

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
 Data File : VN086949.D
 Acq On : 11 Jun 2025 15:28
 Operator : JC\MD
 Sample : Q2202-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-20250603

Quant Time: Jun 12 01:34:20 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)

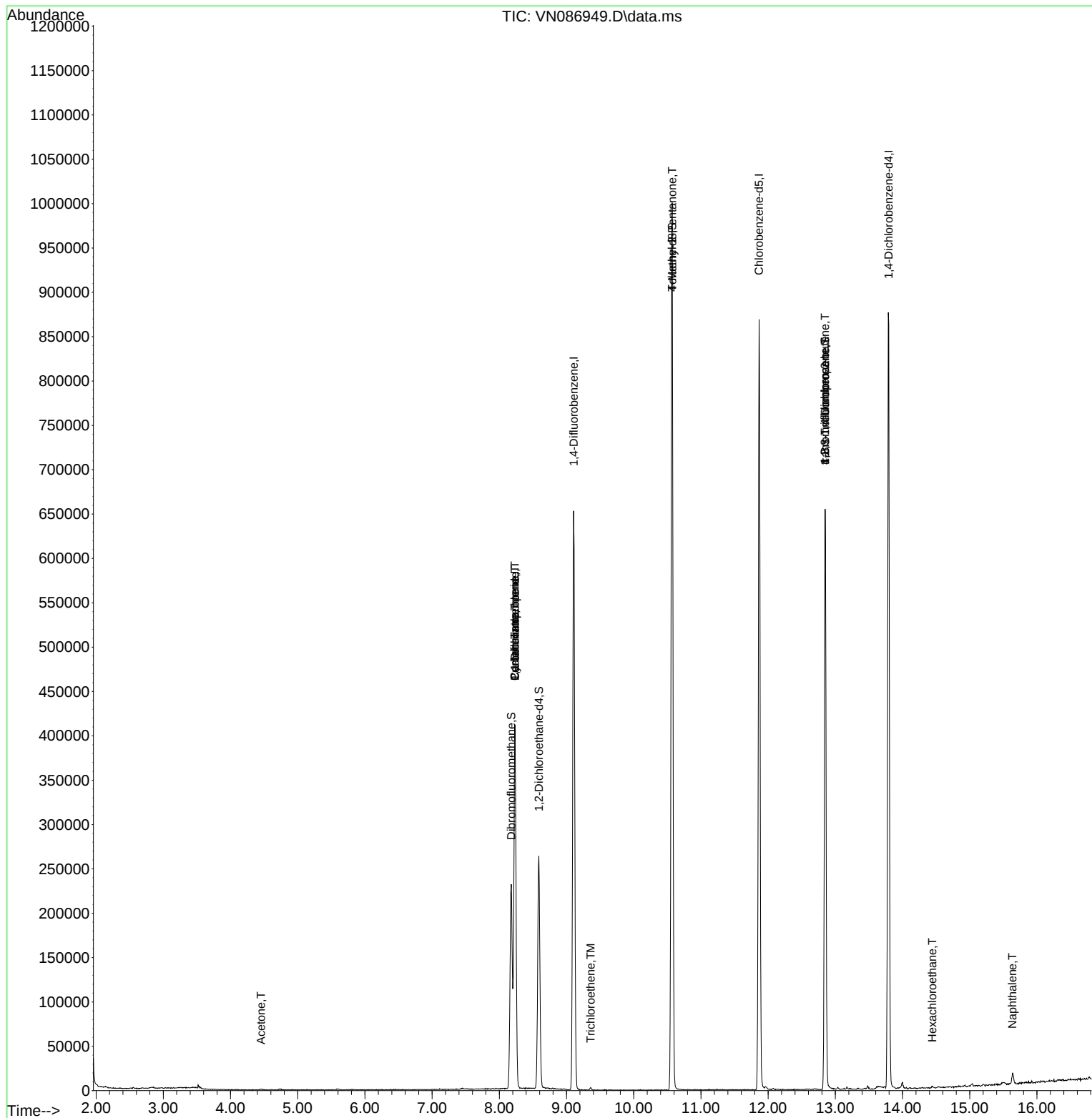
Internal Standards						
1) Pentafluorobenzene	8.230	168	324235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	611383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	538730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	263158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	212072	48.852	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.700%		
35) Dibromofluoromethane	8.177	113	178799	49.348	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.700%		
50) Toluene-d8	10.571	98	743447	51.832	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.660%		
62) 4-Bromofluorobenzene	12.847	95	264799	49.691	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.380%		
Target Compounds					Qvalue	
16) Acetone	4.453	43	1382	0.600	ug/l	89
31) Cyclohexane	8.230	56	5736	0.815	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	25275	4.681	ug/l #	49
38) Carbon Tetrachloride	8.230	117	30850	5.820	ug/l #	17
44) Trichloroethene	9.359	130	1240	0.296	ug/l	84
51) 4-Methyl-2-Pentanone	10.571	43	2626	0.395	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	121676	19.451	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	121676	44.776	ug/l #	16
90) Hexachloroethane	14.441	117	1405	0.477	ug/l #	17
95) Naphthalene	15.635	128	13123	0.664	ug/l	98

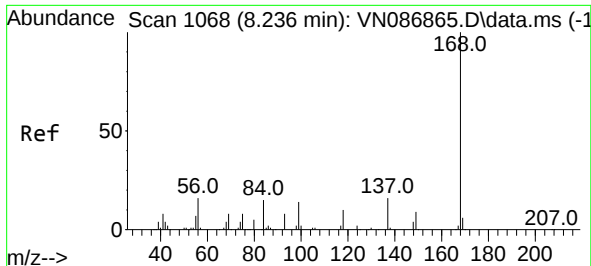
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086949.D
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TB-20250603

Quant Time: Jun 12 01:34:20 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

