

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
 Data File : VN086926.D
 Acq On : 10 Jun 2025 14:17
 Operator : JC\MD
 Sample : Q2251-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VPB182-HYD-20250605

Quant Time: Jun 11 01:55:18 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)

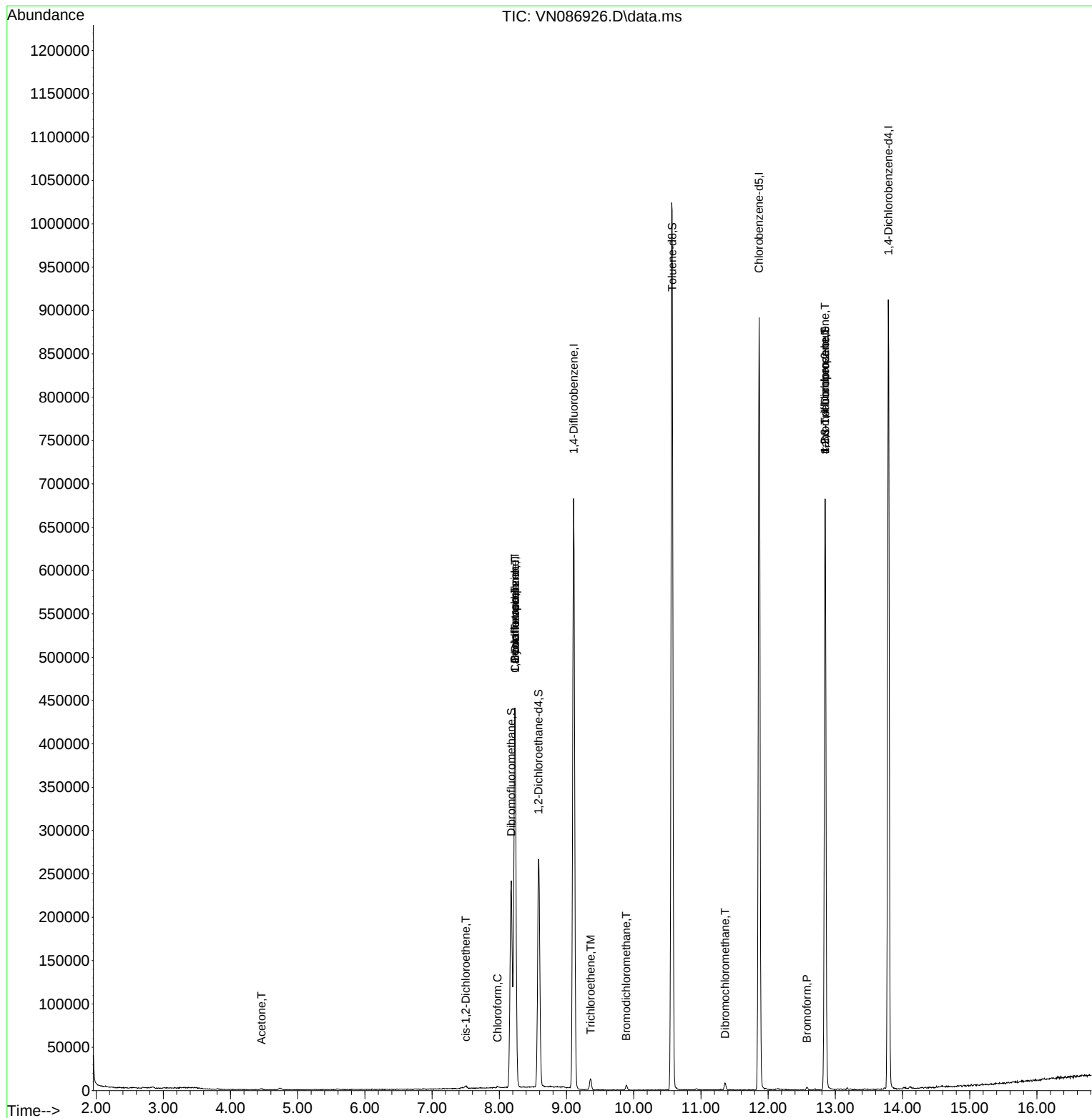
Internal Standards						
1) Pentafluorobenzene	8.230	168	345998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	634054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	555717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	265918	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	219237	47.326	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.660%
35) Dibromofluoromethane	8.177	113	183933	48.950	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.900%
50) Toluene-d8	10.571	98	763080	51.299	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.600%
62) 4-Bromofluorobenzene	12.847	95	273708	49.526	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.060%
Target Compounds						
					Qvalue	
16) Acetone	4.459	43	2317	0.943	ug/l #	72
27) cis-1,2-Dichloroethene	7.500	96	2289	0.447	ug/l	65
30) Chloroform	7.971	83	1800	0.233	ug/l #	79
31) Cyclohexane	8.230	56	6390	0.850	ug/l #	1
36) 1,1-Dichloropropene	8.236	75	26898	4.804	ug/l #	48
38) Carbon Tetrachloride	8.236	117	33317	6.061	ug/l #	16
44) Trichloroethene	9.359	130	5074	1.169	ug/l	95
47) Bromodichloromethane	9.888	83	4435	0.729	ug/l	99
60) Dibromochloromethane	11.359	129	5336	1.190	ug/l	99
71) Bromoform	12.576	173	1682	0.576	ug/l #	98
76) 1,2,3-Trichloropropane	12.847	75	126338	19.987	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	126338	46.009	ug/l #	16

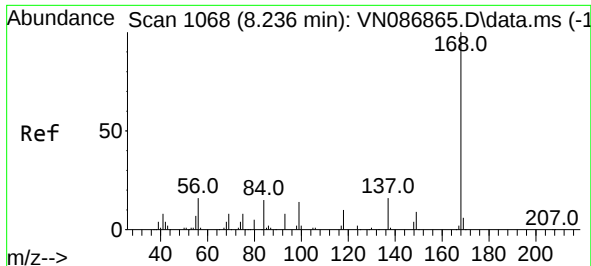
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VPB182-HYD-20250605

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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

