

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040325\
 Data File : VX045570.D
 Acq On : 03 Apr 2025 14:50
 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 04 01:23:19 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	5.550	168	64483	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125653	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47891	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63953	54.233	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.460%
35) Dibromofluoromethane	5.379	113	45166	50.662	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.320%
50) Toluene-d8	8.647	98	158139	50.820	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.640%
62) 4-Bromofluorobenzene	11.079	95	57629	50.844	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.680%

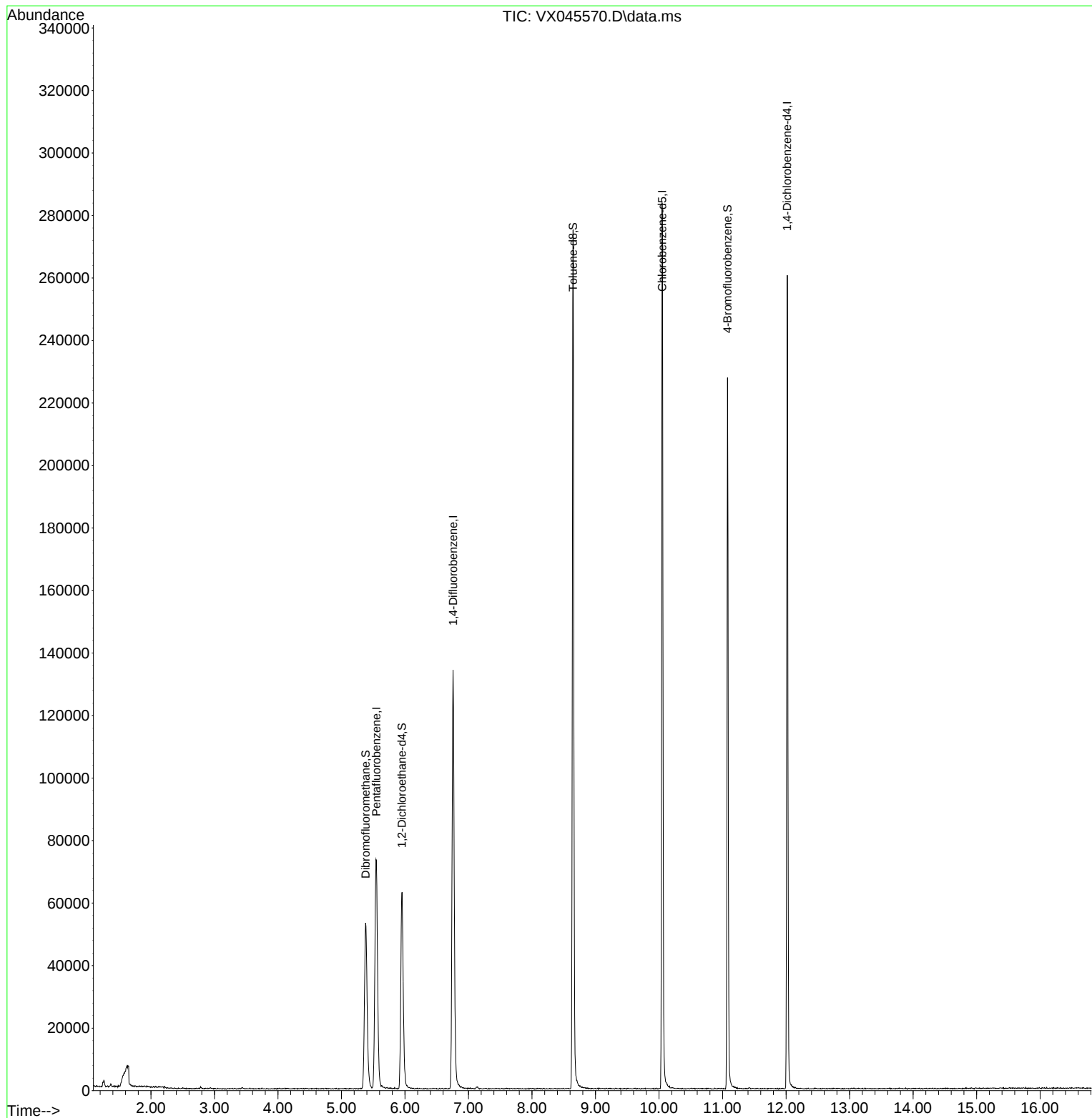
Target Compounds	Qvalue

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

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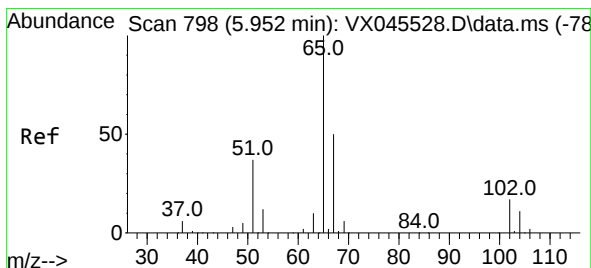
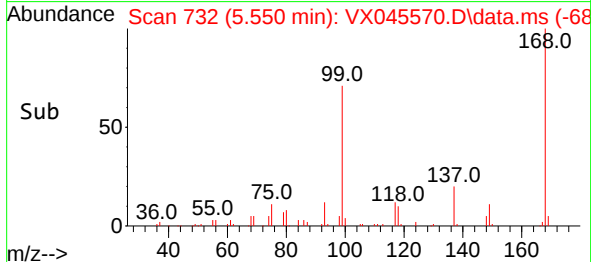
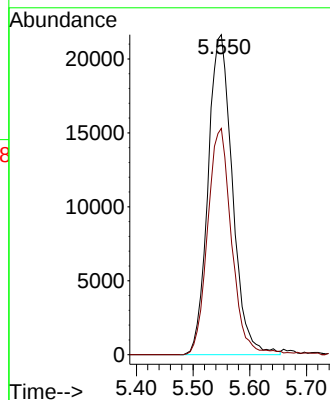
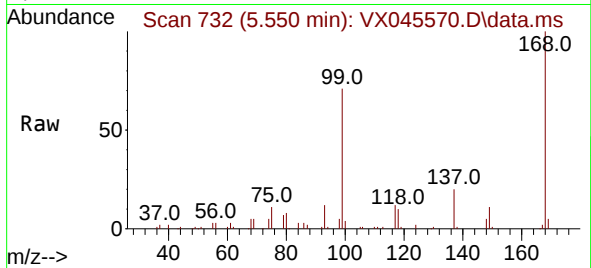




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045570.D
Acq: 03 Apr 2025 14:50

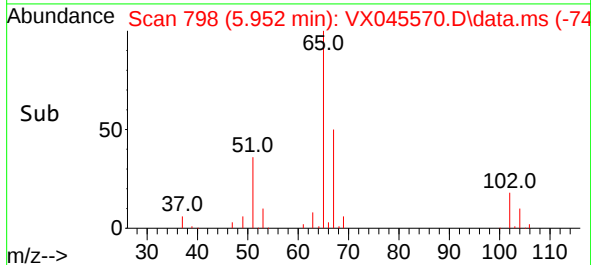
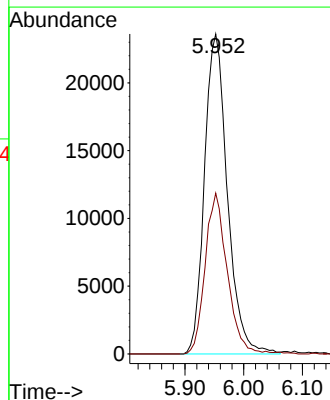
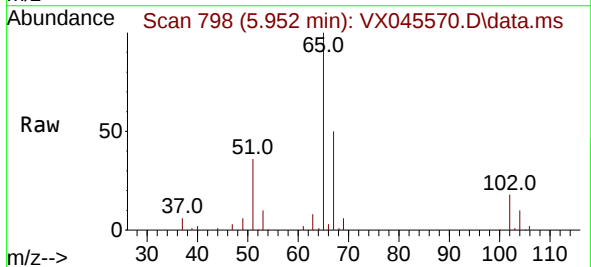
Instrument :
MSVOA_X
ClientSampleId :
IBLK

