

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061625\
 Data File : VN087038.D
 Acq On : 16 Jun 2025 17:41
 Operator : JC\MD
 Sample : Q2299-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW11-MW01S-20250611

Quant Time: Jun 17 07:27:08 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)

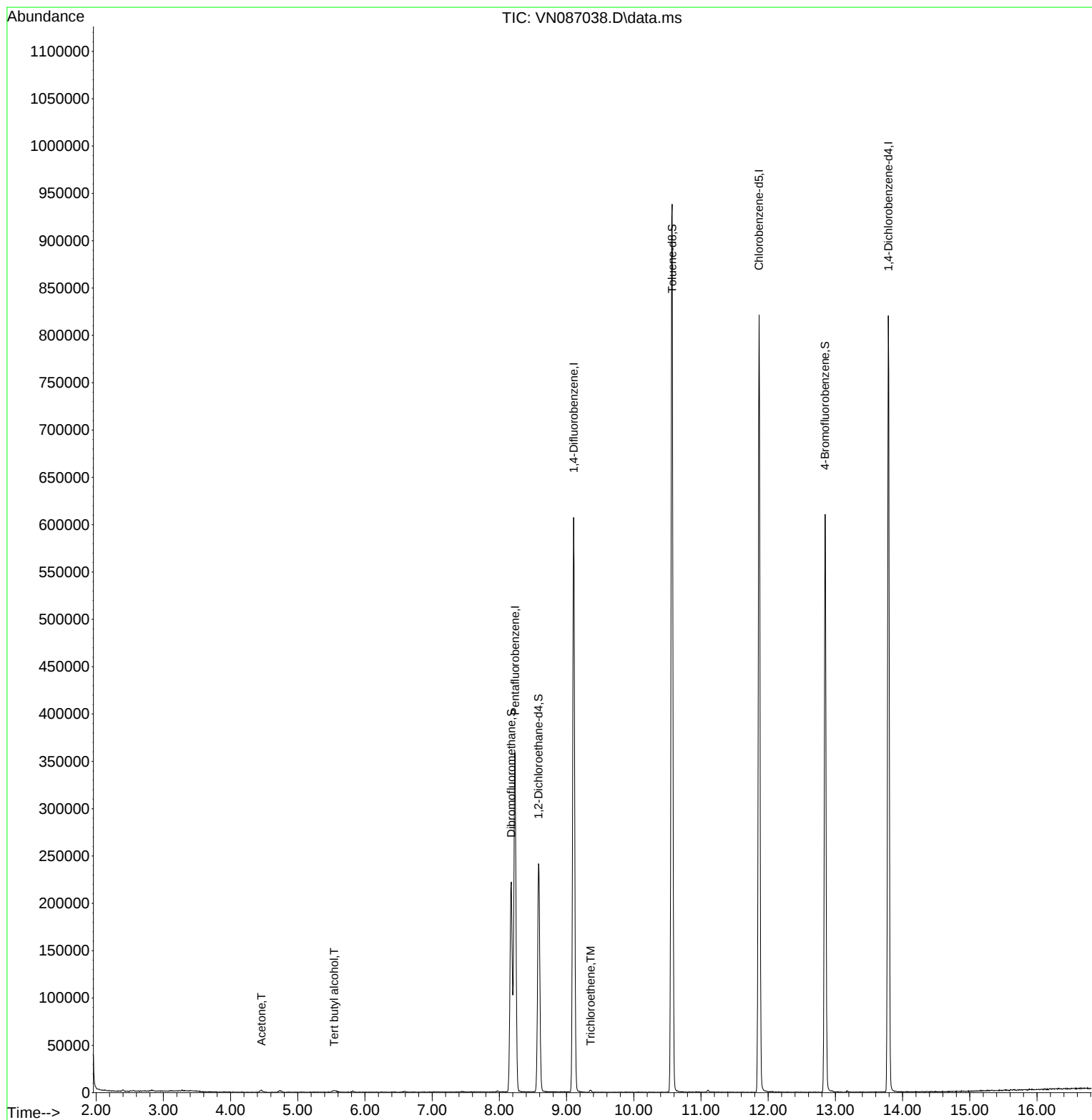
Internal Standards						
1) Pentafluorobenzene	8.235	168	278071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	562910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	508781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	240142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	200357	53.815	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.640%	
35) Dibromofluoromethane	8.177	113	172687	51.766	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.540%	
50) Toluene-d8	10.571	98	695609	52.673	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.340%	
62) 4-Bromofluorobenzene	12.847	95	244670	49.867	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.740%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.542	59	4573	4.527	ug/l	# 79
16) Acetone	4.459	43	4347	2.202	ug/l	99
44) Trichloroethene	9.359	130	950	0.246	ug/l	67

