

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021425\
 Data File : VX044950.D
 Acq On : 14 Feb 2025 10:51
 Operator : JC/MD
 Sample : VX0214WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBL01

Quant Time: Feb 14 22:11:37 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	79162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	161000	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	145614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	63986	55.218	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.440%	
35) Dibromofluoromethane	5.379	113	54109	51.691	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.380%	
50) Toluene-d8	8.647	98	200707	50.706	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.420%	
62) 4-Bromofluorobenzene	11.079	95	67459	50.553	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.100%	

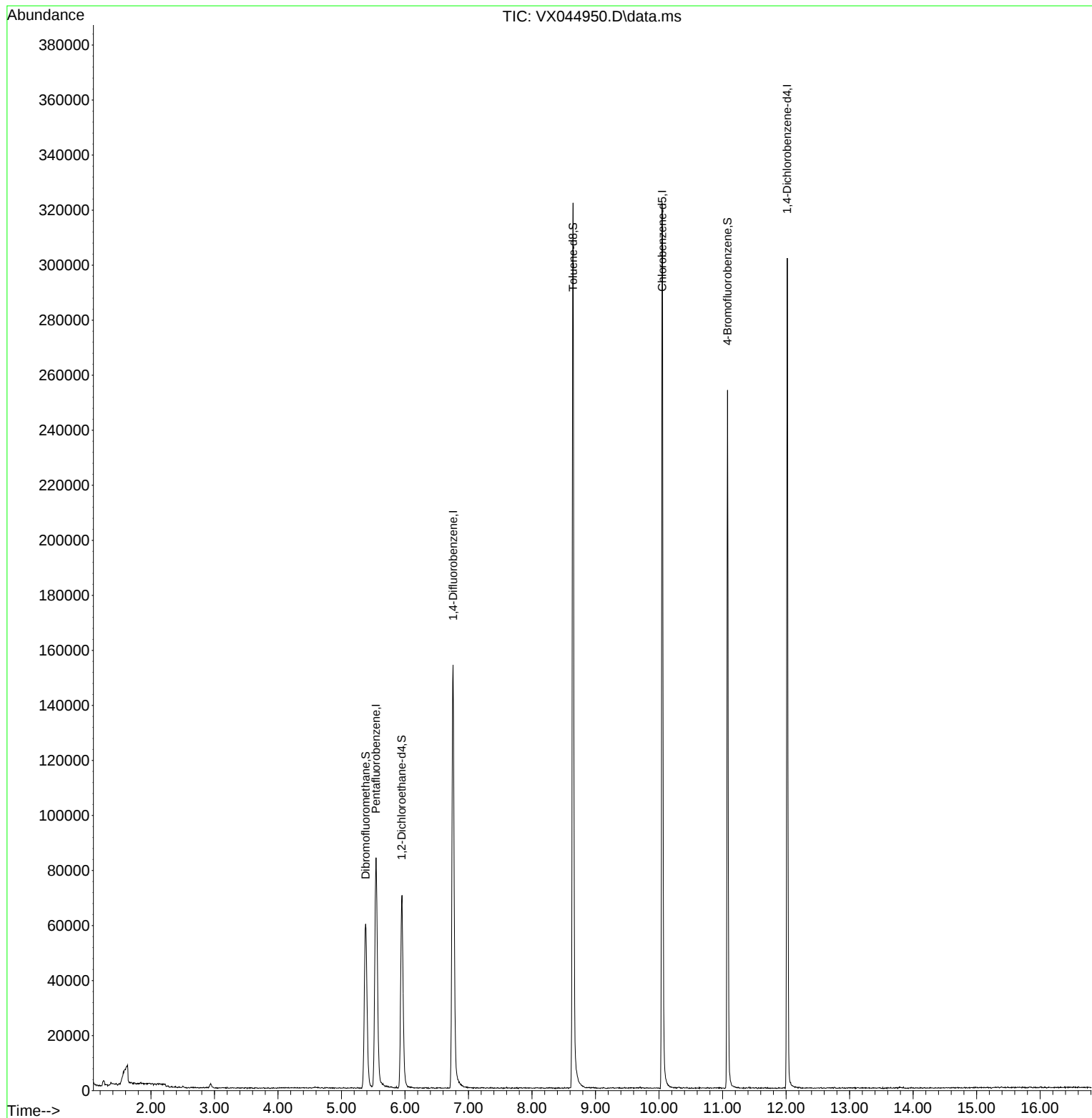
Target Compounds	Qvalue

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

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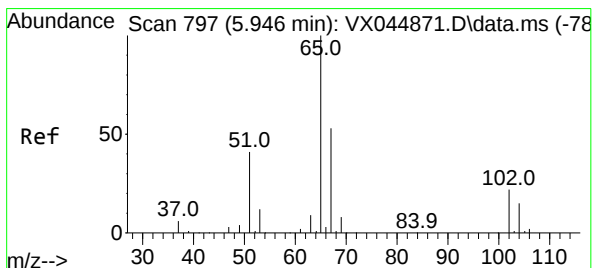
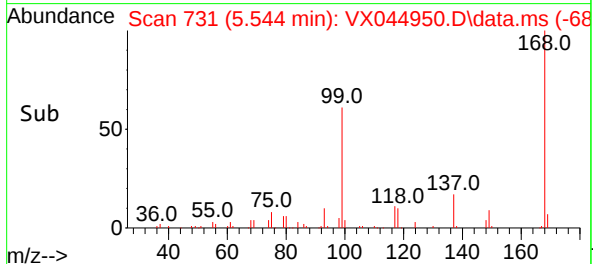
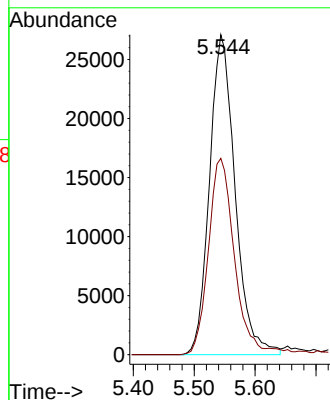
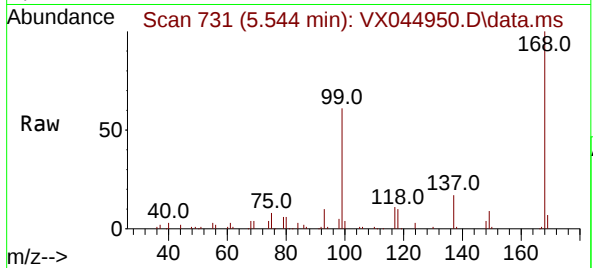




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.001 min
Lab File: VX044950.D
Acq: 14 Feb 2025 10:51

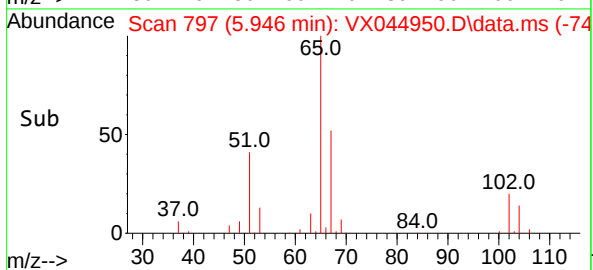
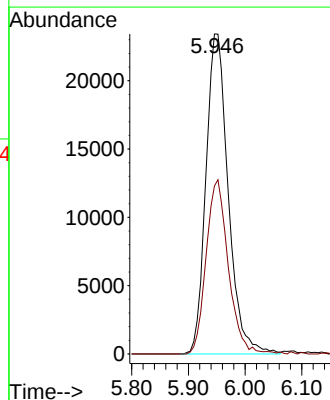
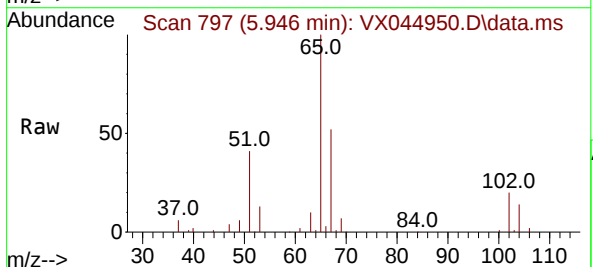
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBL01

