

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
 Data File : VX044908.D
 Acq On : 11 Feb 2025 16:01
 Operator : JC/MD
 Sample : Q1349-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP-1-PERMIT

Quant Time: Feb 12 02:44:14 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	90145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	184322	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	170618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	74622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	72019	54.578	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.160%	
35) Dibromofluoromethane	5.379	113	60346	50.355	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.720%	
50) Toluene-d8	8.647	98	231142	51.006	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.020%	
62) 4-Bromofluorobenzene	11.079	95	80579	52.745	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.480%	

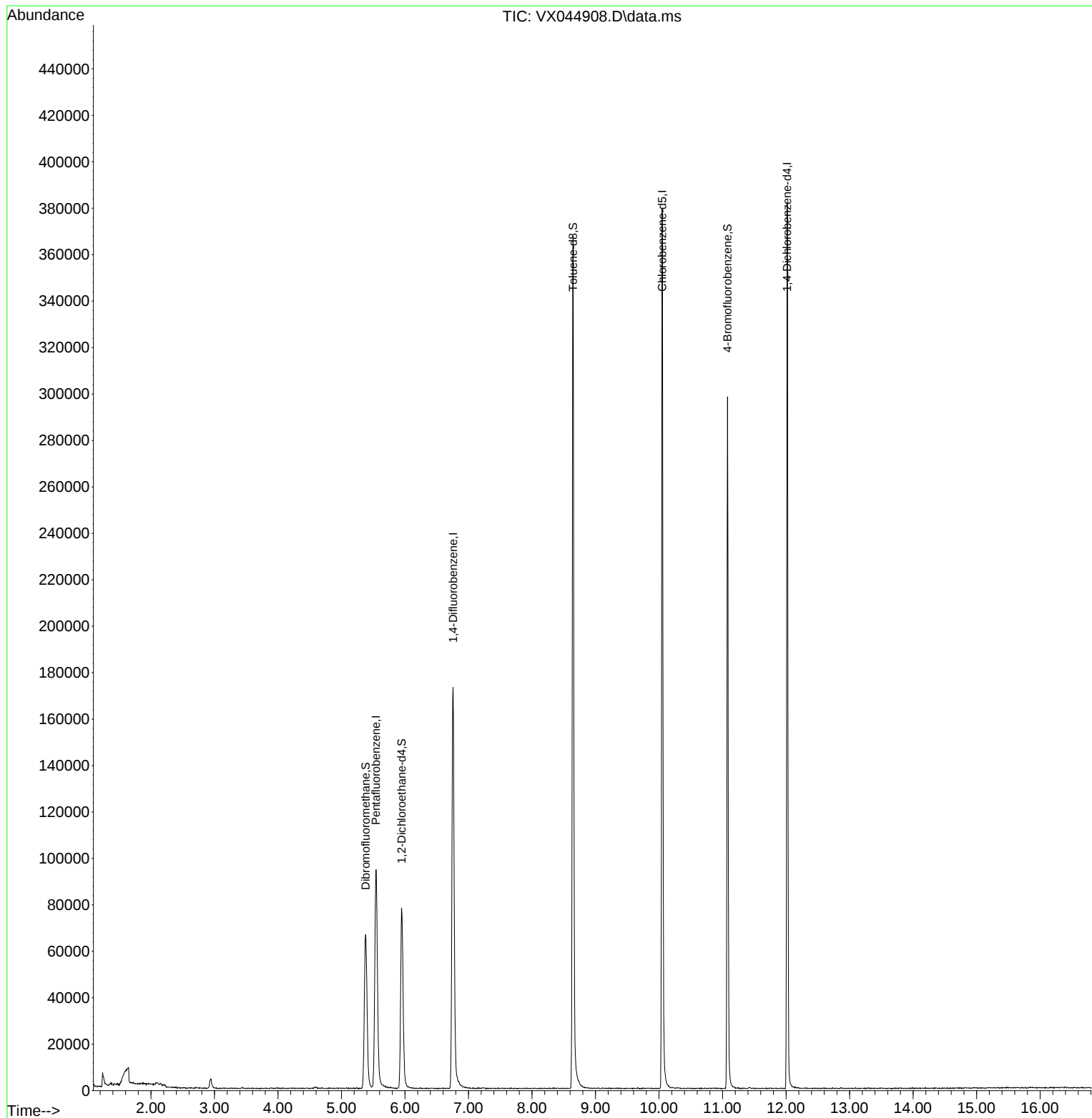
Target Compounds	Qvalue

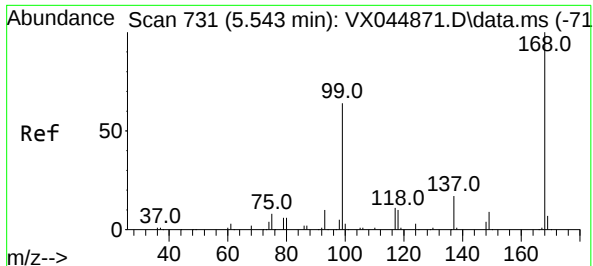
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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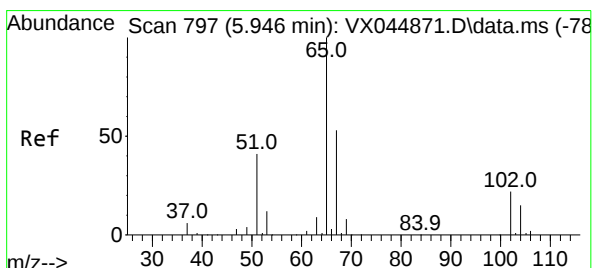
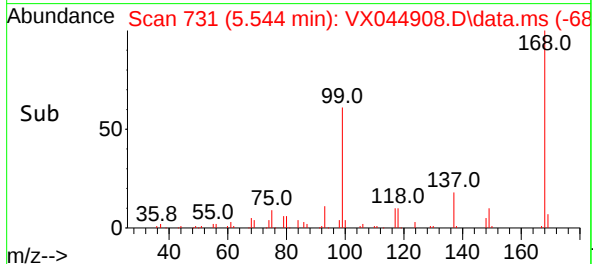
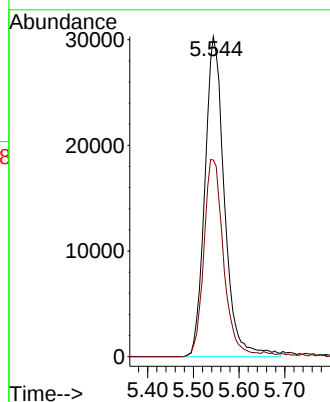
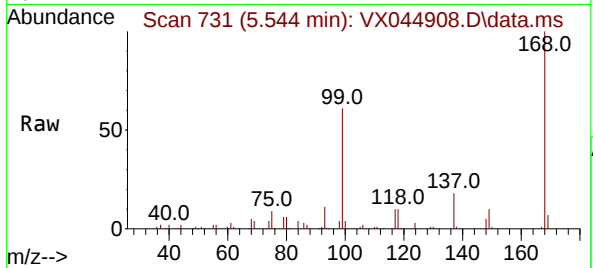




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.001 min
Lab File: VX044908.D
Acq: 11 Feb 2025 16:01

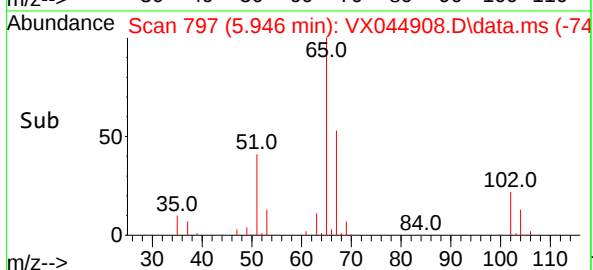
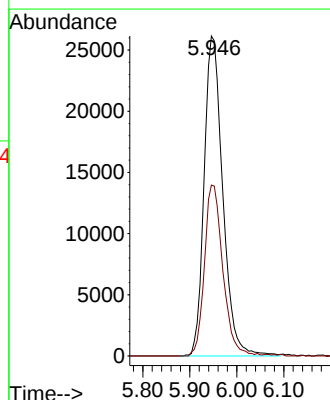
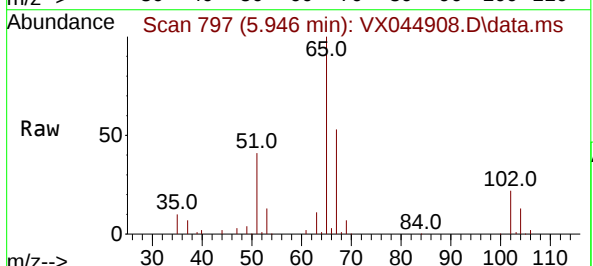
Instrument :
MSVOA_X
ClientSampleId :
TWP-1-PERMIT

