

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
 Data File : VN086964.D
 Acq On : 11 Jun 2025 21:01
 Operator : JC\MD
 Sample : Q2263-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW9-MW01S-20250606

Quant Time: Jun 12 01:47:39 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)

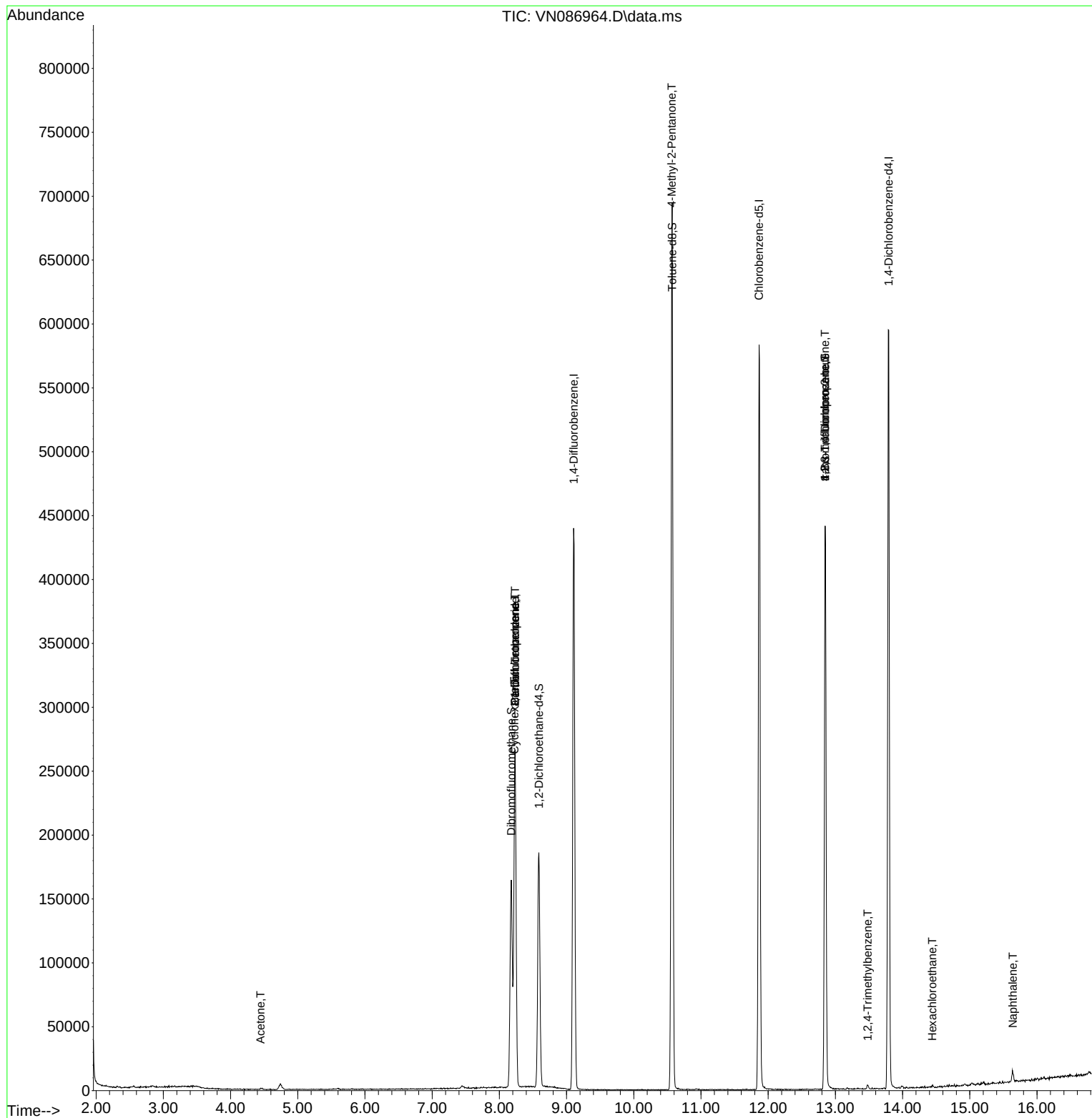
Internal Standards						
1) Pentafluorobenzene	8.235	168	212082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	417259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	370384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	174250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	152843	53.827	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.660%	
35) Dibromofluoromethane	8.177	113	126870	51.307	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.620%	
50) Toluene-d8	10.571	98	506520	51.743	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.480%	
62) 4-Bromofluorobenzene	12.847	95	181778	49.981	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.960%	
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	979	0.650	ug/l #	40
31) Cyclohexane	8.224	56	3711	0.806	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	16630	4.513	ug/l #	48
38) Carbon Tetrachloride	8.235	117	21629	5.979	ug/l #	17
51) 4-Methyl-2-Pentanone	10.565	43	1957	0.432	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	84704	20.450	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	84704	47.075	ug/l #	16
84) 1,2,4-Trimethylbenzene	13.482	105	2503	0.238	ug/l	96
90) Hexachloroethane	14.441	117	1291	0.661	ug/l #	17
95) Naphthalene	15.641	128	8833	0.675	ug/l	99

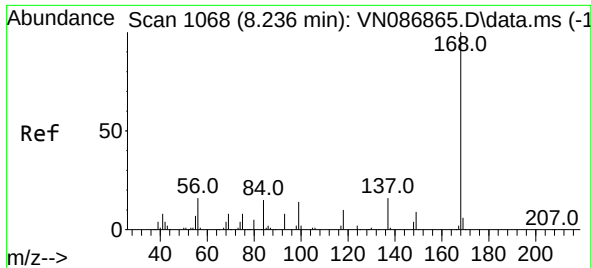
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01S-20250606

Quant Time: Jun 12 01:47:39 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