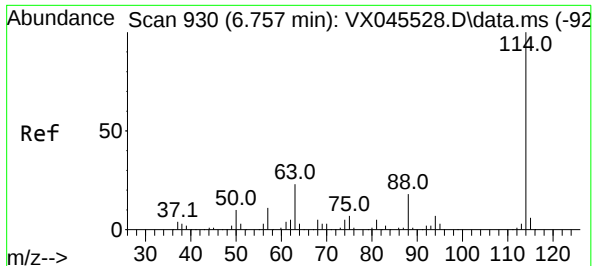
Tgt Ion:168 Resp: 64483
Ion Ratio Lower Upper
168 100
99 70.7 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 54.233 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045570.D
Acq: 03 Apr 2025 14:50

Tgt Ion: 65 Resp: 63953
Ion Ratio Lower Upper
65 100
67 48.4 0.0 99.0

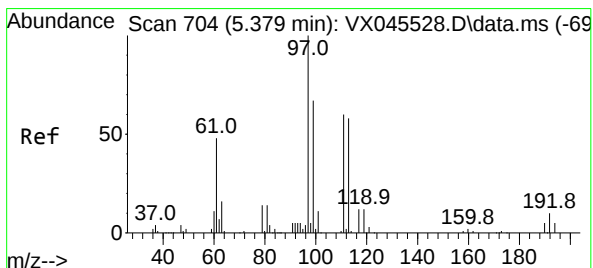
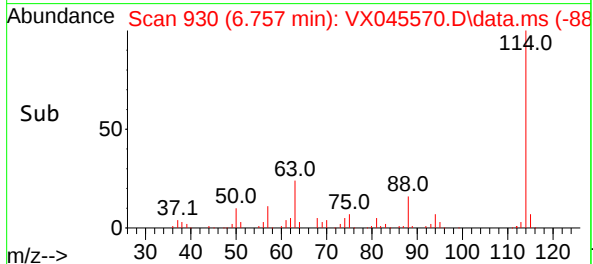
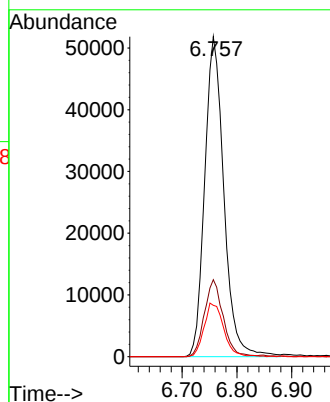
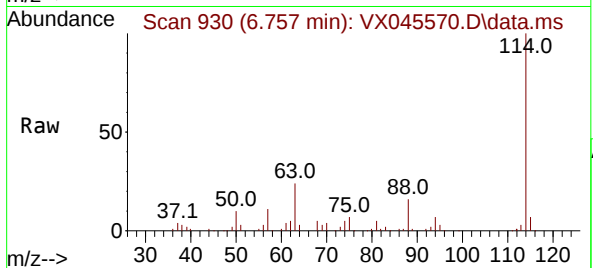




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045570.D
Acq: 03 Apr 2025 14:50

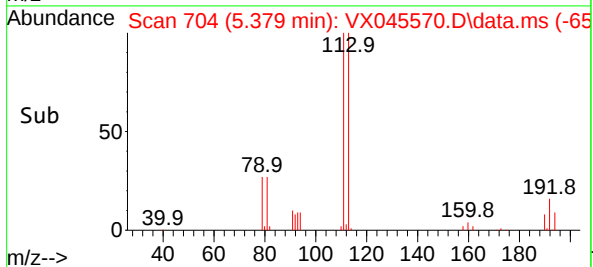
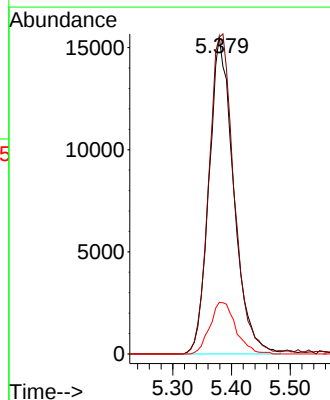
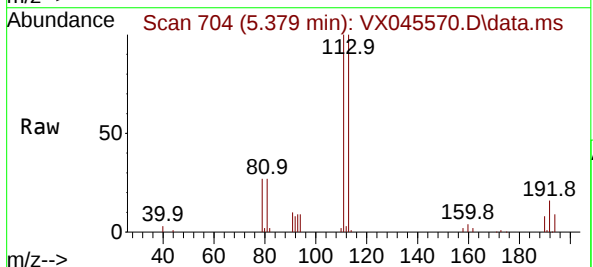
Instrument :
MSVOA_X
ClientSampleId :
IBLK

