

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
 Data File : VN087146.D
 Acq On : 20 Jun 2025 17:34
 Operator : JC\MD
 Sample : Q2377-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PW-B6-L66-061925

Quant Time: Jun 20 23:10:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

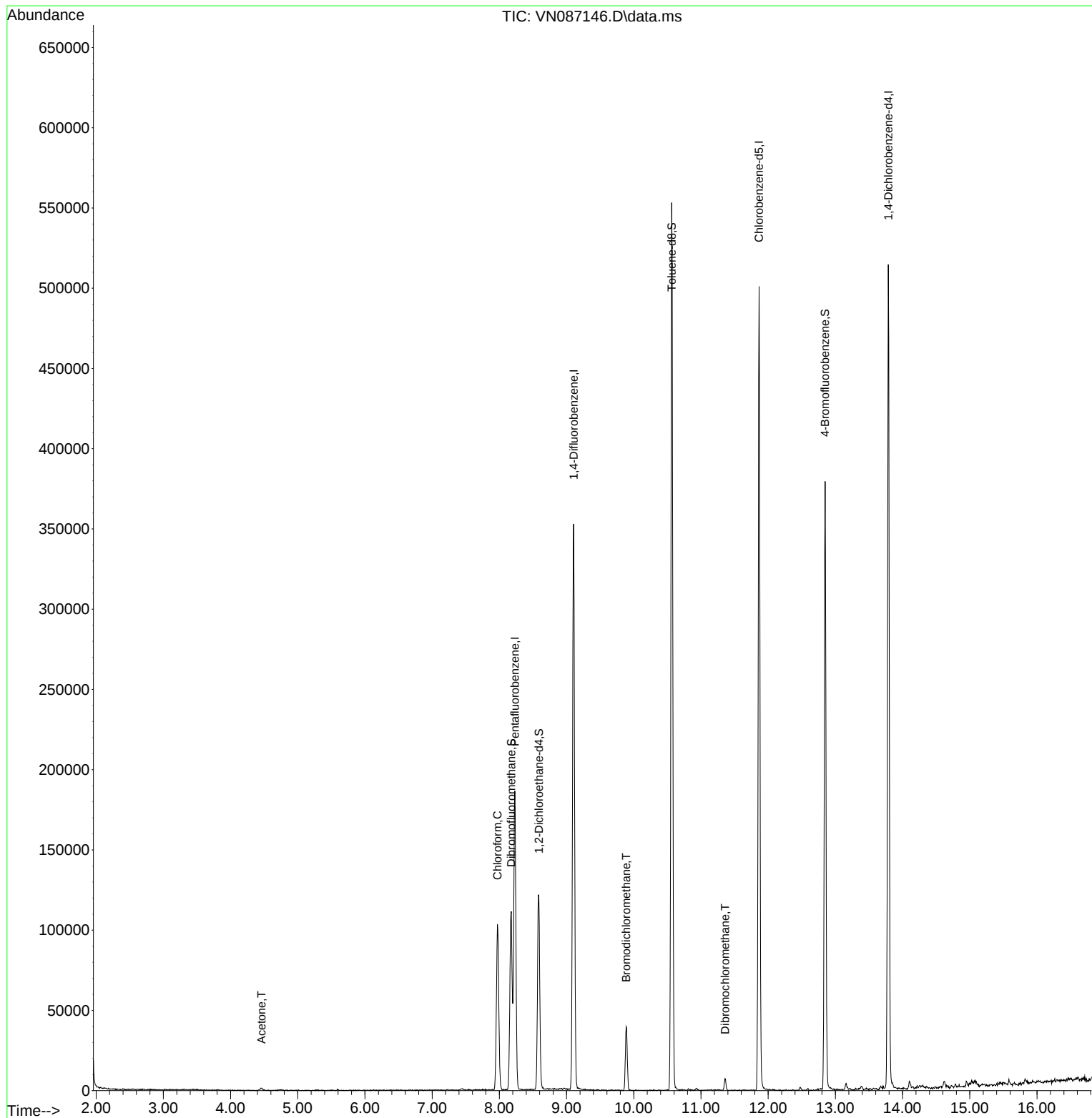
Internal Standards						
1) Pentafluorobenzene	8.230	168	148283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	341431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	315296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	153963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	103306	52.034	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 104.060%		
35) Dibromofluoromethane	8.177	113	87015	43.004	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 86.000%		
50) Toluene-d8	10.565	98	414062	51.692	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 103.380%		
62) 4-Bromofluorobenzene	12.847	95	152558	51.263	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 102.520%		
Target Compounds						
					Qvalue	
16) Acetone	4.459	43	2613	2.482	ug/l #	84
30) Chloroform	7.971	83	108409	32.694	ug/l	95
47) Bromodichloromethane	9.888	83	30162	9.201	ug/l	97
60) Dibromochloromethane	11.359	129	4754	1.968	ug/l	99