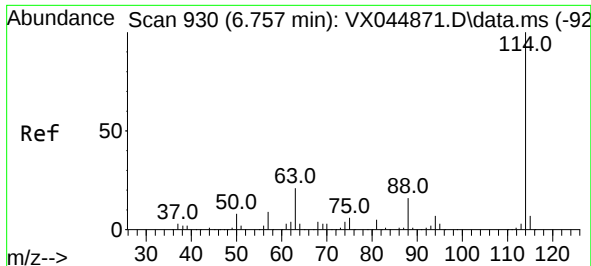
Tgt Ion:168 Resp: 79162
Ion Ratio Lower Upper
168 100
99 61.3 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 55.218 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044950.D
Acq: 14 Feb 2025 10:51

Tgt Ion: 65 Resp: 63986
Ion Ratio Lower Upper
65 100
67 54.3 0.0 108.2

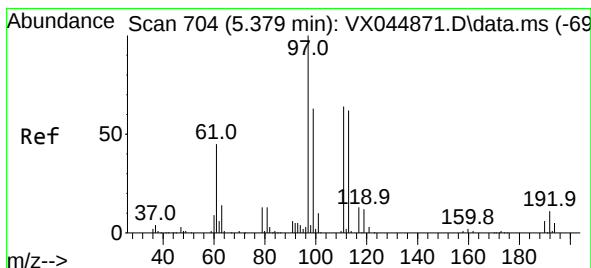
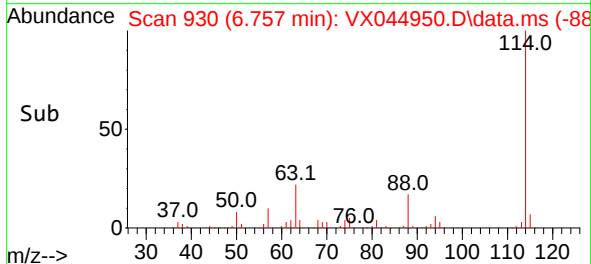
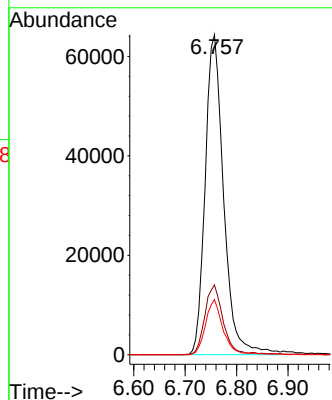
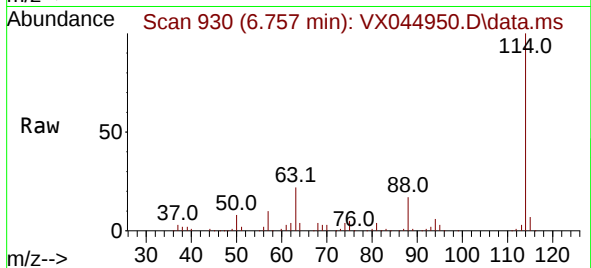




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044950.D
Acq: 14 Feb 2025 10:51

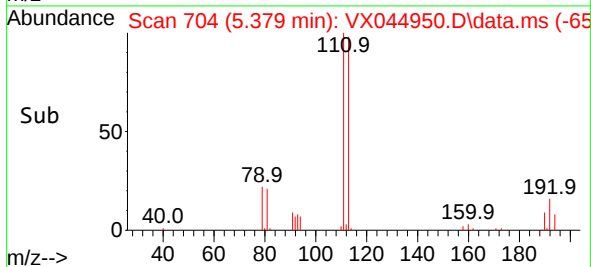
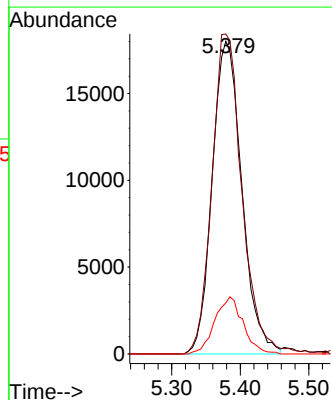
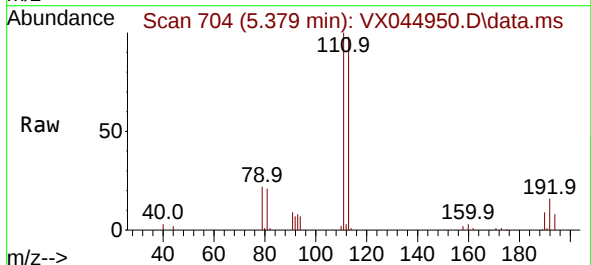
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBL01

