

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046291.D
 Acq On : 21 May 2025 12:46
 Operator : JC/MD
 Sample : Q2093-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WATER-COMP

Quant Time: May 22 01:47:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

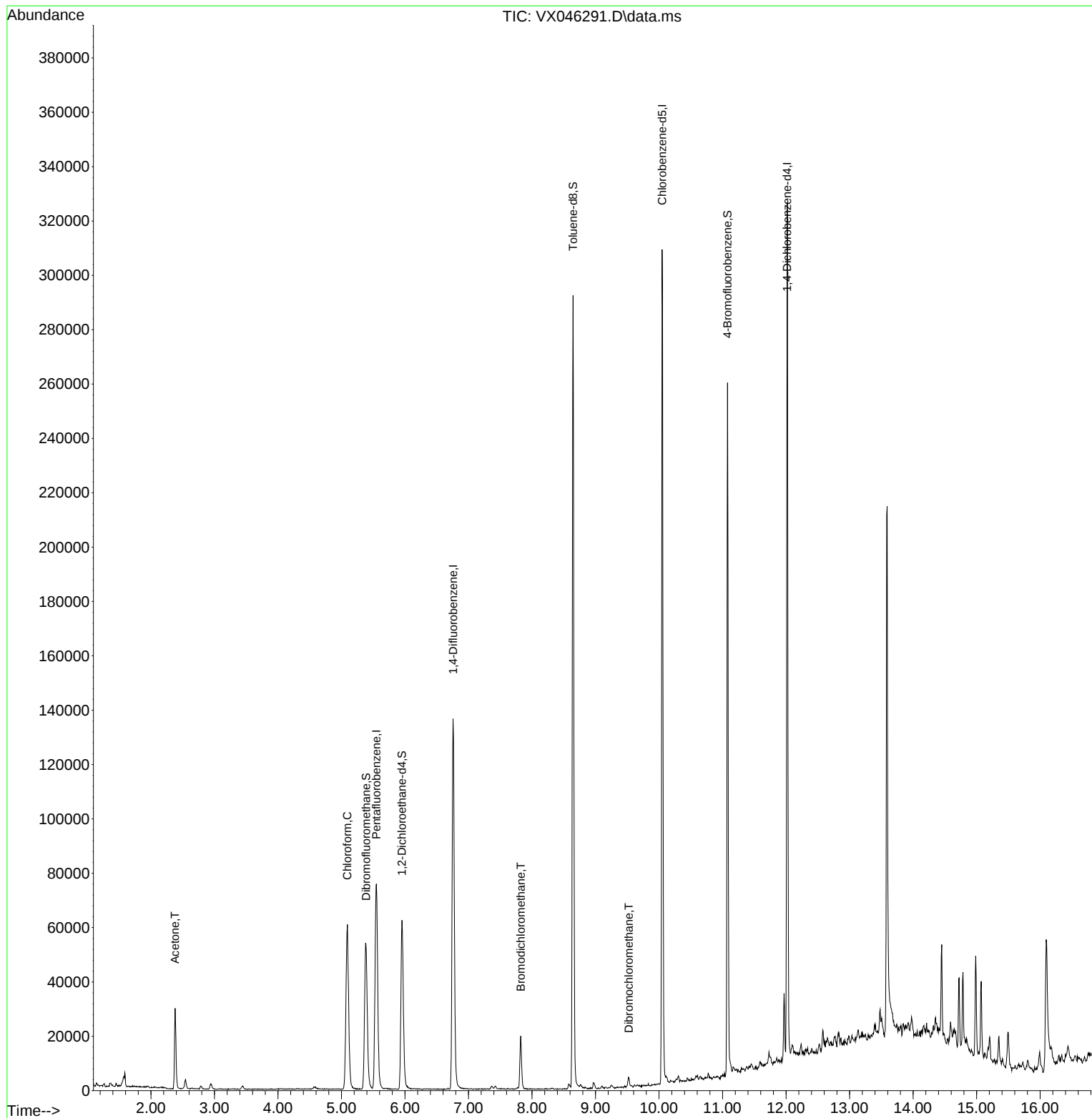
Internal Standards						
1) Pentafluorobenzene	5.550	168	65870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129997	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64759	52.734	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.460%	
35) Dibromofluoromethane	5.385	113	47686	50.940	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.880%	
50) Toluene-d8	8.647	98	164351	50.725	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.460%	
62) 4-Bromofluorobenzene	11.079	95	67548	54.350	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 108.700%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	31521	64.017	ug/l	100
30) Chloroform	5.093	83	68976	41.205	ug/l	95
47) Bromodichloromethane	7.824	83	12780	8.981	ug/l	96
60) Dibromochloromethane	9.525	129	1606	1.642	ug/l	89

