

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
 Data File : VX044840.D
 Acq On : 05 Feb 2025 13:54
 Operator : JC/MD
 Sample : Q1268-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Feb 06 04:38:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	102583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	210319	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	189996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	77528	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75898	49.017	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.040%
35) Dibromofluoromethane	5.379	113	65884	49.310	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.620%
50) Toluene-d8	8.647	98	250616	53.794	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.580%
62) 4-Bromofluorobenzene	11.079	95	83957	48.341	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.680%

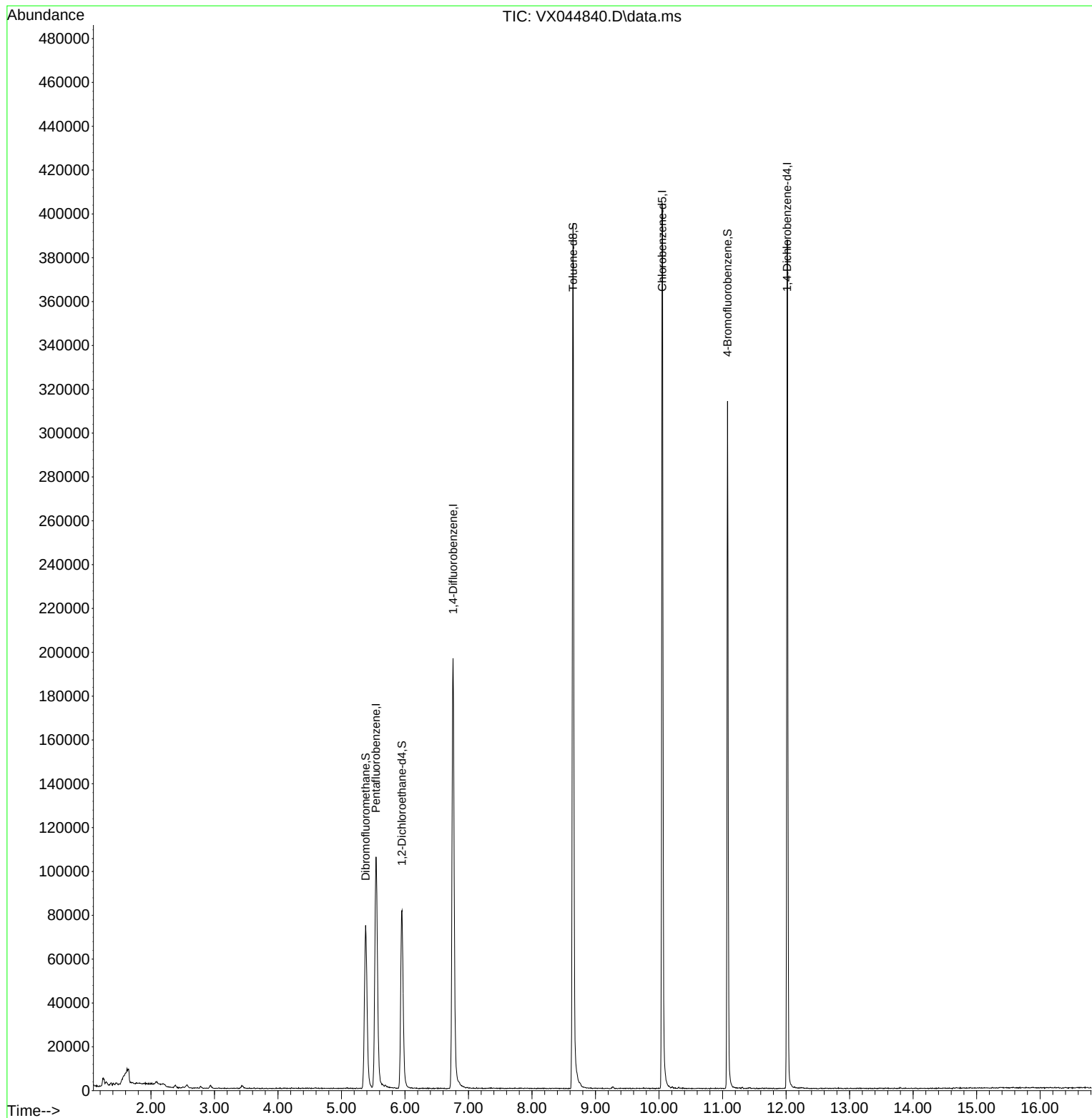
Target Compounds	Qvalue

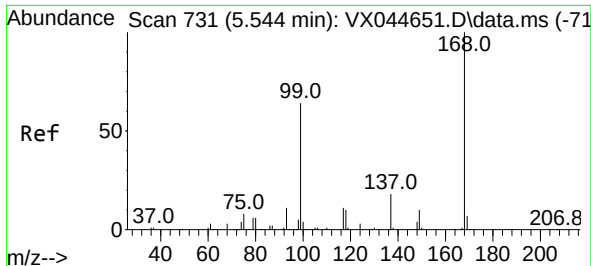
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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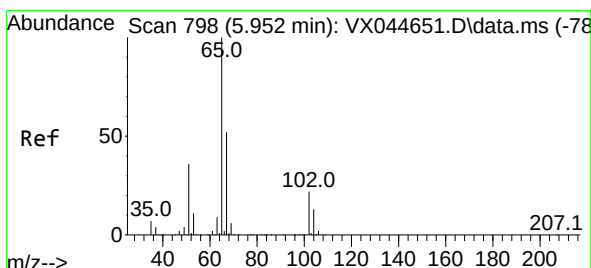
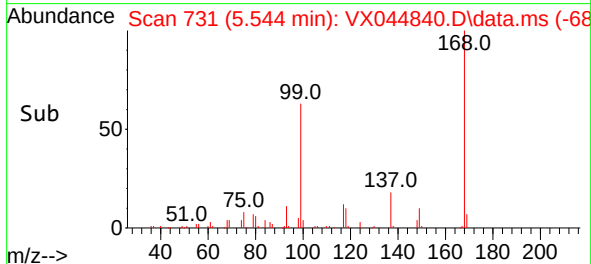
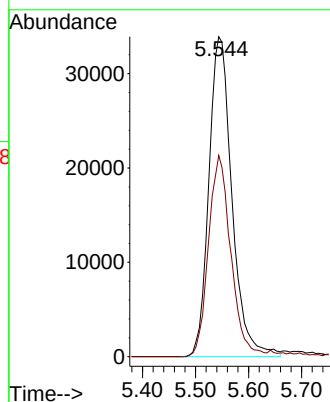
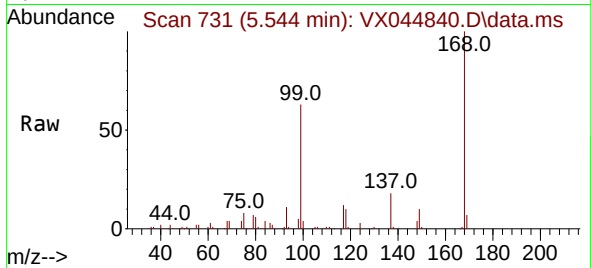




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX044840.D
Acq: 05 Feb 2025 13:54

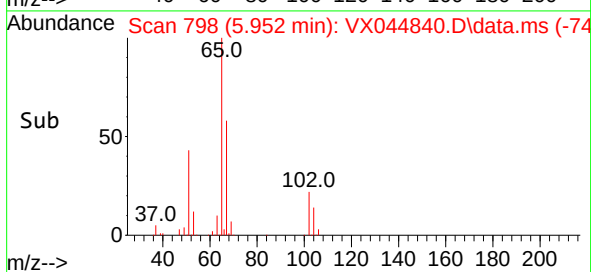
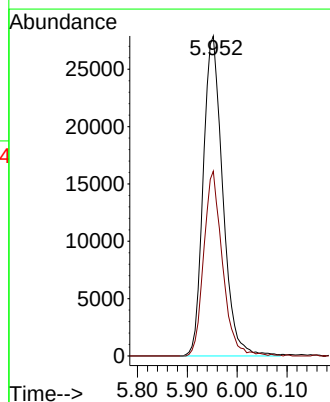
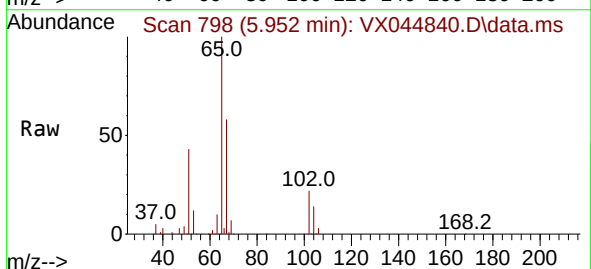
Instrument : MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