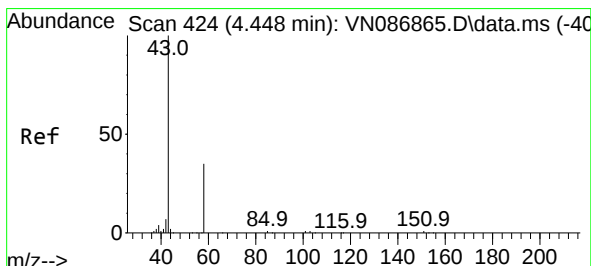
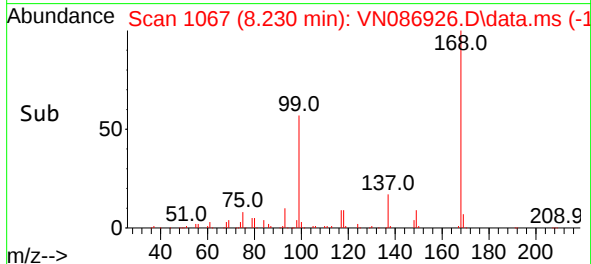
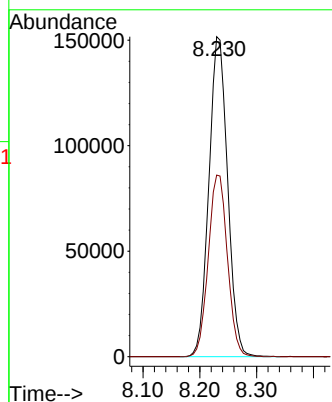
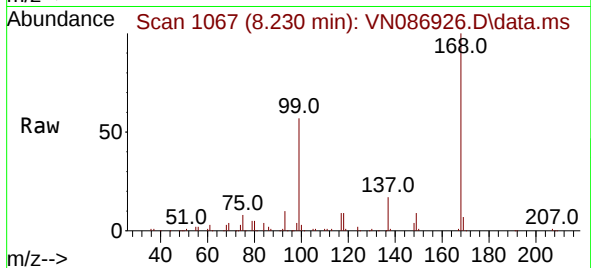




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086926.D
Acq: 10 Jun 2025 14:17

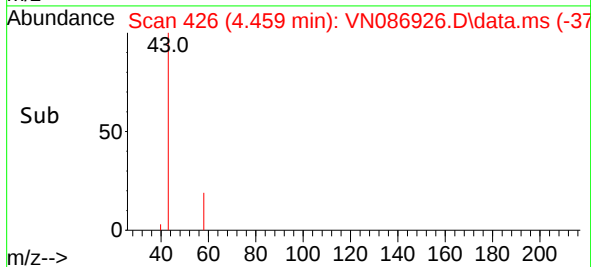
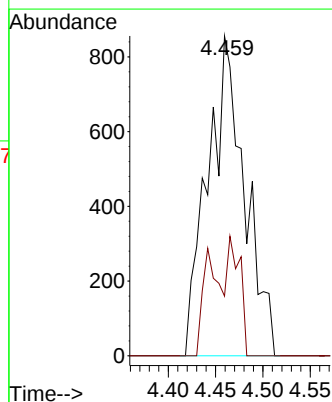
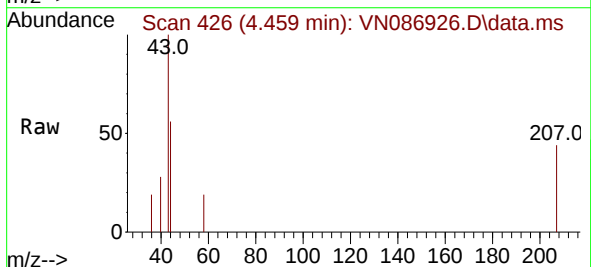
Instrument :
MSVOA_N
ClientSampleId :
VPB182-HYD-20250605

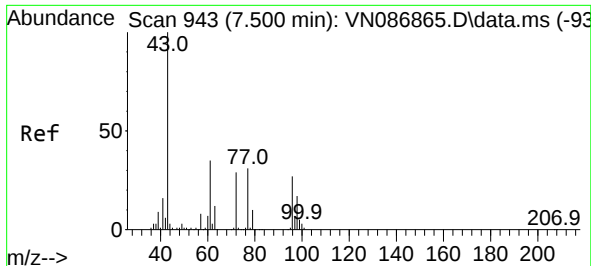
Tgt Ion:168 Resp: 345998
Ion Ratio Lower Upper
168 100
99 56.8 49.1 73.7



#16
Acetone
Concen: 0.943 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN086926.D
Acq: 10 Jun 2025 14:17

Tgt Ion: 43 Resp: 2317
Ion Ratio Lower Upper
43 100
58 18.7 28.0 42.0#



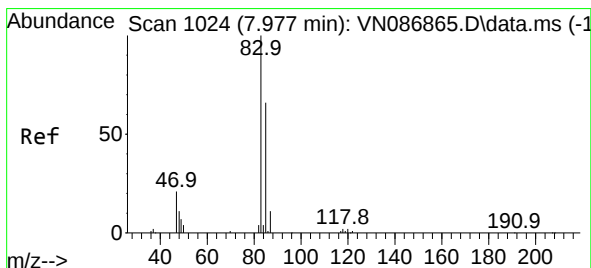
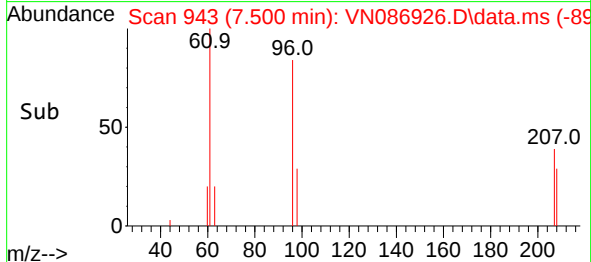
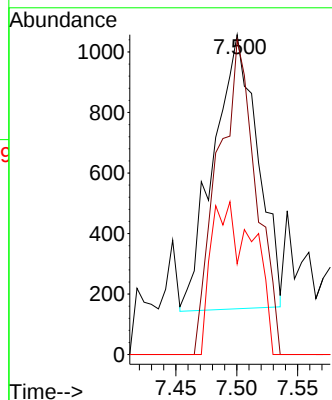
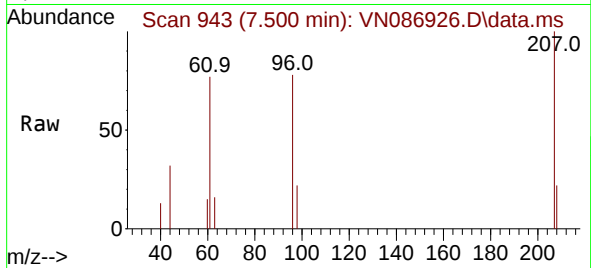


