

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032025\
 Data File : VX045359.D
 Acq On : 20 Mar 2025 14:26
 Operator : JC/MD
 Sample : Q1584-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Mar 21 01:48:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	70067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	138915	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51018	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62464	56.046	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.100%
35) Dibromofluoromethane	5.379	113	48461	52.171	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.340%
50) Toluene-d8	8.647	98	173128	51.411	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.820%
62) 4-Bromofluorobenzene	11.079	95	59162	53.017	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.040%

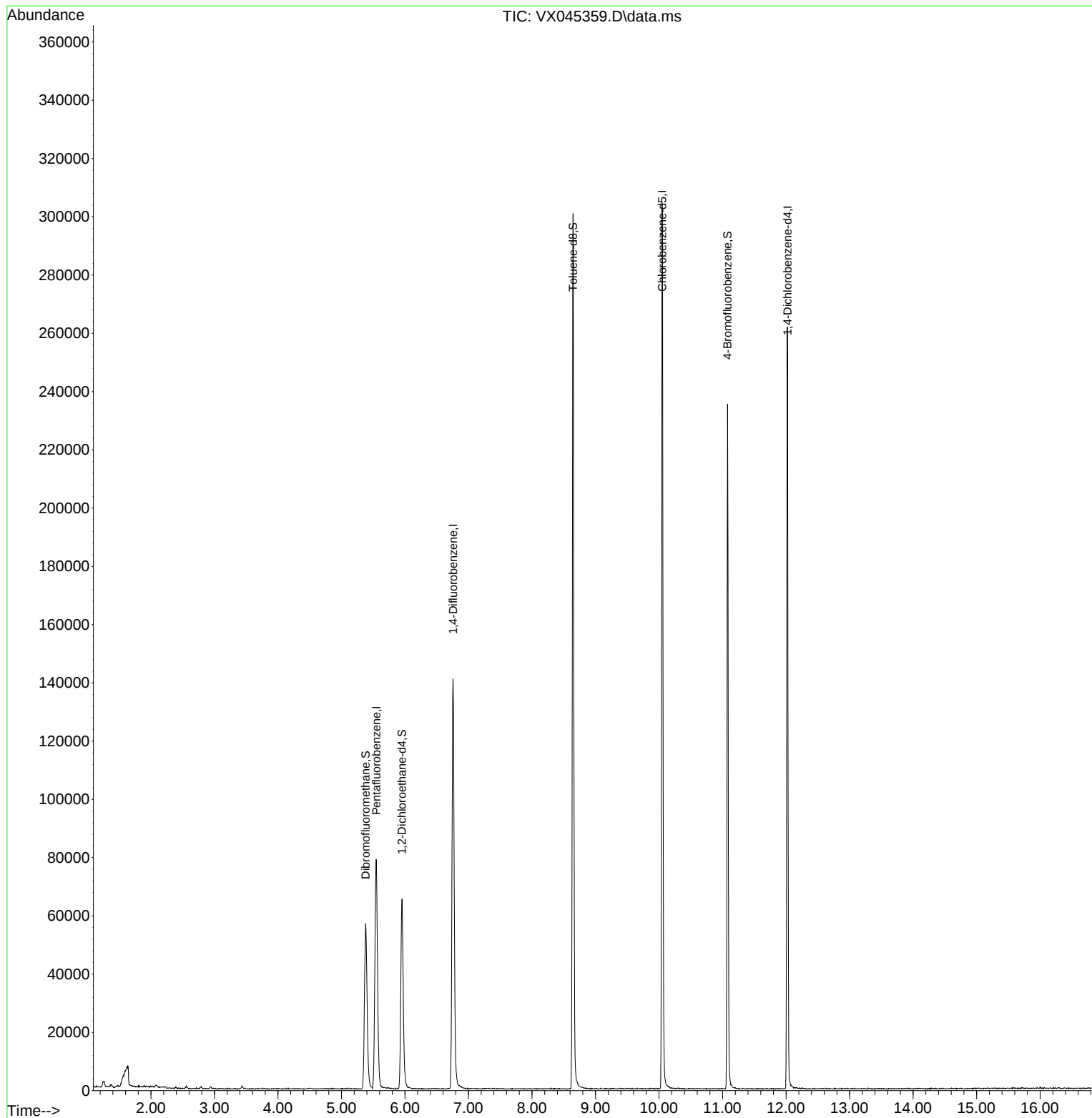
Target Compounds	Qvalue

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

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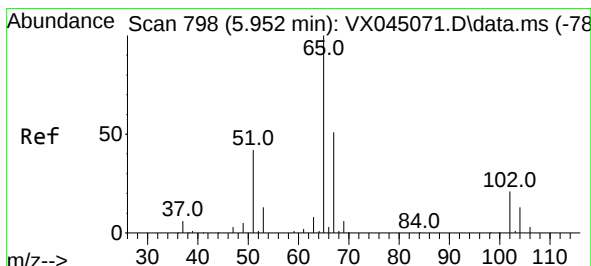
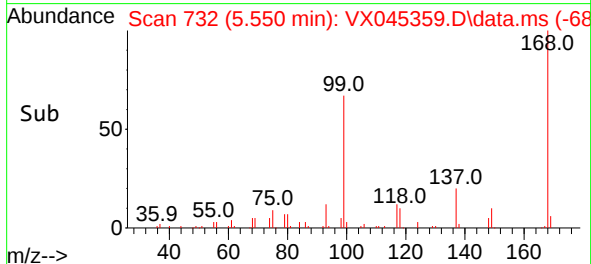
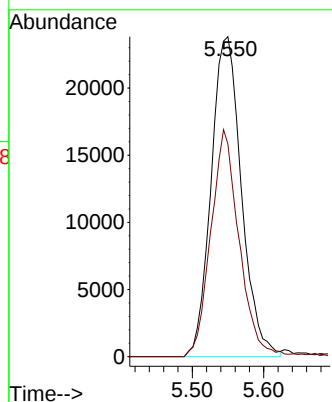
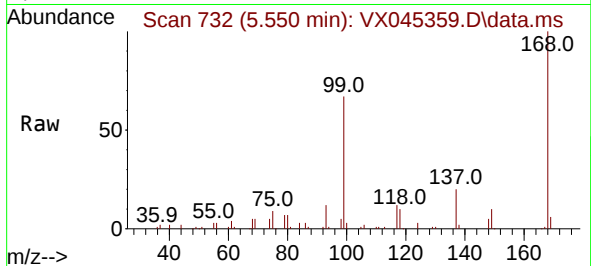




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045359.D
Acq: 20 Mar 2025 14:26

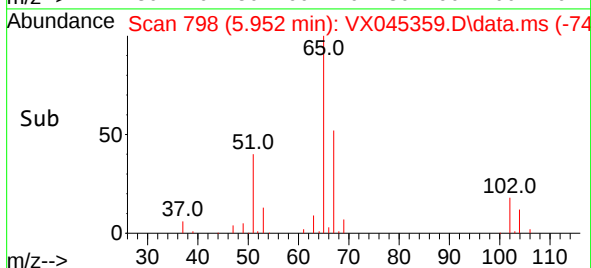
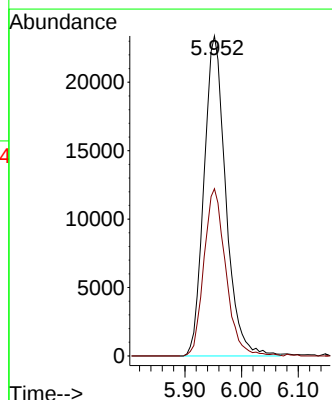
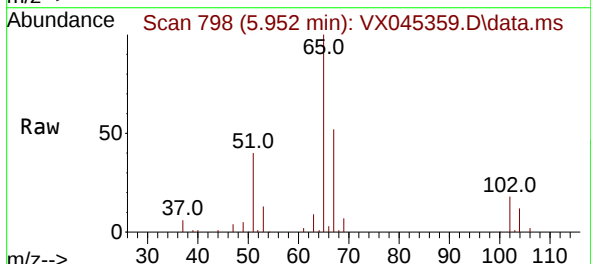
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