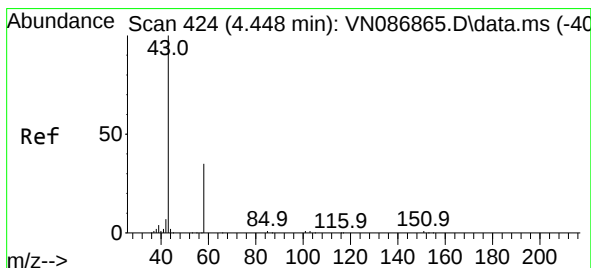
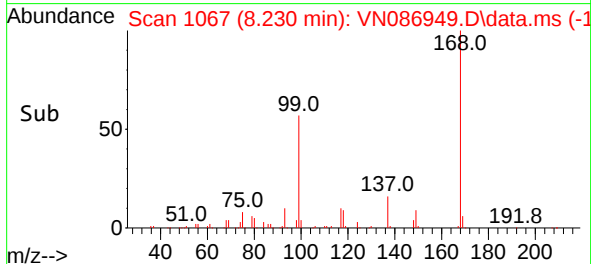
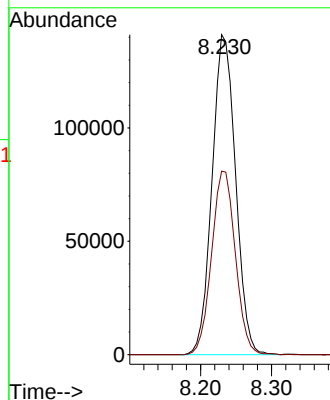
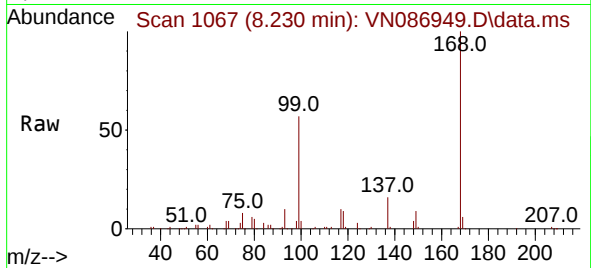




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.006 min
Lab File: VN086949.D
Acq: 11 Jun 2025 15:28

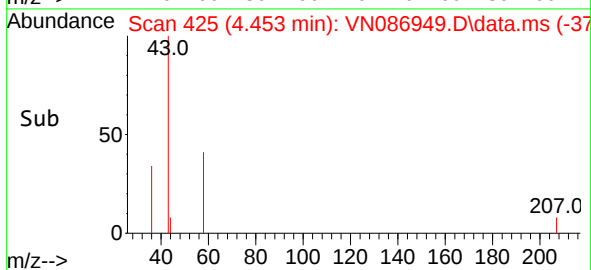
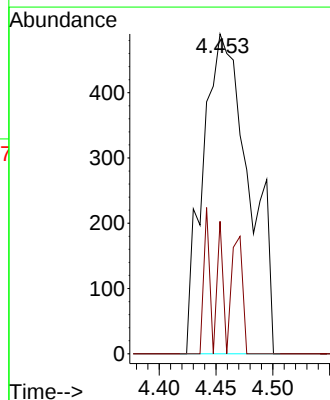
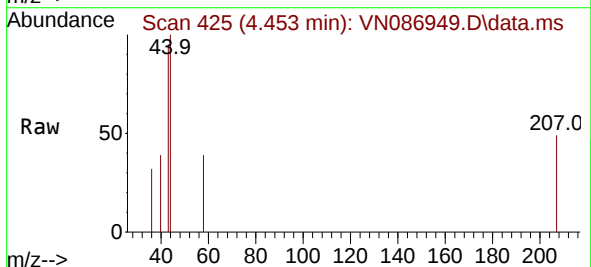
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MSVOA_N
ClientSampleId :
TB-20250603

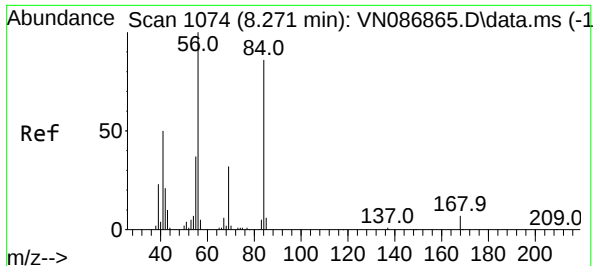
Tgt Ion:168 Resp: 324235
Ion Ratio Lower Upper
168 100
99 57.3 49.1 73.7



#16
Acetone
Concen: 0.600 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN086949.D
Acq: 11 Jun 2025 15:28

Tgt Ion: 43 Resp: 1382
Ion Ratio Lower Upper
43 100
58 41.4 28.0 42.0

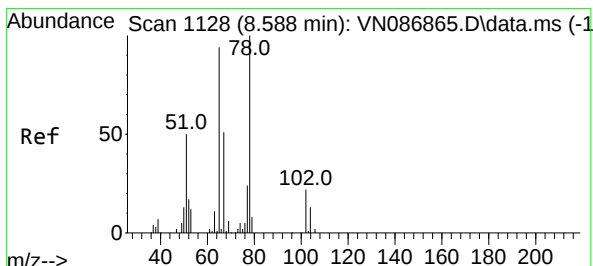
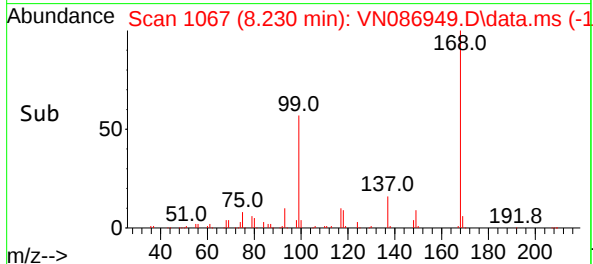
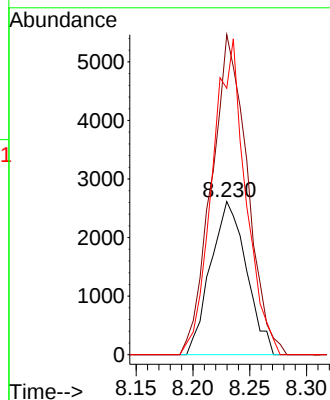
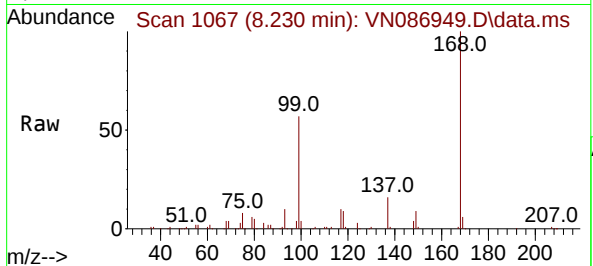