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

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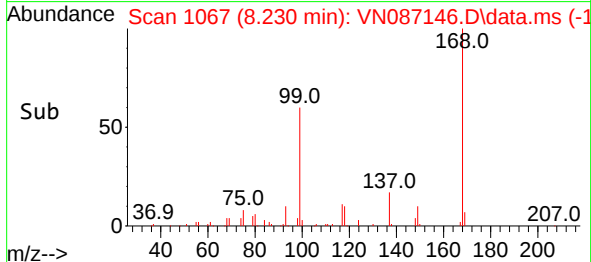
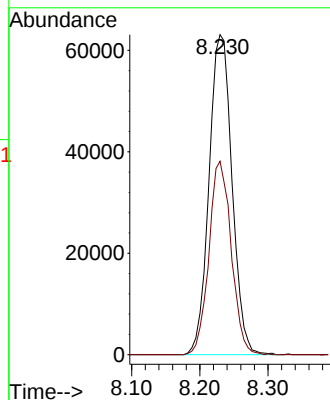
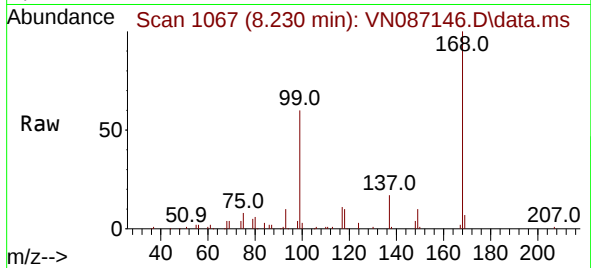




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087146.D
Acq: 20 Jun 2025 17:34

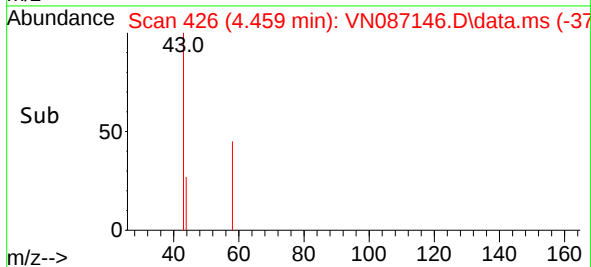
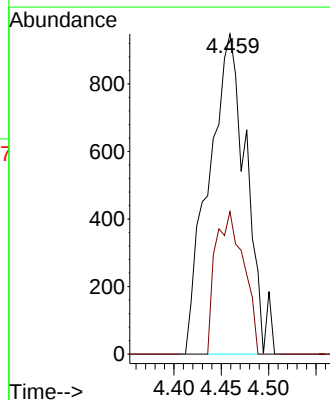
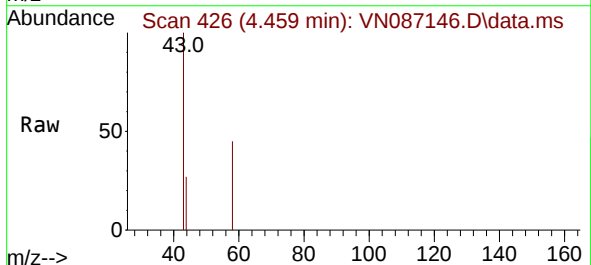
Instrument :
MSVOA_N
ClientSampleId :
PW-B6-L66-061925