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

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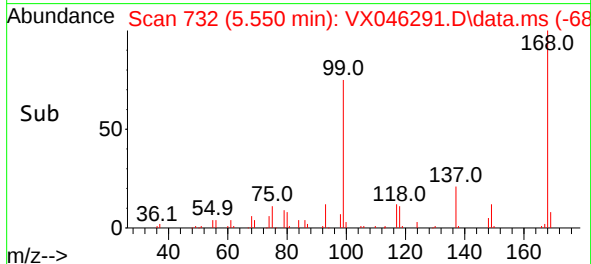
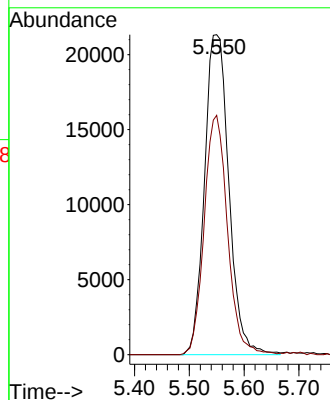
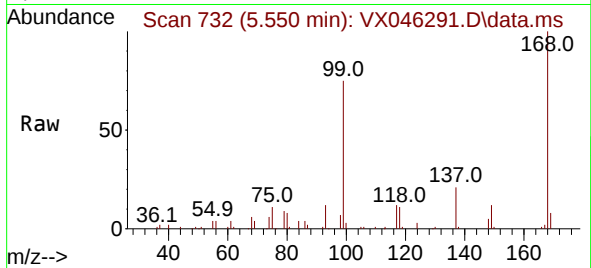




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046291.D
Acq: 21 May 2025 12:46

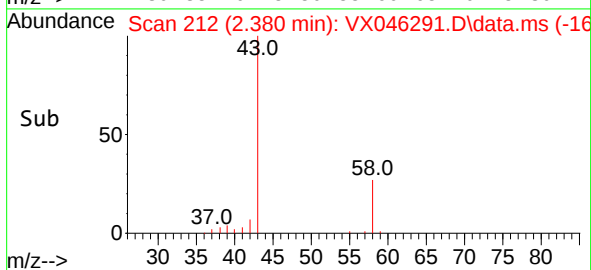
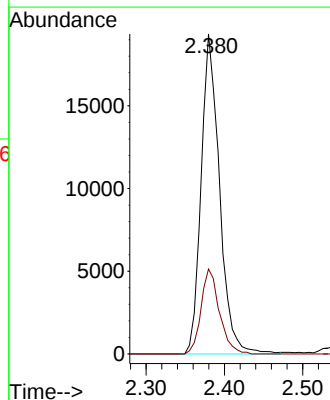
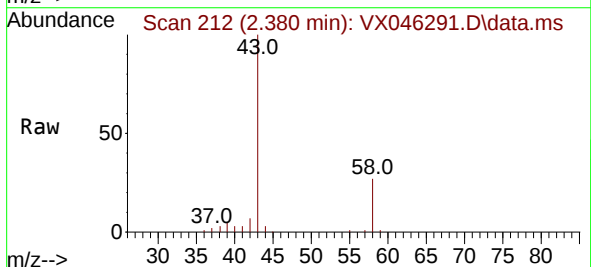
Instrument :
MSVOA_X
ClientSampleId :
WATER-COMP

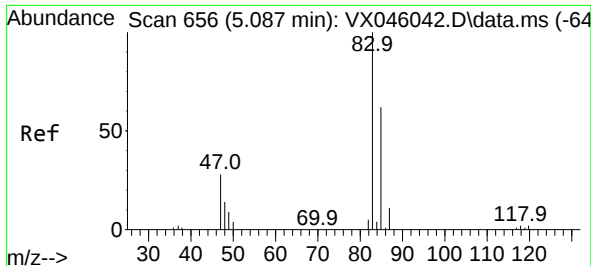
Tgt Ion:168 Resp: 65870
Ion Ratio Lower Upper
168 100
99 74.8 54.9 82.3