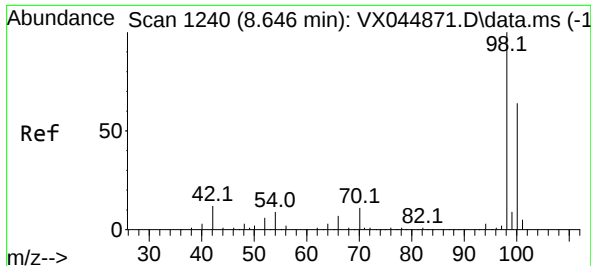
Tgt Ion:114 Resp: 161000
Ion Ratio Lower Upper
114 100
63 21.8 0.0 42.4
88 17.2 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.691 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044950.D
Acq: 14 Feb 2025 10:51

Tgt Ion:113 Resp: 54109
Ion Ratio Lower Upper
113 100
111 103.6 83.5 125.3
192 17.5 14.4 21.6

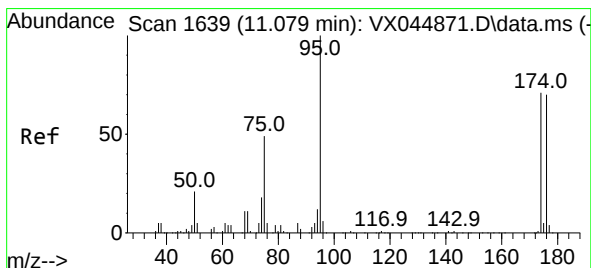
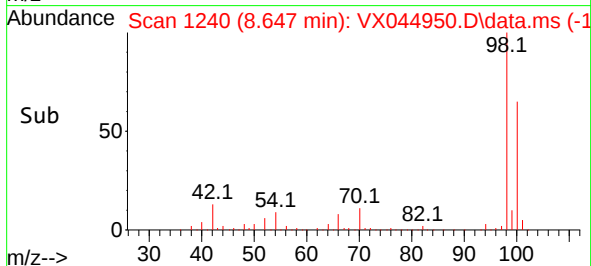
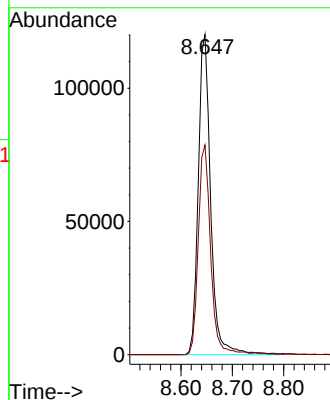
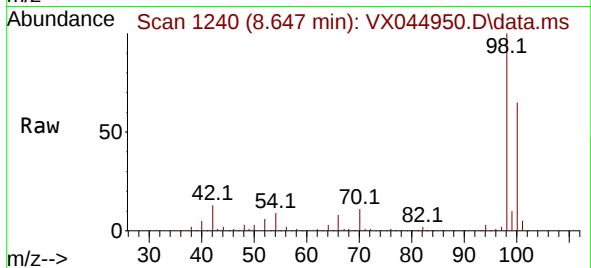




#50
Toluene-d8
Concen: 50.706 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044950.D
Acq: 14 Feb 2025 10:51