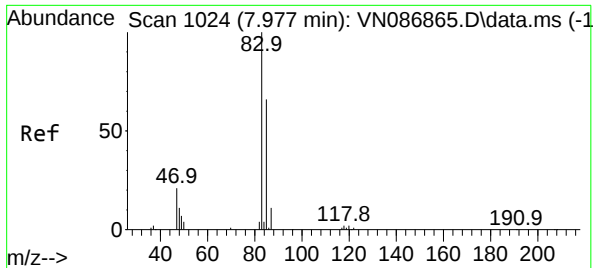
Tgt Ion:168 Resp: 148283
Ion Ratio Lower Upper
168 100
99 60.5 49.1 73.7



#16
Acetone
Concen: 2.482 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN087146.D
Acq: 20 Jun 2025 17:34

Tgt Ion: 43 Resp: 2613
Ion Ratio Lower Upper
43 100
58 44.5 28.0 42.0#

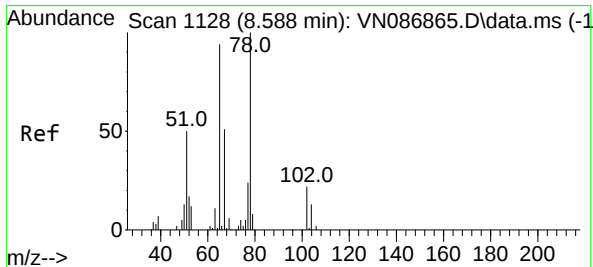
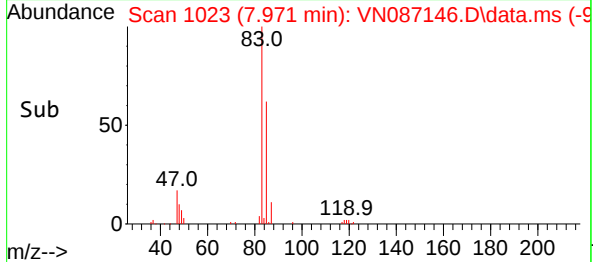
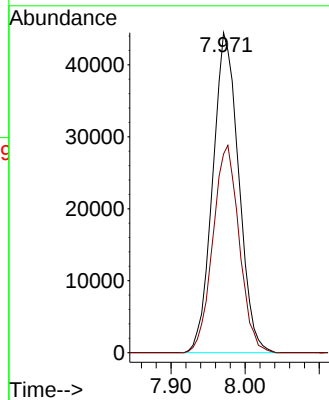
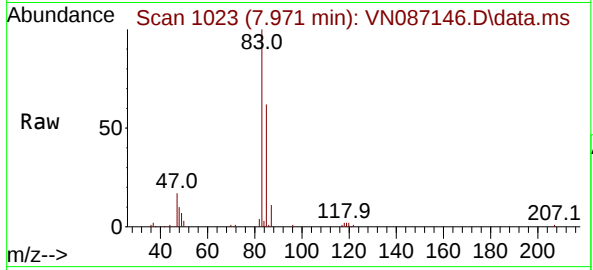




#30
Chloroform
Concen: 32.694 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN087146.D
Acq: 20 Jun 2025 17:34