#16
Acetone
Concen: 64.017 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046291.D
Acq: 21 May 2025 12:46

Tgt Ion: 43 Resp: 31521
Ion Ratio Lower Upper
43 100
58 26.6 21.2 31.8

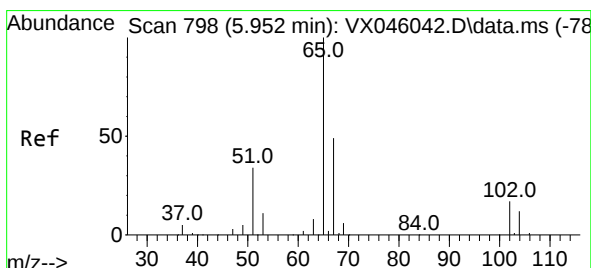
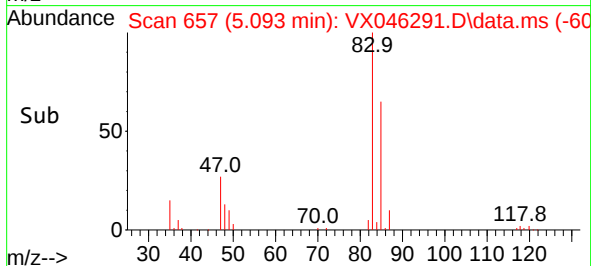
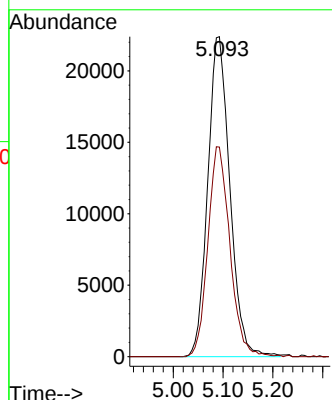
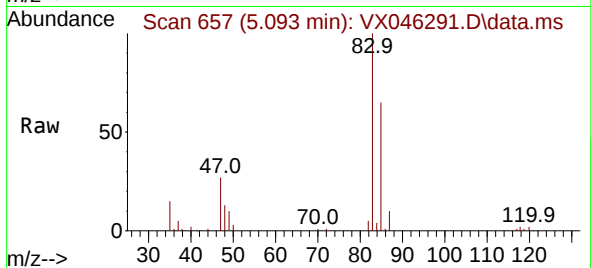




#30
Chloroform
Concen: 41.205 ug/l
RT: 5.093 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX046291.D
Acq: 21 May 2025 12:46

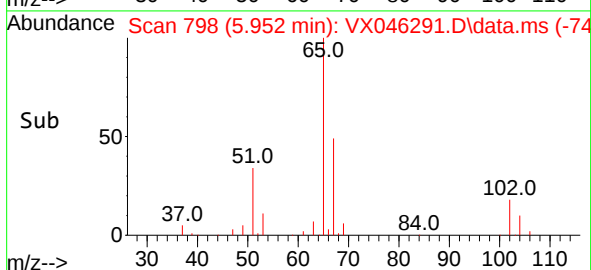
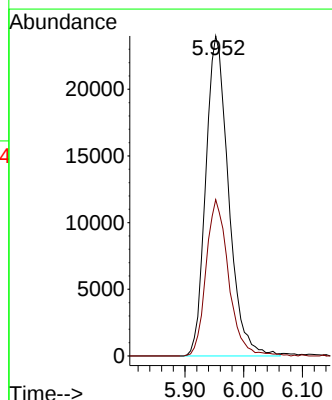
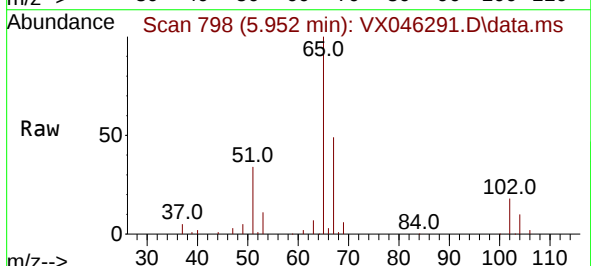
Instrument :
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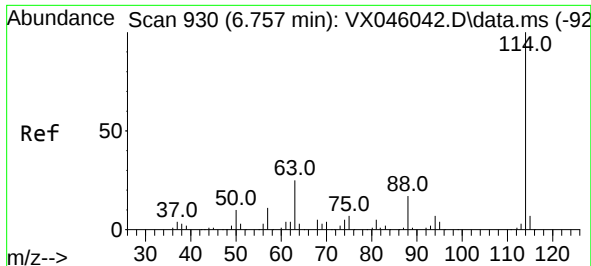
Tgt Ion: 83 Resp: 68976
Ion Ratio Lower Upper
83 100
85 65.5 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 52.734 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX046291.D
Acq: 21 May 2025 12:46