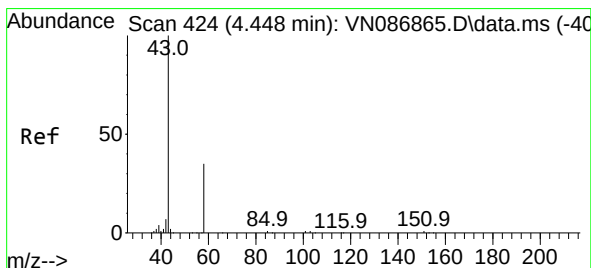
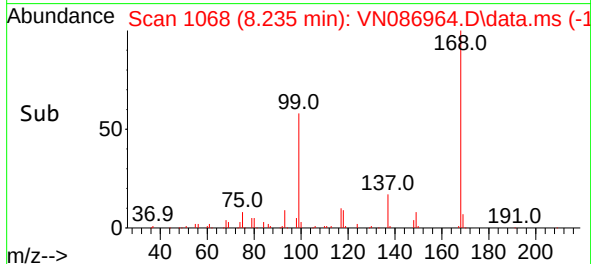
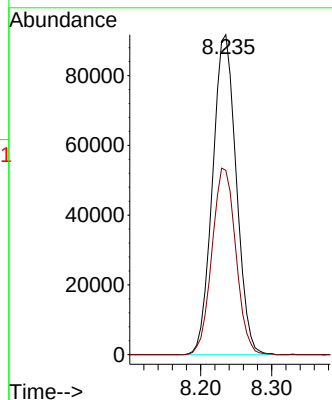
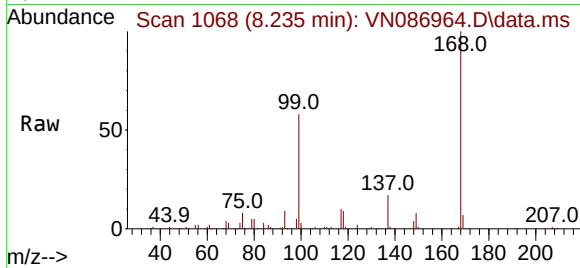




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN086964.D
Acq: 11 Jun 2025 21:01

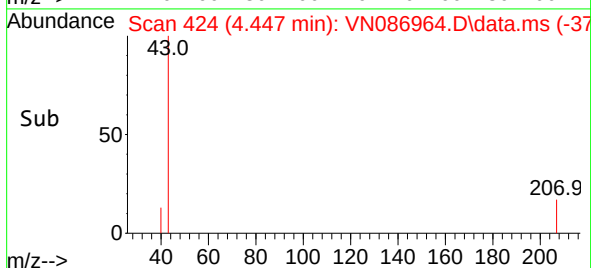
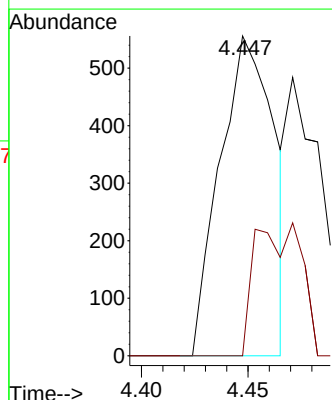
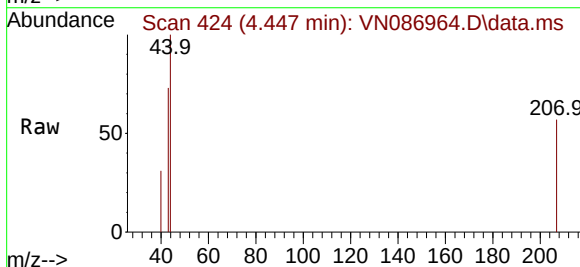
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MSVOA_N
ClientSampleId :
RW9-MW01S-20250606

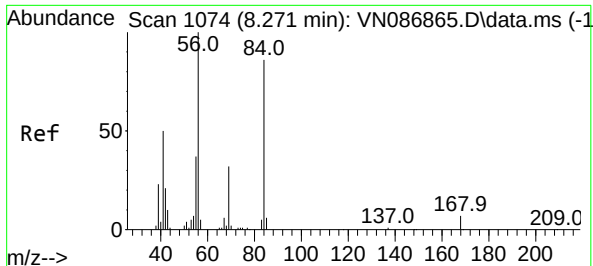
Tgt Ion:168 Resp: 212082
Ion Ratio Lower Upper
168 100
99 57.6 49.1 73.7



#16
Acetone
Concen: 0.650 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086964.D
Acq: 11 Jun 2025 21:01

Tgt Ion: 43 Resp: 979
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#

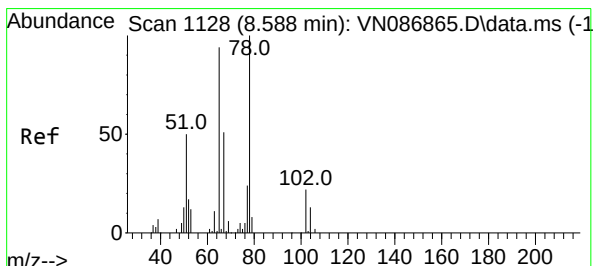
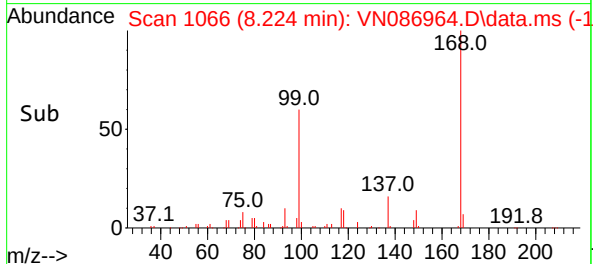
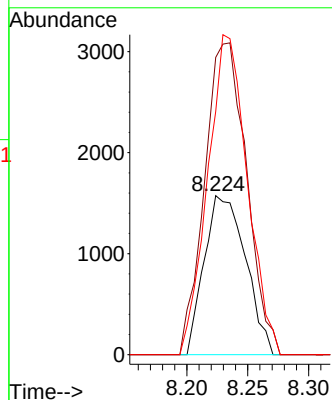
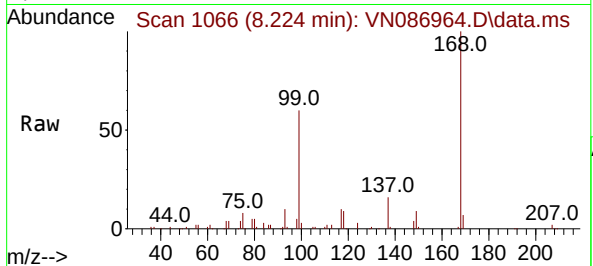