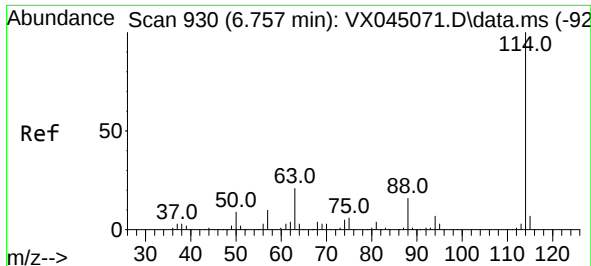
Tgt Ion:168 Resp: 70067
Ion Ratio Lower Upper
168 100
99 66.5 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 56.046 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045359.D
Acq: 20 Mar 2025 14:26

Tgt Ion: 65 Resp: 62464
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.2

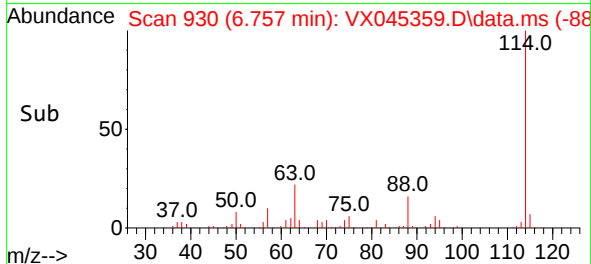
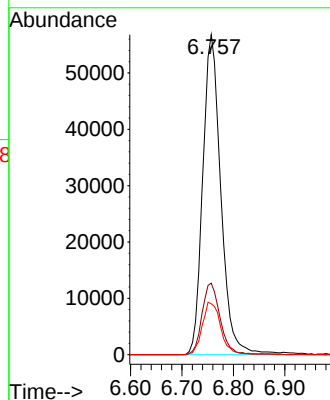
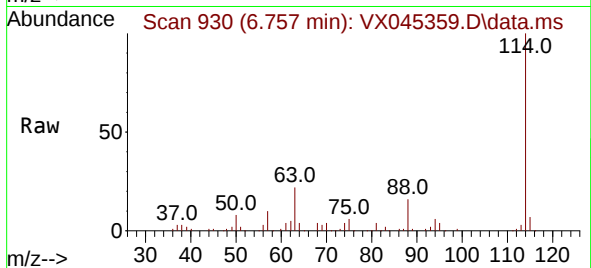




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045359.D
Acq: 20 Mar 2025 14:26

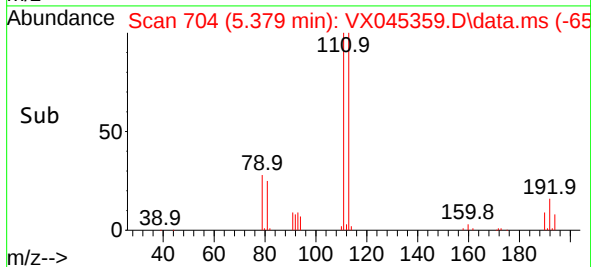
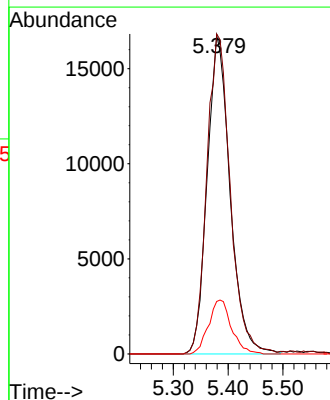
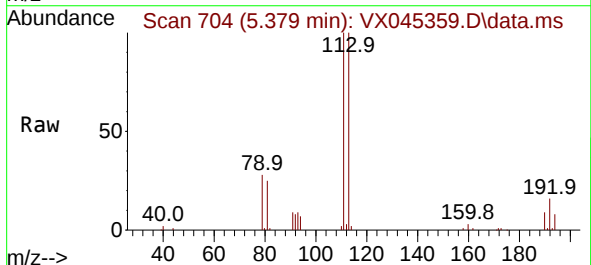
Instrument :
MSVOA_X
ClientSampleId :
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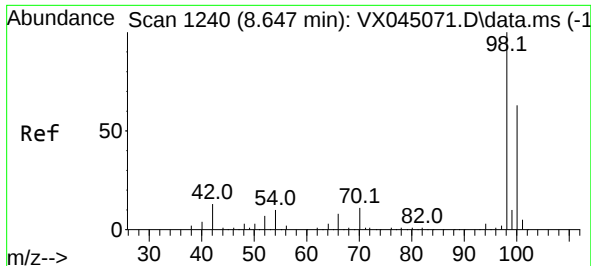
Tgt Ion:114 Resp: 138915
Ion Ratio Lower Upper
114 100
63 22.3 0.0 41.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.171 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045359.D
Acq: 20 Mar 2025 14:26