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

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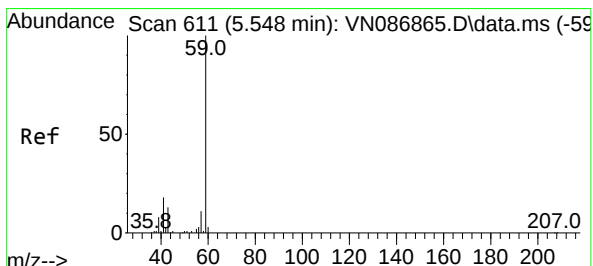
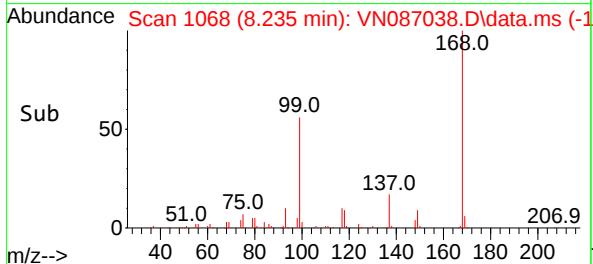
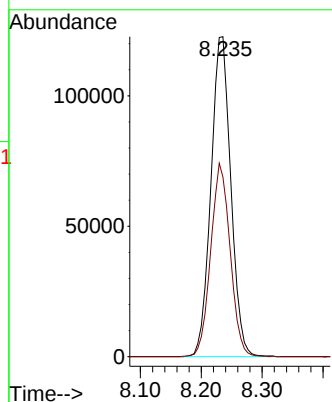
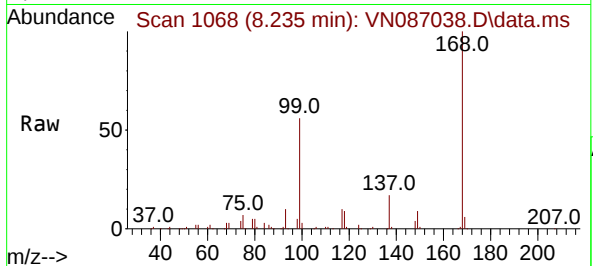




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN087038.D
Acq: 16 Jun 2025 17:41

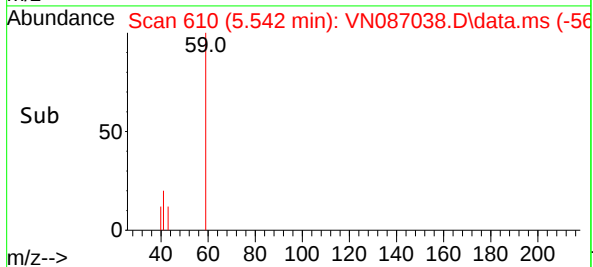
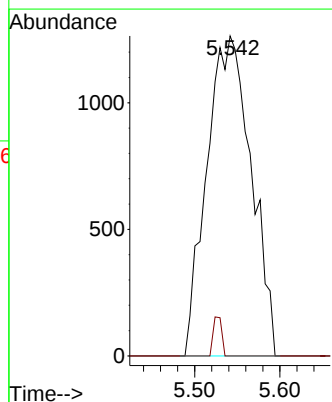
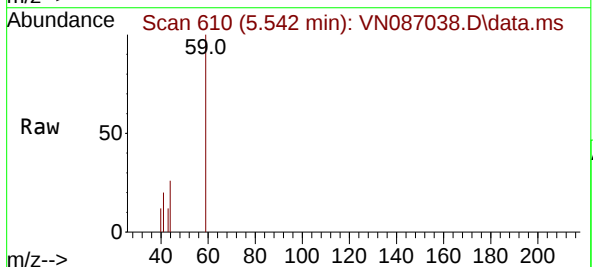
Instrument :
MSVOA_N
ClientSampleId :
RW11-MW01S-20250611

