

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045093.D
 Acq On : 28 Feb 2025 16:54
 Operator : JC/MD
 Sample : Q1469-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-WATER-REF-4

Quant Time: Feb 28 23:10:23 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	5.544	168	78776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	154922	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	143838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59939	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66633	53.177	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.360%	
35) Dibromofluoromethane	5.385	113	53896	52.027	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.060%	
50) Toluene-d8	8.647	98	190629	50.759	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.520%	
62) 4-Bromofluorobenzene	11.079	95	65949	52.993	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.980%	

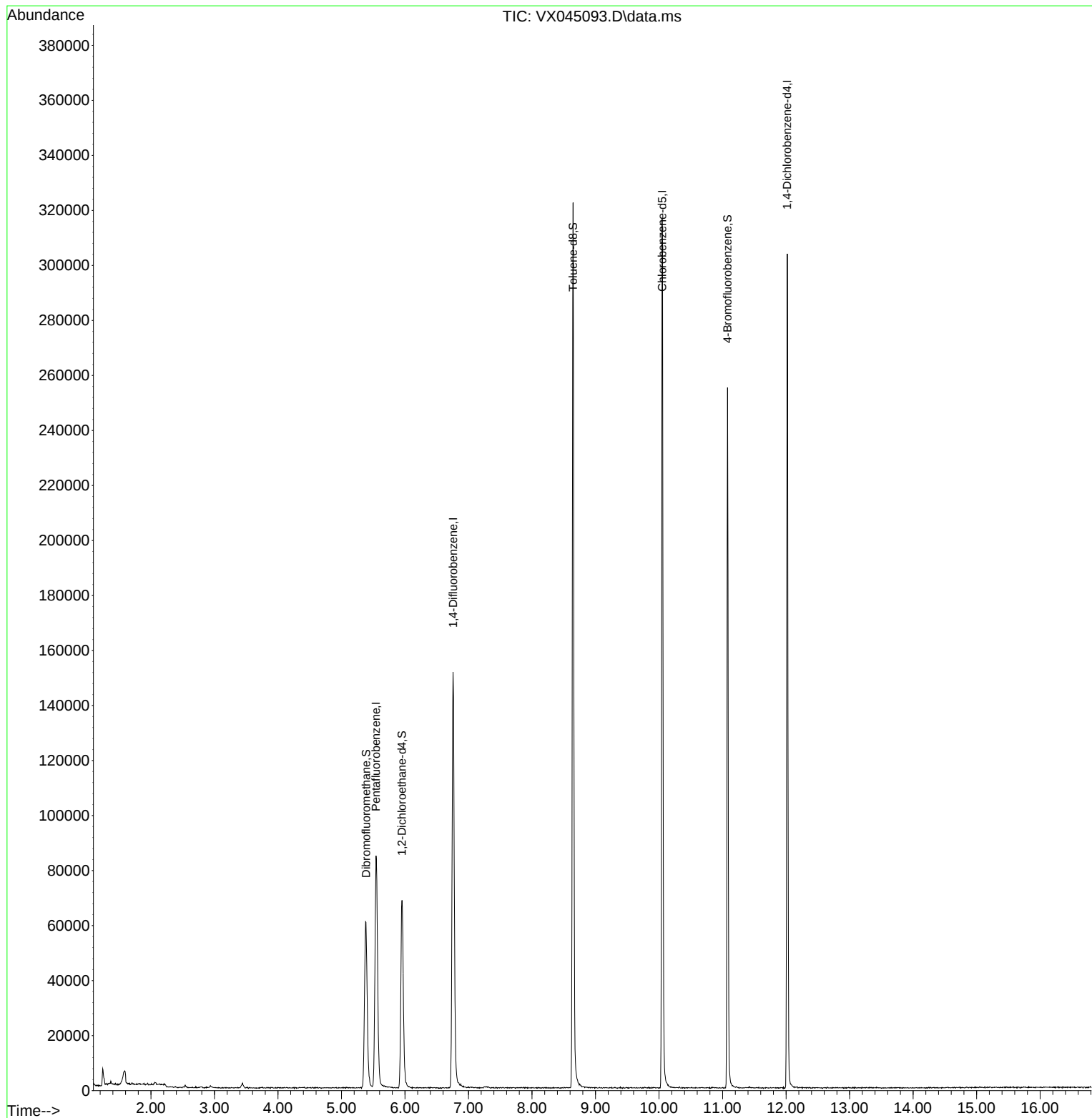
Target Compounds	Qvalue

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

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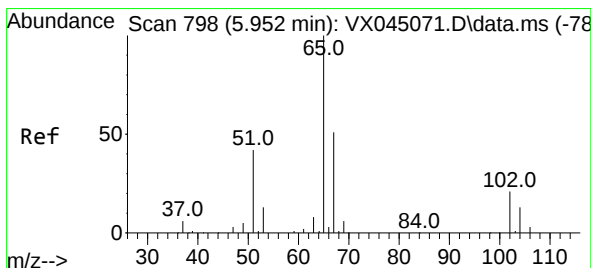
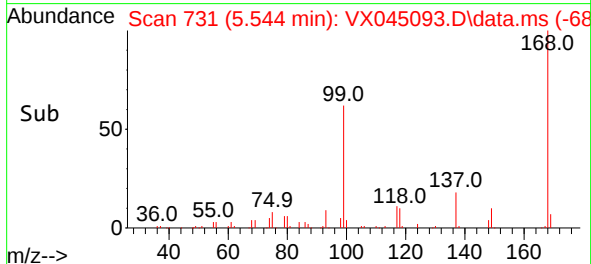
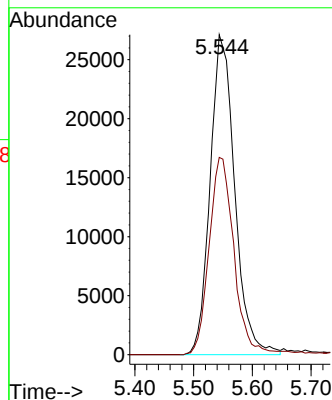
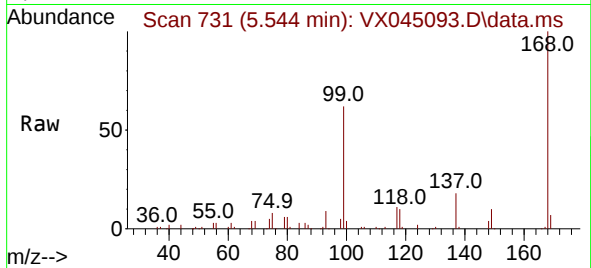




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045093.D
Acq: 28 Feb 2025 16:54

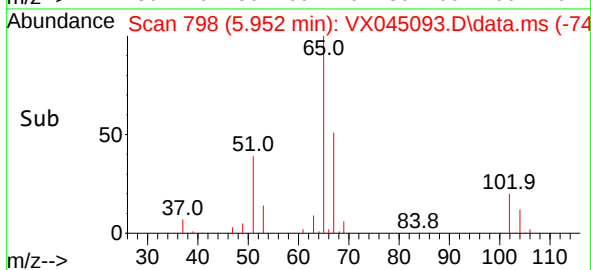
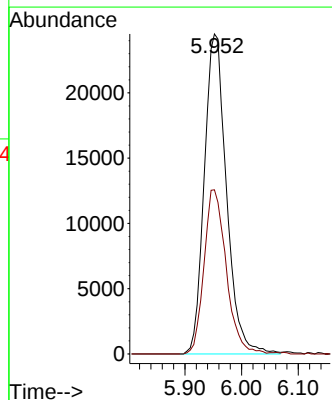
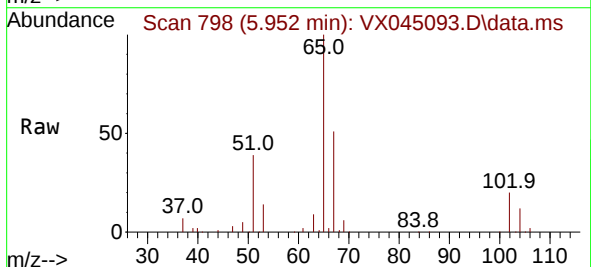
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