#31
Cyclohexane
Concen: 0.815 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.041 min
Lab File: VN086949.D
Acq: 11 Jun 2025 15:28

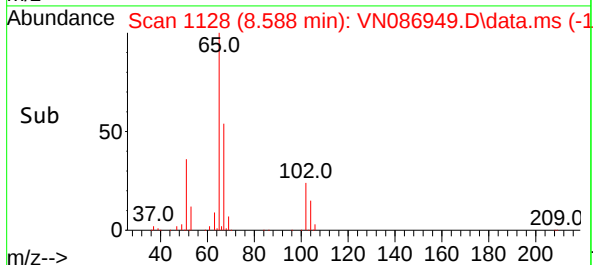
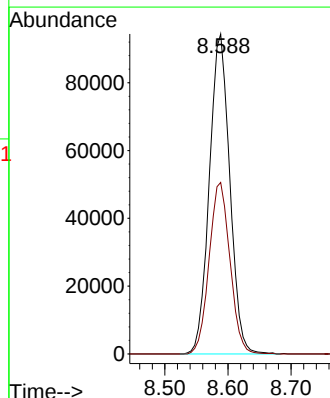
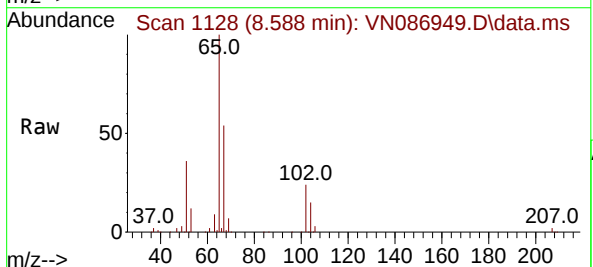
Instrument :
MSVOA_N
ClientSampleId :
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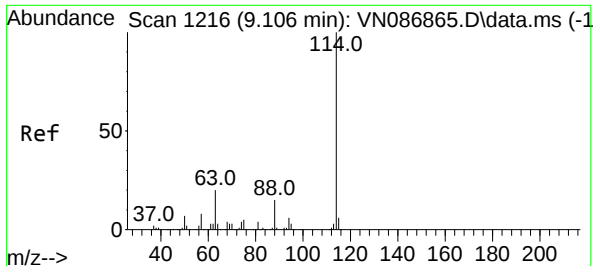
Tgt Ion: 56 Resp: 5736
Ion Ratio Lower Upper
56 100
69 208.9 25.4 38.0#
84 173.9 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 48.852 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN086949.D
Acq: 11 Jun 2025 15:28

Tgt Ion: 65 Resp: 212072
Ion Ratio Lower Upper
65 100
67 54.7 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086949.D

Acq: 11 Jun 2025 15:28

Instrument :

MSVOA_N

ClientSampleId :

TB-20250603

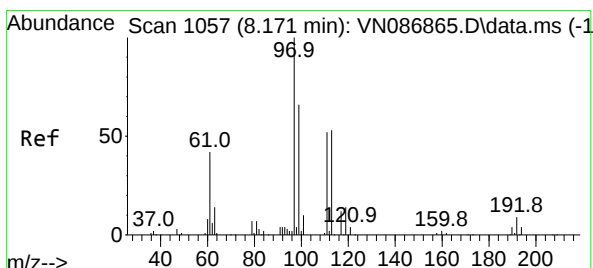
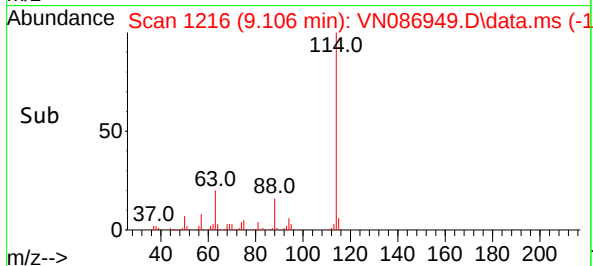
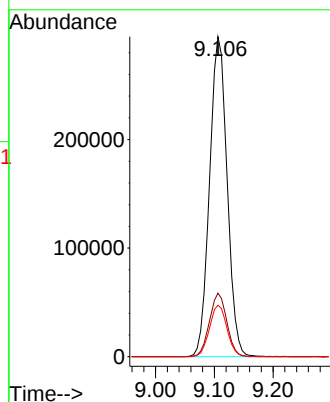
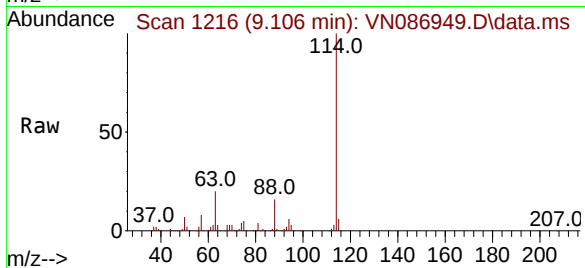
Tgt Ion:114 Resp: 611383