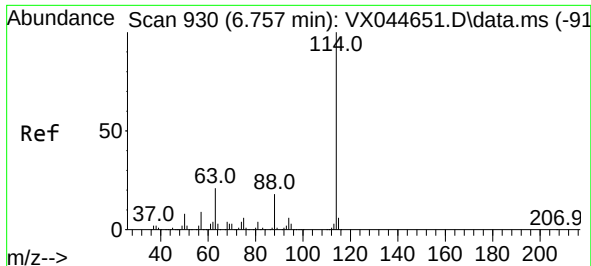
Tgt Ion:168 Resp: 102583
Ion Ratio Lower Upper
168 100
99 62.9 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 49.017 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044840.D
Acq: 05 Feb 2025 13:54

Tgt Ion: 65 Resp: 75898
Ion Ratio Lower Upper
65 100
67 55.3 0.0 103.4

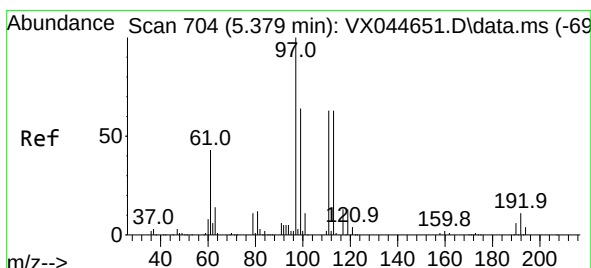
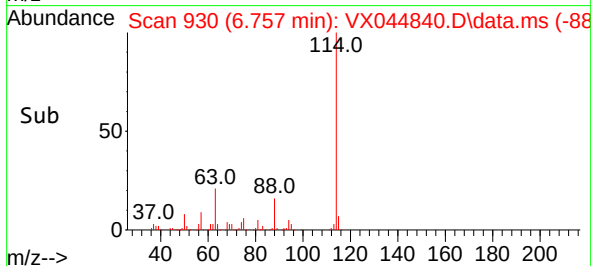
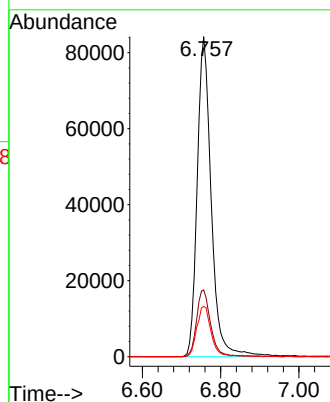
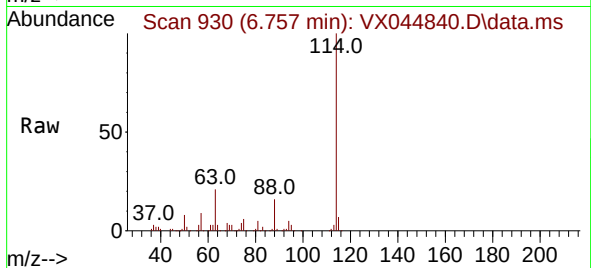




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044840.D
Acq: 05 Feb 2025 13:54

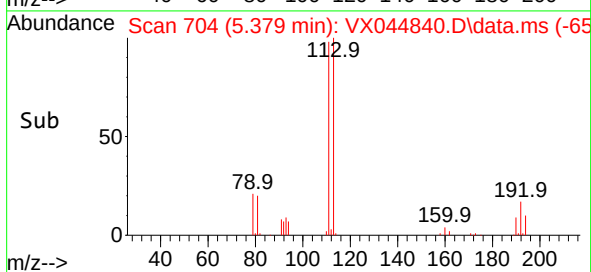
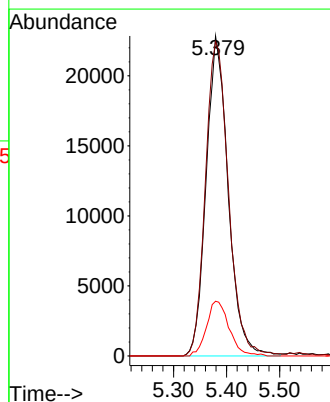
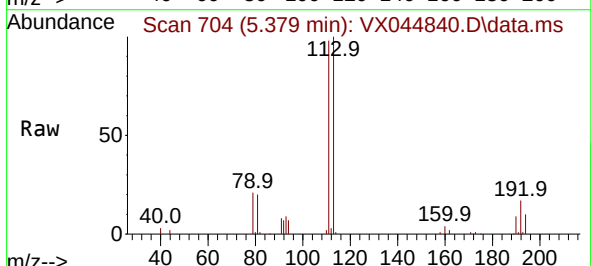
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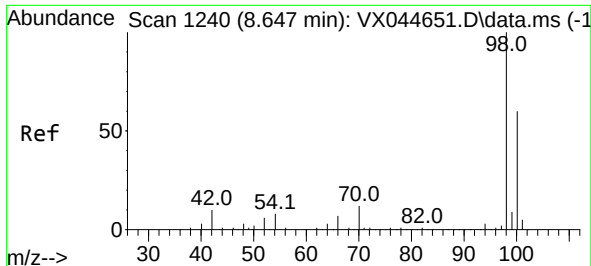
Tgt Ion:114 Resp: 210319
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.0
88 15.7 0.0 35.4



