

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022725\
 Data File : VX045064.D
 Acq On : 27 Feb 2025 15:42
 Operator : JC/MD
 Sample : Q1403-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Feb 28 00:44:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	42252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	109169	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	109488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	41094	66.442	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 132.880%#	
35) Dibromofluoromethane	5.385	113	37327	52.590	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.180%	
50) Toluene-d8	8.647	98	116925	43.564	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 87.120%	
62) 4-Bromofluorobenzene	11.079	95	47580	52.585	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.160%	

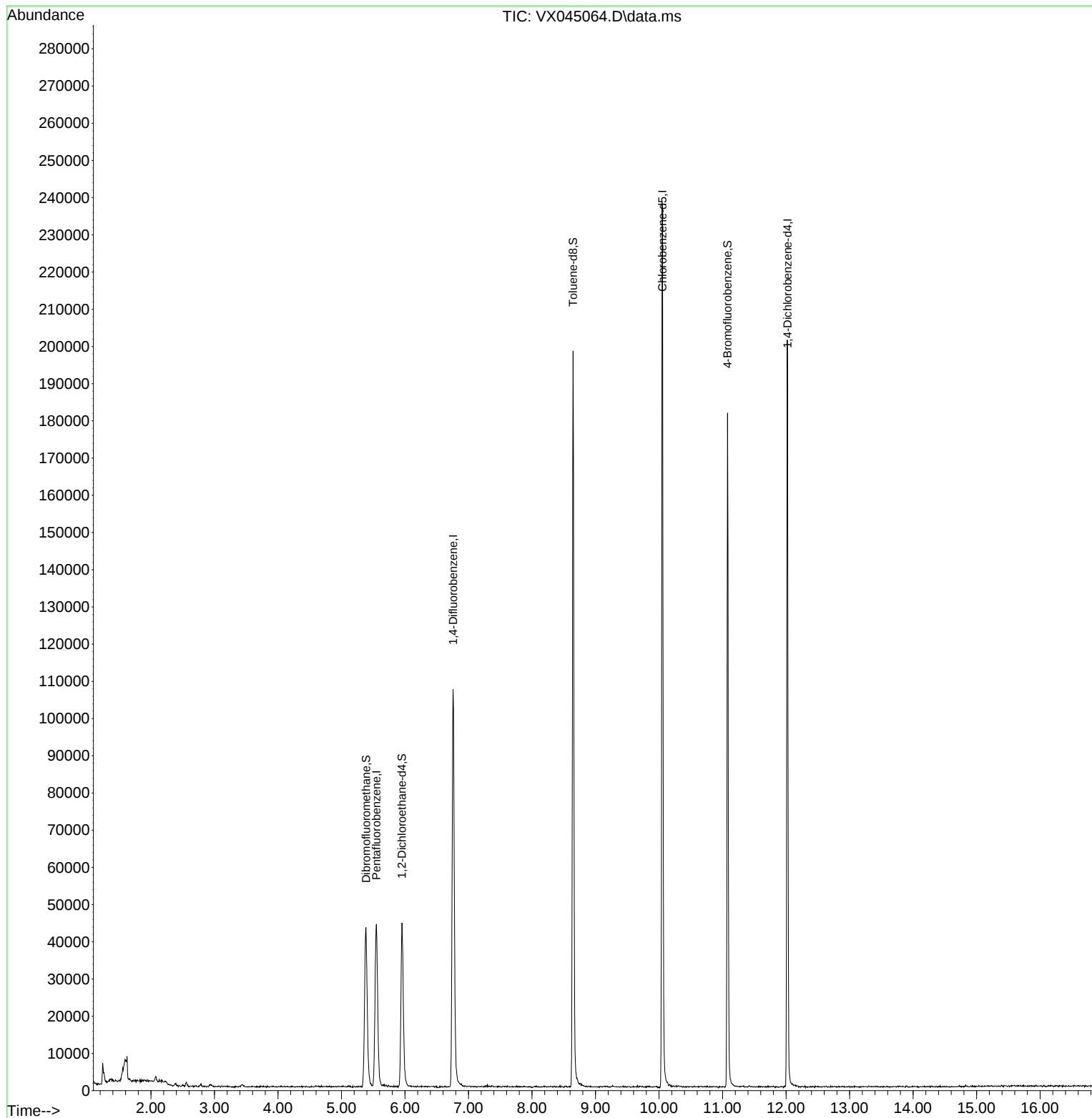
Target Compounds	Qvalue

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

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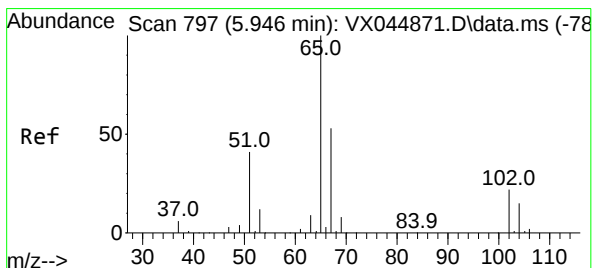
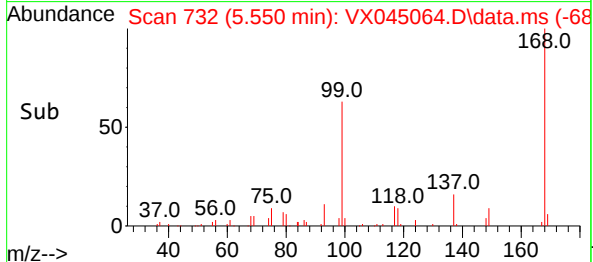
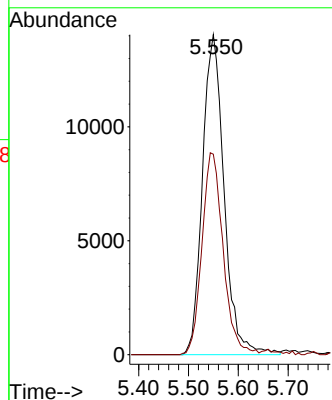
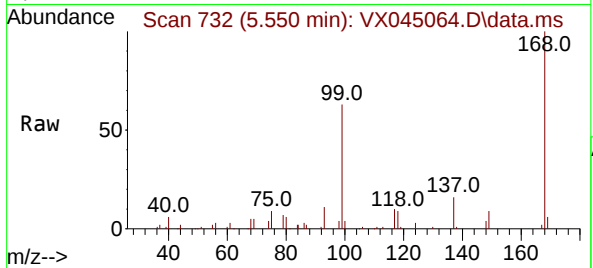




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX045064.D
Acq: 27 Feb 2025 15:42

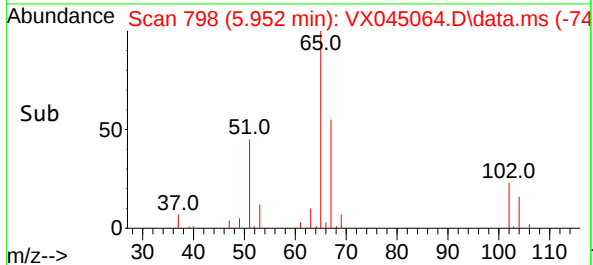
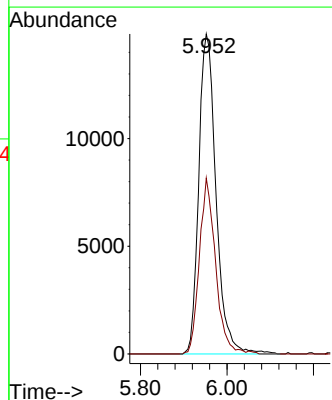
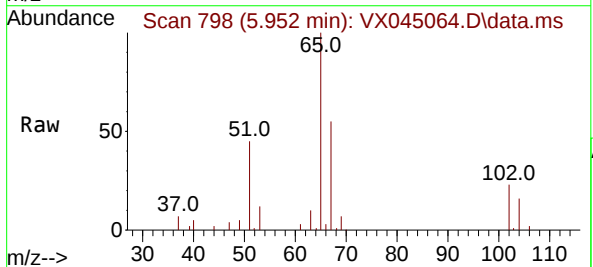
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