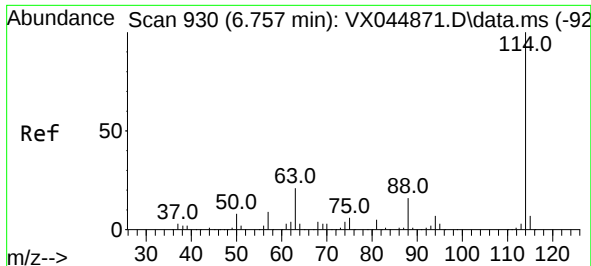
Tgt Ion:168 Resp: 90145
Ion Ratio Lower Upper
168 100
99 61.4 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 54.578 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044908.D
Acq: 11 Feb 2025 16:01

Tgt Ion: 65 Resp: 72019
Ion Ratio Lower Upper
65 100
67 52.7 0.0 108.2

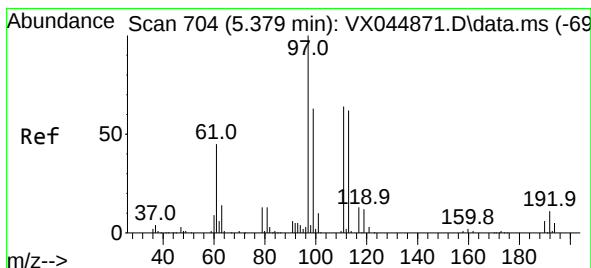
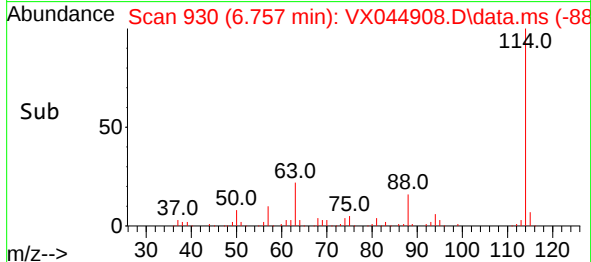
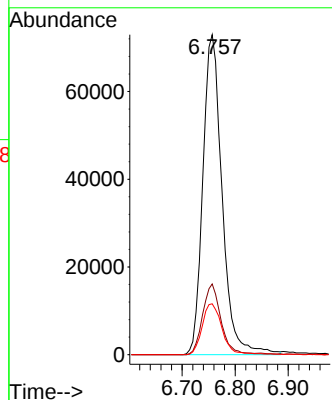
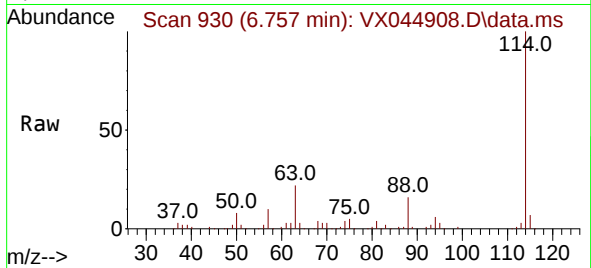




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX044908.D
Acq: 11 Feb 2025 16:01