#35
Dibromofluoromethane
Concen: 49.310 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044840.D
Acq: 05 Feb 2025 13:54

Tgt Ion:113 Resp: 65884
Ion Ratio Lower Upper
113 100
111 103.1 81.6 122.4
192 17.6 14.4 21.6

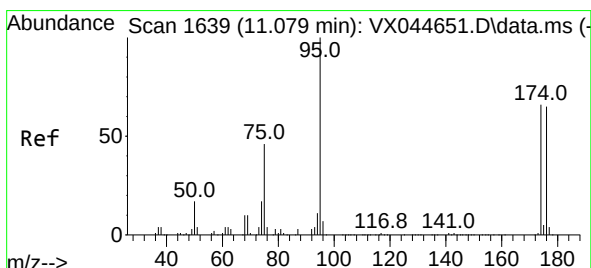
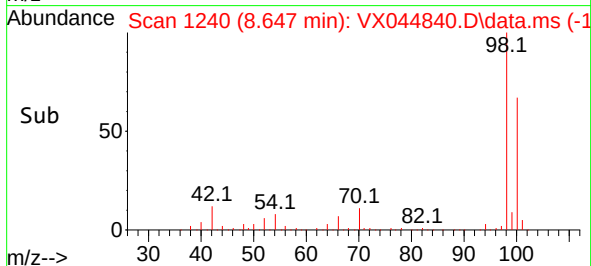
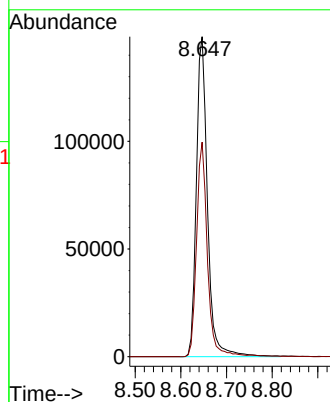
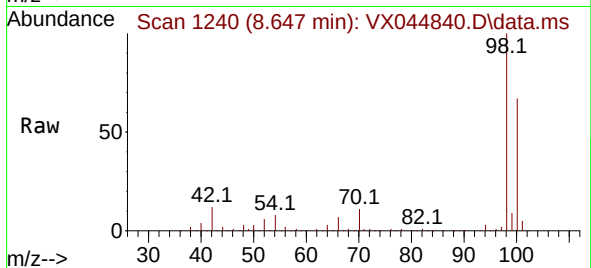




#50
Toluene-d8
Concen: 53.794 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044840.D
Acq: 05 Feb 2025 13:54