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 16.0 0.0 30.2



#35

Dibromofluoromethane

Concen: 49.348 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN086949.D

Acq: 11 Jun 2025 15:28

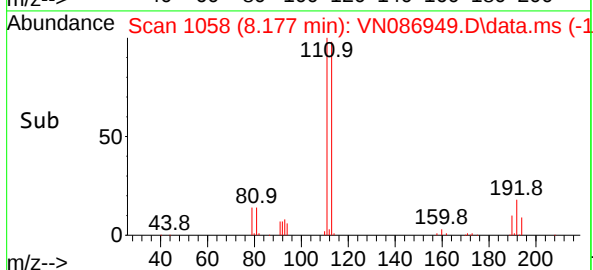
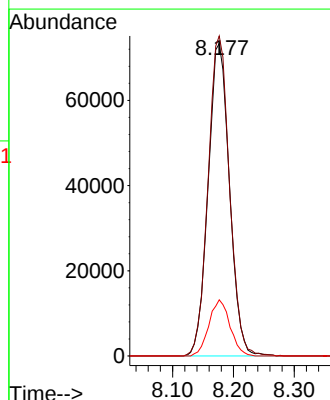
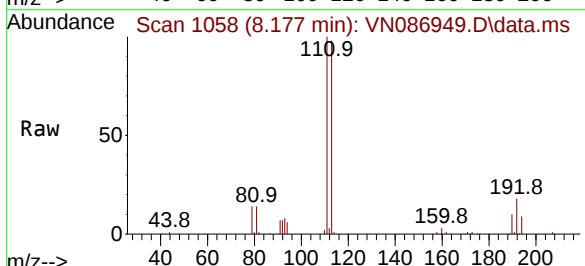
Tgt Ion:113 Resp: 178799

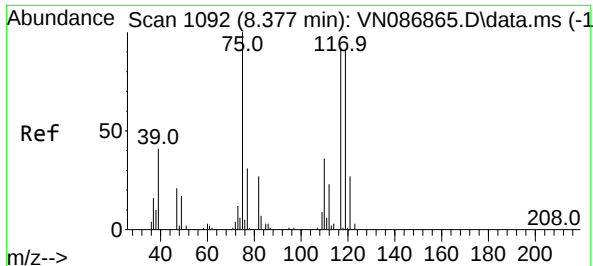
Ion Ratio Lower Upper

113 100

111 102.6 84.2 126.2

192 17.7 14.2 21.4

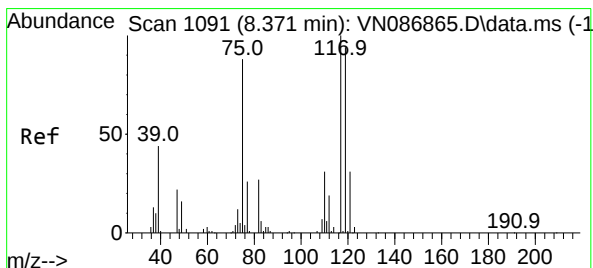
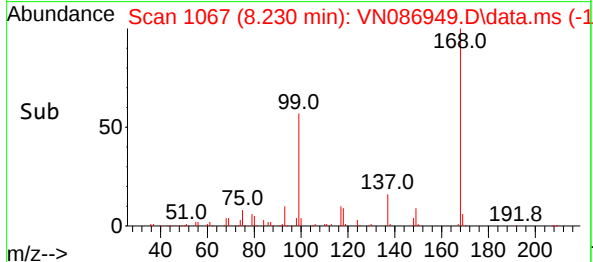
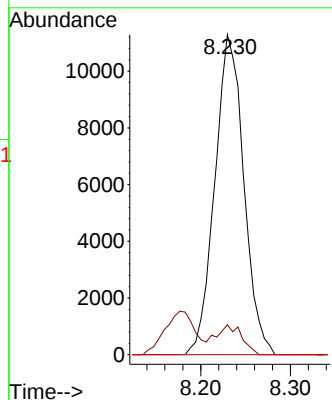
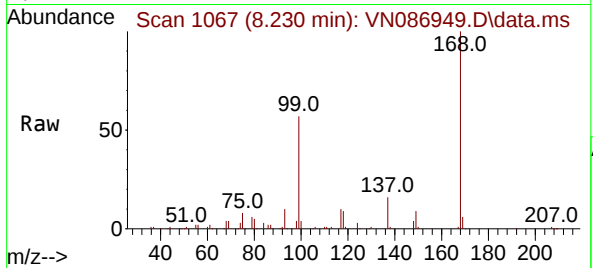




#36
1,1-Dichloropropene
Concen: 4.681 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN086949.D
Acq: 11 Jun 2025 15:28