#27
 cis-1,2-Dichloroethene
 Concen: 0.447 ug/l
 RT: 7.500 min Scan# 94
 Delta R.T. -0.000 min
 Lab File: VN086926.D
 Acq: 10 Jun 2025 14:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VPB182-HYD-20250605

Tgt Ion: 96 Resp: 2289

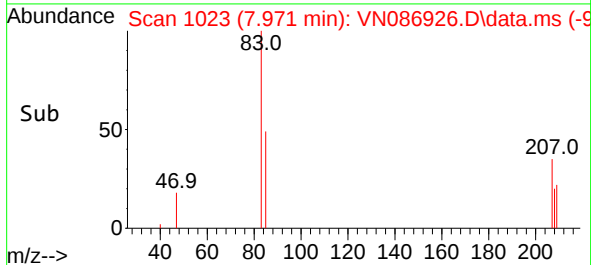
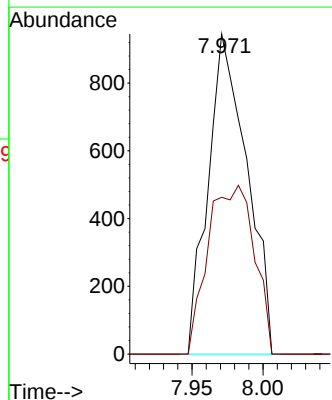
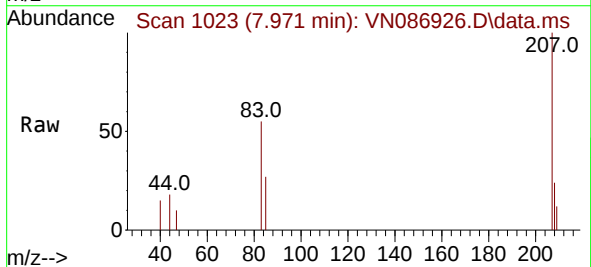
Ion	Ratio	Lower	Upper
96	100		
61	99.7	0.0	278.0
98	31.3	0.0	128.2

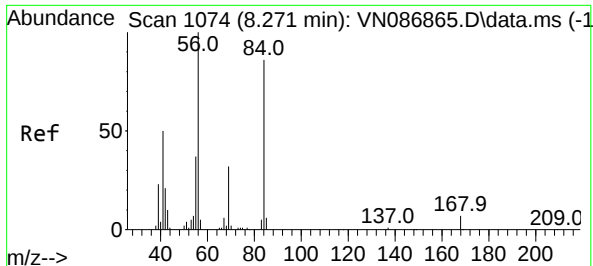


#30
 Chloroform
 Concen: 0.233 ug/l
 RT: 7.971 min Scan# 1023
 Delta R.T. -0.006 min
 Lab File: VN086926.D
 Acq: 10 Jun 2025 14:17

Tgt Ion: 83 Resp: 1800

Ion	Ratio	Lower	Upper
83	100		
85	49.0	52.9	79.3#

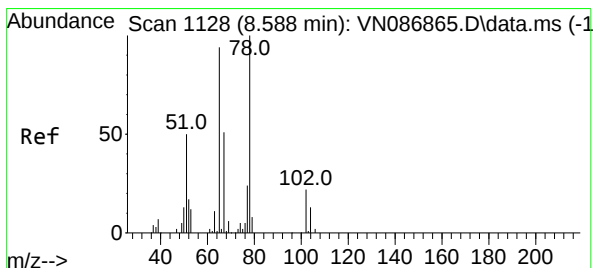
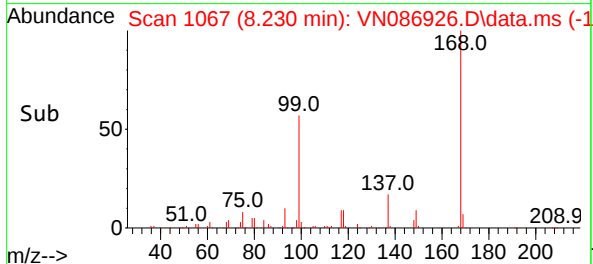
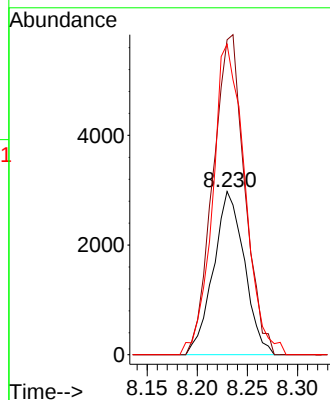
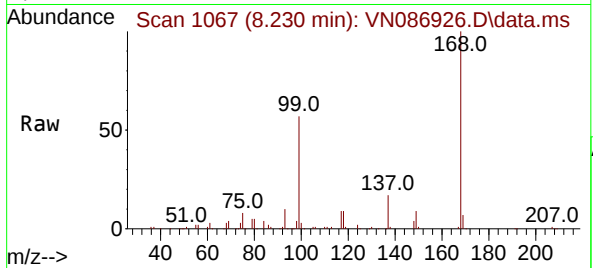




#31
Cyclohexane
Concen: 0.850 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.041 min
Lab File: VN086926.D
Acq: 10 Jun 2025 14:17

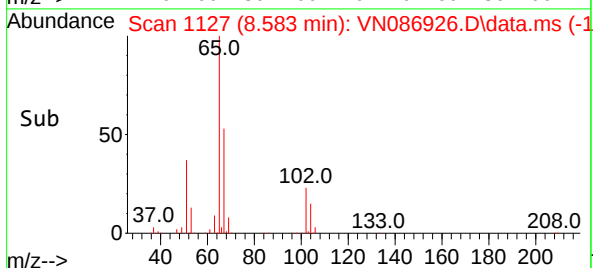
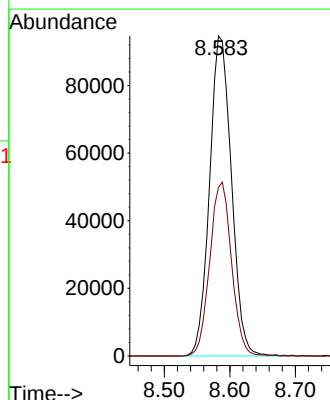
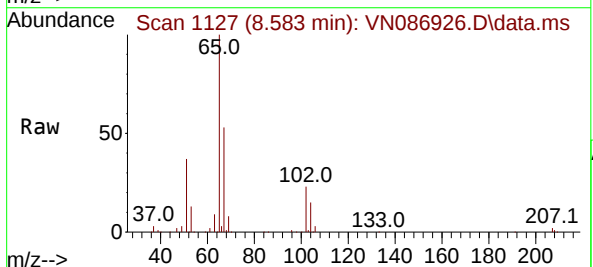
Instrument :
MSVOA_N
ClientSampleId :
VPB182-HYD-20250605