#31
Cyclohexane
Concen: 0.806 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.047 min
Lab File: VN086964.D
Acq: 11 Jun 2025 21:01

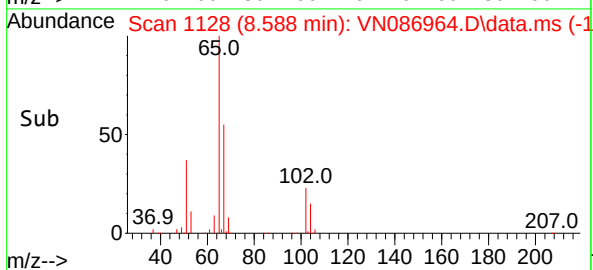
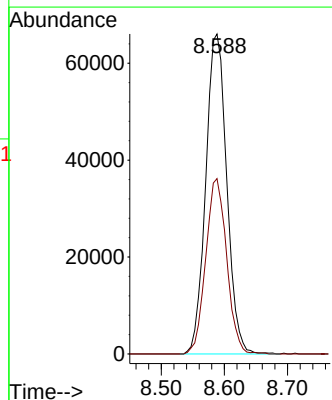
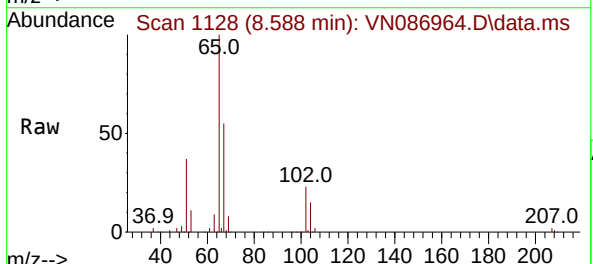
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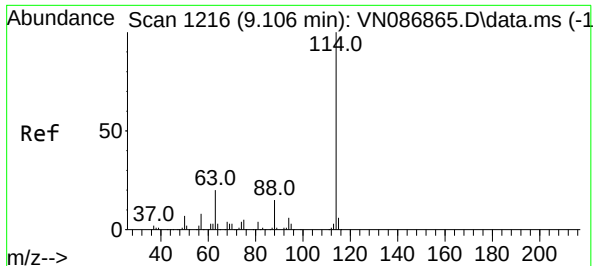
Tgt Ion: 56 Resp: 3711
Ion Ratio Lower Upper
56 100
69 187.0 25.4 38.0#
84 152.9 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 53.827 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN086964.D
Acq: 11 Jun 2025 21:01

Tgt Ion: 65 Resp: 152843
Ion Ratio Lower Upper
65 100
67 54.6 0.0 105.6

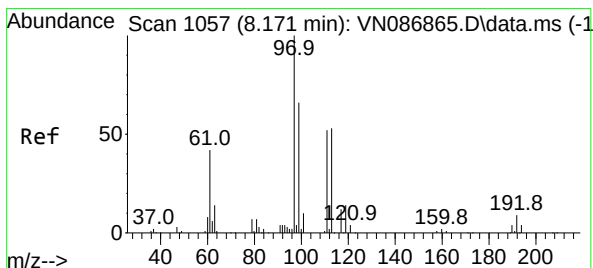
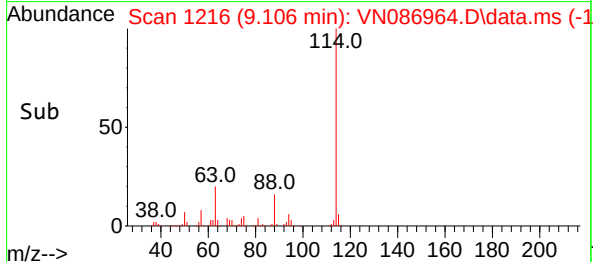
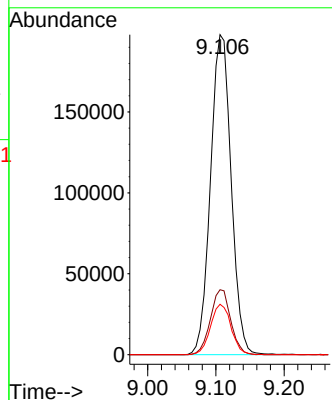
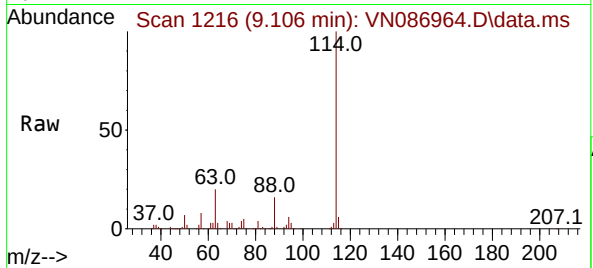




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086964.D
Acq: 11 Jun 2025 21:01

