

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
 Data File : VX044944.D
 Acq On : 12 Feb 2025 19:25
 Operator : JC/MD
 Sample : Q1356-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WATER-B

Quant Time: Feb 13 00:54:36 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	5.544	168	86922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	176501	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	161108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67066	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	70371	55.307	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.620%
35) Dibromofluoromethane	5.379	113	59152	51.546	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.100%
50) Toluene-d8	8.647	98	218785	50.419	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.840%
62) 4-Bromofluorobenzene	11.079	95	76089	52.013	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.020%

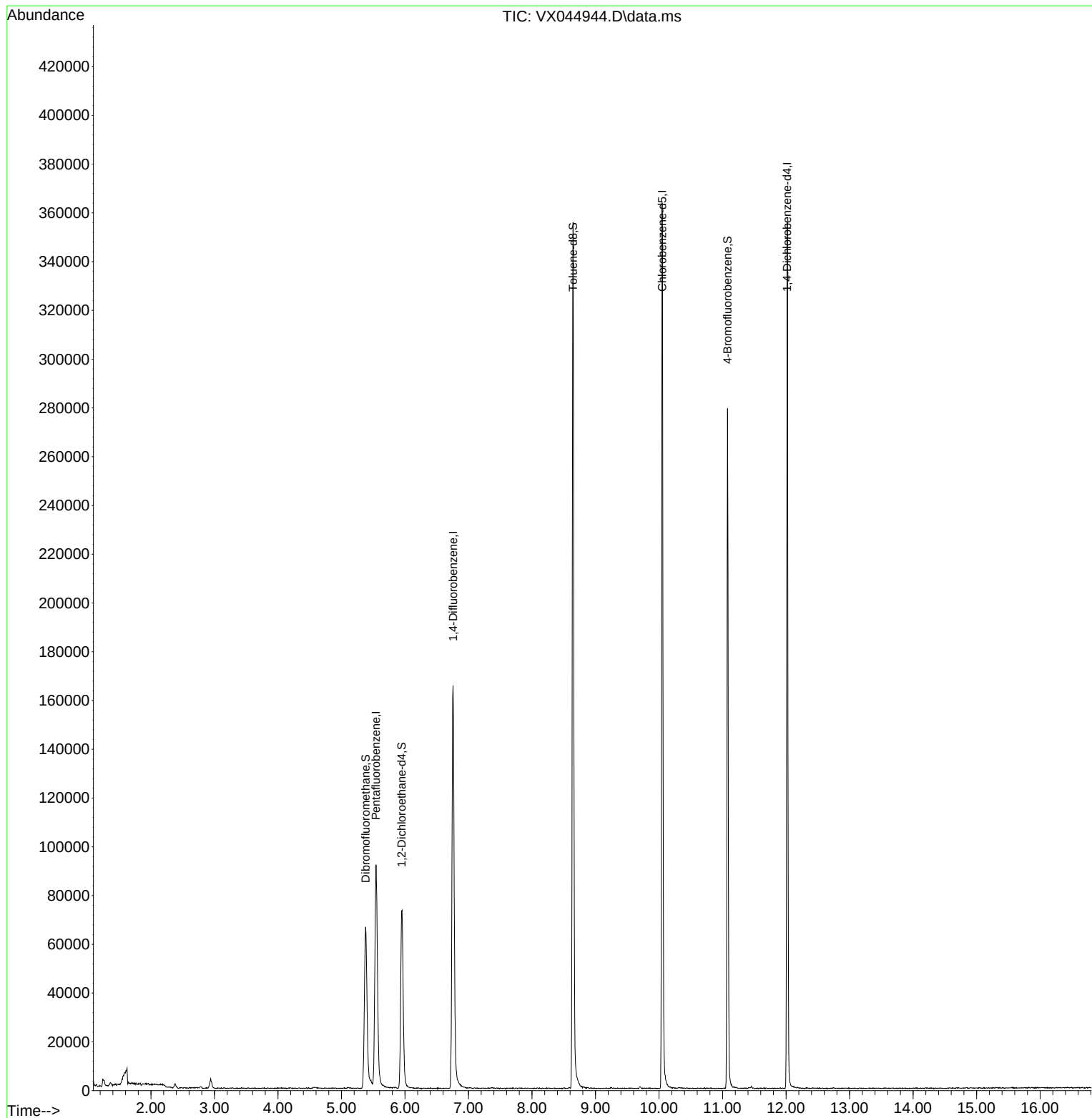
Target Compounds	Qvalue

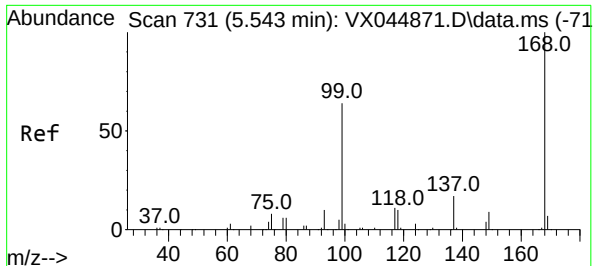
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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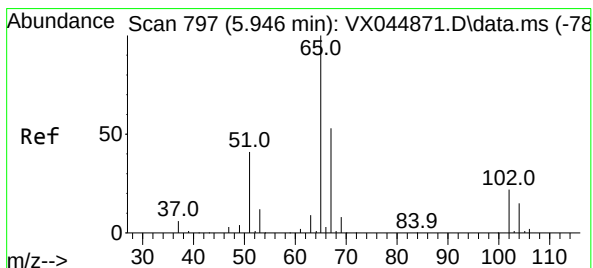
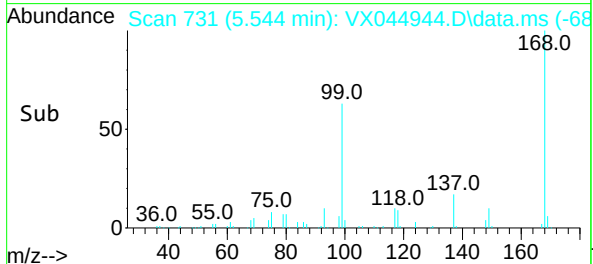
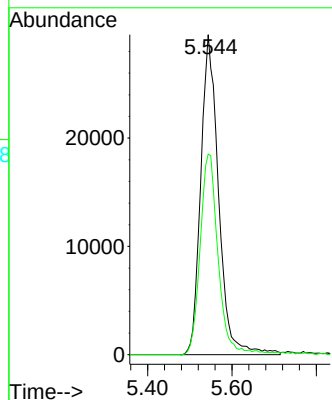
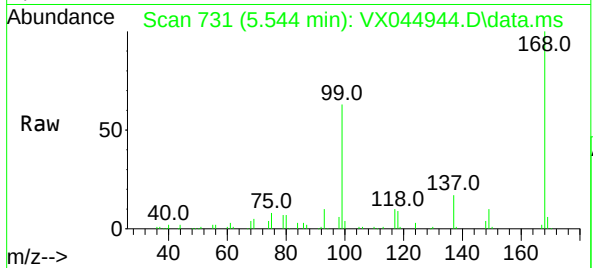




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044944.D
Acq: 12 Feb 2025 19:25

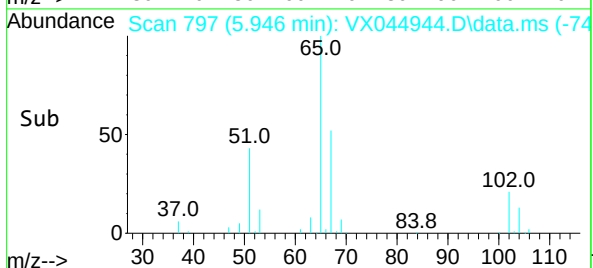
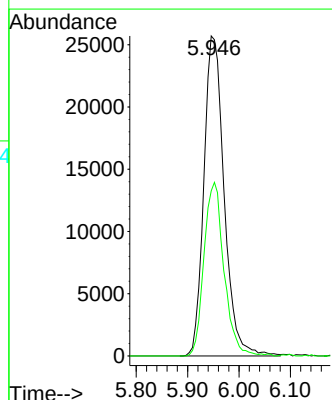
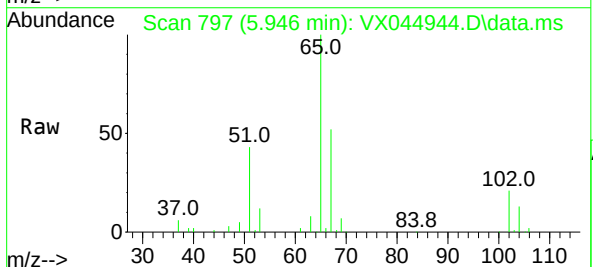
Instrument :
MSVOA_X
ClientSampleId :
WATER-B