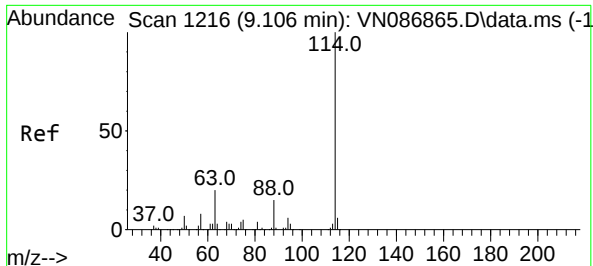
Tgt Ion: 56 Resp: 6390
Ion Ratio Lower Upper
56 100
69 192.9 25.4 38.0#
84 190.1 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 47.326 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN086926.D
Acq: 10 Jun 2025 14:17

Tgt Ion: 65 Resp: 219237
Ion Ratio Lower Upper
65 100
67 53.9 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: VN086926.D

Acq: 10 Jun 2025 14:17

Instrument :

MSVOA_N

ClientSampleId :

VPB182-HYD-20250605

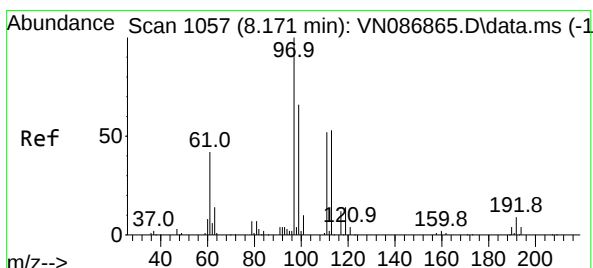
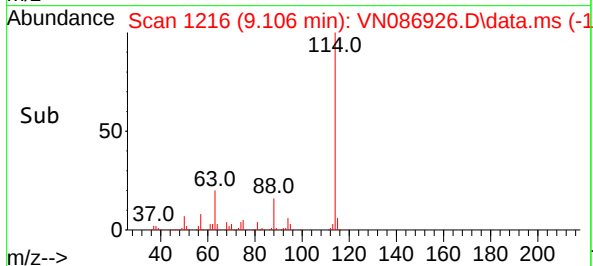
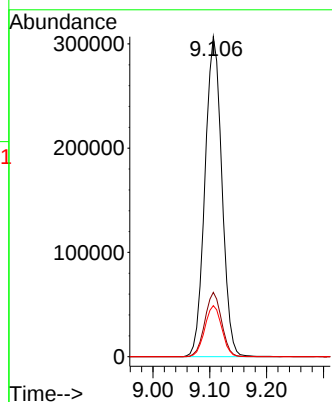
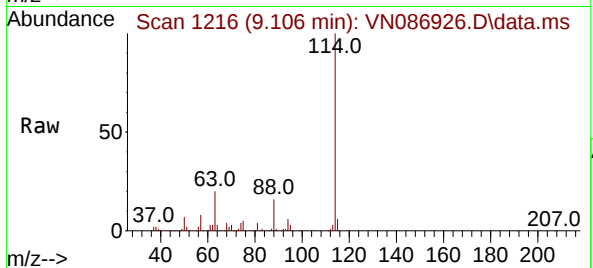
Tgt Ion:114 Resp: 634054

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

88 16.0 0.0 30.2



#35

Dibromofluoromethane

Concen: 48.950 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN086926.D

Acq: 10 Jun 2025 14:17

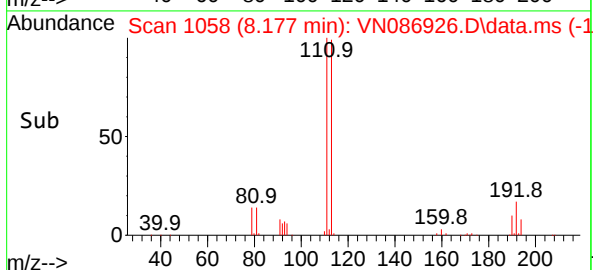
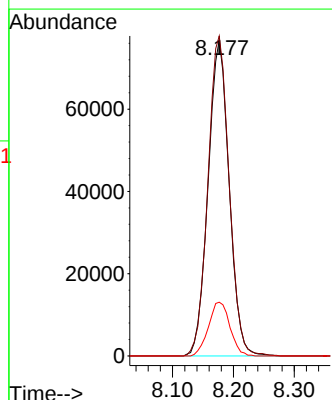
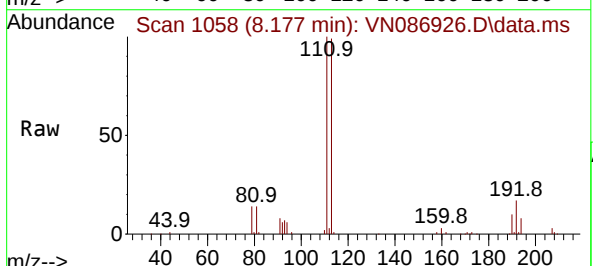
Tgt Ion:113 Resp: 183933