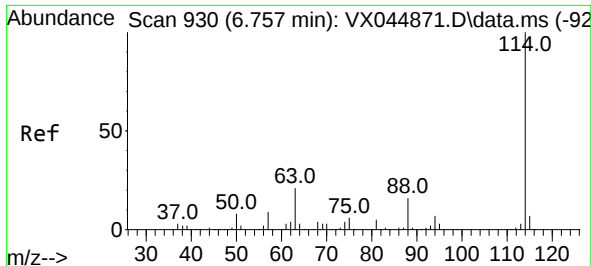
Tgt Ion:168 Resp: 42252
Ion Ratio Lower Upper
168 100
99 62.6 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 66.442 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX045064.D
Acq: 27 Feb 2025 15:42

Tgt Ion: 65 Resp: 41094
Ion Ratio Lower Upper
65 100
67 51.4 0.0 108.2

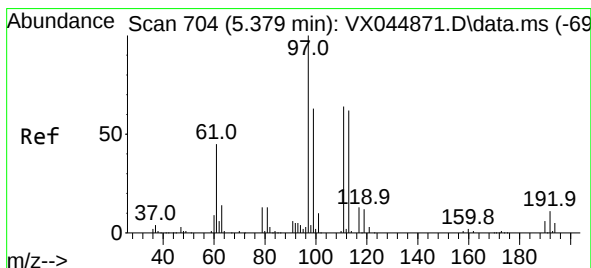
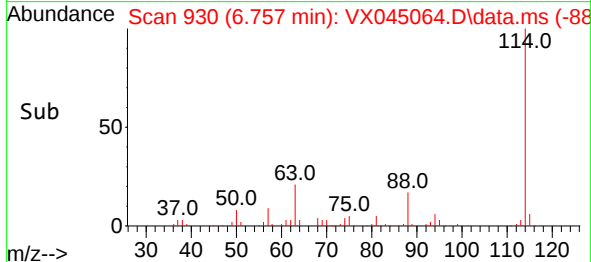
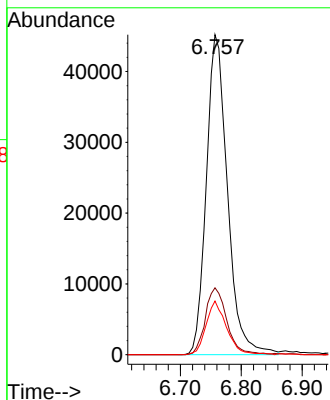
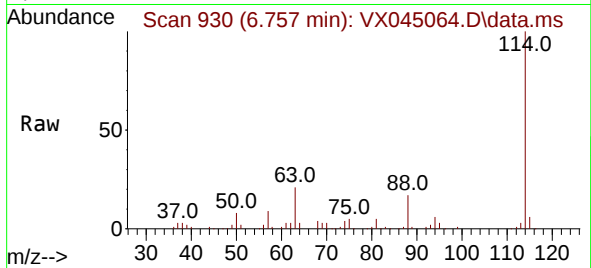




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX045064.D
 Acq: 27 Feb 2025 15:42

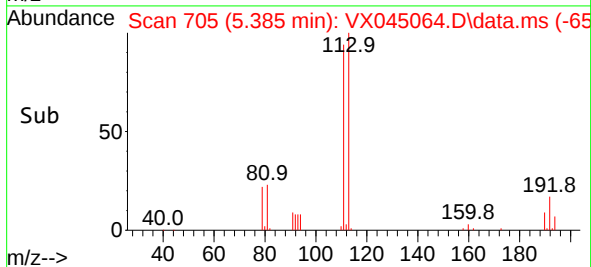
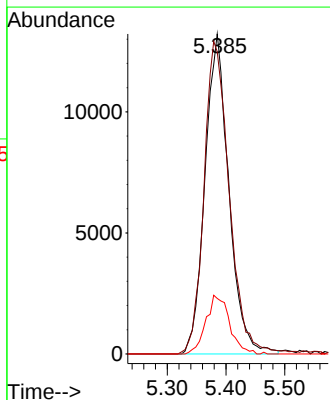
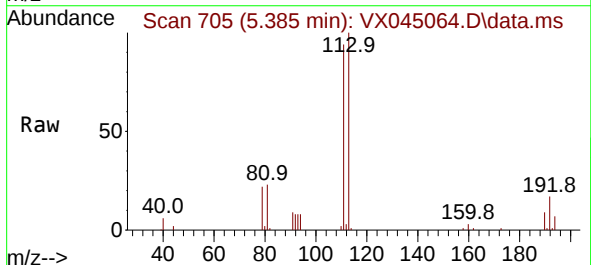
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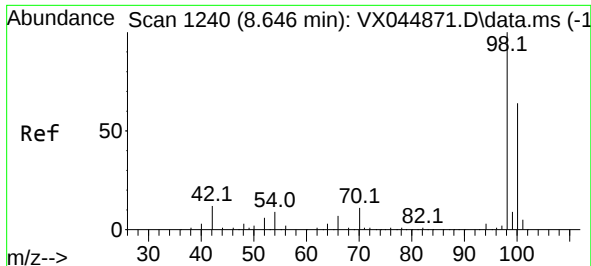
Tgt Ion:114 Resp: 109169
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.4
 88 16.8 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 52.590 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX045064.D
 Acq: 27 Feb 2025 15:42