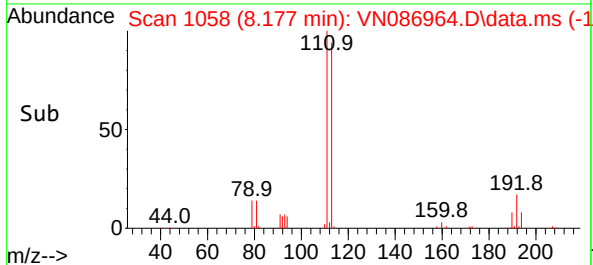
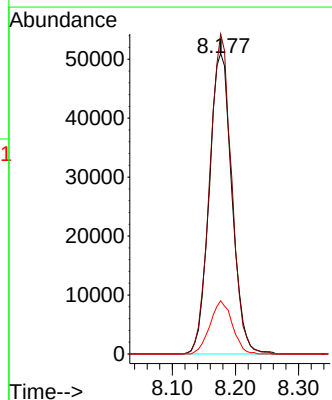
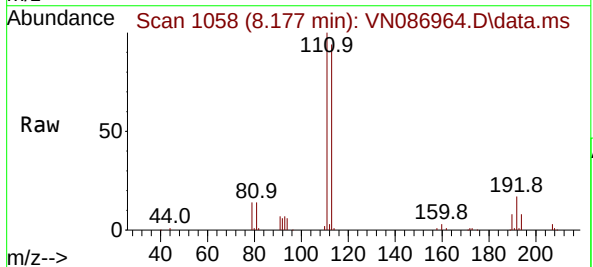
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01S-20250606

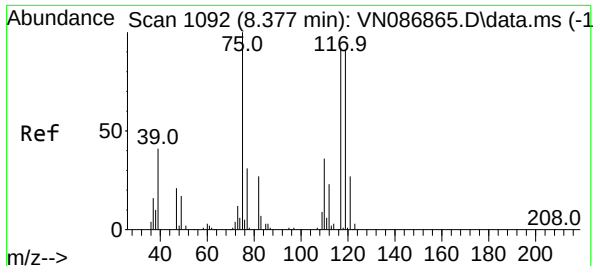
Tgt Ion:114 Resp: 417259
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.6
88 15.8 0.0 30.2



#35
Dibromofluoromethane
Concen: 51.307 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN086964.D
Acq: 11 Jun 2025 21:01

Tgt Ion:113 Resp: 126870
Ion Ratio Lower Upper
113 100
111 102.8 84.2 126.2
192 17.4 14.2 21.4

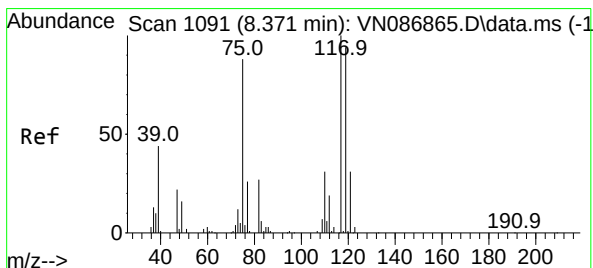
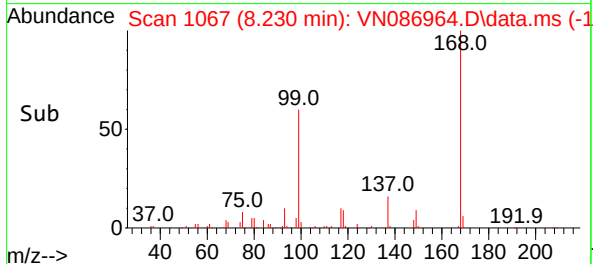
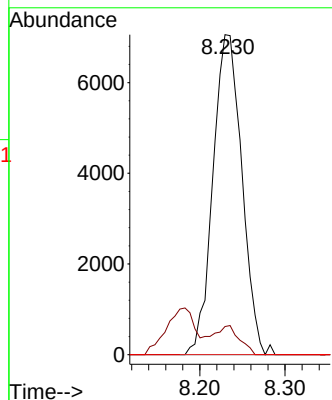
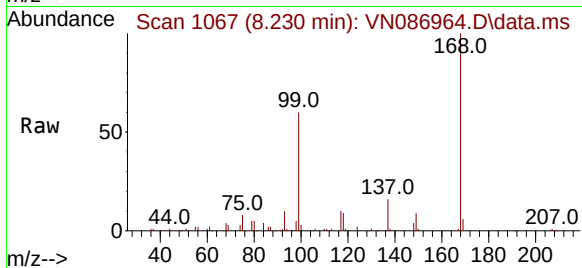




#36
1,1-Dichloropropene
Concen: 4.513 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN086964.D
Acq: 11 Jun 2025 21:01

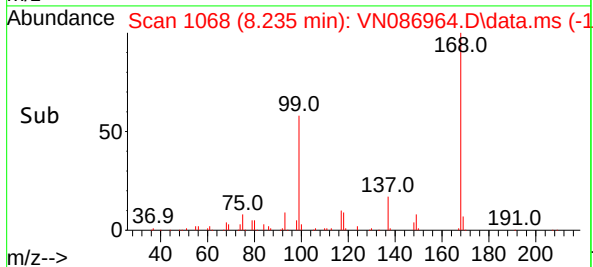
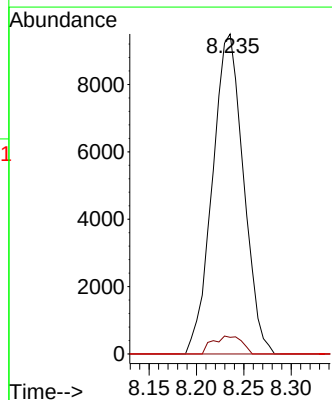
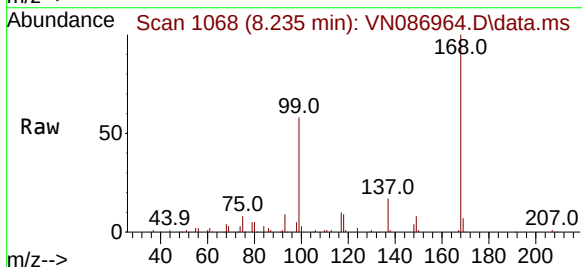
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RW9-MW01S-20250606

