

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061325\
 Data File : VN087003.D
 Acq On : 13 Jun 2025 15:50
 Operator : JC\MD
 Sample : Q2314-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-182-TB-20250610

Quant Time: Jun 14 00:30:18 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)

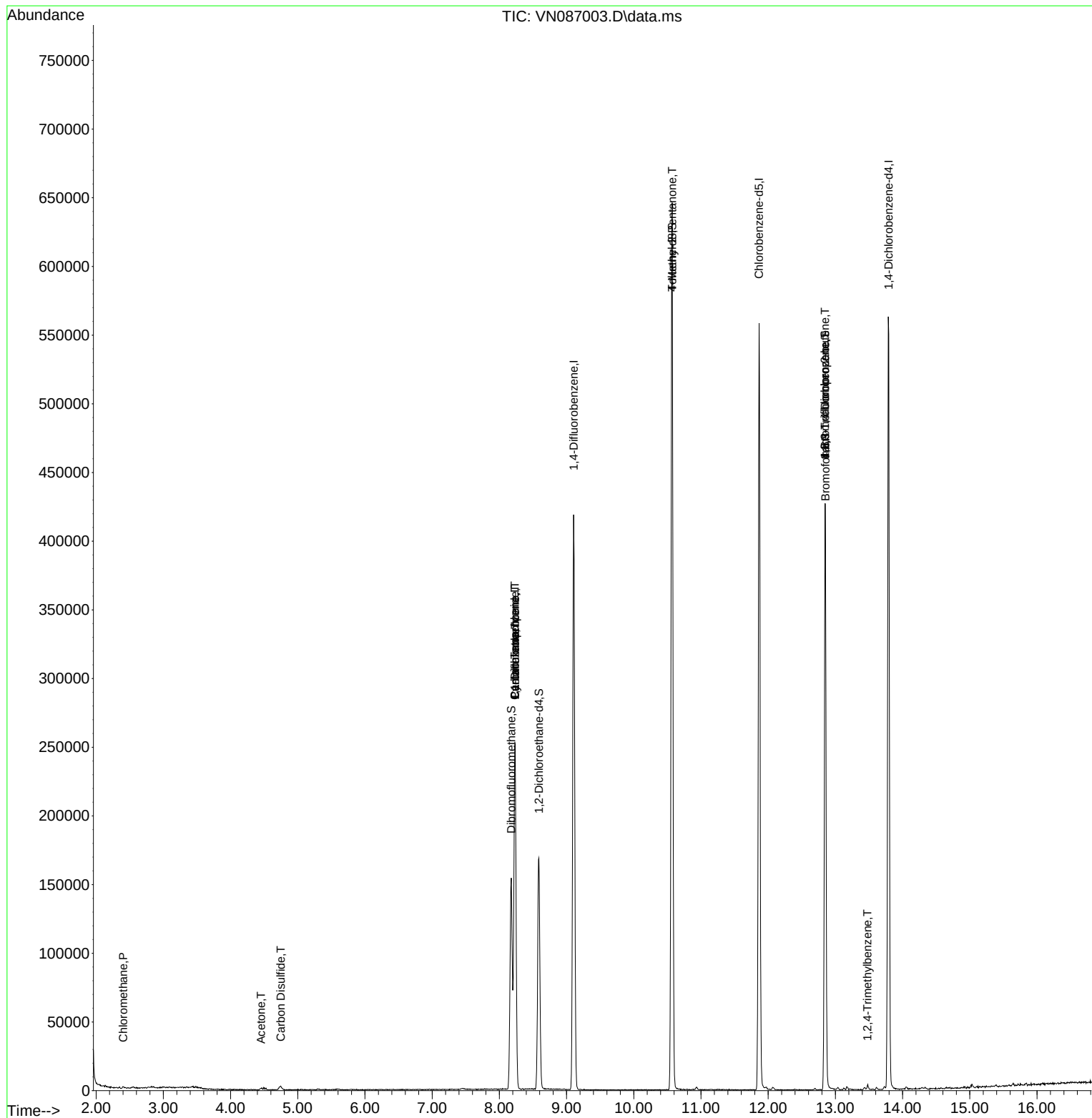
Internal Standards						
1) Pentafluorobenzene	8.236	168	202860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	392535	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	349983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	169487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	139024	51.186	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.380%	
35) Dibromofluoromethane	8.177	113	117978	50.716	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.440%	
50) Toluene-d8	10.571	98	480084	52.132	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.260%	
62) 4-Bromofluorobenzene	12.847	95	171597	50.154	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.300%	
Target Compounds						Qvalue
3) Chloromethane	2.401	50	966	0.370	ug/l	94
16) Acetone	4.453	43	2118	1.470	ug/l	93
17) Carbon Disulfide	4.748	76	1282	0.205	ug/l #	75
31) Cyclohexane	8.236	56	3499	0.794	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	15551	4.486	ug/l #	49
38) Carbon Tetrachloride	8.230	117	20778	6.106	ug/l #	18
51) 4-Methyl-2-Pentanone	10.571	43	1754	0.411	ug/l #	1
71) Bromoform	12.853	173	880	0.479	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	78012	19.364	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	78012	44.574	ug/l #	16
84) 1,2,4-Trimethylbenzene	13.476	105	2455	0.240	ug/l	95

