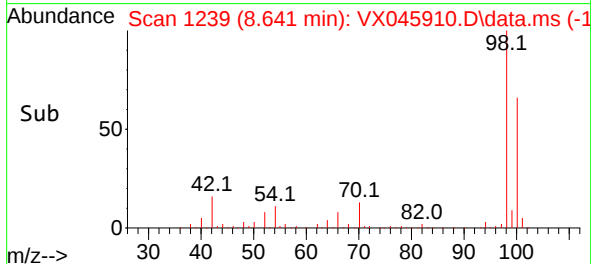
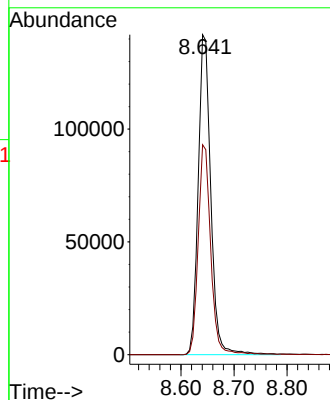
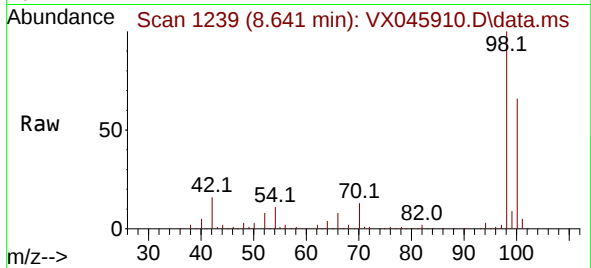




#50
Toluene-d8
Concen: 52.035 ug/l
RT: 8.641 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045910.D
Acq: 23 Apr 2025 15:20

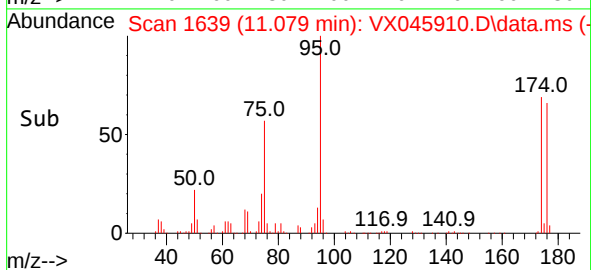
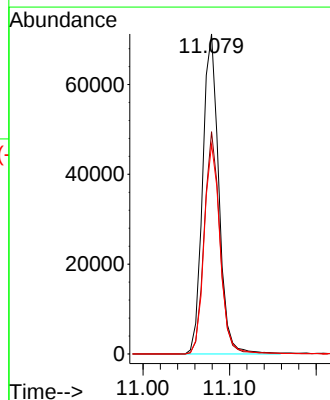
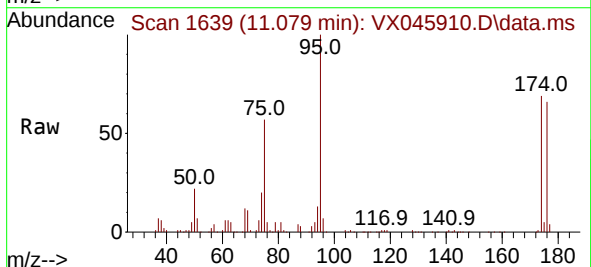
Instrument :
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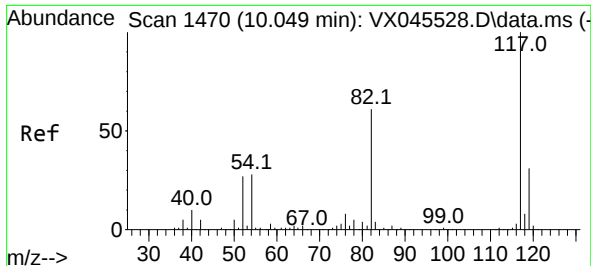
Tgt Ion: 98 Resp: 233866
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 56.207 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045910.D
Acq: 23 Apr 2025 15:20

Tgt Ion: 95 Resp: 92017
Ion Ratio Lower Upper
95 100
174 67.6 0.0 135.8
176 65.3 0.0 131.4

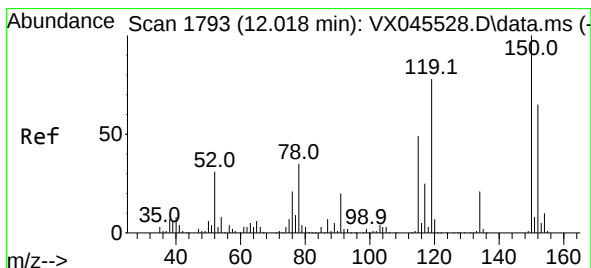
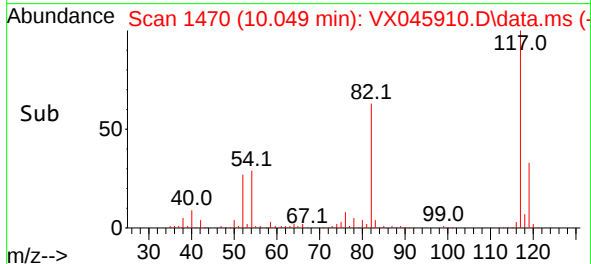
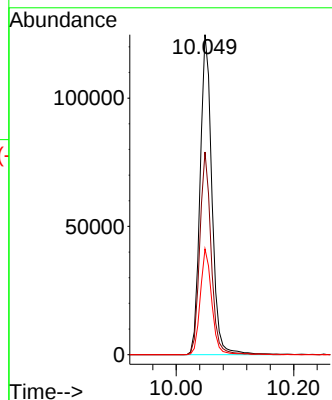
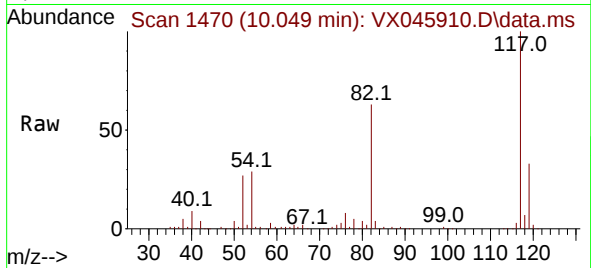




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045910.D
Acq: 23 Apr 2025 15:20

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 174128
Ion Ratio Lower Upper
117 100
82 63.4 49.2 73.8
119 33.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045910.D
Acq: 23 Apr 2025 15:20

Tgt Ion:152 Resp: 78895
Ion Ratio Lower Upper
152 100
115 65.4 46.9 140.7
150 156.6 0.0 349.4