Tgt Ion:113 Resp: 48461
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.6
192 17.0 14.3 21.5

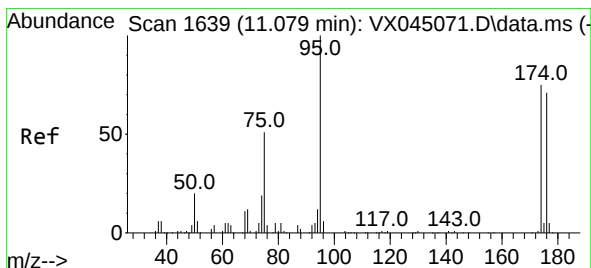
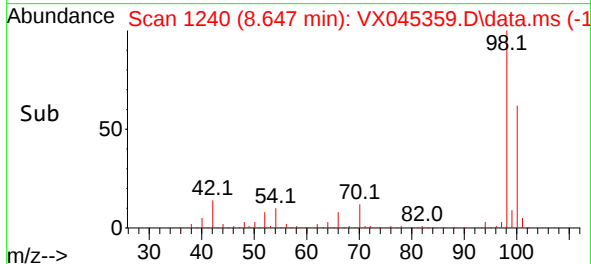
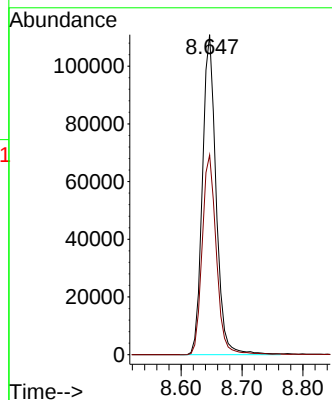
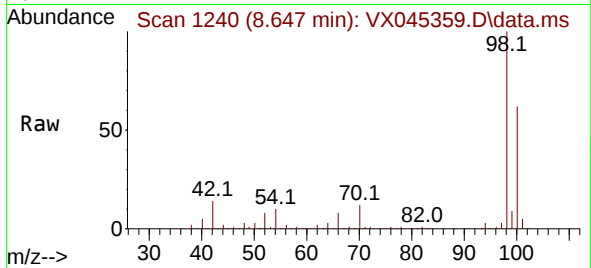




#50
Toluene-d8
Concen: 51.411 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045359.D
Acq: 20 Mar 2025 14:26