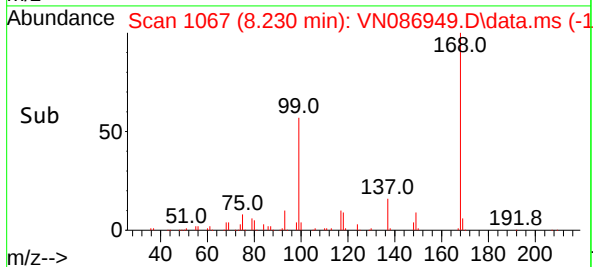
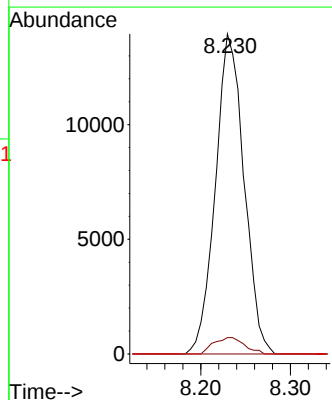
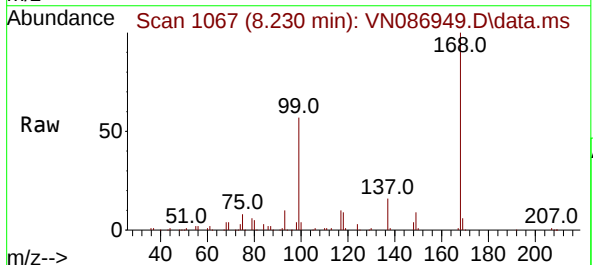
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MSVOA_N
ClientSampleId :
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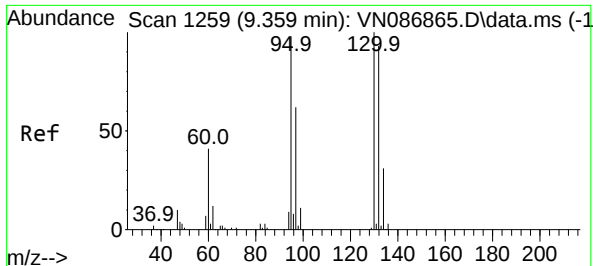
Tgt Ion: 75 Resp: 25275
Ion Ratio Lower Upper
75 100
110 8.3 17.6 52.9#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.820 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN086949.D
Acq: 11 Jun 2025 15:28

Tgt Ion: 117 Resp: 30850
Ion Ratio Lower Upper
117 100
119 5.1 75.0 112.6#
121 0.0 24.9 37.3#

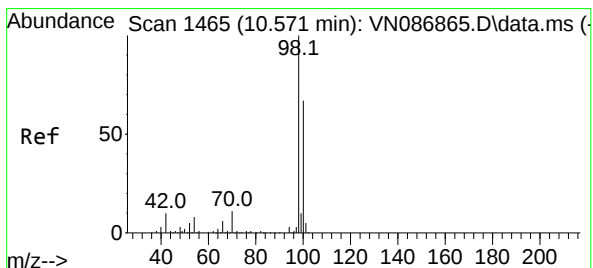
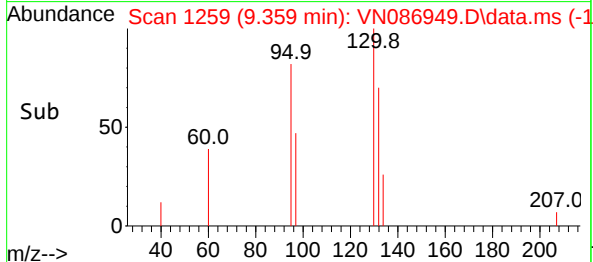
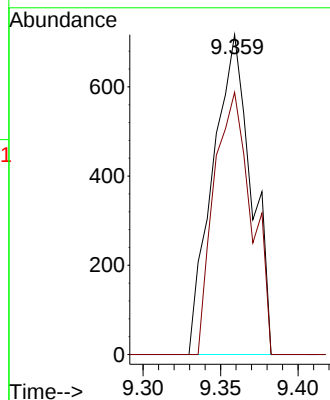
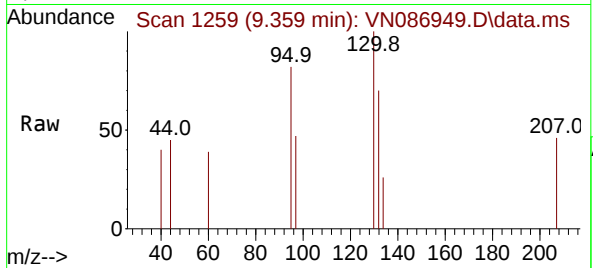




#44
Trichloroethene
Concen: 0.296 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086949.D
Acq: 11 Jun 2025 15:28

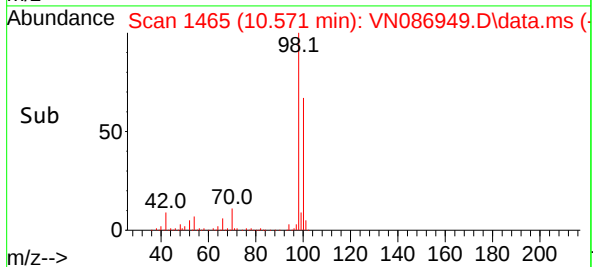
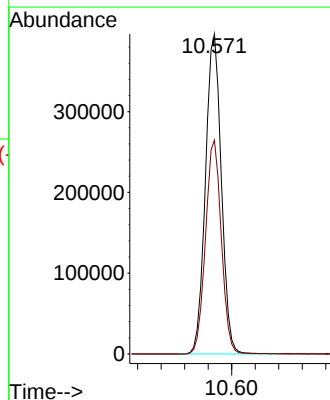
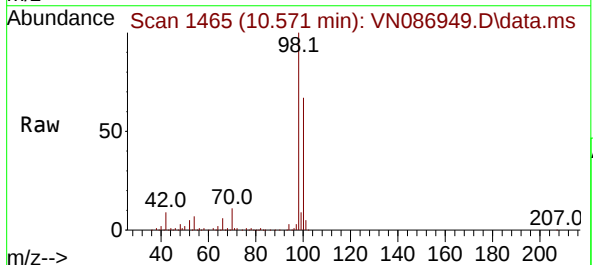
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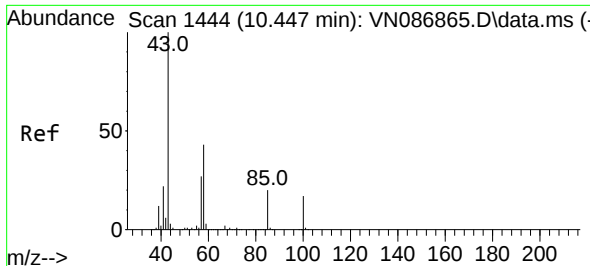
Tgt Ion:130 Resp: 1240
Ion Ratio Lower Upper
130 100
95 82.0 0.0 196.2