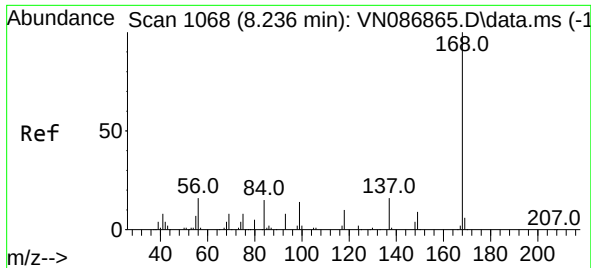
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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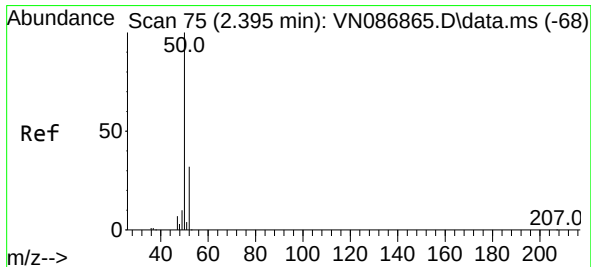
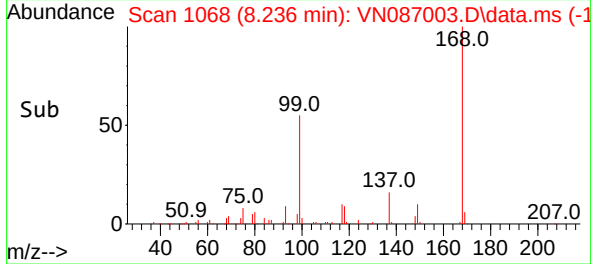
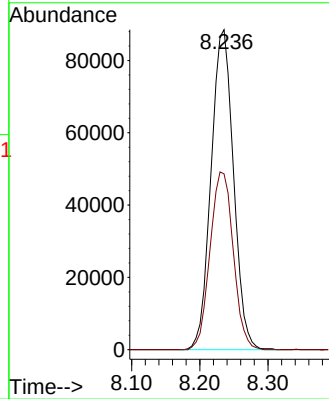
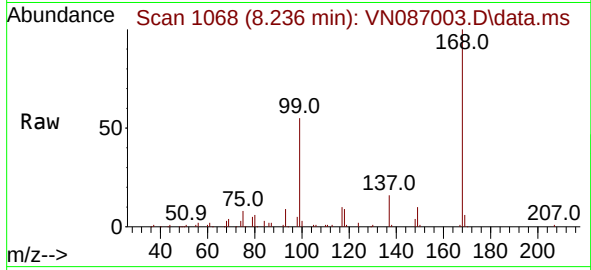




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN087003.D
Acq: 13 Jun 2025 15:50