Tgt Ion:113 Resp: 37327
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.5 125.3
 192 18.1 14.4 21.6

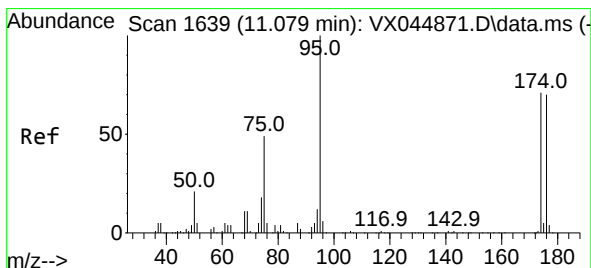
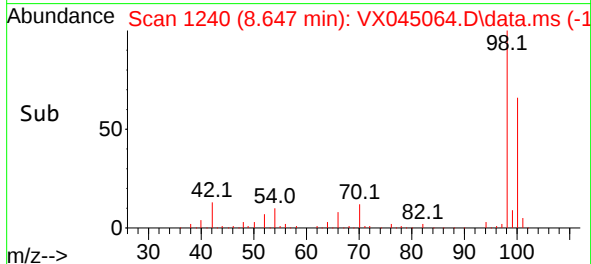
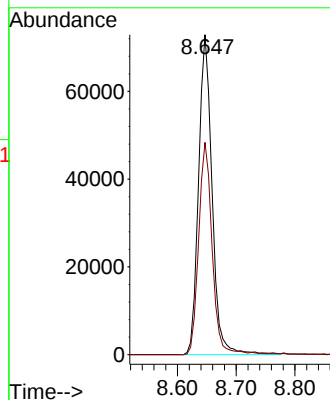
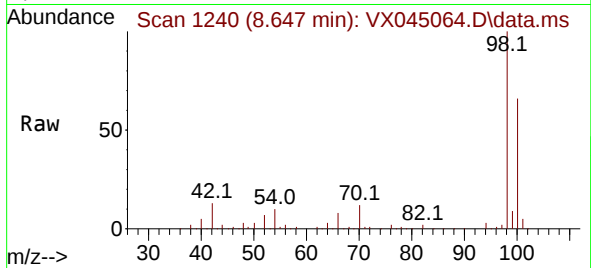




#50
Toluene-d8
Concen: 43.564 ug/l
RT: 8.647 min Scan# 116925
Delta R.T. 0.000 min
Lab File: VX045064.D
Acq: 27 Feb 2025 15:42