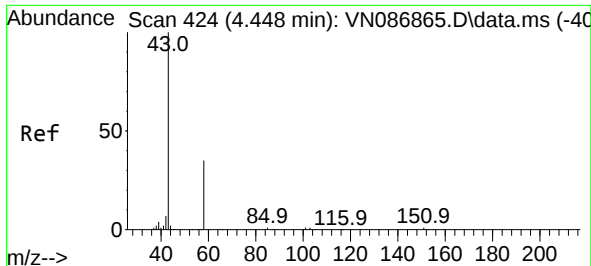
Tgt Ion:168 Resp: 278071
Ion Ratio Lower Upper
168 100
99 56.2 49.1 73.7



#11
Tert butyl alcohol
Concen: 4.527 ug/l
RT: 5.542 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN087038.D
Acq: 16 Jun 2025 17:41

Tgt Ion: 59 Resp: 4573
Ion Ratio Lower Upper
59 100
57 2.4 8.1 12.1#

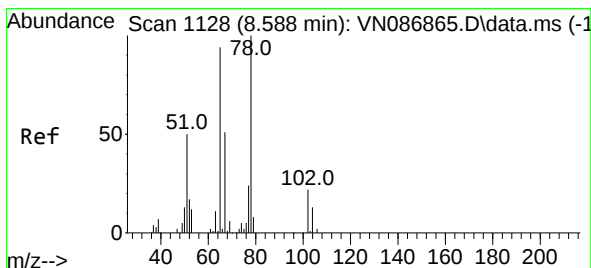
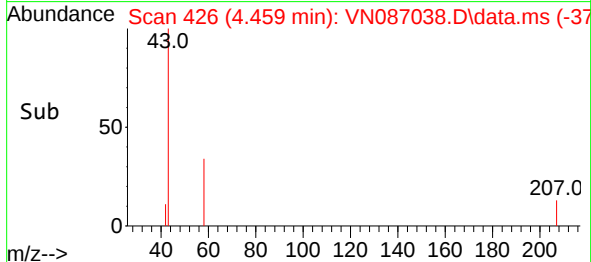
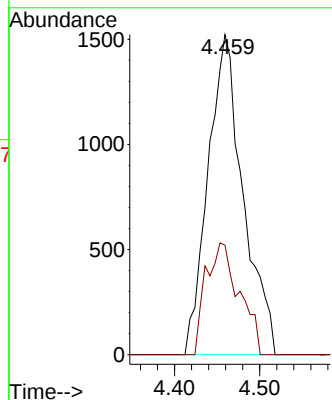
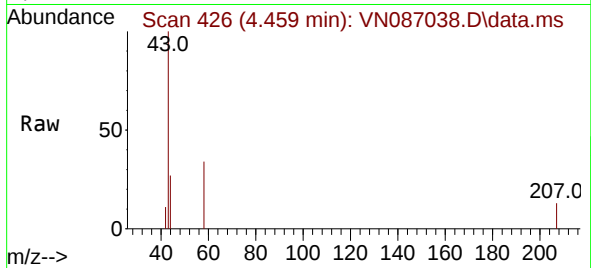




#16
Acetone
Concen: 2.202 ug/l
RT: 4.459 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN087038.D
Acq: 16 Jun 2025 17:41