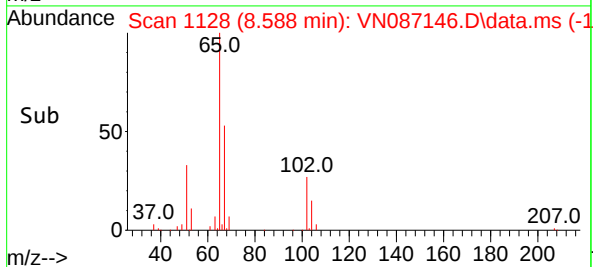
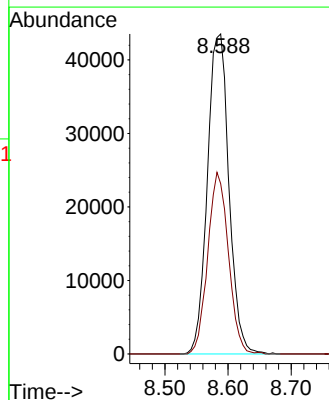
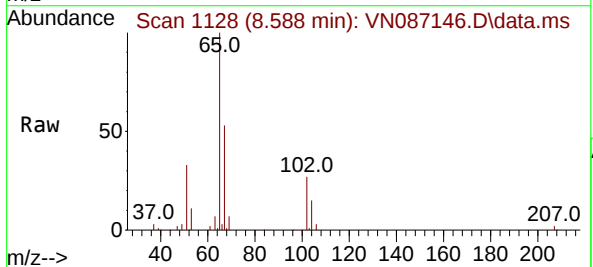
Instrument :
MSVOA_N
ClientSampleId :
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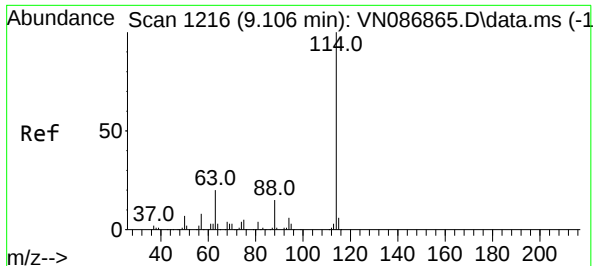
Tgt Ion: 83 Resp: 108409
Ion Ratio Lower Upper
83 100
85 62.1 52.9 79.3



#33
1,2-Dichloroethane-d4
Concen: 52.034 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087146.D
Acq: 20 Jun 2025 17:34

Tgt Ion: 65 Resp: 103306
Ion Ratio Lower Upper
65 100
67 54.5 0.0 105.6

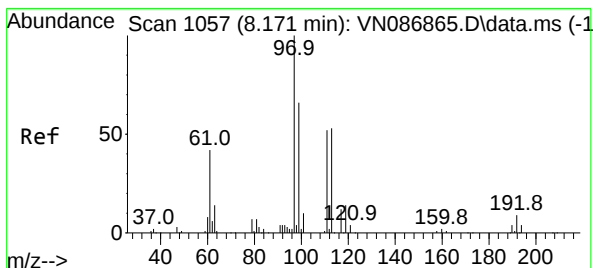
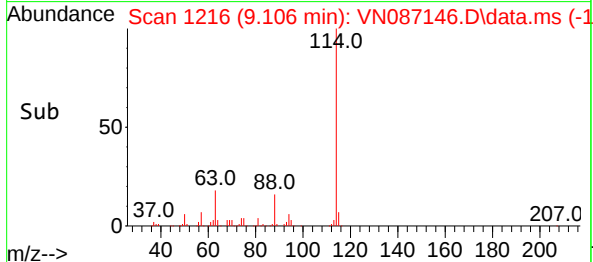
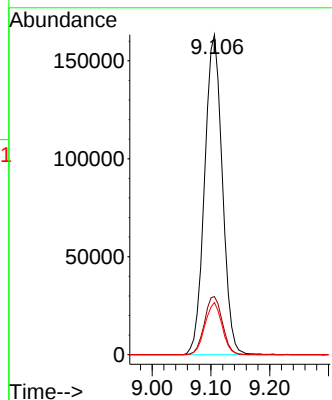
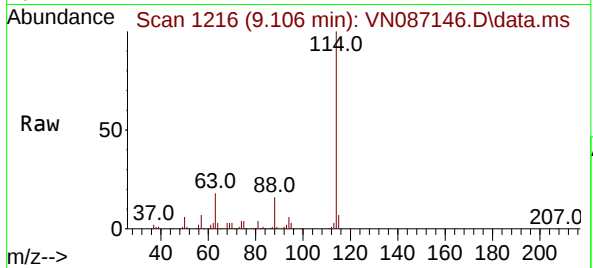