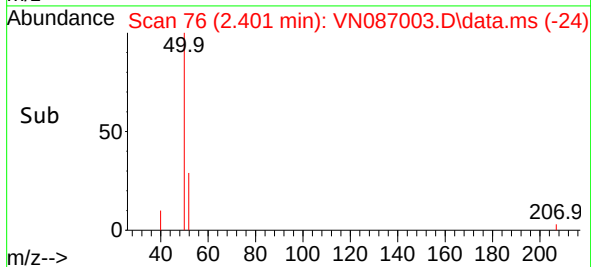
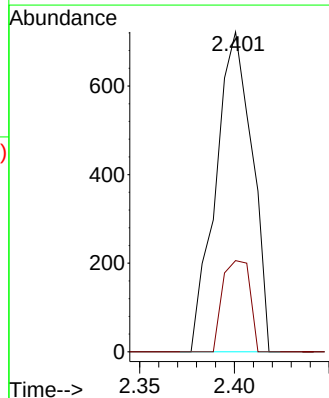
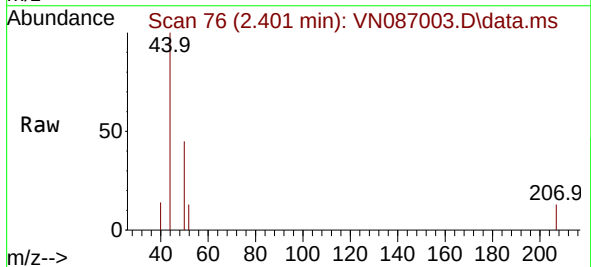
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-TB-20250610

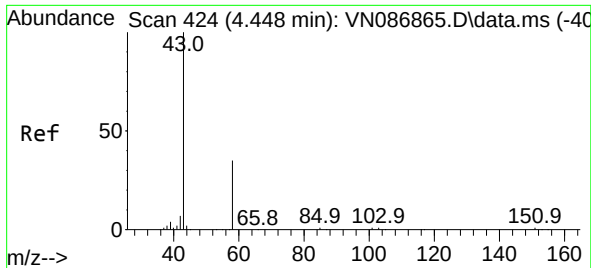
Tgt Ion:168 Resp: 202860
Ion Ratio Lower Upper
168 100
99 55.0 49.1 73.7



#3
Chloromethane
Concen: 0.370 ug/l
RT: 2.401 min Scan# 76
Delta R.T. 0.006 min
Lab File: VN087003.D
Acq: 13 Jun 2025 15:50

Tgt Ion: 50 Resp: 966
Ion Ratio Lower Upper
50 100
52 28.5 25.7 38.5

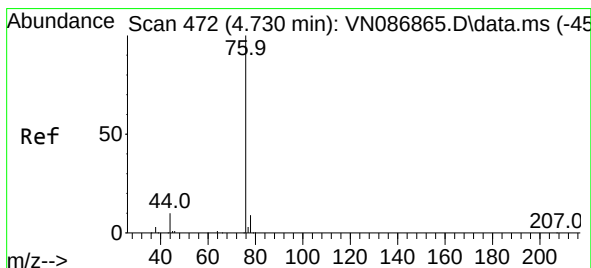
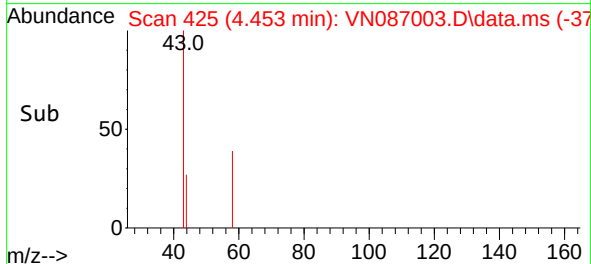
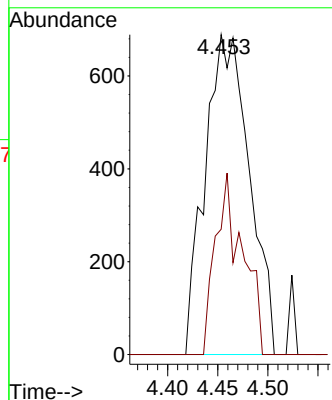
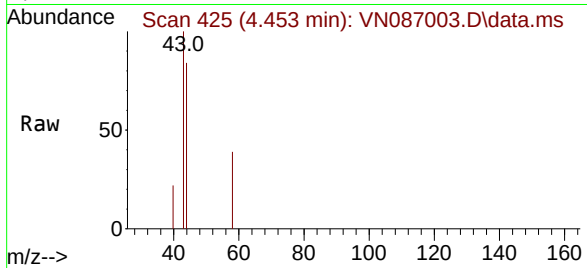