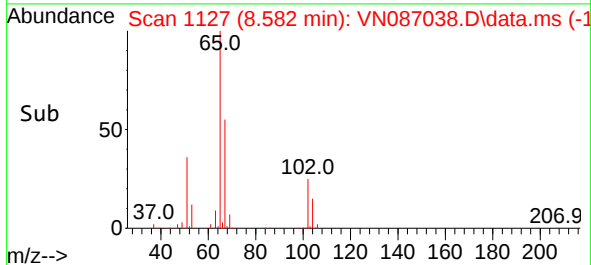
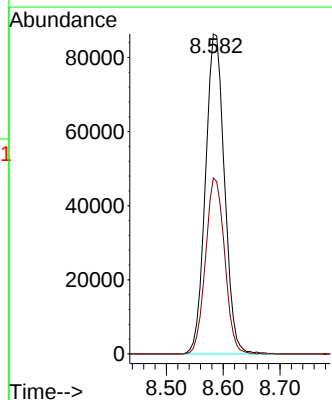
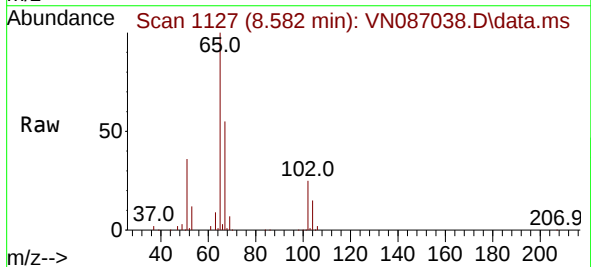
Instrument :
MSVOA_N
ClientSampleId :
RW11-MW01S-20250611

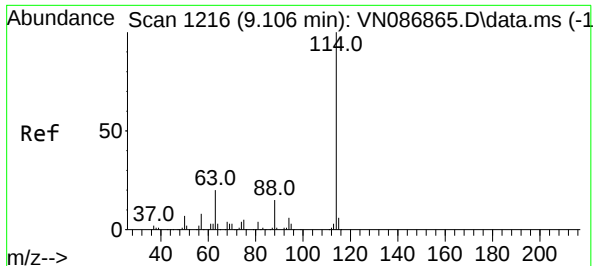
Tgt Ion: 43 Resp: 4347
Ion Ratio Lower Upper
43 100
58 34.2 28.0 42.0



#33
1,2-Dichloroethane-d4
Concen: 53.815 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN087038.D
Acq: 16 Jun 2025 17:41

Tgt Ion: 65 Resp: 200357
Ion Ratio Lower Upper
65 100
67 55.2 0.0 105.6

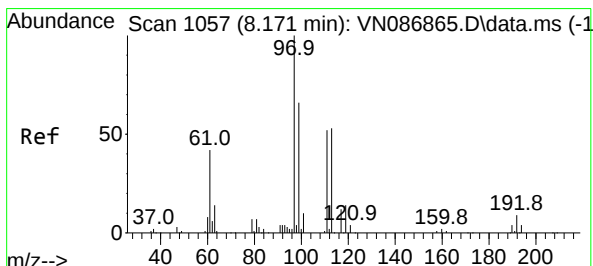
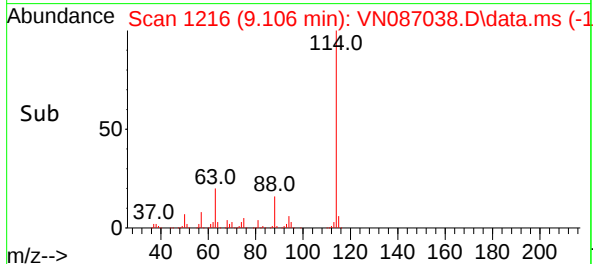
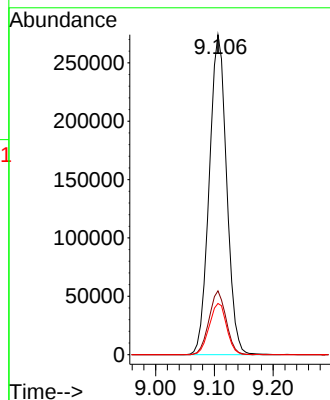
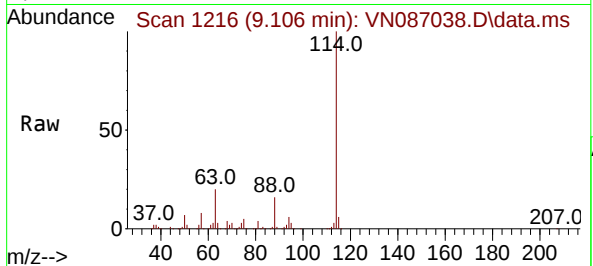




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087038.D
Acq: 16 Jun 2025 17:41