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087146.D
Acq: 20 Jun 2025 17:34

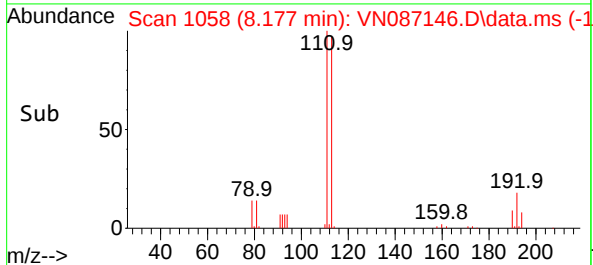
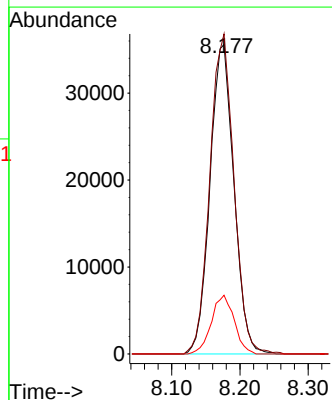
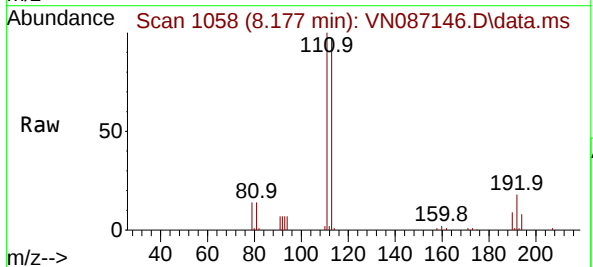
Instrument :
MSVOA_N
ClientSampleId :
PW-B6-L66-061925

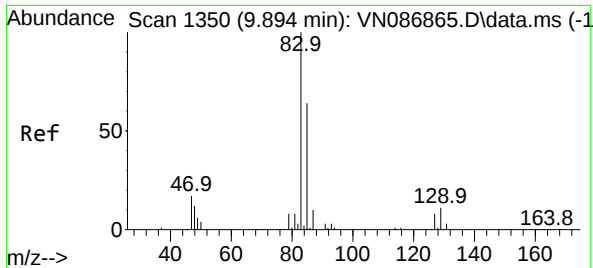
Tgt Ion:114 Resp: 341431
Ion Ratio Lower Upper
114 100
63 18.2 0.0 39.6
88 16.3 0.0 30.2



#35
Dibromofluoromethane
Concen: 43.004 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN087146.D
Acq: 20 Jun 2025 17:34

Tgt Ion:113 Resp: 87015
Ion Ratio Lower Upper
113 100
111 104.1 84.2 126.2
192 18.1 14.2 21.4