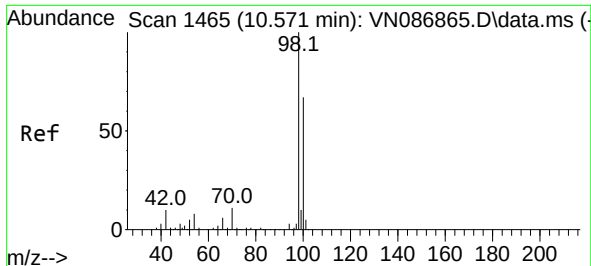
Tgt Ion: 75 Resp: 16630
Ion Ratio Lower Upper
75 100
110 7.2 17.6 52.9#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.979 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VN086964.D
Acq: 11 Jun 2025 21:01

Tgt Ion: 117 Resp: 21629
Ion Ratio Lower Upper
117 100
119 5.2 75.0 112.6#
121 0.0 24.9 37.3#

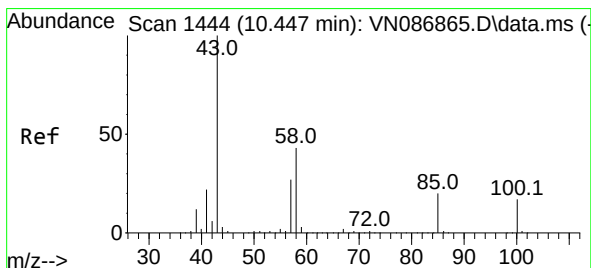
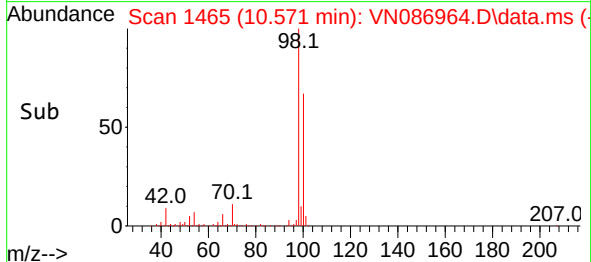
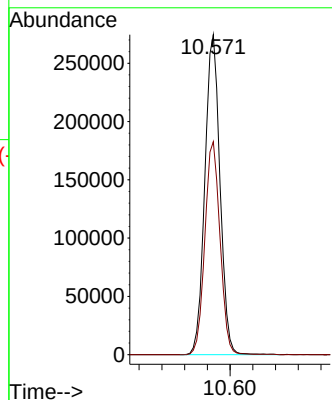
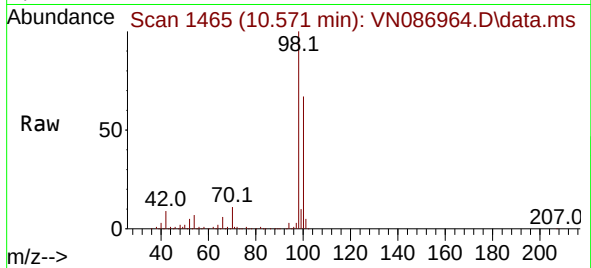




#50
Toluene-d8
Concen: 51.743 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086964.D
Acq: 11 Jun 2025 21:01

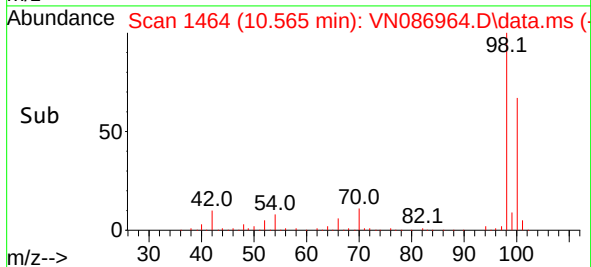
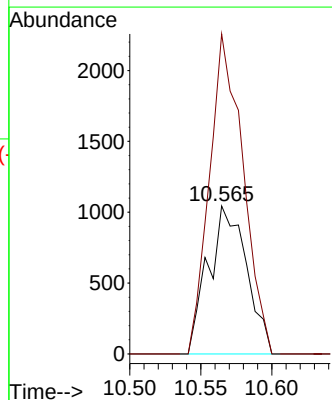
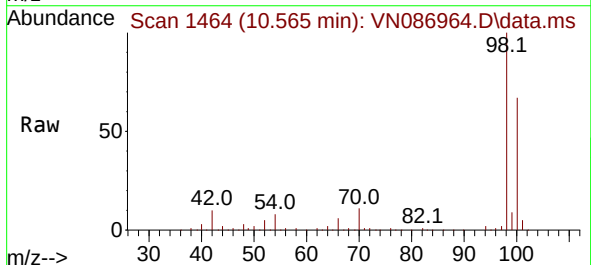
Instrument :
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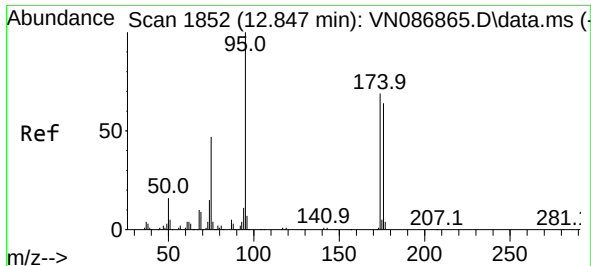
Tgt Ion: 98 Resp: 506520
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 0.432 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.117 min
Lab File: VN086964.D
Acq: 11 Jun 2025 21:01