#50
Toluene-d8
Concen: 51.832 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086949.D
Acq: 11 Jun 2025 15:28

Tgt Ion: 98 Resp: 743447
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.0

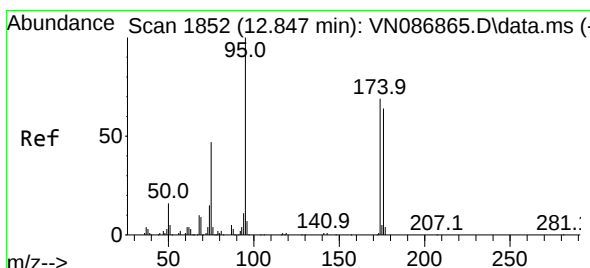
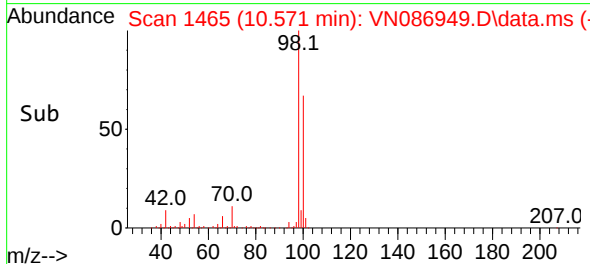
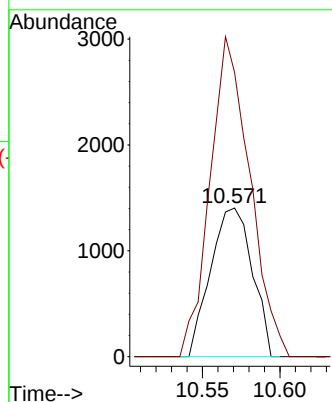
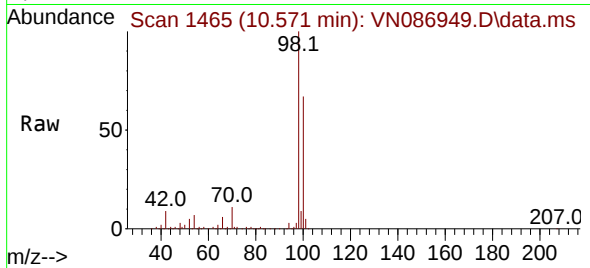




#51
4-Methyl-2-Pentanone
Concen: 0.395 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.123 min
Lab File: VN086949.D
Acq: 11 Jun 2025 15:28

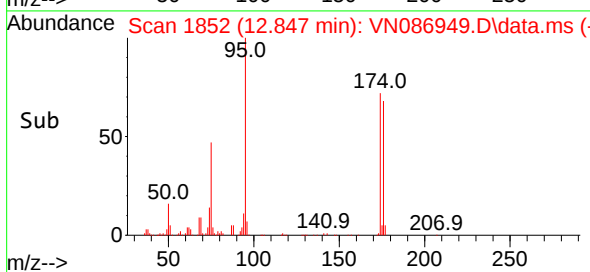
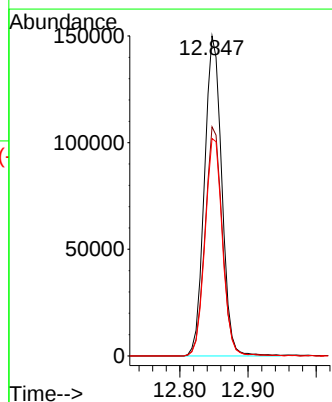
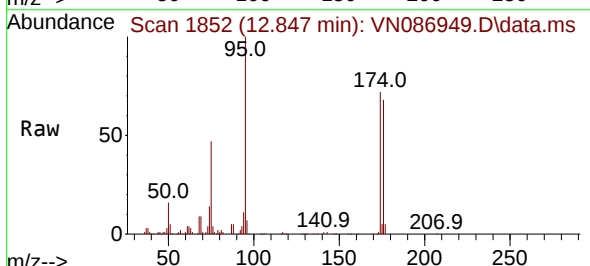
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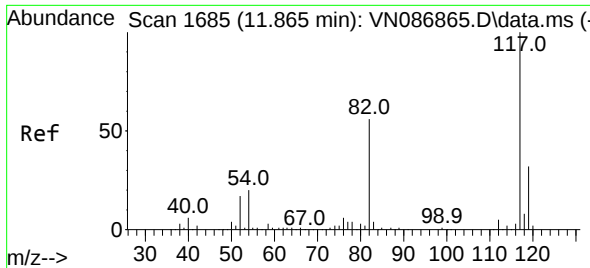
Tgt Ion: 43 Resp: 2626
Ion Ratio Lower Upper
43 100
58 205.3 34.2 51.4#



#62
4-Bromofluorobenzene
Concen: 49.691 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086949.D
Acq: 11 Jun 2025 15:28

Tgt Ion: 95 Resp: 264799
Ion Ratio Lower Upper
95 100
174 71.5 0.0 141.8
176 68.6 0.0 132.6