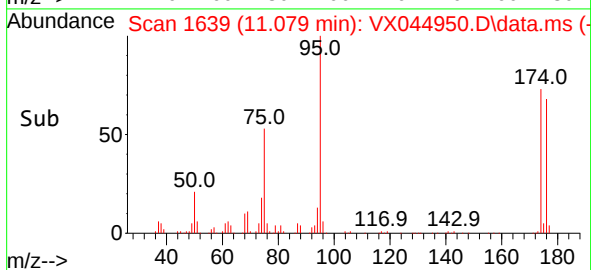
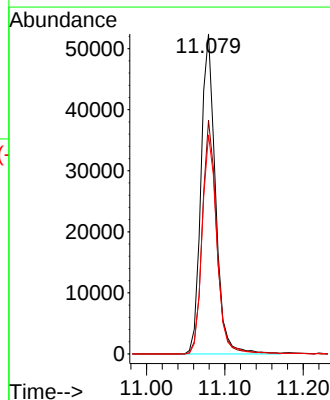
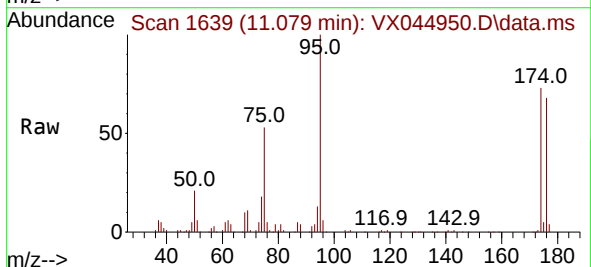
Instrument :
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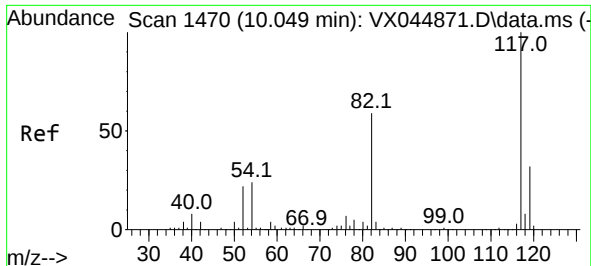
Tgt Ion: 98 Resp: 200707
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 50.553 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044950.D
Acq: 14 Feb 2025 10:51

Tgt Ion: 95 Resp: 67459
Ion Ratio Lower Upper
95 100
174 72.3 0.0 142.6
176 69.9 0.0 141.6

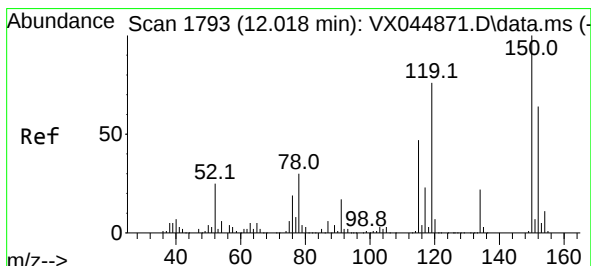
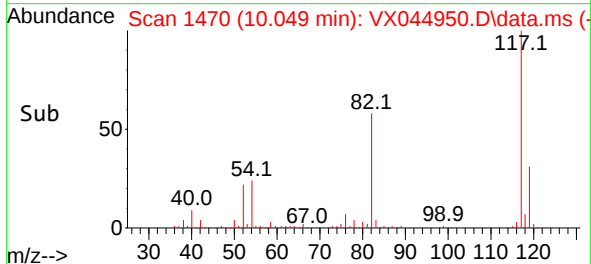
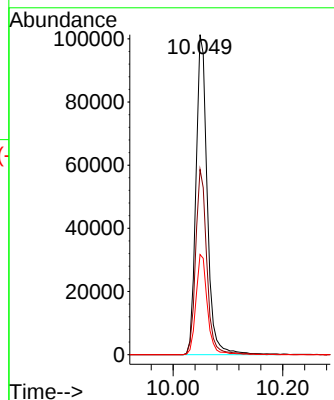
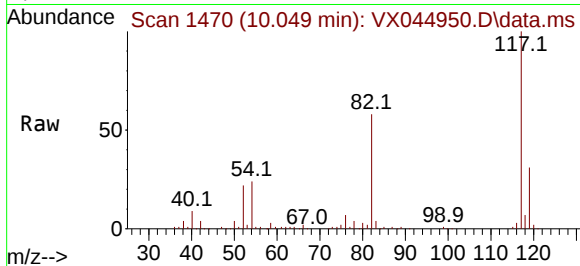




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044950.D
Acq: 14 Feb 2025 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBL01

Tgt Ion:117 Resp: 145614
Ion Ratio Lower Upper
117 100
82 57.9 47.5 71.3
119 31.3 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: VX044950.D
Acq: 14 Feb 2025 10:51

Tgt Ion:152 Resp: 59196
Ion Ratio Lower Upper
152 100
115 62.1 43.4 130.1
150 156.7 0.0 350.4