Tgt Ion: 43 Resp: 1957
Ion Ratio Lower Upper
43 100
58 189.9 34.2 51.4#

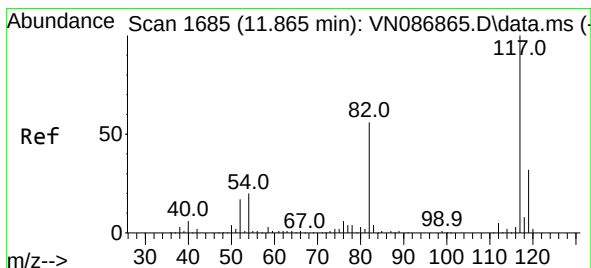
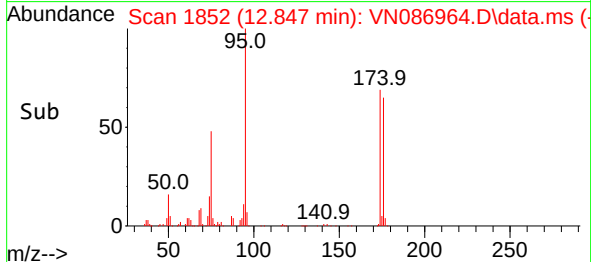
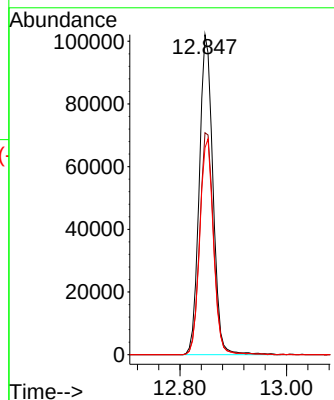
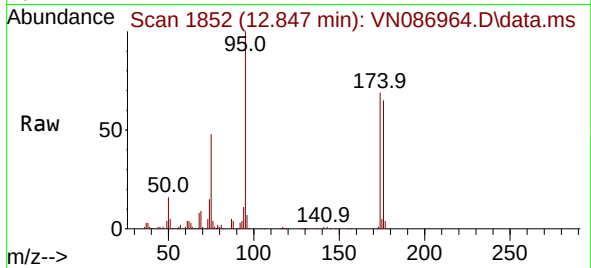




#62
4-Bromofluorobenzene
Concen: 49.981 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086964.D
Acq: 11 Jun 2025 21:01

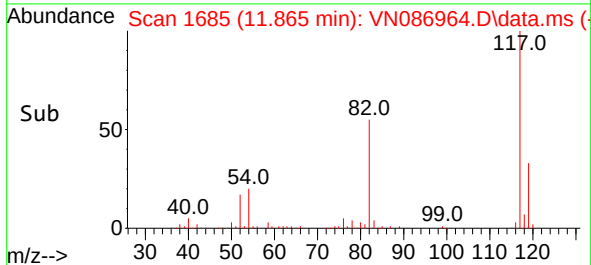
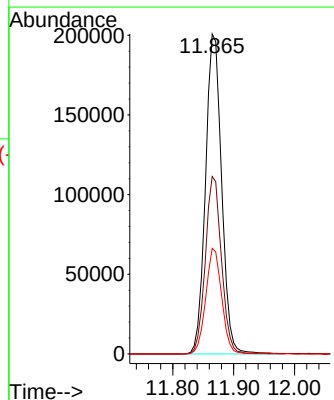
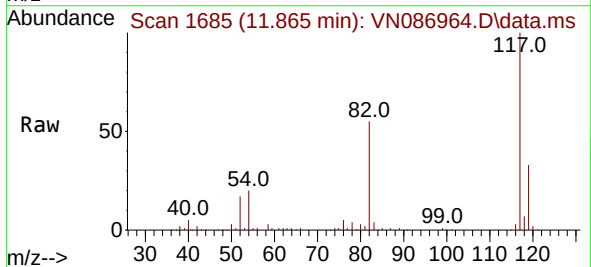
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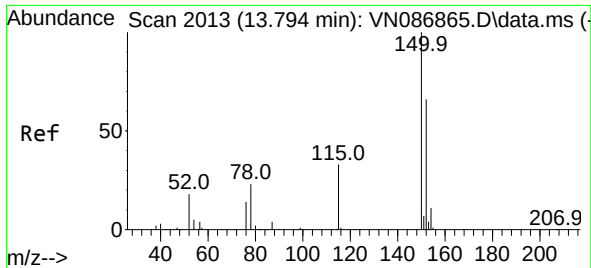
Tgt Ion: 95 Resp: 181778
Ion Ratio Lower Upper
95 100
174 70.3 0.0 141.8
176 67.5 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086964.D
Acq: 11 Jun 2025 21:01

Tgt Ion: 117 Resp: 370384
Ion Ratio Lower Upper
117 100
82 55.4 44.6 67.0
119 33.0 25.5 38.3