#16
Acetone
Concen: 1.470 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087003.D
Acq: 13 Jun 2025 15:50

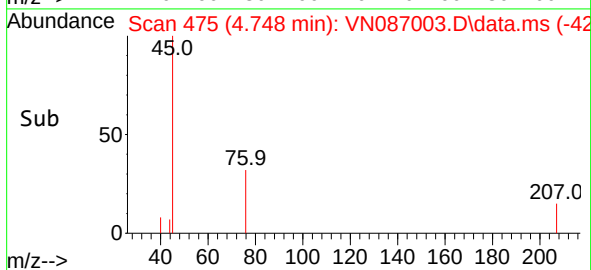
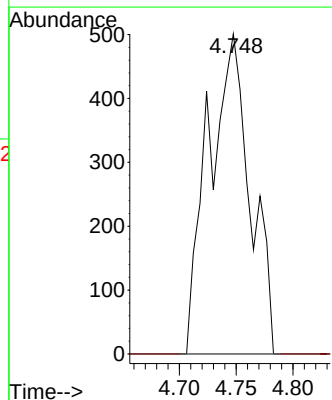
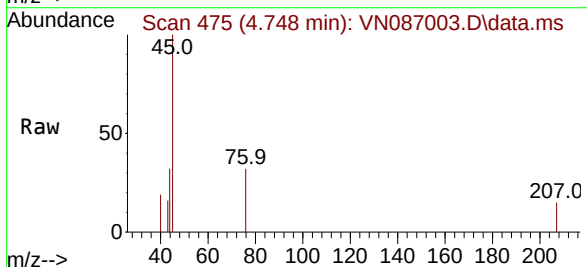
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-TB-20250610

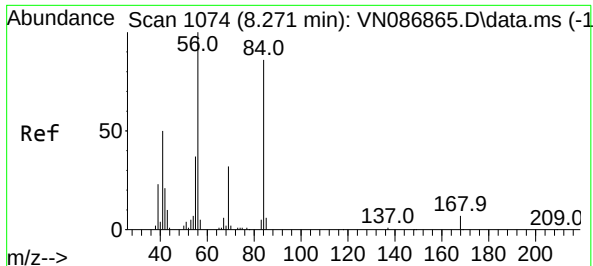
Tgt Ion: 43 Resp: 2118
Ion Ratio Lower Upper
43 100
58 39.2 28.0 42.0



#17
Carbon Disulfide
Concen: 0.205 ug/l
RT: 4.748 min Scan# 475
Delta R.T. 0.018 min
Lab File: VN087003.D
Acq: 13 Jun 2025 15:50

Tgt Ion: 76 Resp: 1282
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#

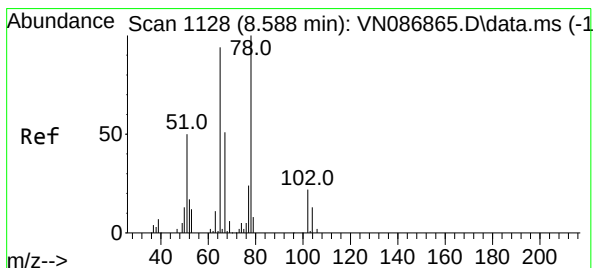
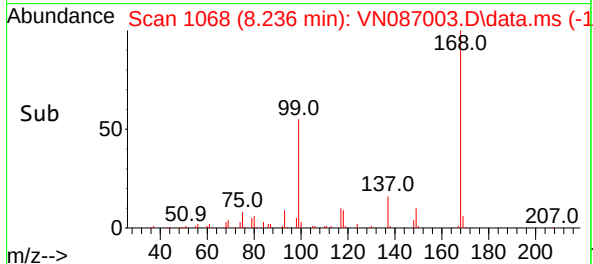
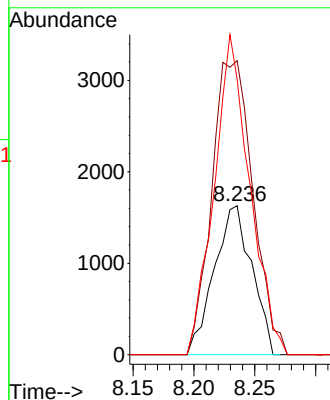
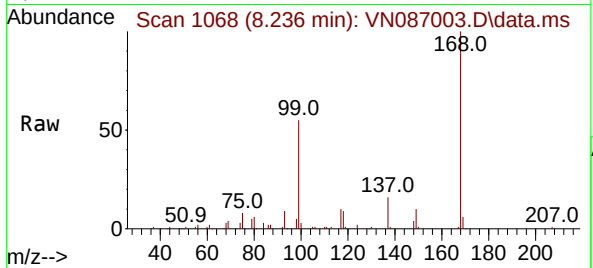