Tgt Ion: 65 Resp: 64759
Ion Ratio Lower Upper
65 100
67 48.4 0.0 99.0

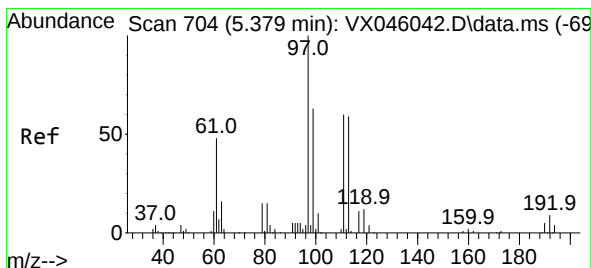
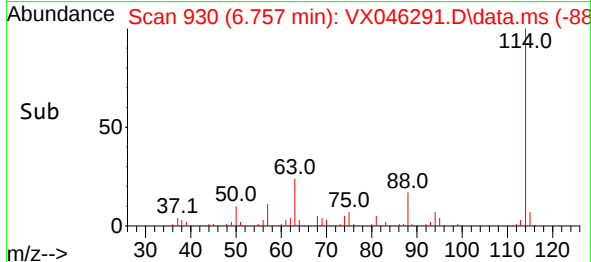
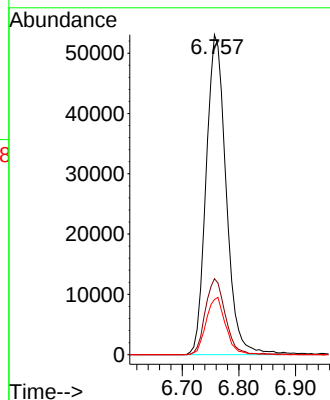
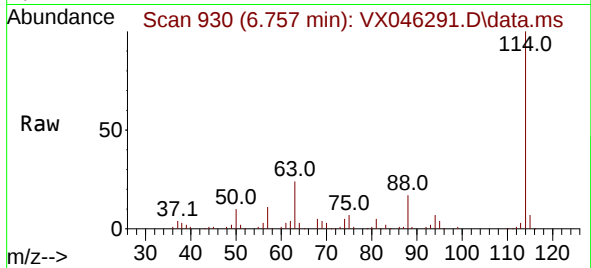




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX046291.D
Acq: 21 May 2025 12:46

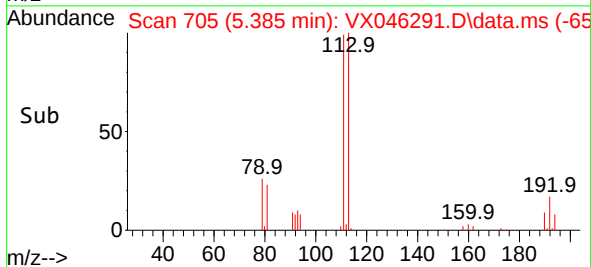
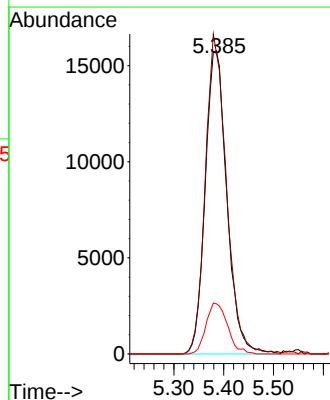
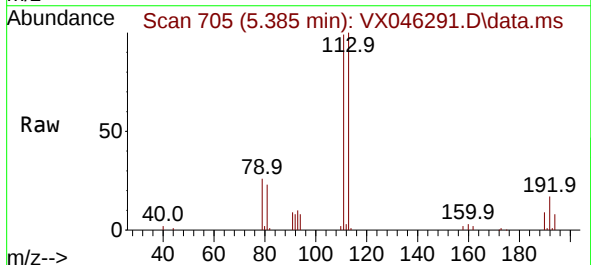
Instrument :
MSVOA_X
ClientSampleId :
WATER-COMP