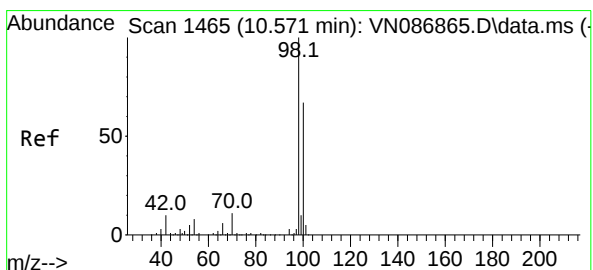
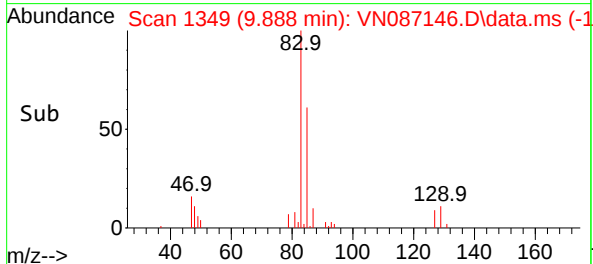
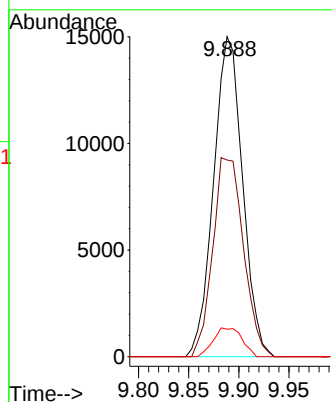
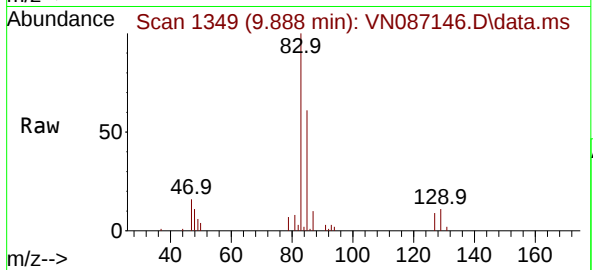




#47
Bromodichloromethane
Concen: 9.201 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087146.D
Acq: 20 Jun 2025 17:34

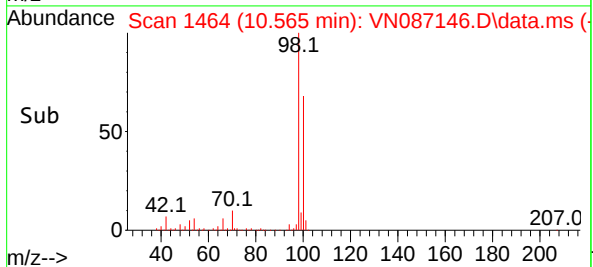
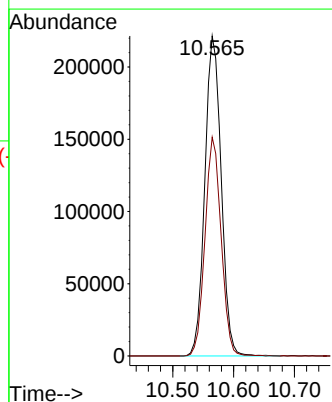
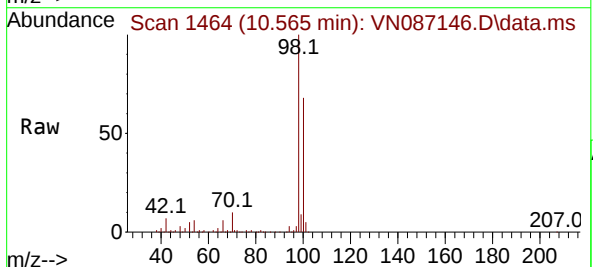
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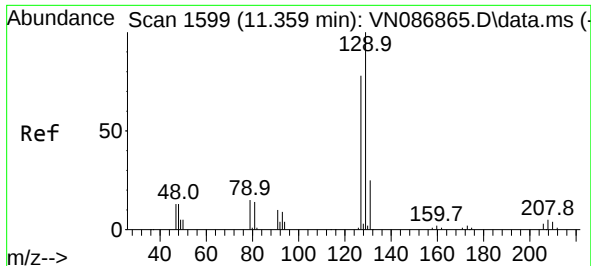
Tgt Ion: 83 Resp: 30162
Ion Ratio Lower Upper
83 100
85 61.4 50.9 76.3
127 8.6 6.6 10.0