#31
Cyclohexane
Concen: 0.794 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.035 min
Lab File: VN087003.D
Acq: 13 Jun 2025 15:50

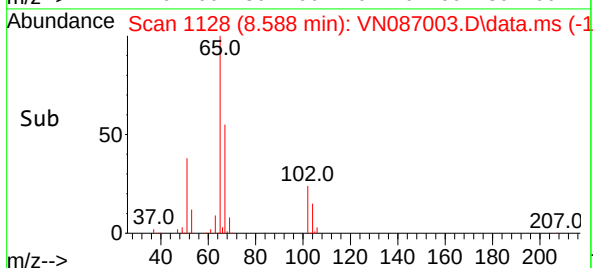
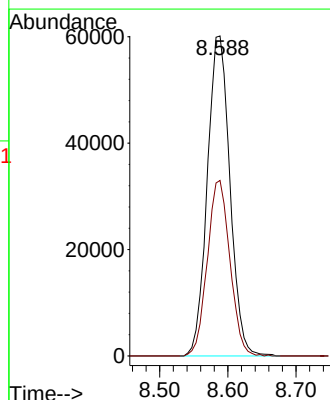
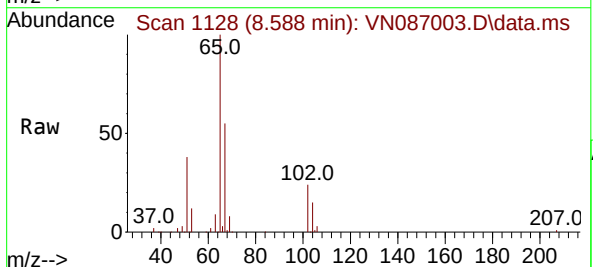
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-TB-20250610

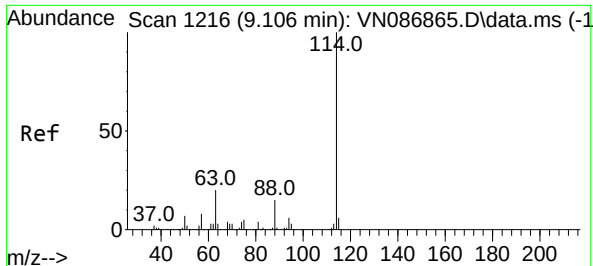
Tgt Ion: 56 Resp: 3499
Ion Ratio Lower Upper
56 100
69 197.4 25.4 38.0#
84 184.8 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 51.186 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087003.D
Acq: 13 Jun 2025 15:50