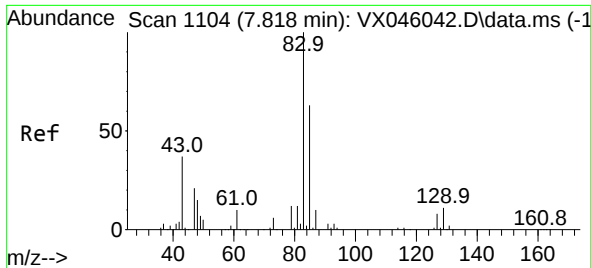
Tgt Ion:114 Resp: 129997
Ion Ratio Lower Upper
114 100
63 23.8 0.0 49.2
88 17.3 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.940 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046291.D
Acq: 21 May 2025 12:46

Tgt Ion:113 Resp: 47686
Ion Ratio Lower Upper
113 100
111 102.4 83.1 124.7
192 16.7 13.3 19.9

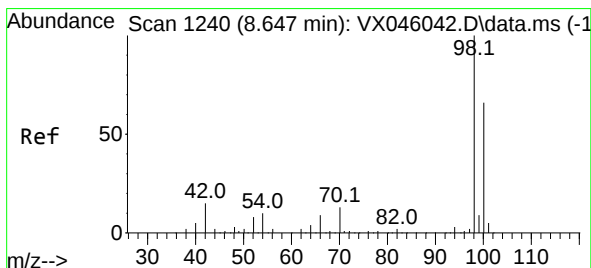
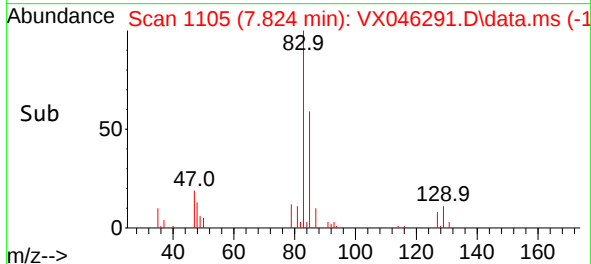
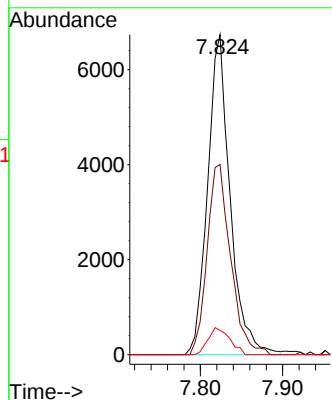
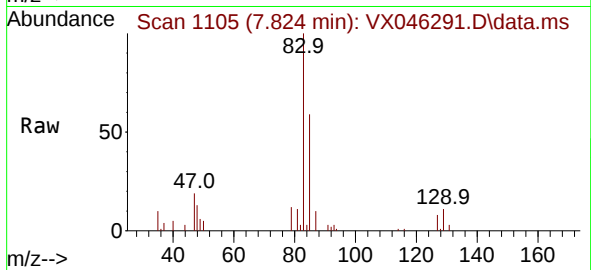




#47
Bromodichloromethane
Concen: 8.981 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX046291.D
Acq: 21 May 2025 12:46