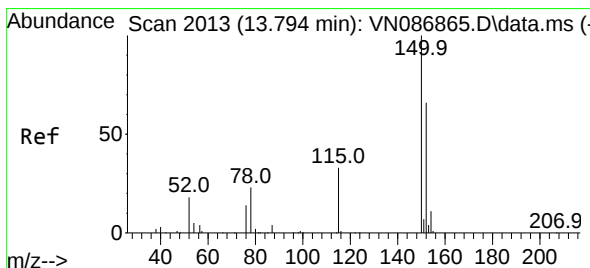
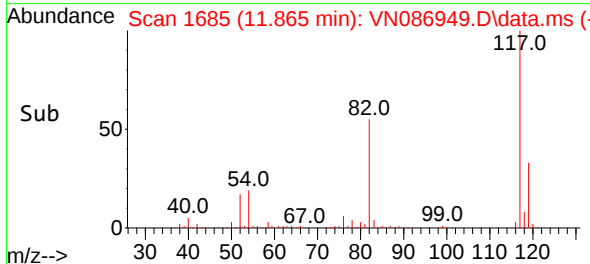
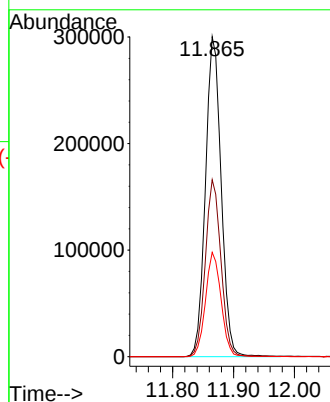
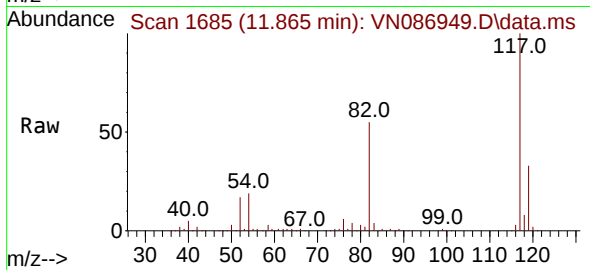




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086949.D
Acq: 11 Jun 2025 15:28

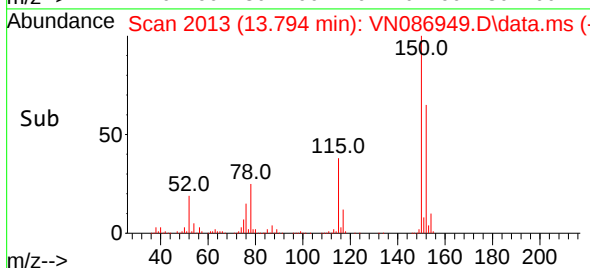
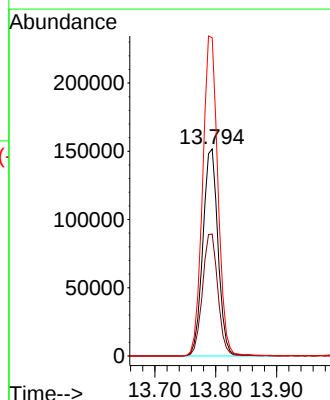
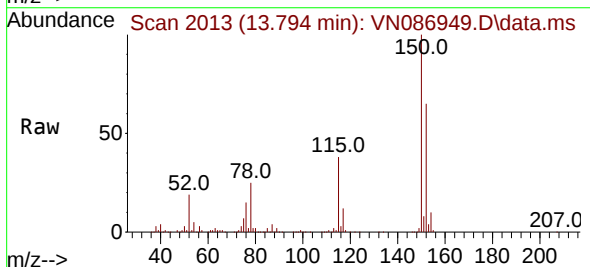
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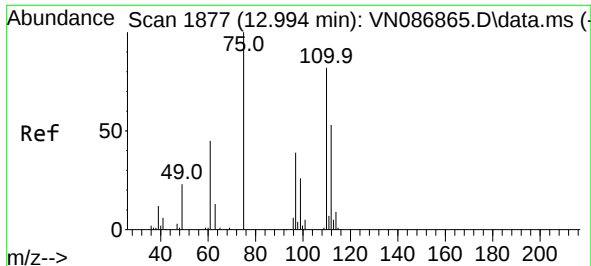
Tgt Ion:117 Resp: 538730
Ion Ratio Lower Upper
117 100
82 55.3 44.6 67.0
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN086949.D
Acq: 11 Jun 2025 15:28

Tgt Ion:152 Resp: 263158
Ion Ratio Lower Upper
152 100
115 59.8 30.1 90.5
150 155.6 0.0 345.0

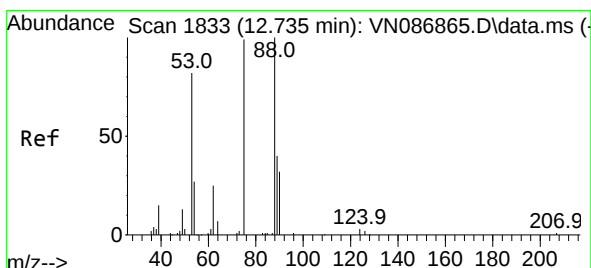
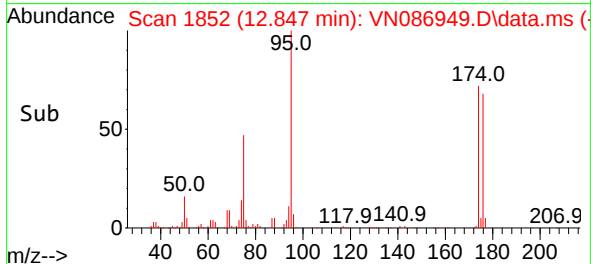
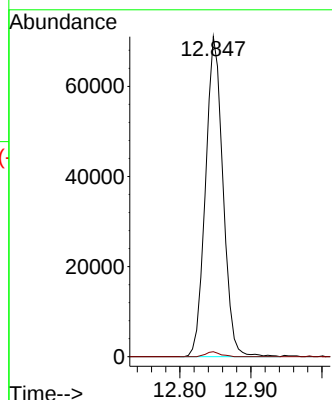
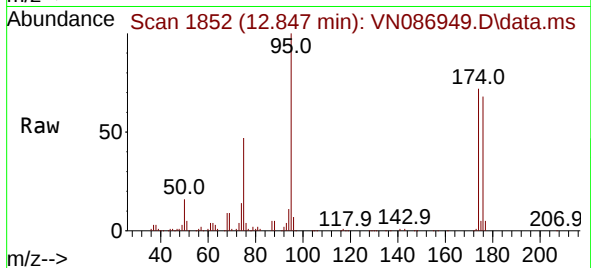