Tgt Ion:168 Resp: 78776
Ion Ratio Lower Upper
168 100
99 61.7 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 53.177 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045093.D
Acq: 28 Feb 2025 16:54

Tgt Ion: 65 Resp: 66633
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.2

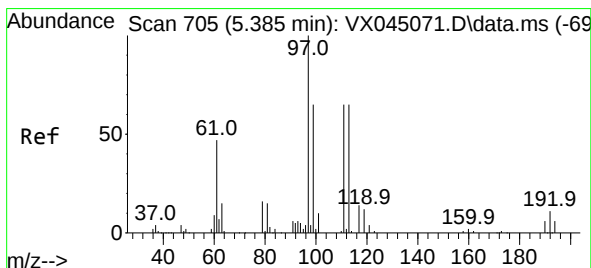
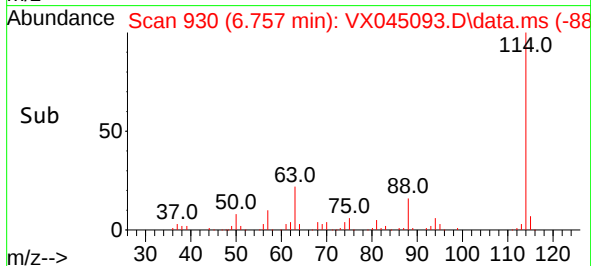
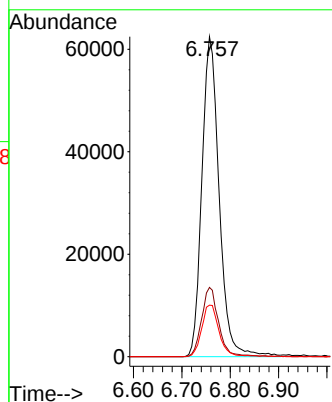
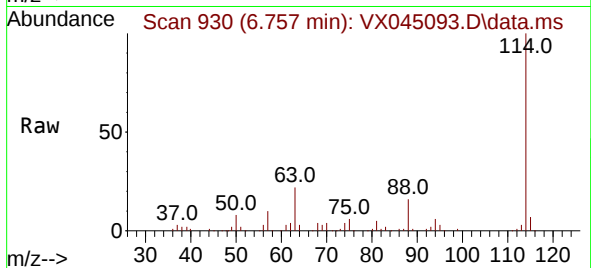




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045093.D
Acq: 28 Feb 2025 16:54

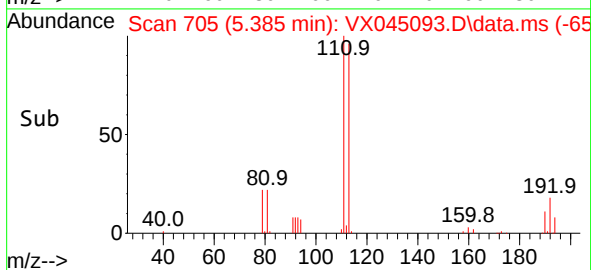
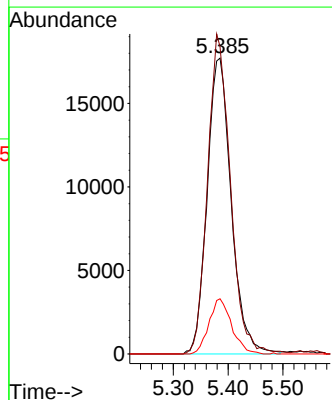
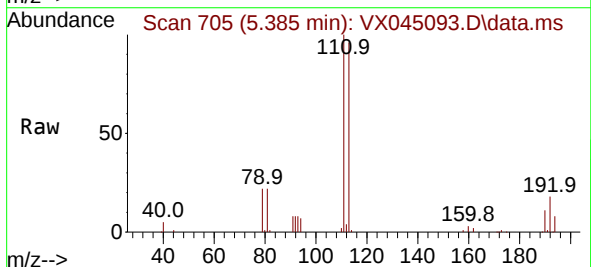
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