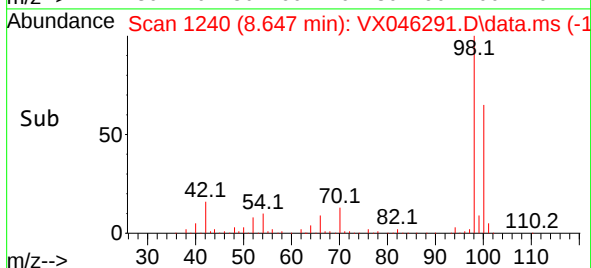
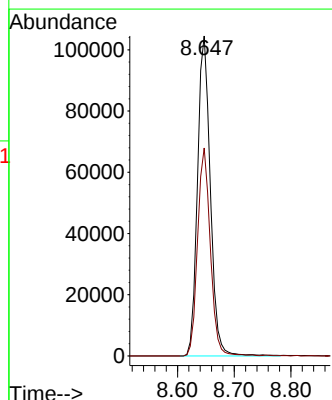
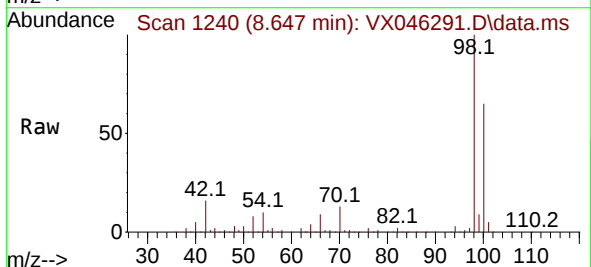
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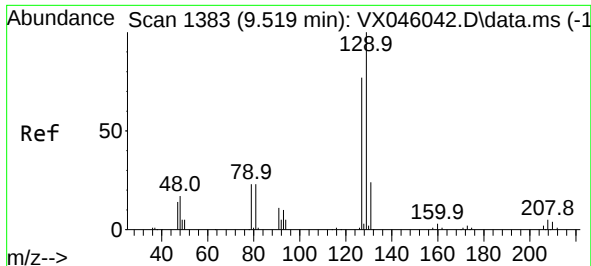
Tgt Ion: 83 Resp: 12780
Ion Ratio Lower Upper
83 100
85 59.4 50.5 75.7
127 7.6 6.5 9.7



#50
Toluene-d8
Concen: 50.725 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046291.D
Acq: 21 May 2025 12:46

Tgt Ion: 98 Resp: 164351
Ion Ratio Lower Upper
98 100
100 64.5 53.5 80.3

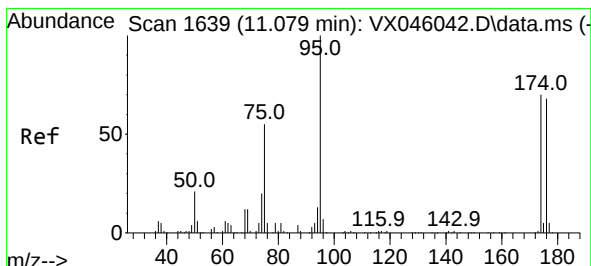
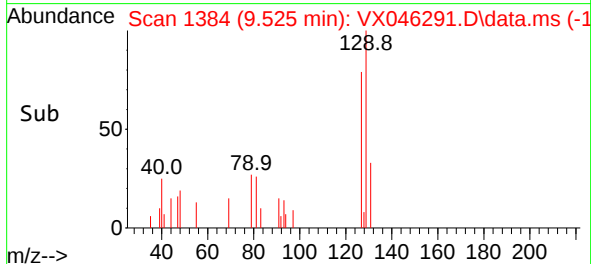
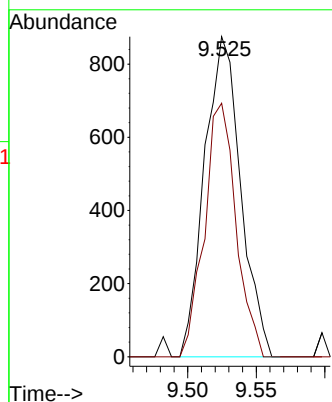
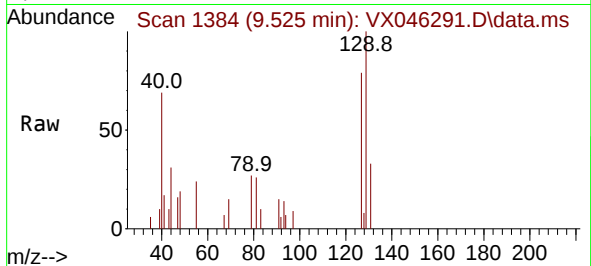




#60
Dibromochloromethane
Concen: 1.642 ug/l
RT: 9.525 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046291.D
Acq: 21 May 2025 12:46