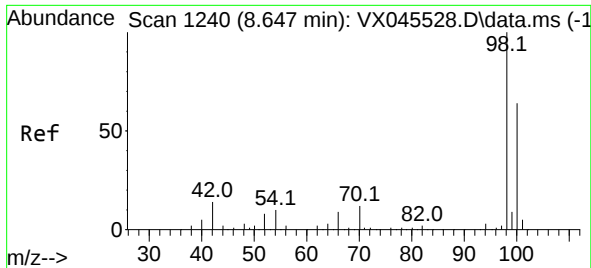
Tgt Ion:114 Resp: 125653
Ion Ratio Lower Upper
114 100
63 24.0 0.0 46.8
88 16.1 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.662 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045570.D
Acq: 03 Apr 2025 14:50

Tgt Ion:113 Resp: 45166
Ion Ratio Lower Upper
113 100
111 103.5 81.8 122.6
192 17.1 13.8 20.6

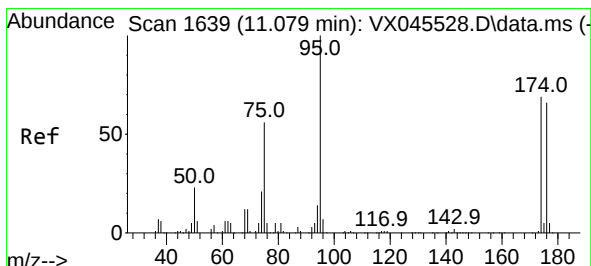
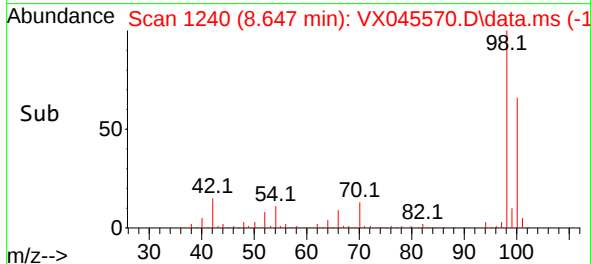
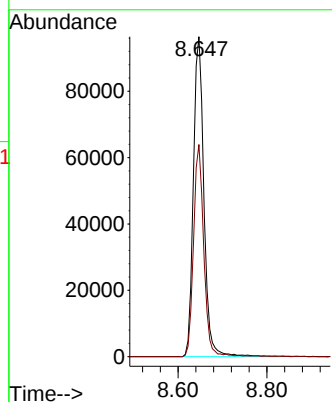
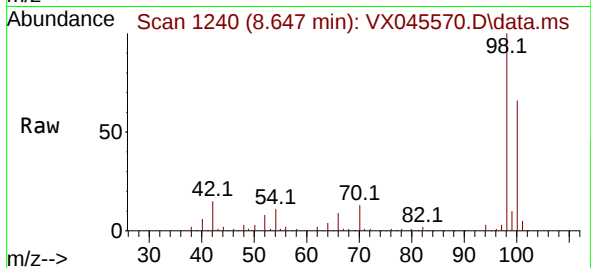




#50
Toluene-d8
Concen: 50.820 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045570.D
Acq: 03 Apr 2025 14:50