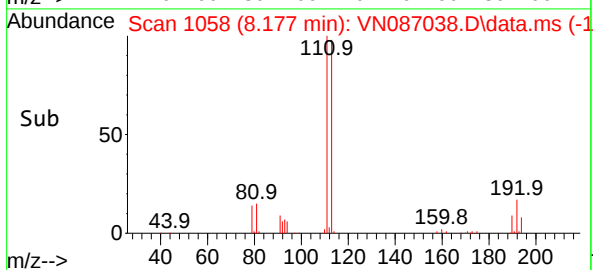
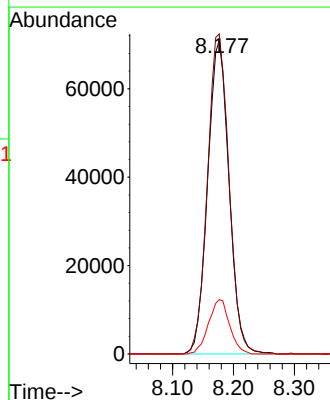
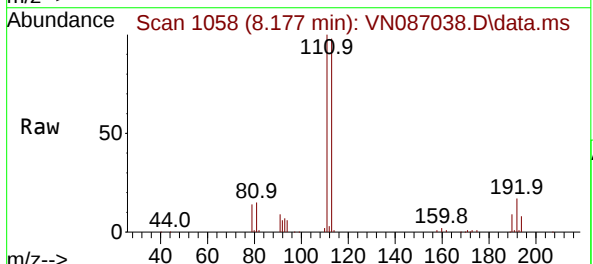
Instrument :
MSVOA_N
ClientSampleId :
RW11-MW01S-20250611

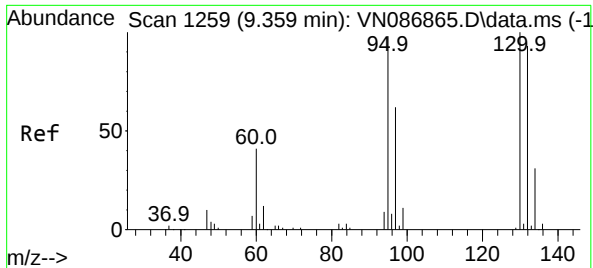
Tgt Ion:114 Resp: 562910
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.6
88 16.0 0.0 30.2



#35
Dibromofluoromethane
Concen: 51.766 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN087038.D
Acq: 16 Jun 2025 17:41

Tgt Ion:113 Resp: 172687
Ion Ratio Lower Upper
113 100
111 103.0 84.2 126.2
192 17.2 14.2 21.4

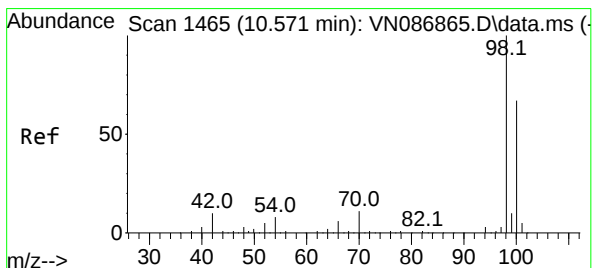
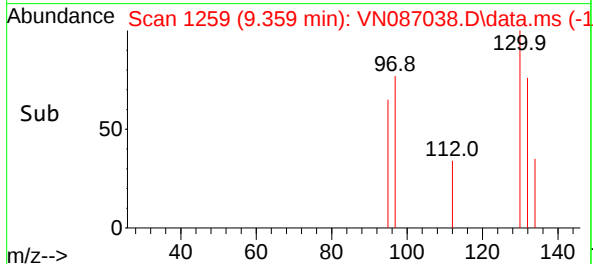
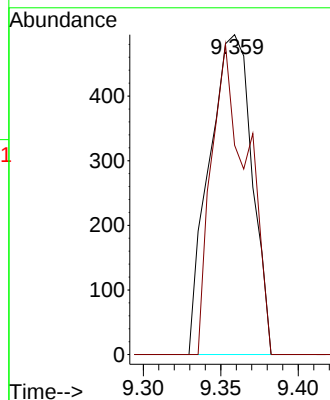
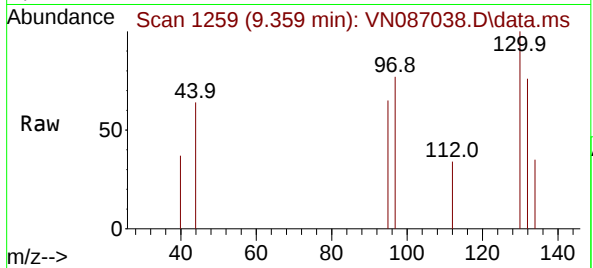