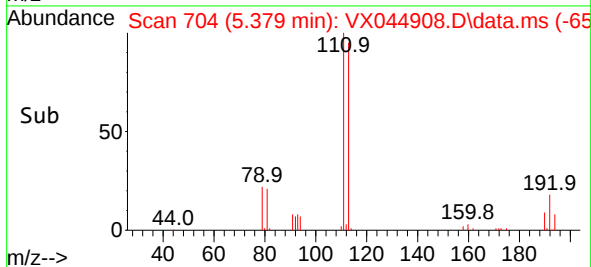
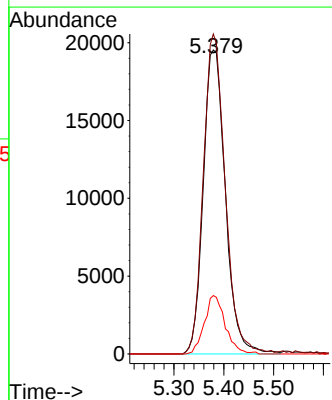
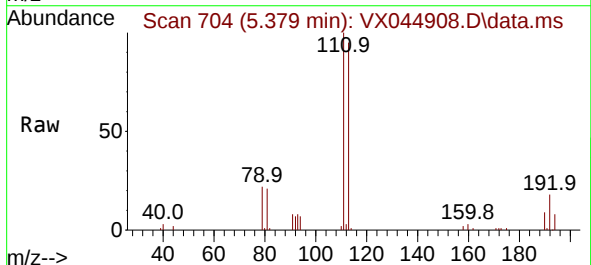
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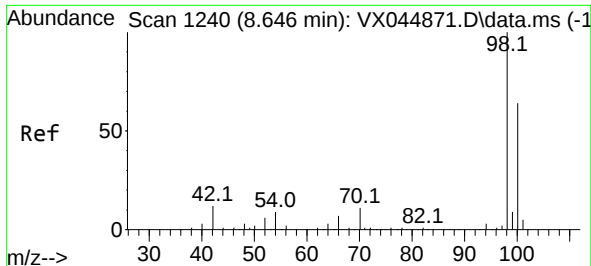
Tgt Ion:114 Resp: 184322
Ion Ratio Lower Upper
114 100
63 22.1 0.0 42.4
88 15.9 0.0 31.4



#35
Dibromofluoromethane
Concen: 50.355 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044908.D
Acq: 11 Feb 2025 16:01

Tgt Ion:113 Resp: 60346
Ion Ratio Lower Upper
113 100
111 103.9 83.5 125.3
192 18.1 14.4 21.6

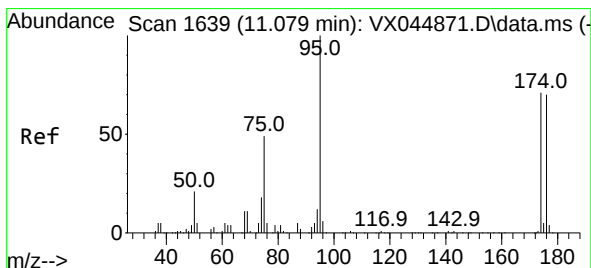
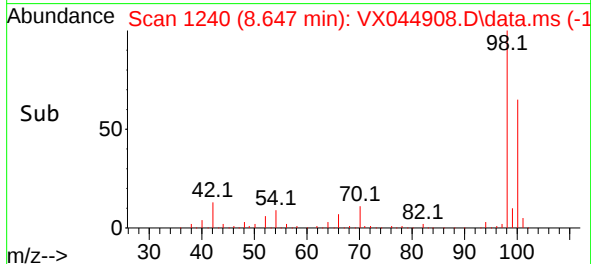
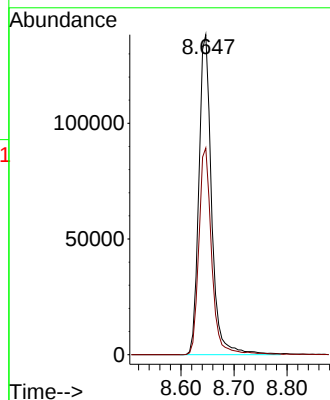
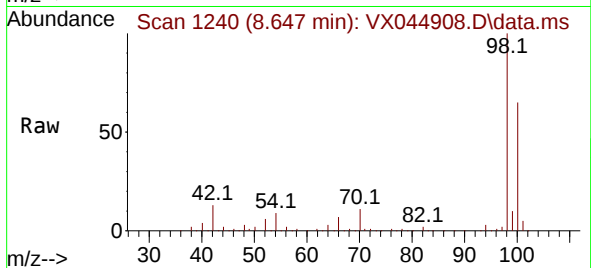




#50
Toluene-d8
Concen: 51.006 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044908.D
Acq: 11 Feb 2025 16:01