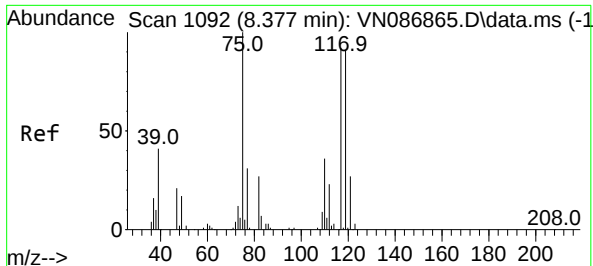
Ion Ratio Lower Upper

113 100

111 102.3 84.2 126.2

192 17.4 14.2 21.4

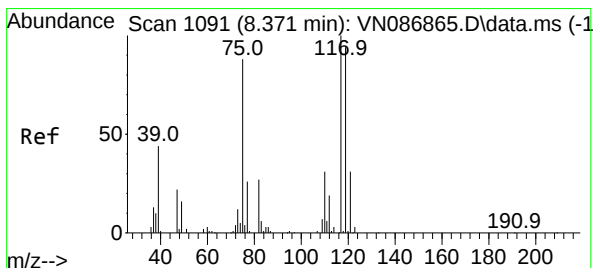
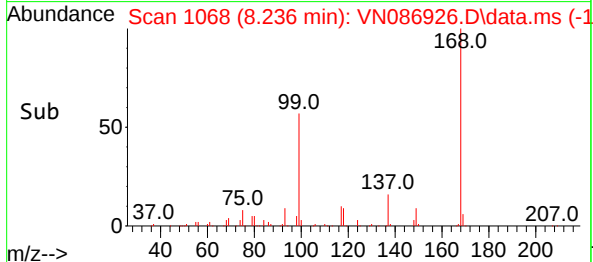
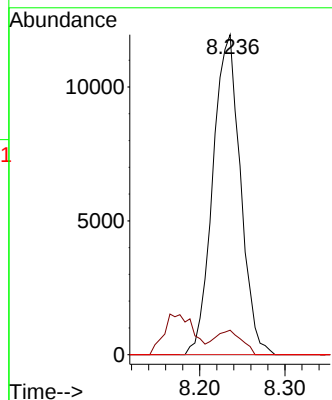
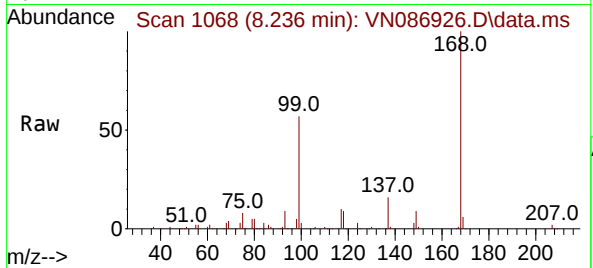




#36
1,1-Dichloropropene
Concen: 4.804 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VN086926.D
Acq: 10 Jun 2025 14:17

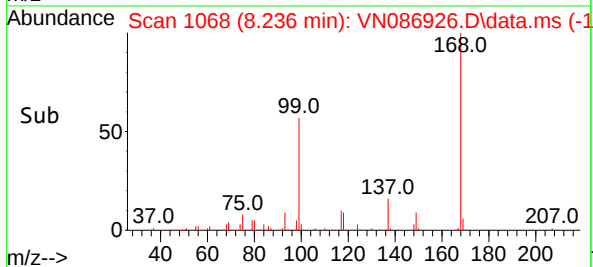
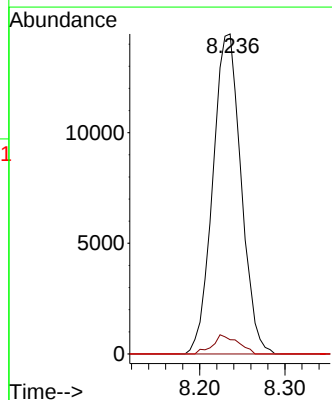
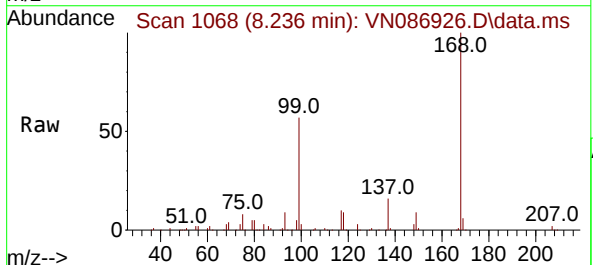
Instrument :
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ClientSampleId :
VPB182-HYD-20250605

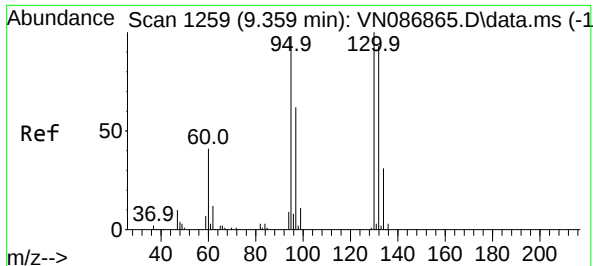
Tgt Ion: 75 Resp: 26898
Ion Ratio Lower Upper
75 100
110 7.6 17.6 52.9#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.061 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VN086926.D
Acq: 10 Jun 2025 14:17

Tgt Ion: 117 Resp: 33317
Ion Ratio Lower Upper
117 100
119 4.5 75.0 112.6#
121 0.0 24.9 37.3#

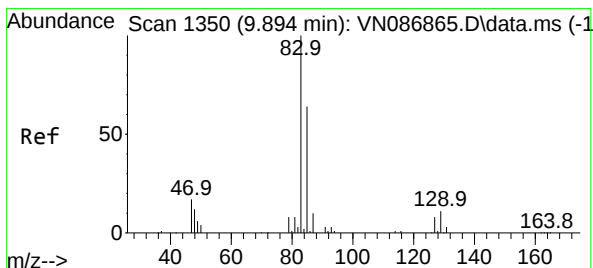
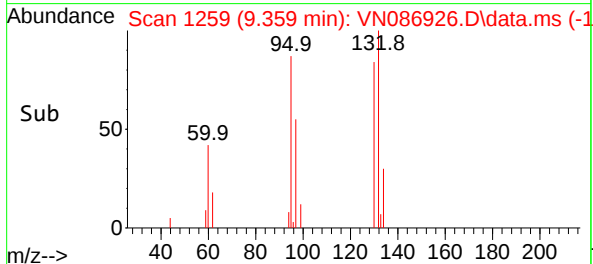
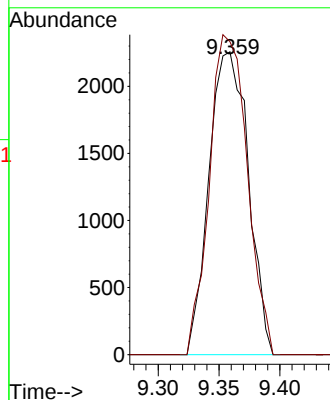
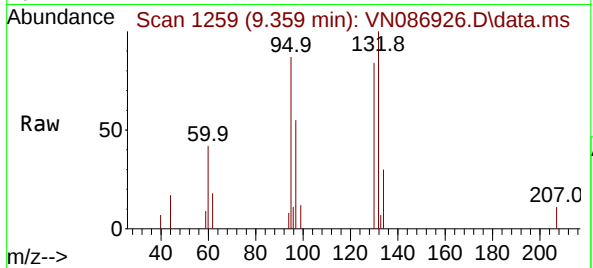