#44
Trichloroethene
Concen: 0.246 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN087038.D
Acq: 16 Jun 2025 17:41

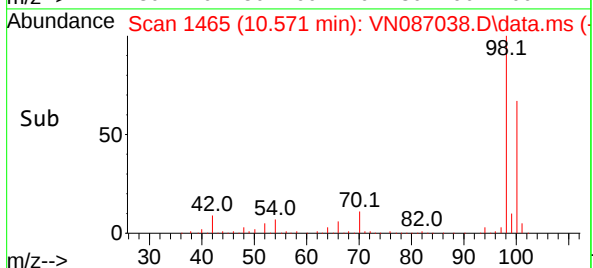
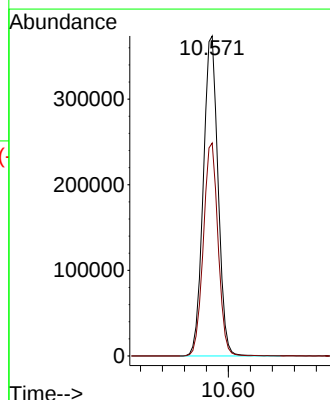
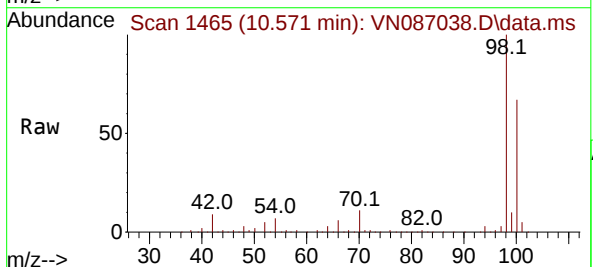
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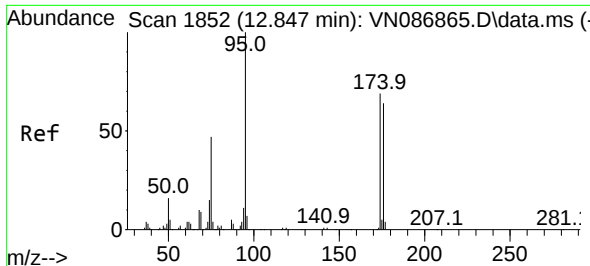
Tgt Ion:130 Resp: 950
Ion Ratio Lower Upper
130 100
95 65.5 0.0 196.2



#50
Toluene-d8
Concen: 52.673 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN087038.D
Acq: 16 Jun 2025 17:41

Tgt Ion: 98 Resp: 695609
Ion Ratio Lower Upper
98 100
100 66.4 53.4 80.0

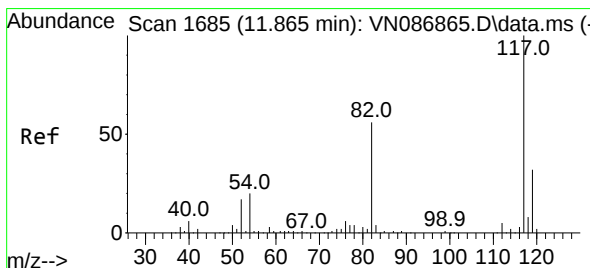
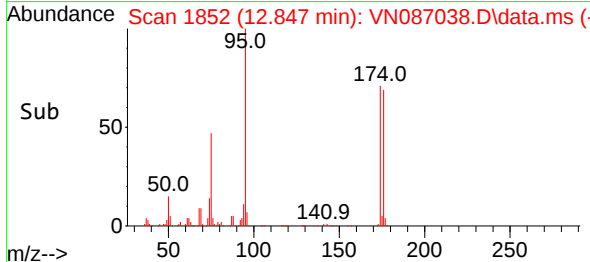
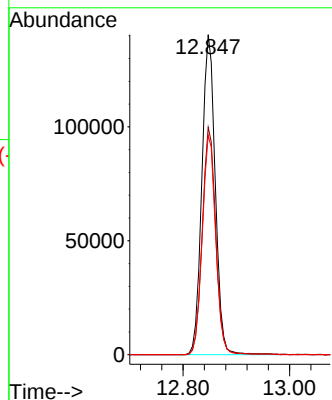
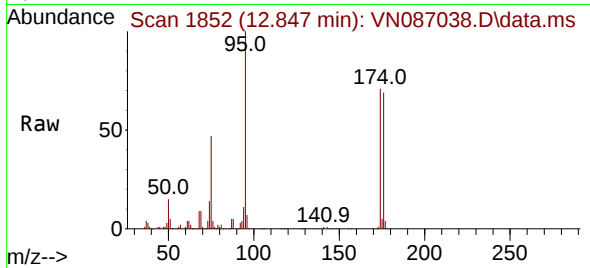