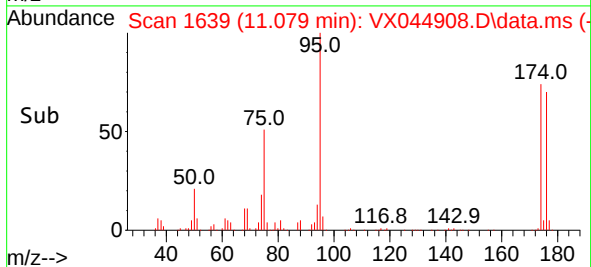
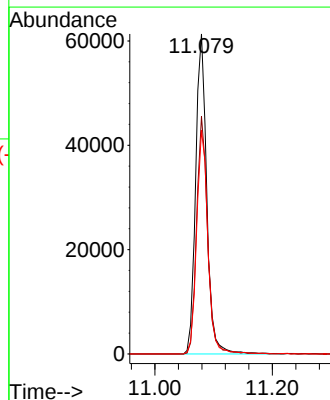
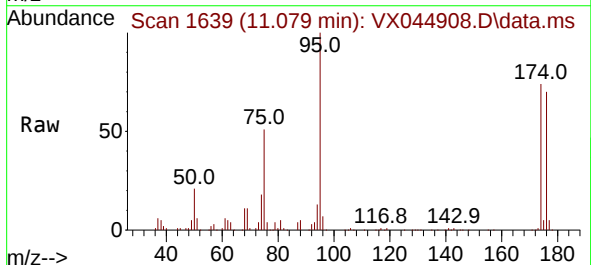
Instrument :
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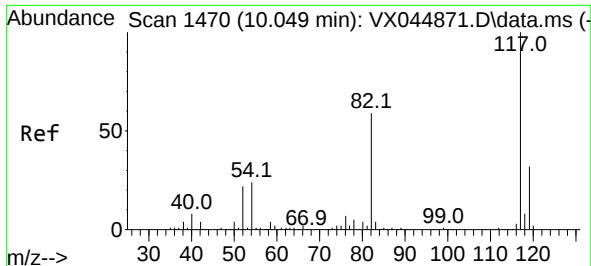
Tgt Ion: 98 Resp: 231142
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 52.745 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044908.D
Acq: 11 Feb 2025 16:01

Tgt Ion: 95 Resp: 80579
Ion Ratio Lower Upper
95 100
174 73.1 0.0 142.6
176 71.1 0.0 141.6

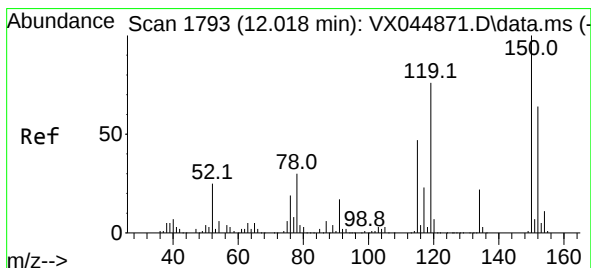
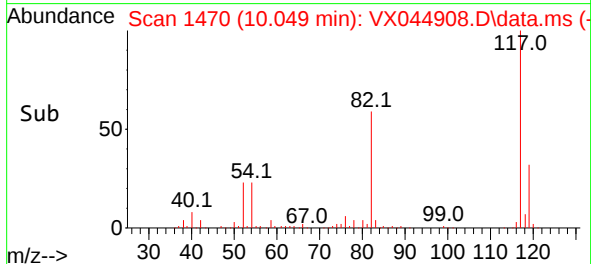
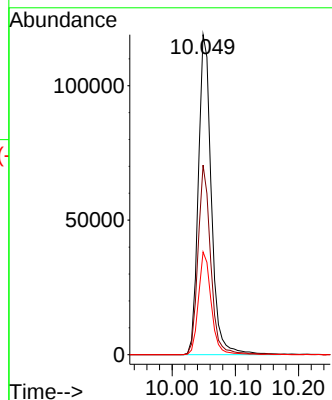
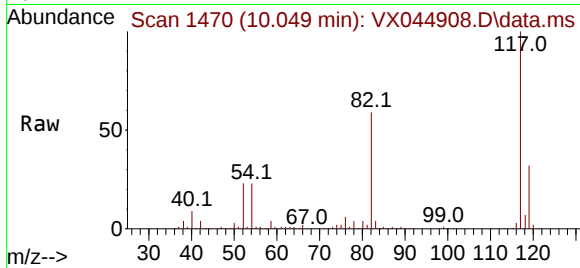




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044908.D
Acq: 11 Feb 2025 16:01

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 170618
Ion Ratio Lower Upper
117 100
82 59.2 47.5 71.3
119 32.1 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: VX044908.D
Acq: 11 Feb 2025 16:01

Tgt Ion:152 Resp: 74622
Ion Ratio Lower Upper
152 100
115 61.8 43.4 130.1
150 158.5 0.0 350.4