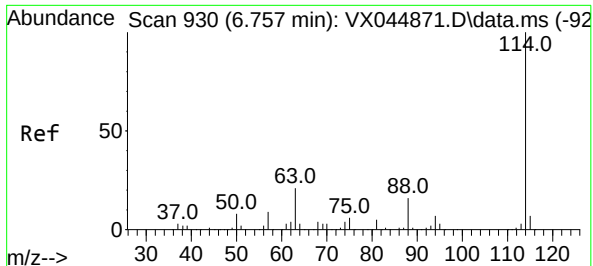
Tgt Ion:168 Resp: 86922
Ion Ratio Lower Upper
168 100
99 62.7 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 55.307 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044944.D
Acq: 12 Feb 2025 19:25

Tgt Ion: 65 Resp: 70371
Ion Ratio Lower Upper
65 100
67 53.3 0.0 108.2

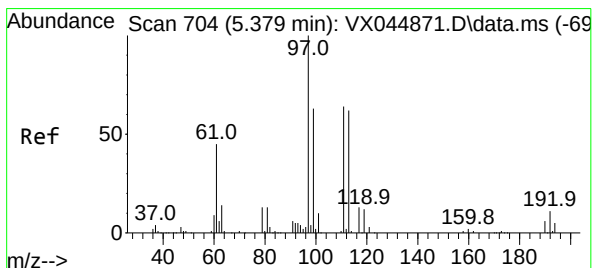
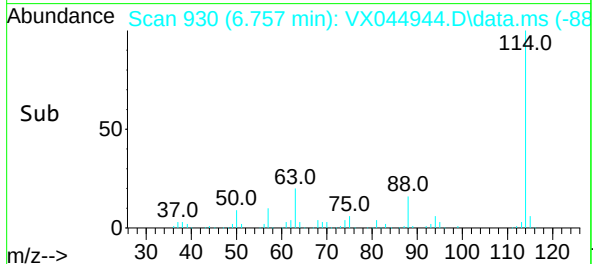
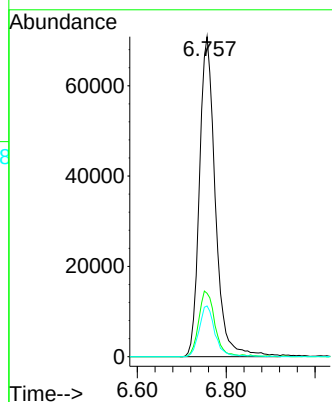
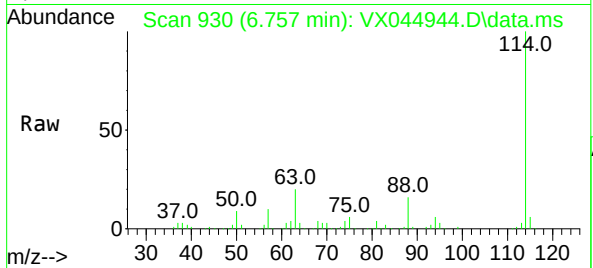




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044944.D
Acq: 12 Feb 2025 19:25

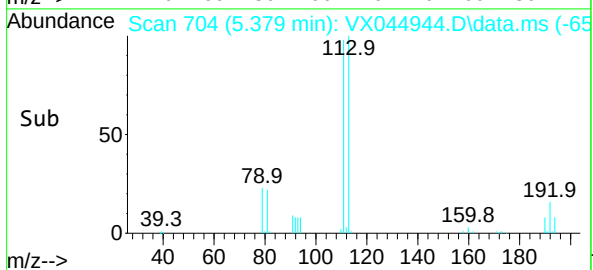
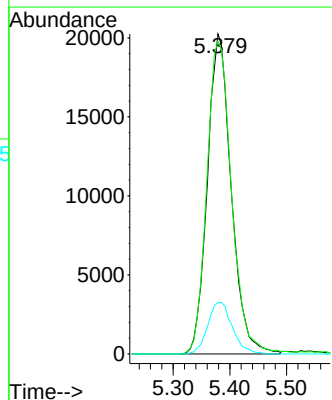
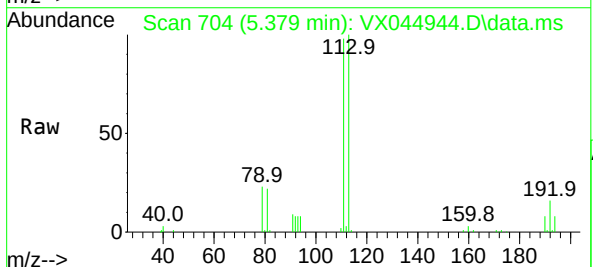
Instrument :
MSVOA_X
ClientSampleId :
WATER-B