#44
Trichloroethene
Concen: 1.169 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086926.D
Acq: 10 Jun 2025 14:17

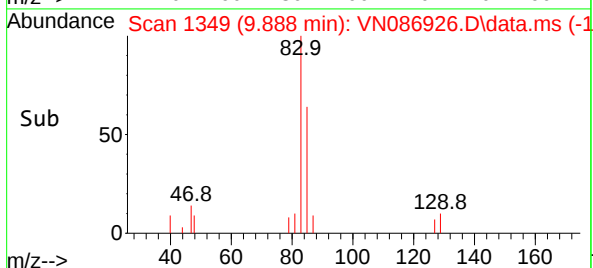
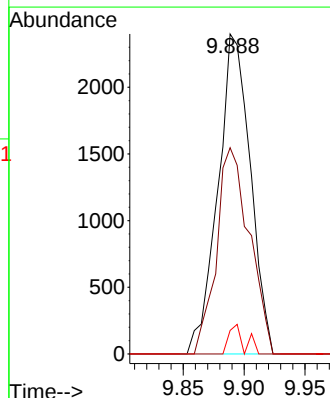
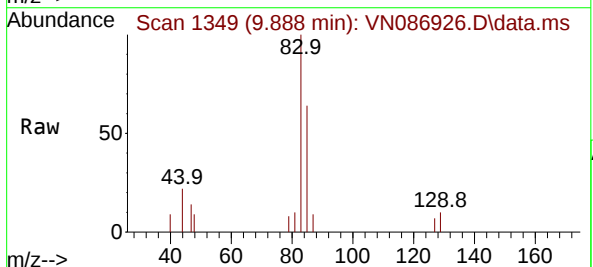
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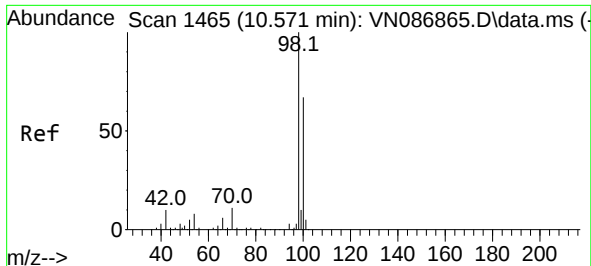
Tgt Ion:130 Resp: 5074
Ion Ratio Lower Upper
130 100
95 103.3 0.0 196.2



#47
Bromodichloromethane
Concen: 0.729 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN086926.D
Acq: 10 Jun 2025 14:17

Tgt Ion: 83 Resp: 4435
Ion Ratio Lower Upper
83 100
85 64.5 50.9 76.3
127 7.3 6.6 10.0

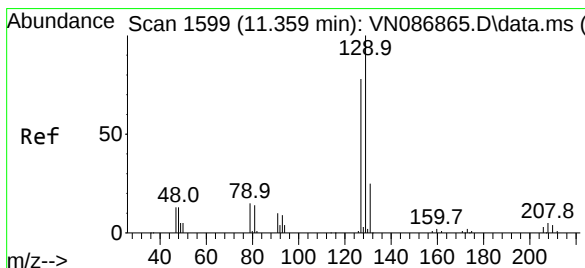
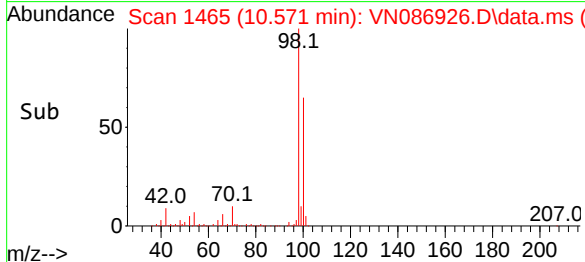
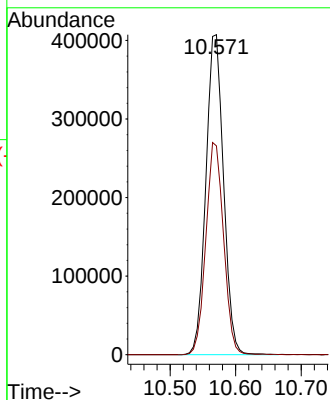
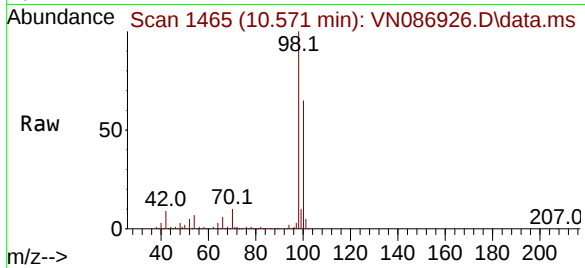




#50
Toluene-d8
Concen: 51.299 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086926.D
Acq: 10 Jun 2025 14:17

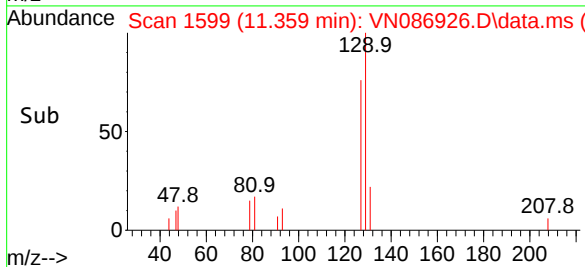
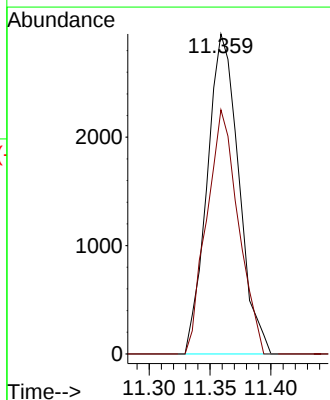
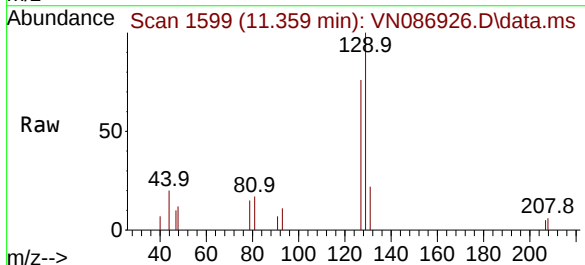
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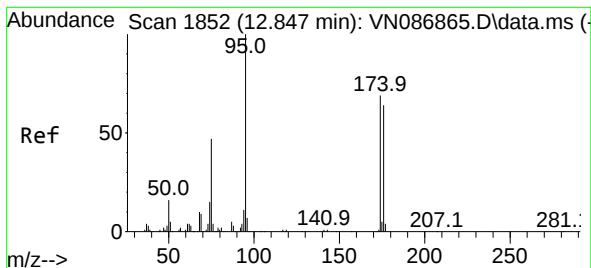
Tgt Ion: 98 Resp: 763080
Ion Ratio Lower Upper
98 100
100 66.5 53.4 80.0