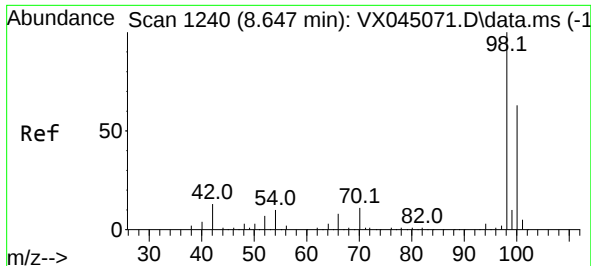
Tgt Ion:114 Resp: 154922
Ion Ratio Lower Upper
114 100
63 21.7 0.0 41.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.027 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045093.D
Acq: 28 Feb 2025 16:54

Tgt Ion:113 Resp: 53896
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.6
192 17.6 14.3 21.5

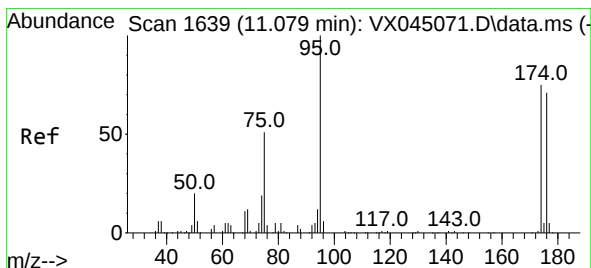
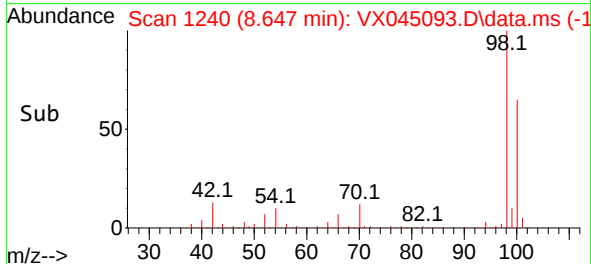
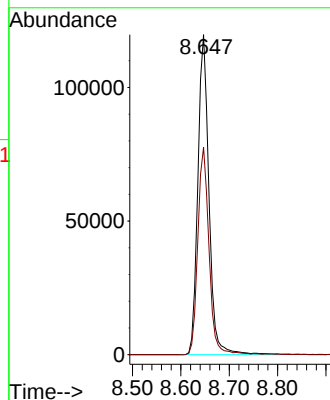
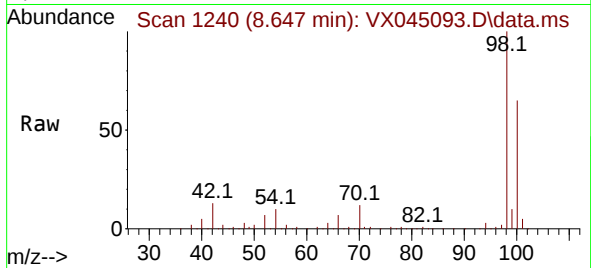




#50
Toluene-d8
Concen: 50.759 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045093.D
Acq: 28 Feb 2025 16:54