#50
Toluene-d8
Concen: 51.692 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087146.D
Acq: 20 Jun 2025 17:34

Tgt Ion: 98 Resp: 414062
Ion Ratio Lower Upper
98 100
100 67.4 53.4 80.0

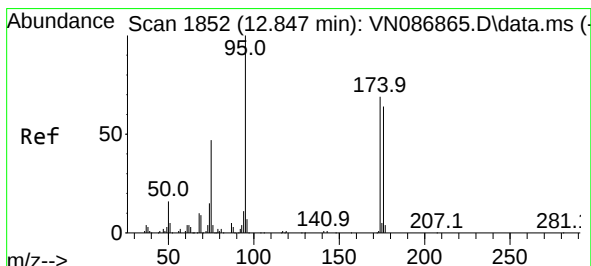
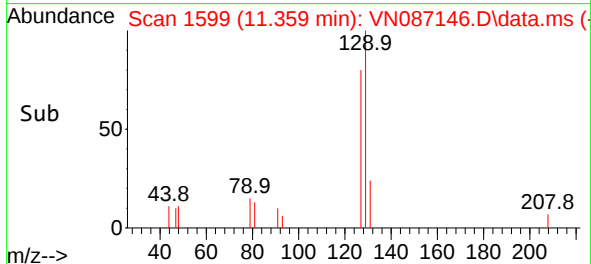
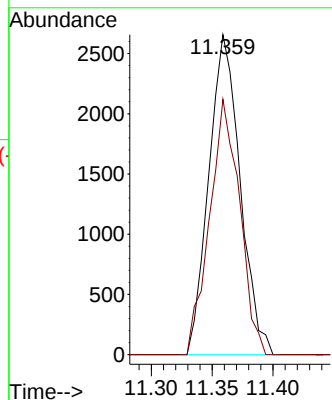
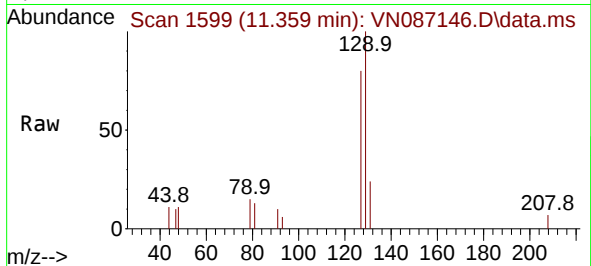




#60
Dibromochloromethane
Concen: 1.968 ug/l
RT: 11.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087146.D
Acq: 20 Jun 2025 17:34

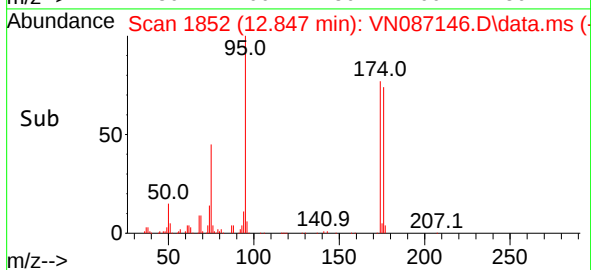
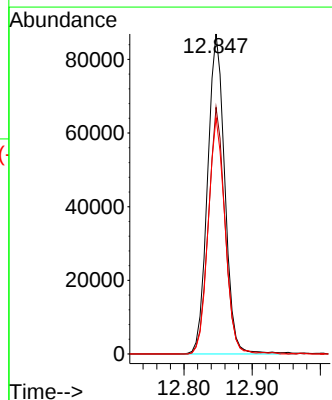
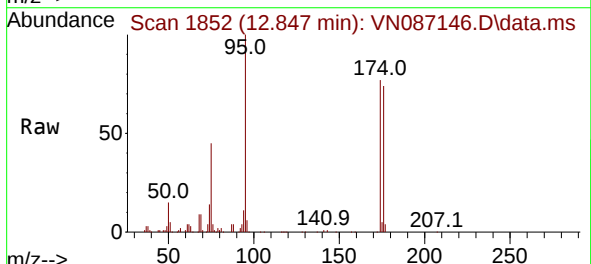
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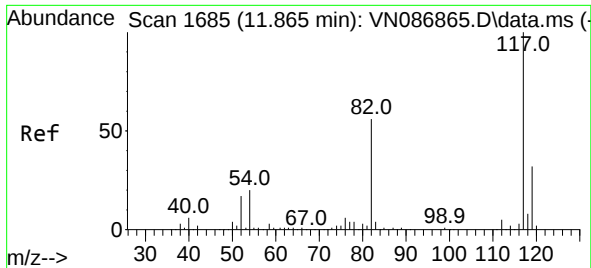
Tgt Ion:129 Resp: 4754
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.8