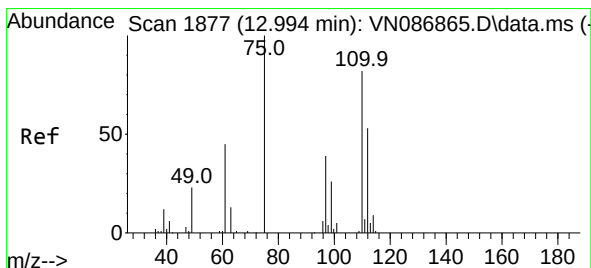
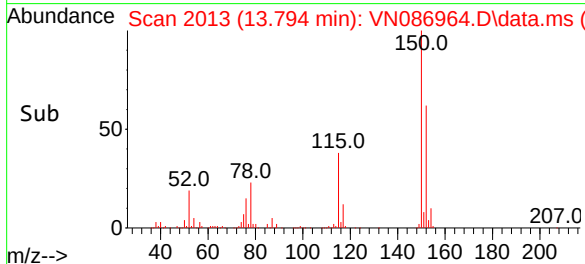
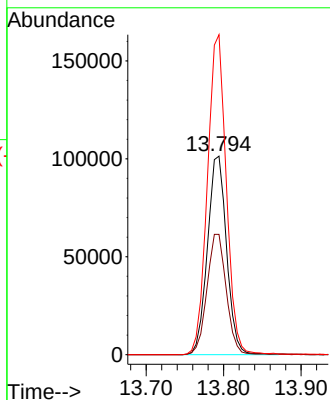
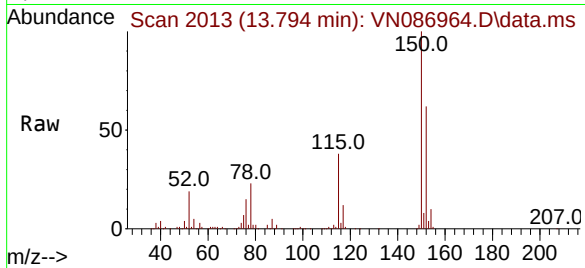




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN086964.D
 Acq: 11 Jun 2025 21:01

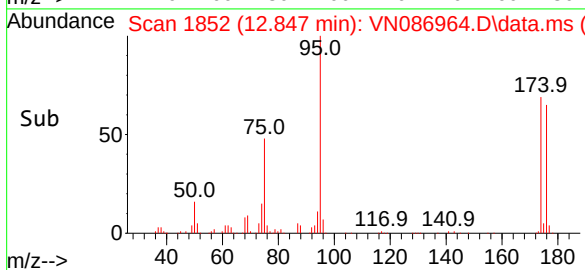
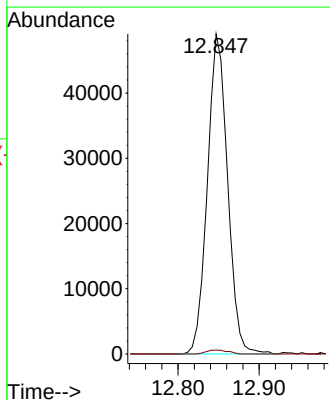
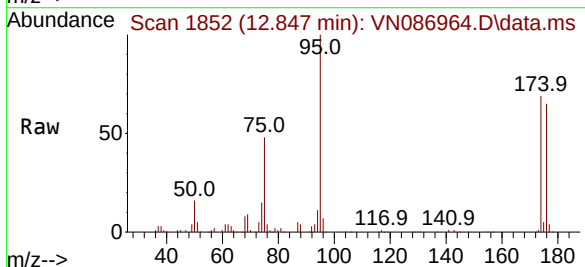
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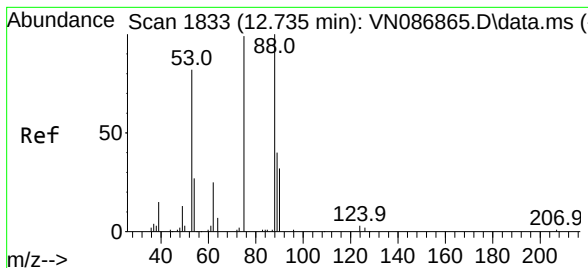
Tgt Ion:152 Resp: 174250
 Ion Ratio Lower Upper
 152 100
 115 61.2 30.1 90.5
 150 159.1 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 20.450 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN086964.D
 Acq: 11 Jun 2025 21:01

Tgt Ion: 75 Resp: 84704
 Ion Ratio Lower Upper
 75 100
 77 1.3 79.3 237.9#

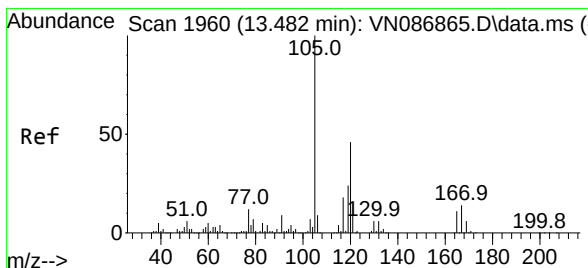
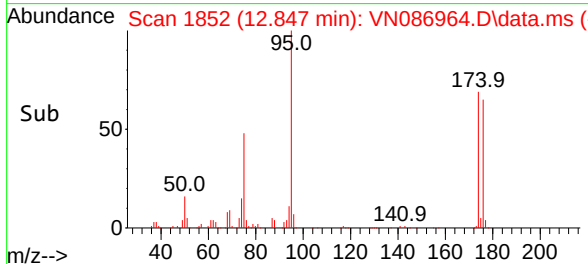
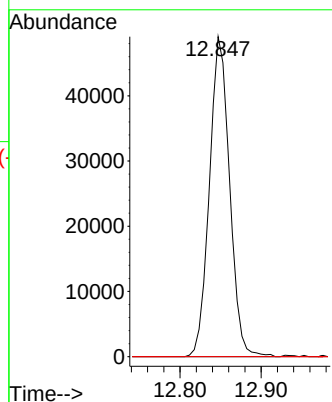
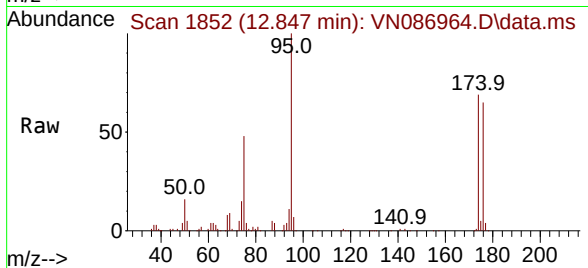