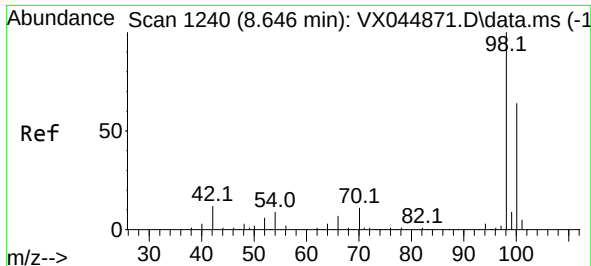
Tgt Ion:114 Resp: 176501
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.4
88 15.9 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.546 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044944.D
Acq: 12 Feb 2025 19:25

Tgt Ion:113 Resp: 59152
Ion Ratio Lower Upper
113 100
111 101.7 83.5 125.3
192 16.7 14.4 21.6

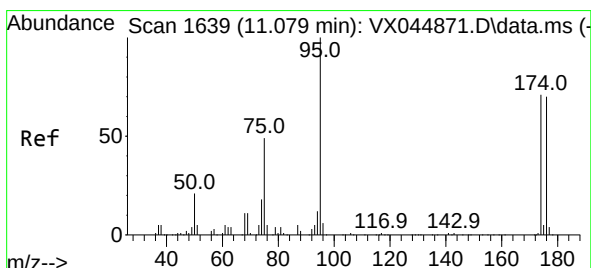
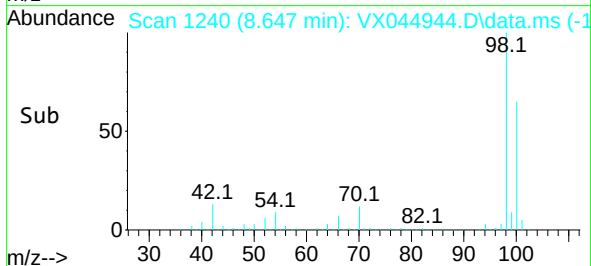
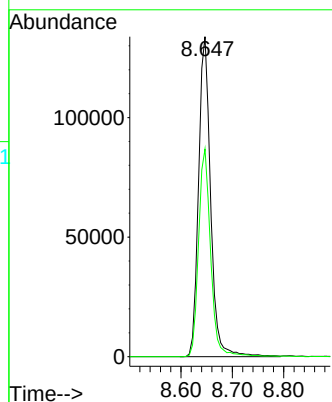
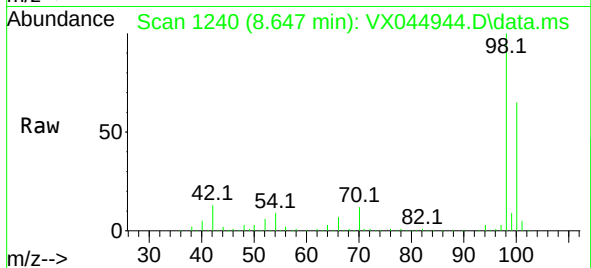




#50
Toluene-d8
Concen: 50.419 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044944.D
Acq: 12 Feb 2025 19:25