#62
4-Bromofluorobenzene
Concen: 51.263 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087146.D
Acq: 20 Jun 2025 17:34

Tgt Ion: 95 Resp: 152558
Ion Ratio Lower Upper
95 100
174 74.6 0.0 141.8
176 72.4 0.0 132.6

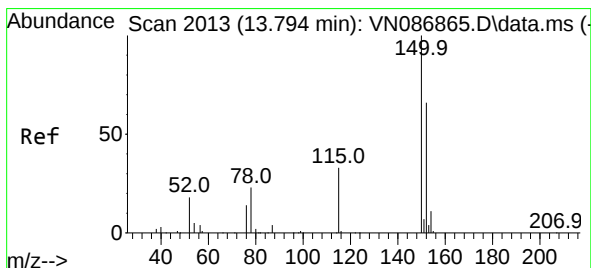
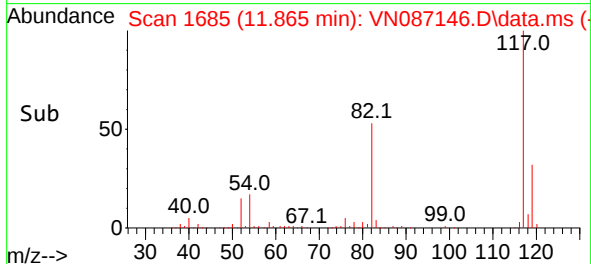
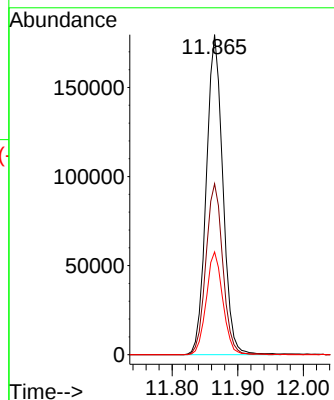
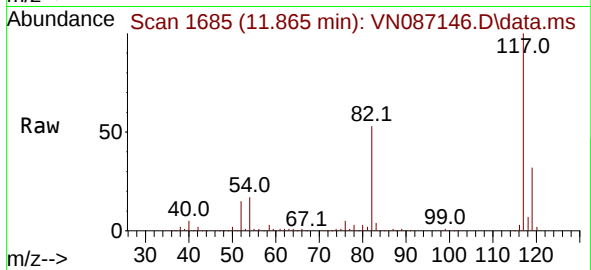




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087146.D
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Tgt Ion:117 Resp: 315296
Ion Ratio Lower Upper
117 100
82 53.4 44.6 67.0
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087146.D
Acq: 20 Jun 2025 17:34

Tgt Ion:152 Resp: 153963
Ion Ratio Lower Upper
152 100
115 60.2 30.1 90.5
150 157.6 0.0 345.0