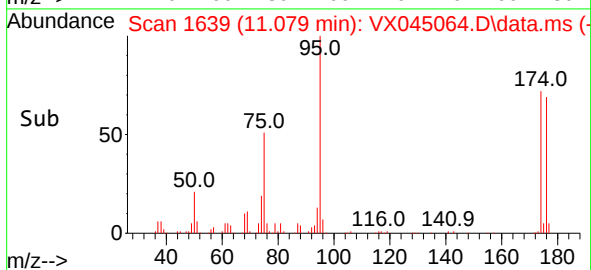
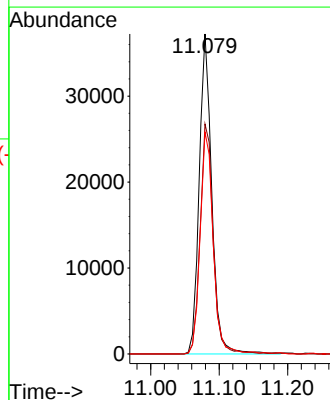
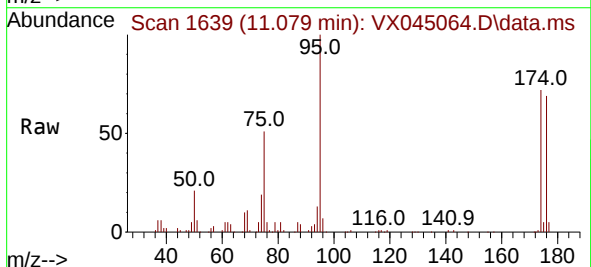
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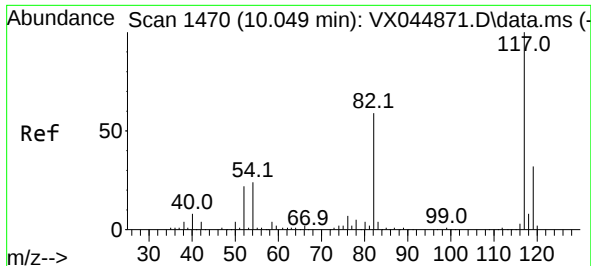
Tgt Ion: 98 Resp: 116925
Ion Ratio Lower Upper
98 100
100 66.2 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 52.585 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045064.D
Acq: 27 Feb 2025 15:42

Tgt Ion: 95 Resp: 47580
Ion Ratio Lower Upper
95 100
174 74.3 0.0 142.6
176 72.7 0.0 141.6

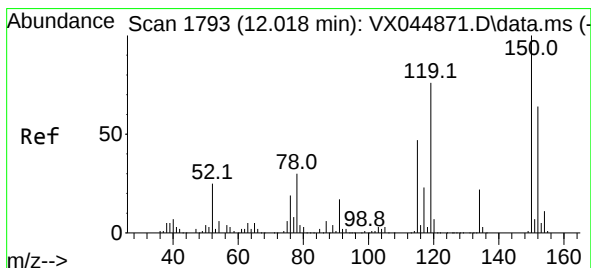
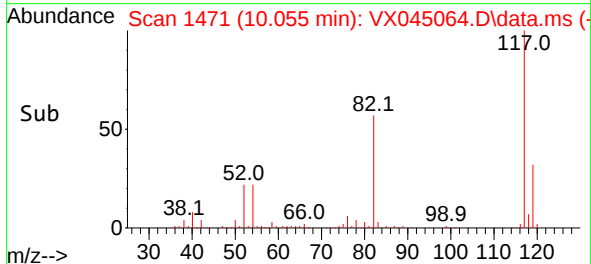
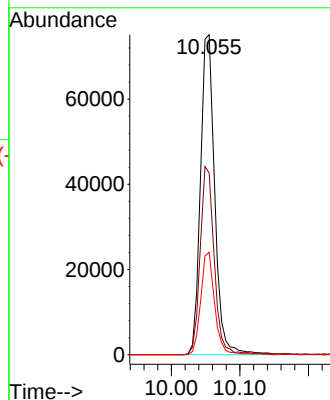
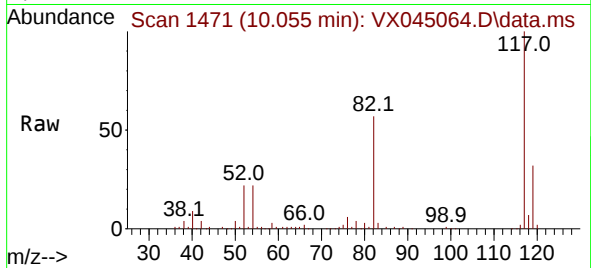




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045064.D
Acq: 27 Feb 2025 15:42

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

Tgt Ion:117 Resp: 109488
Ion Ratio Lower Upper
117 100
82 56.8 47.5 71.3
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX045064.D
Acq: 27 Feb 2025 15:42

Tgt Ion:152 Resp: 41224
Ion Ratio Lower Upper
152 100
115 60.9 43.4 130.1
150 158.2 0.0 350.4