#60
Dibromochloromethane
Concen: 1.190 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086926.D
Acq: 10 Jun 2025 14:17

Tgt Ion:129 Resp: 5336
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.8

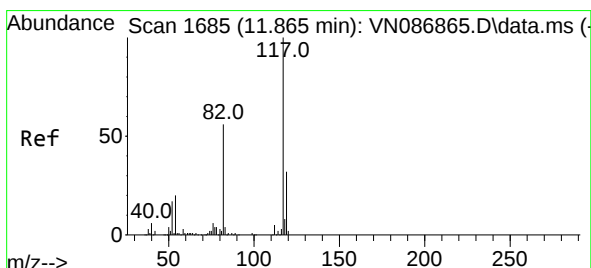
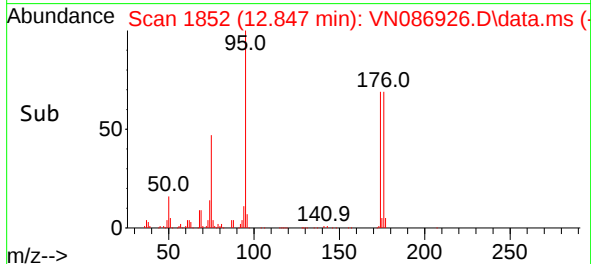
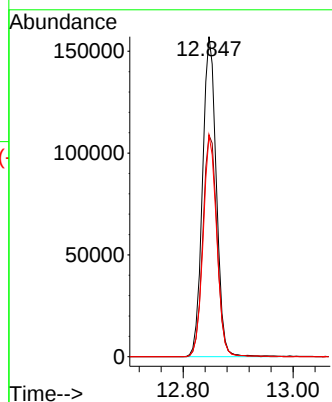
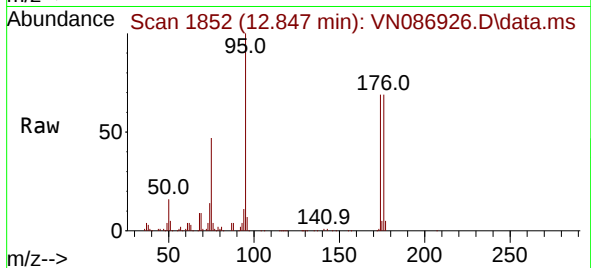




#62
4-Bromofluorobenzene
Concen: 49.526 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086926.D
Acq: 10 Jun 2025 14:17

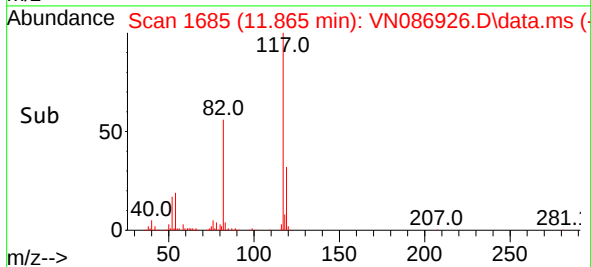
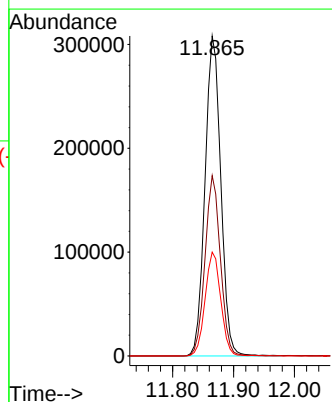
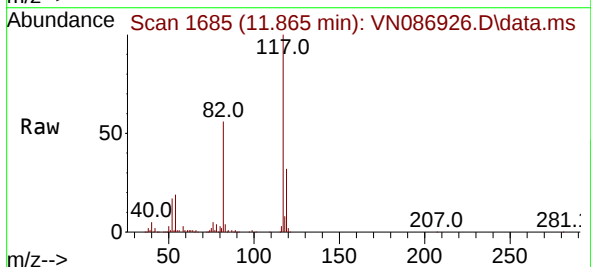
Instrument :
MSVOA_N
ClientSampleId :
VPB182-HYD-20250605

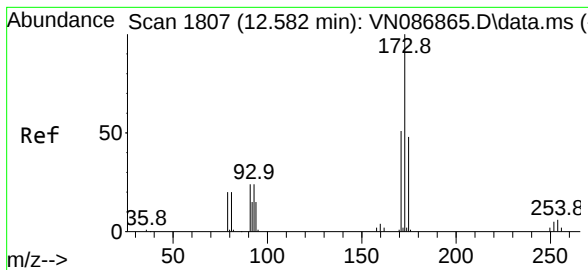
Tgt Ion: 95 Resp: 273708
Ion Ratio Lower Upper
95 100
174 71.1 0.0 141.8
176 68.3 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086926.D
Acq: 10 Jun 2025 14:17

Tgt Ion: 117 Resp: 555717
Ion Ratio Lower Upper
117 100
82 56.3 44.6 67.0
119 32.4 25.5 38.3





#71

Bromoform

Concen: 0.576 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086926.D

Acq: 10 Jun 2025 14:17

Instrument :

MSVOA_N

ClientSampleId :