#76
1,2,3-Trichloropropane
Concen: 19.451 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN086949.D
Acq: 11 Jun 2025 15:28

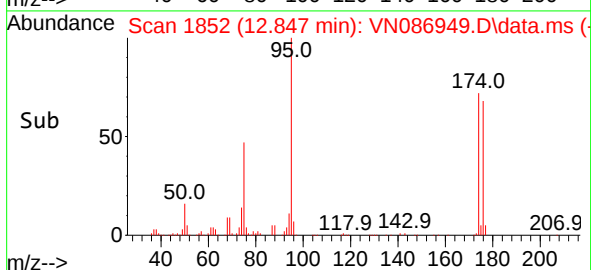
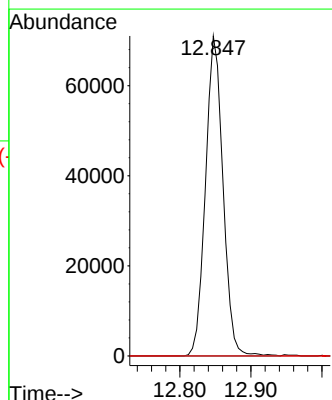
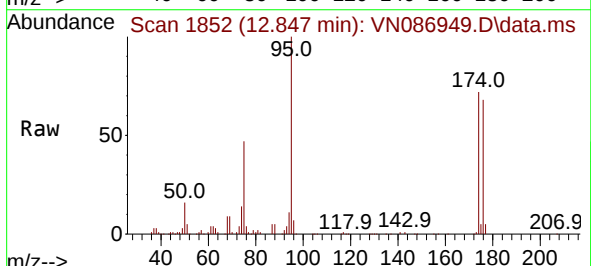
Instrument :
MSVOA_N
ClientSampleId :
TB-20250603

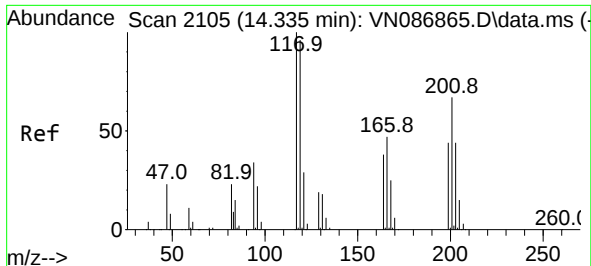
Tgt Ion: 75 Resp: 121676
Ion Ratio Lower Upper
75 100
77 1.3 79.3 237.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 44.776 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086949.D
Acq: 11 Jun 2025 15:28

Tgt Ion: 75 Resp: 121676
Ion Ratio Lower Upper
75 100
53 0.0 66.6 99.8#
89 0.0 36.7 55.1#

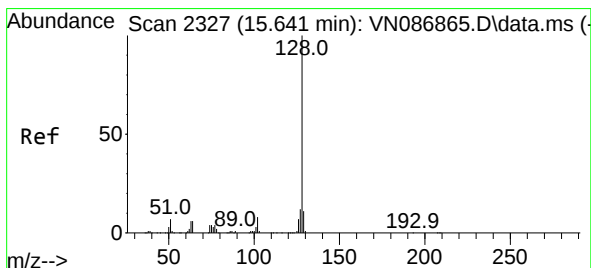
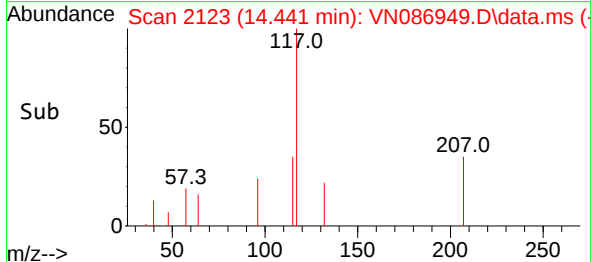
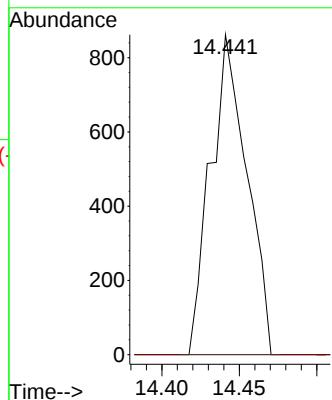
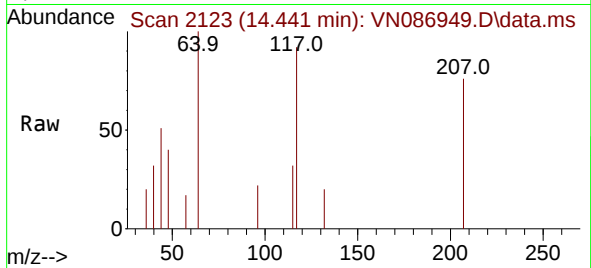




#90
Hexachloroethane
Concen: 0.477 ug/l
RT: 14.441 min Scan# 2105
Delta R.T. 0.106 min
Lab File: VN086949.D
Acq: 11 Jun 2025 15:28

Instrument :
MSVOA_N
ClientSampleId :
TB-20250603

Tgt Ion:117 Resp: 1405
Ion Ratio Lower Upper
117 100
201 0.0 33.2 99.6#



#95
Naphthalene
Concen: 0.664 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN086949.D
Acq: 11 Jun 2025 15:28

Tgt Ion:128 Resp: 13123
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.2
129 10.0 8.8 13.2