#81
trans-1,4-Dichloro-2-butene
Concen: 47.075 ug/l
RT: 12.847 min Scan# 1833
Delta R.T. 0.112 min
Lab File: VN086964.D
Acq: 11 Jun 2025 21:01

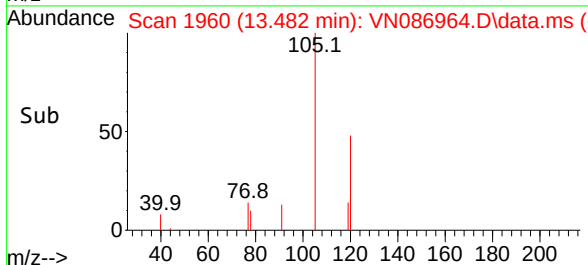
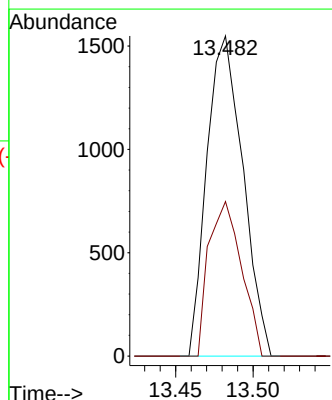
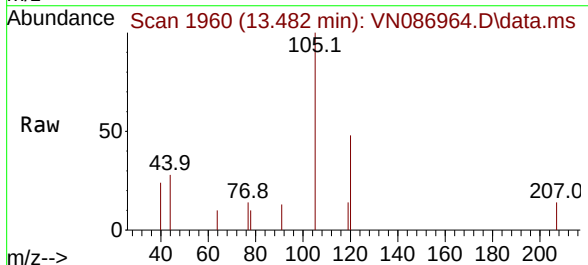
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01S-20250606

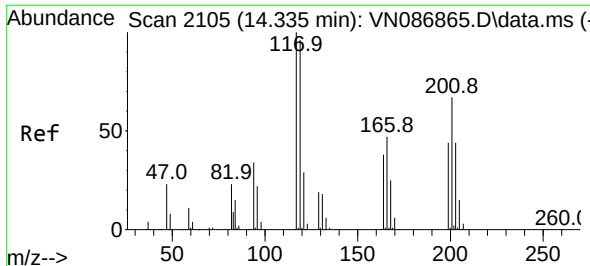
Tgt Ion: 75 Resp: 84704
Ion Ratio Lower Upper
75 100
53 0.0 66.6 99.8#
89 0.0 36.7 55.1#



#84
1,2,4-Trimethylbenzene
Concen: 0.238 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086964.D
Acq: 11 Jun 2025 21:01

Tgt Ion: 105 Resp: 2503
Ion Ratio Lower Upper
105 100
120 43.9 23.2 69.6

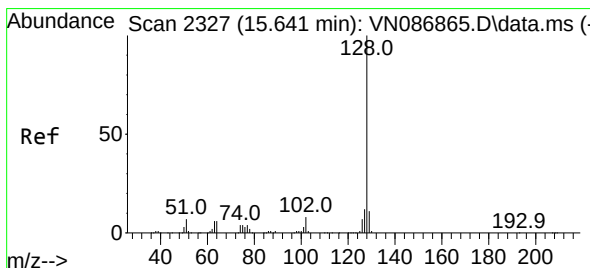
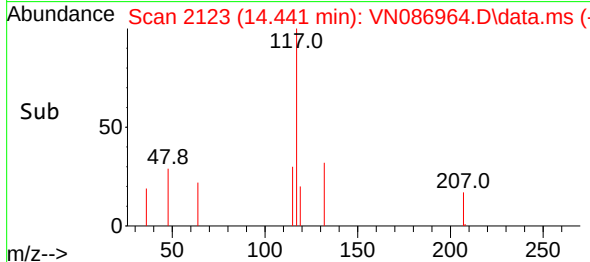
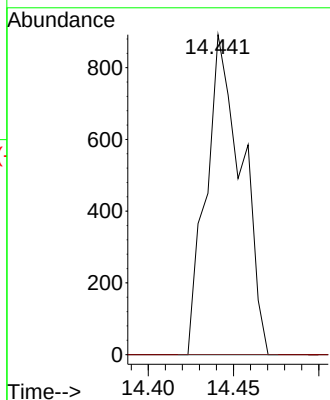
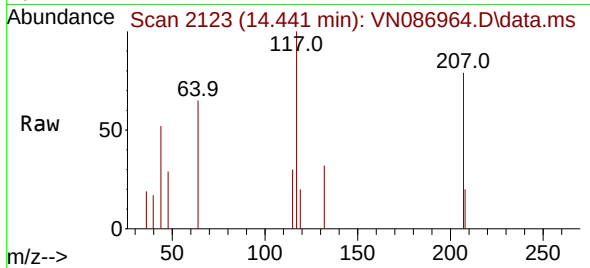




#90
Hexachloroethane
Concen: 0.661 ug/l
RT: 14.441 min Scan# 2105
Delta R.T. 0.106 min
Lab File: VN086964.D
Acq: 11 Jun 2025 21:01

Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01S-20250606

Tgt Ion:117 Resp: 1291
Ion Ratio Lower Upper
117 100
201 0.0 33.2 99.6#



#95
Naphthalene
Concen: 0.675 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN086964.D
Acq: 11 Jun 2025 21:01

Tgt Ion:128 Resp: 8833
Ion Ratio Lower Upper
128 100
127 12.1 10.2 15.2
129 10.7 8.8 13.2