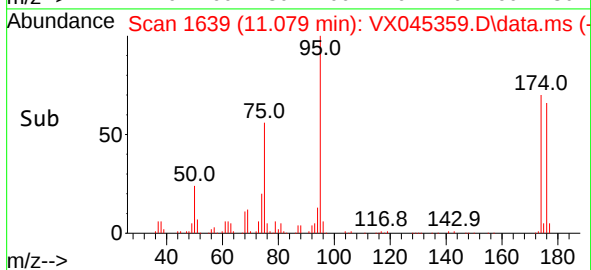
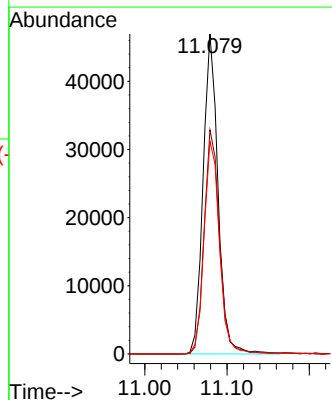
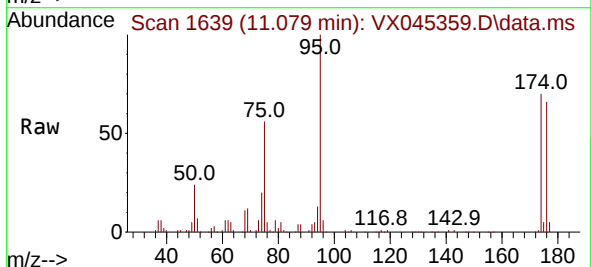
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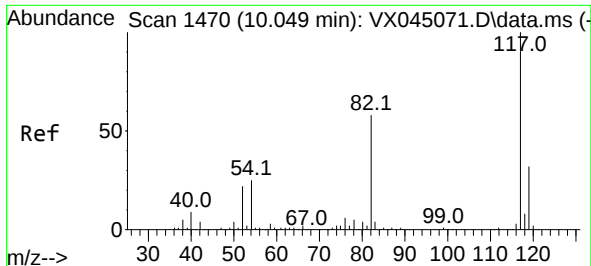
Tgt Ion: 98 Resp: 173128
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 53.017 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045359.D
Acq: 20 Mar 2025 14:26

Tgt Ion: 95 Resp: 59162
Ion Ratio Lower Upper
95 100
174 72.2 0.0 148.2
176 68.8 0.0 141.4

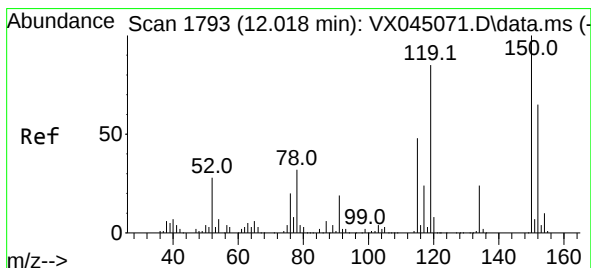
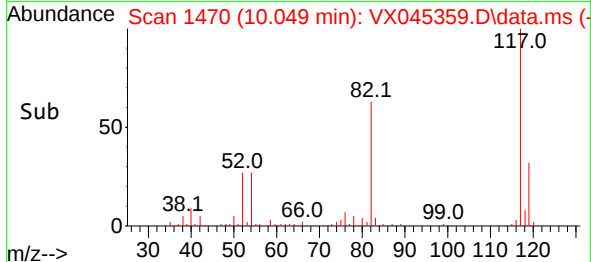
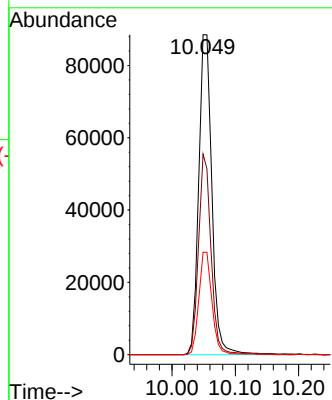
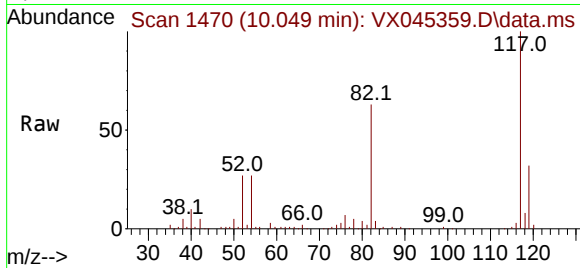




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045359.D
Acq: 20 Mar 2025 14:26

Instrument :
MSVOA_X
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Tgt Ion:117 Resp: 128357
Ion Ratio Lower Upper
117 100
82 62.7 46.3 69.5
119 32.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX045359.D
Acq: 20 Mar 2025 14:26

Tgt Ion:152 Resp: 51018
Ion Ratio Lower Upper
152 100
115 62.4 44.2 132.6
150 157.7 0.0 349.0