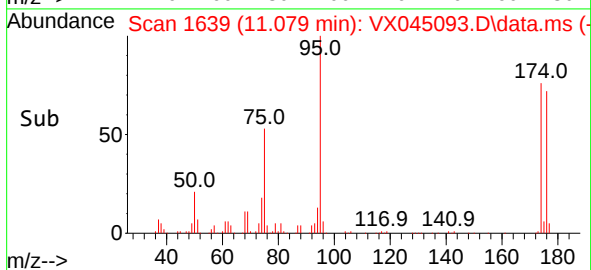
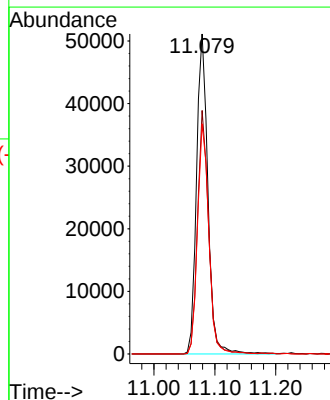
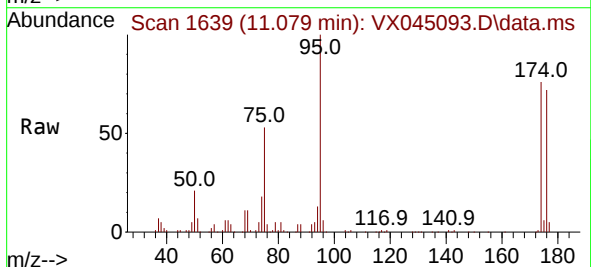
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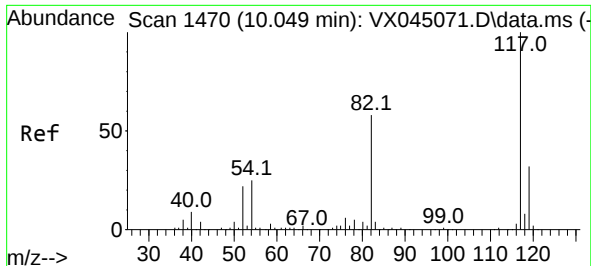
Tgt Ion: 98 Resp: 190629
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.993 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045093.D
Acq: 28 Feb 2025 16:54

Tgt Ion: 95 Resp: 65949
Ion Ratio Lower Upper
95 100
174 74.3 0.0 148.2
176 71.6 0.0 141.4

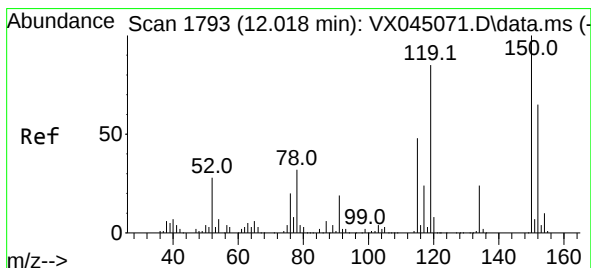
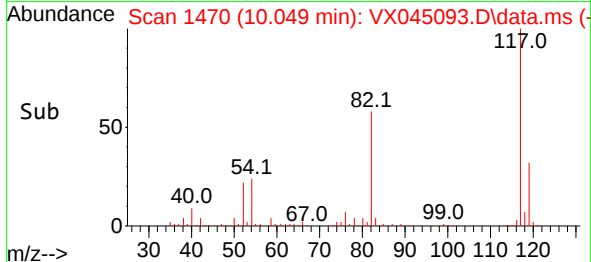
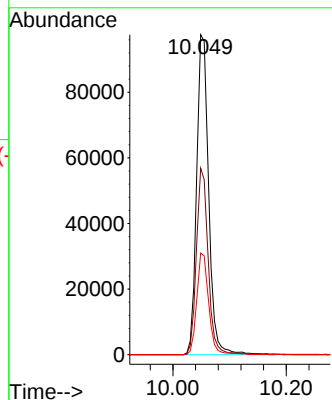
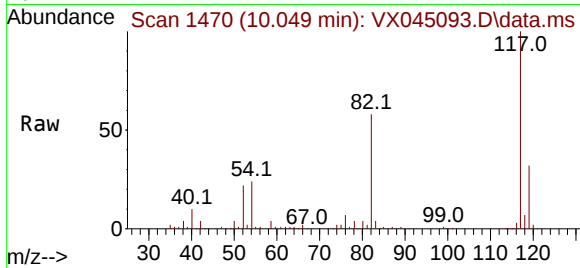




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045093.D
Acq: 28 Feb 2025 16:54

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

Tgt Ion:117 Resp: 143838
Ion Ratio Lower Upper
117 100
82 58.3 46.3 69.5
119 31.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045093.D
Acq: 28 Feb 2025 16:54

Tgt Ion:152 Resp: 59939
Ion Ratio Lower Upper
152 100
115 60.5 44.2 132.6
150 158.7 0.0 349.0