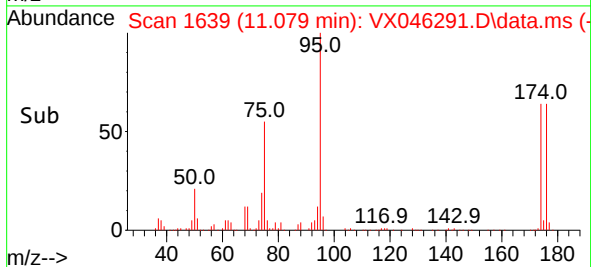
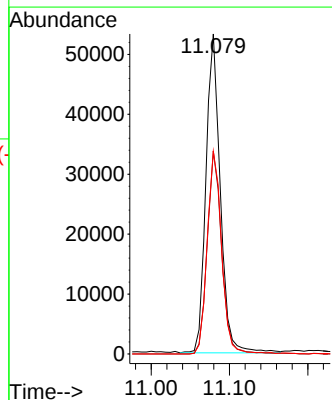
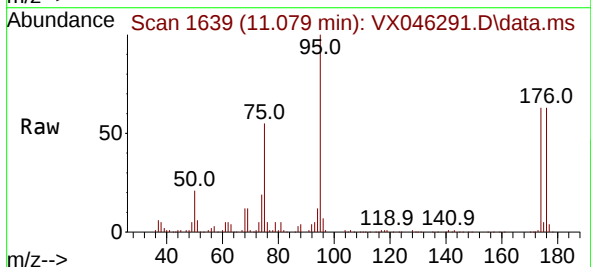
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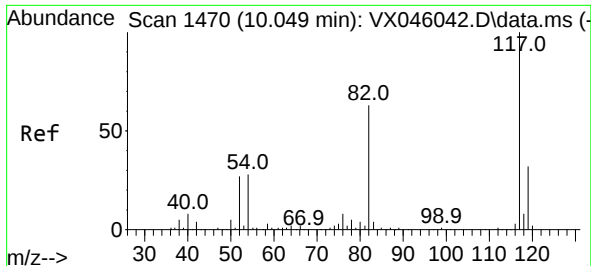
Tgt Ion:129 Resp: 1606
Ion Ratio Lower Upper
129 100
127 69.2 39.3 117.8



#62
4-Bromofluorobenzene
Concen: 54.350 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046291.D
Acq: 21 May 2025 12:46

Tgt Ion: 95 Resp: 67548
Ion Ratio Lower Upper
95 100
174 63.8 0.0 135.8
176 64.1 0.0 131.4

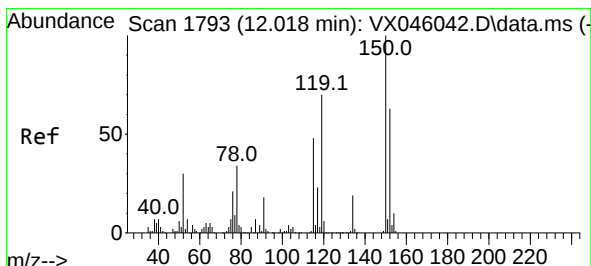
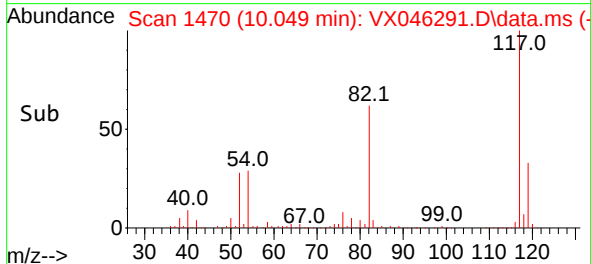
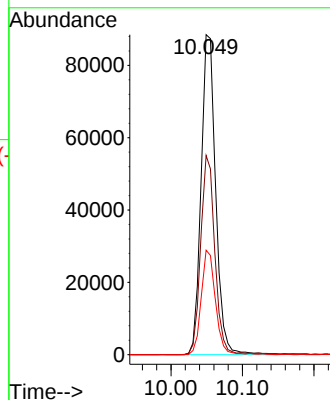
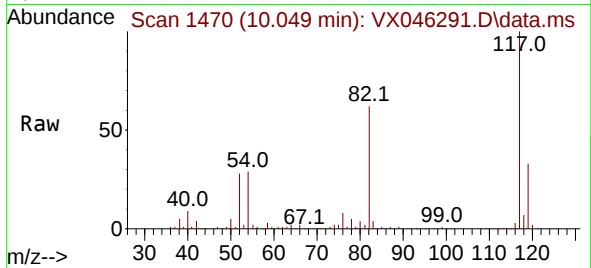




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046291.D
Acq: 21 May 2025 12:46

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 125457
Ion Ratio Lower Upper
117 100
82 62.3 50.6 76.0
119 32.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046291.D
Acq: 21 May 2025 12:46

Tgt Ion:152 Resp: 55849
Ion Ratio Lower Upper
152 100
115 66.5 46.9 140.7
150 159.8 0.0 351.0