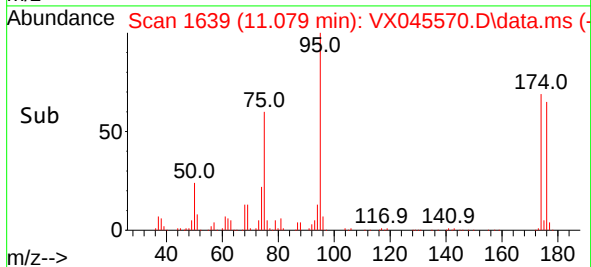
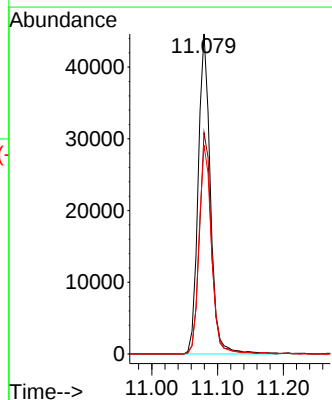
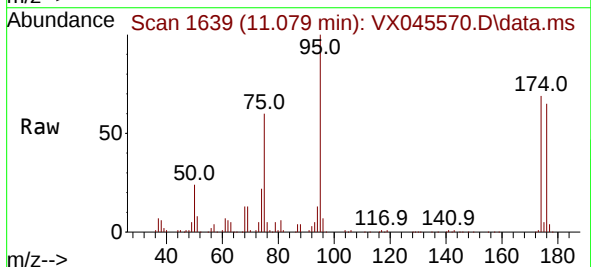
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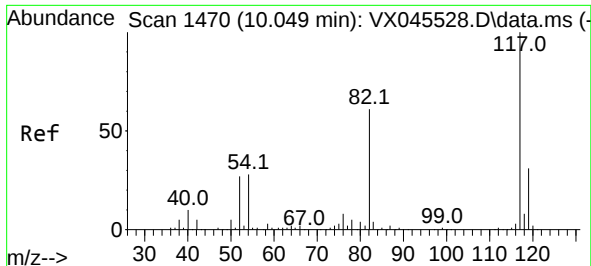
Tgt Ion: 98 Resp: 158139
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 50.844 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045570.D
Acq: 03 Apr 2025 14:50

Tgt Ion: 95 Resp: 57629
Ion Ratio Lower Upper
95 100
174 68.8 0.0 135.8
176 66.6 0.0 131.4

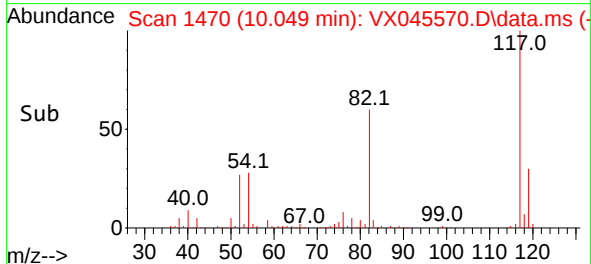
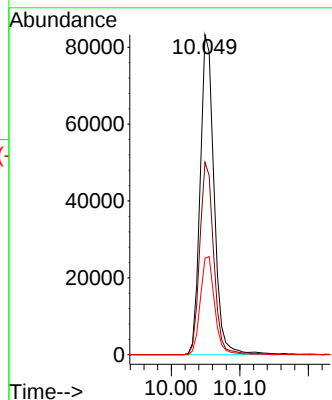
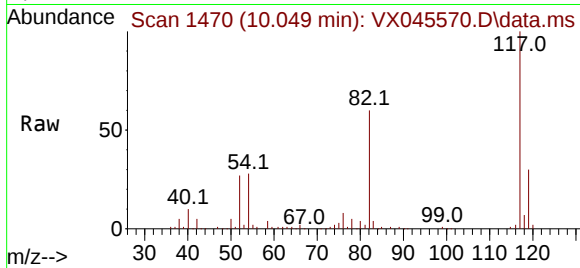




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045570.D
Acq: 03 Apr 2025 14:50

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 117774
Ion Ratio Lower Upper
117 100
82 60.1 49.2 73.8
119 30.1 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: VX045570.D
Acq: 03 Apr 2025 14:50

Tgt Ion:152 Resp: 47891
Ion Ratio Lower Upper
152 100
115 64.6 46.9 140.7
150 158.4 0.0 349.4