VPB182-HYD-20250605

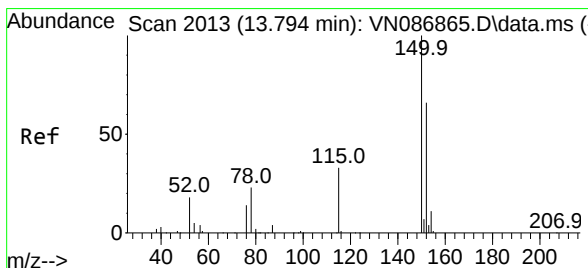
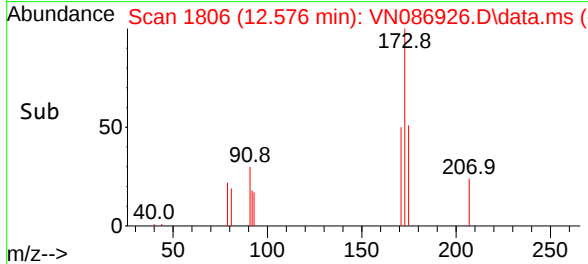
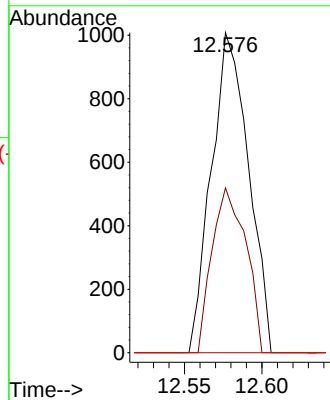
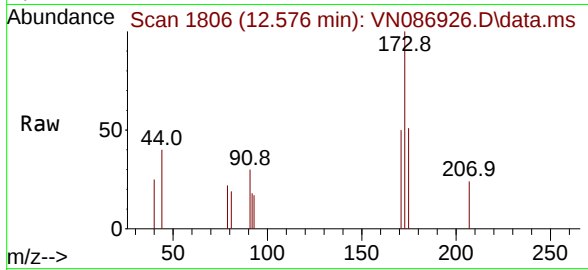
Tgt Ion:173 Resp: 1682

Ion Ratio Lower Upper

173 100

175 46.7 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.006 min

Lab File: VN086926.D

Acq: 10 Jun 2025 14:17

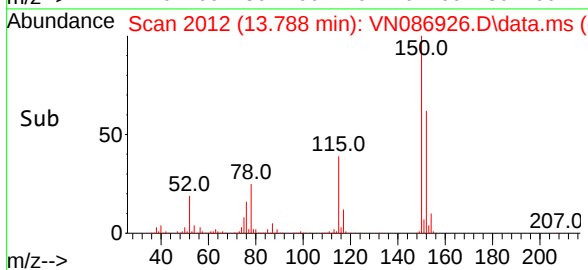
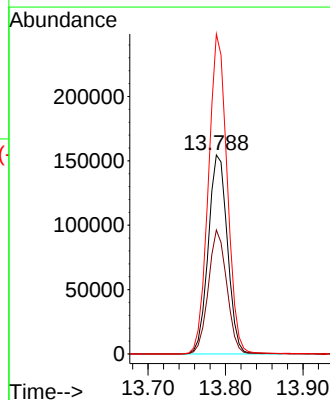
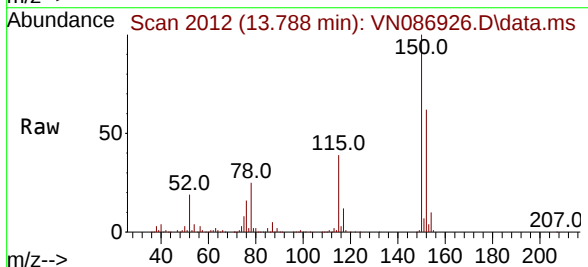
Tgt Ion:152 Resp: 265918

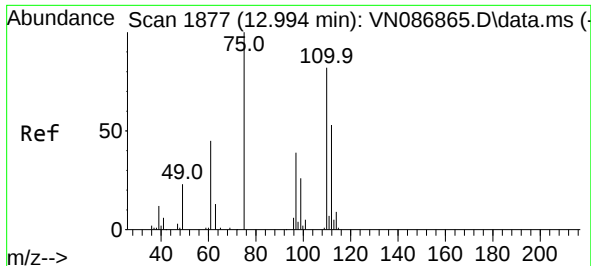
Ion Ratio Lower Upper

152 100

115 60.2 30.1 90.5

150 157.7 0.0 345.0

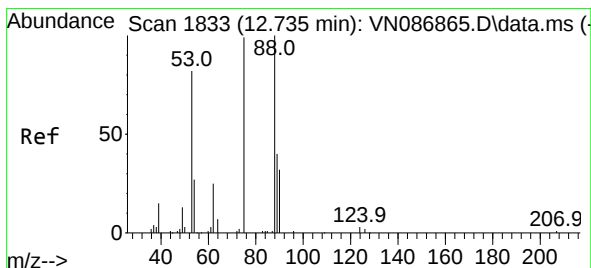
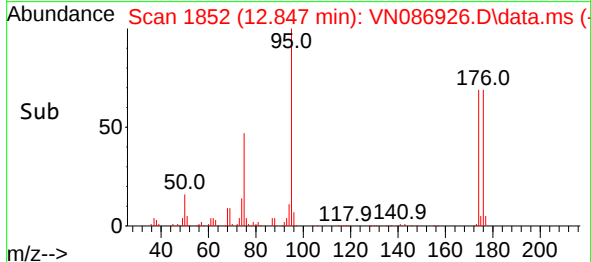
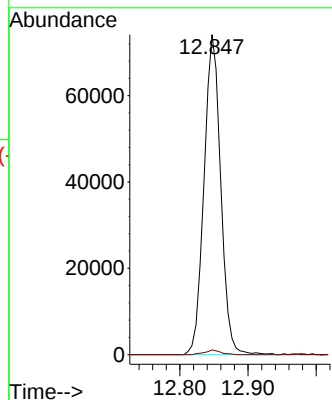
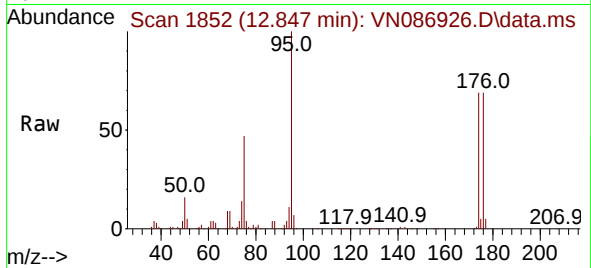




#76
1,2,3-Trichloropropane
Concen: 19.987 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN086926.D
Acq: 10 Jun 2025 14:17

Instrument :
MSVOA_N
ClientSampleId :
VPB182-HYD-20250605

Tgt Ion: 75 Resp: 126338
Ion Ratio Lower Upper
75 100
77 1.4 79.3 237.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 46.009 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086926.D
Acq: 10 Jun 2025 14:17

Tgt Ion: 75 Resp: 126338
Ion Ratio Lower Upper
75 100
53 0.0 66.6 99.8#
89 0.0 36.7 55.1#