#62
4-Bromofluorobenzene
Concen: 49.867 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087038.D
Acq: 16 Jun 2025 17:41

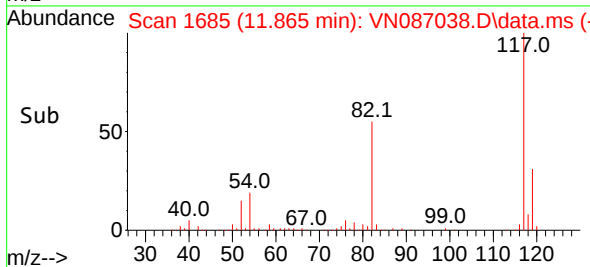
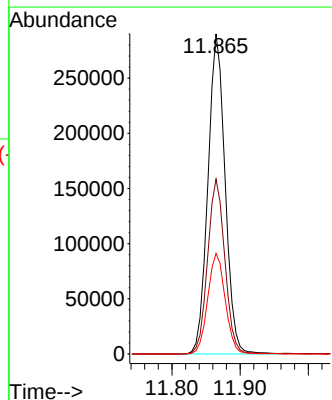
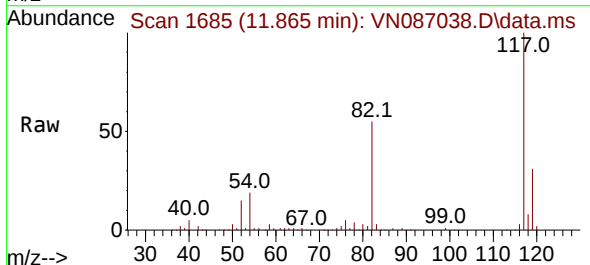
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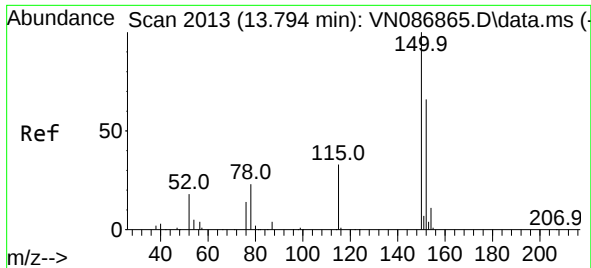
Tgt Ion: 95 Resp: 244670
Ion Ratio Lower Upper
95 100
174 71.3 0.0 141.8
176 68.7 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087038.D
Acq: 16 Jun 2025 17:41

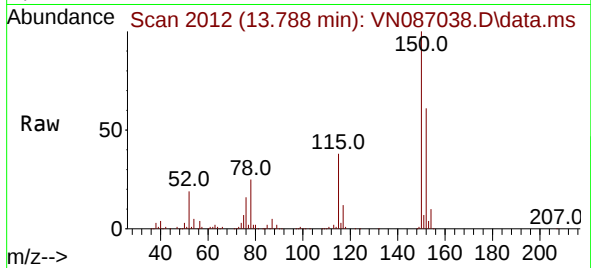
Tgt Ion: 117 Resp: 508781
Ion Ratio Lower Upper
117 100
82 54.6 44.6 67.0
119 31.4 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087038.D
 Acq: 16 Jun 2025 17:41

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:152 Resp: 240142
 Ion Ratio Lower Upper
 152 100
 115 60.7 30.1 90.5
 150 159.1 0.0 345.0