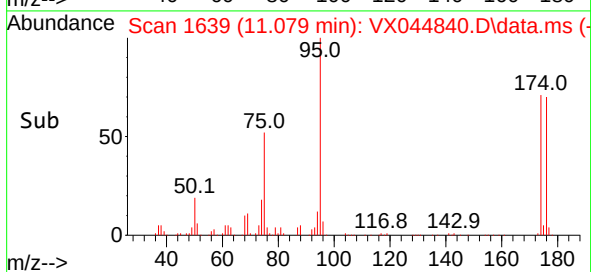
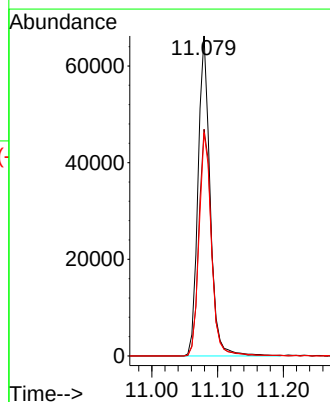
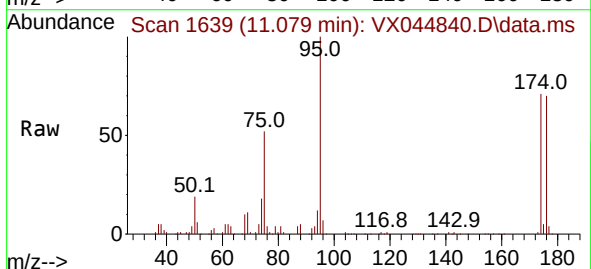
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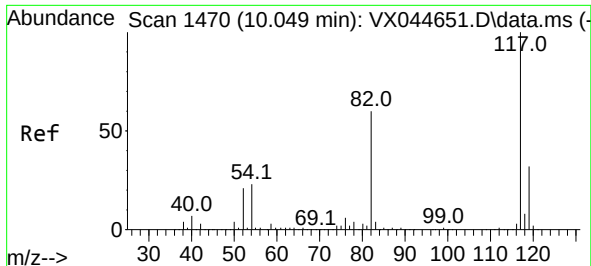
Tgt Ion: 98 Resp: 250616
Ion Ratio Lower Upper
98 100
100 65.1 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 48.341 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044840.D
Acq: 05 Feb 2025 13:54

Tgt Ion: 95 Resp: 83957
Ion Ratio Lower Upper
95 100
174 73.9 0.0 133.0
176 71.4 0.0 129.4

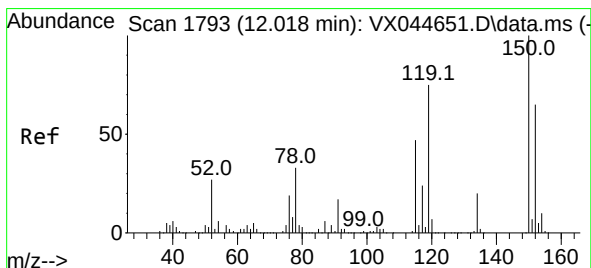
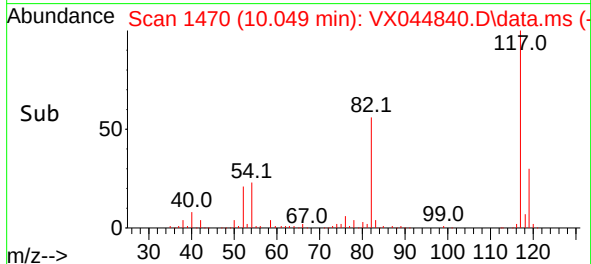
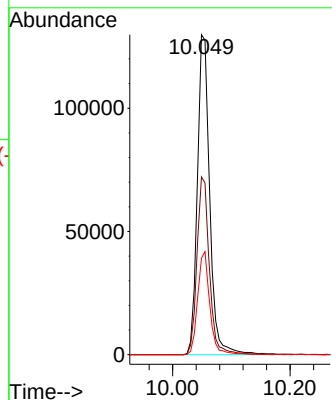
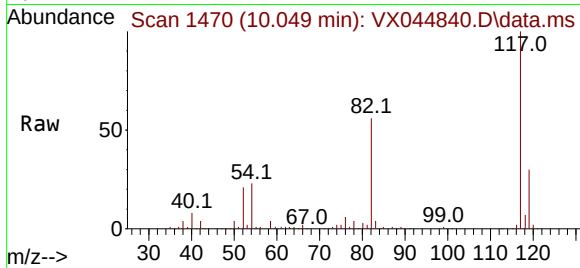




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044840.D
Acq: 05 Feb 2025 13:54

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

Tgt Ion:117 Resp: 189996
Ion Ratio Lower Upper
117 100
82 55.5 47.6 71.4
119 30.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044840.D
Acq: 05 Feb 2025 13:54

Tgt Ion:152 Resp: 77528
Ion Ratio Lower Upper
152 100
115 60.9 43.8 131.4
150 157.7 0.0 347.8