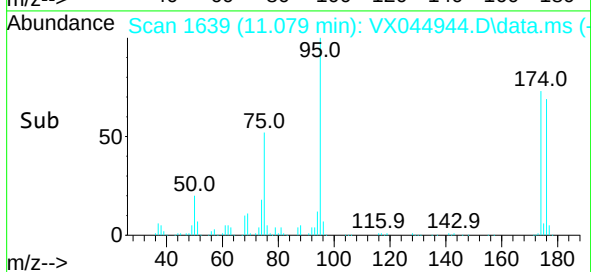
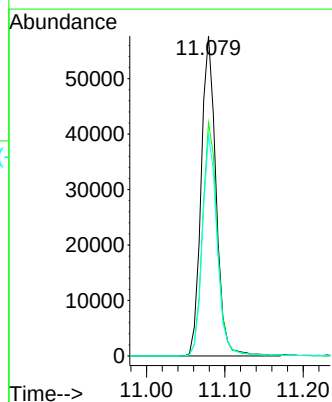
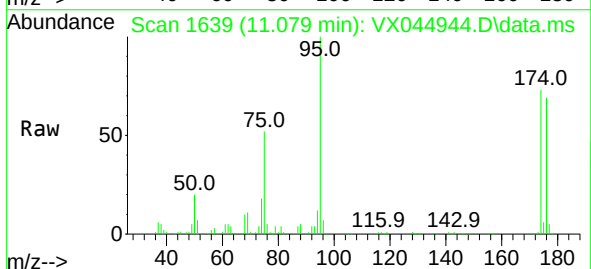
Instrument :
MSVOA_X
ClientSampleId :
WATER-B

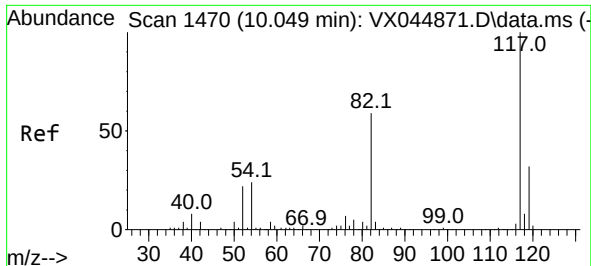
Tgt Ion: 98 Resp: 218785
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 52.013 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044944.D
Acq: 12 Feb 2025 19:25

Tgt Ion: 95 Resp: 76089
Ion Ratio Lower Upper
95 100
174 72.8 0.0 142.6
176 69.1 0.0 141.6

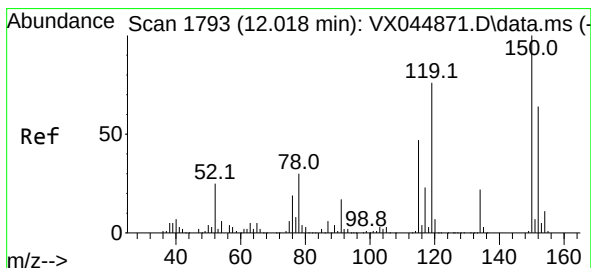
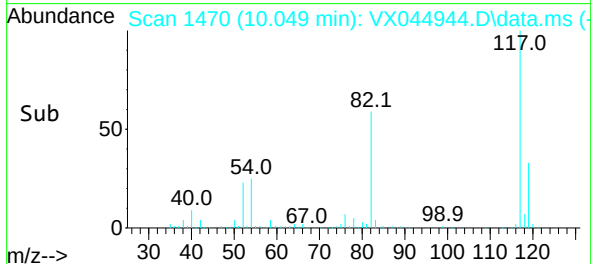
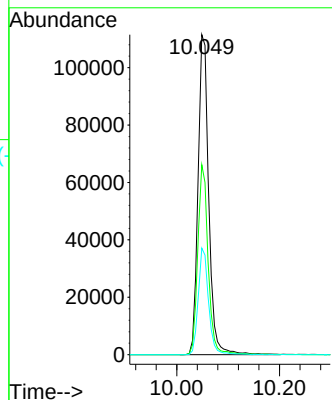
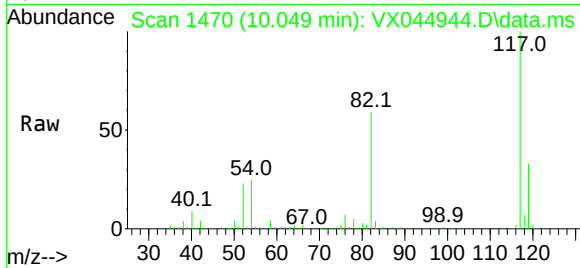




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044944.D
Acq: 12 Feb 2025 19:25

Instrument :
MSVOA_X
ClientSampleId :
WATER-B

Tgt Ion:117 Resp: 161108
Ion Ratio Lower Upper
117 100
82 59.3 47.5 71.3
119 33.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044944.D
Acq: 12 Feb 2025 19:25

Tgt Ion:152 Resp: 67066
Ion Ratio Lower Upper
152 100
115 62.0 43.4 130.1
150 159.4 0.0 350.4