Tgt Ion: 65 Resp: 139024
Ion Ratio Lower Upper
65 100
67 54.8 0.0 105.6

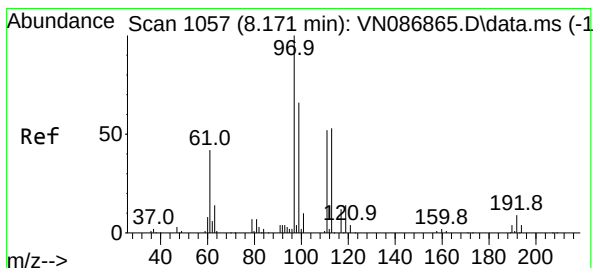
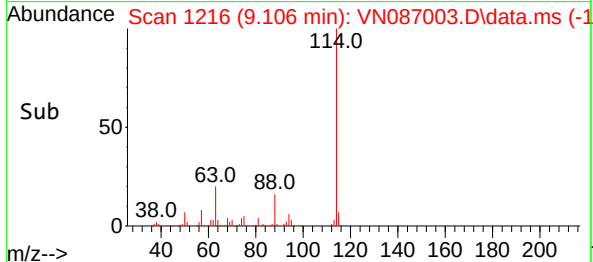
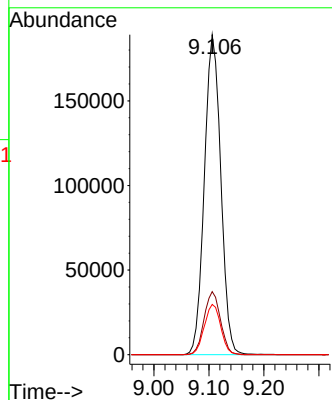
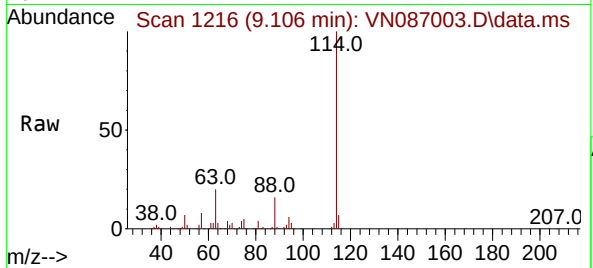




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087003.D
Acq: 13 Jun 2025 15:50

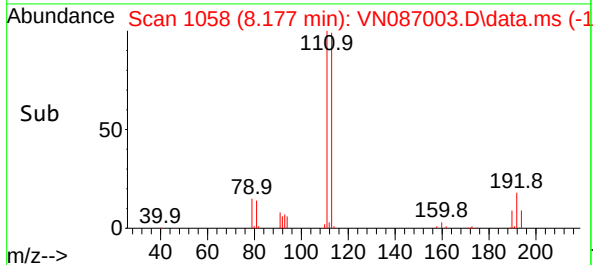
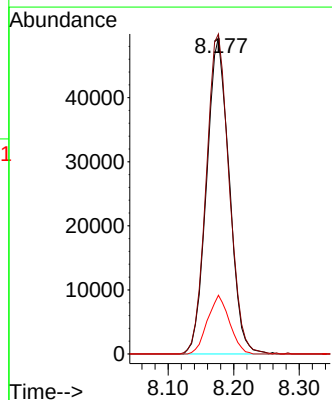
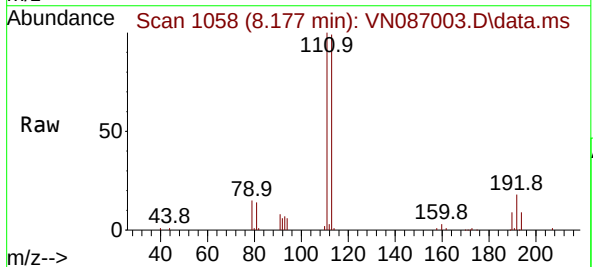
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-TB-20250610

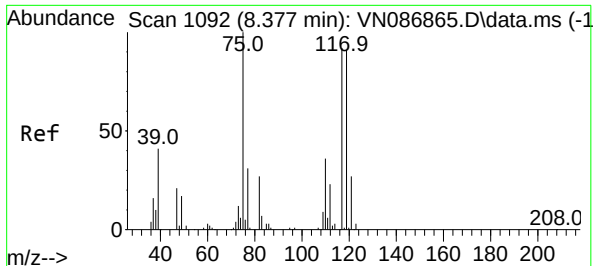
Tgt Ion:114 Resp: 392535
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.6
88 15.7 0.0 30.2



#35
Dibromofluoromethane
Concen: 50.716 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN087003.D
Acq: 13 Jun 2025 15:50

Tgt Ion:113 Resp: 117978
Ion Ratio Lower Upper
113 100
111 103.0 84.2 126.2
192 18.1 14.2 21.4

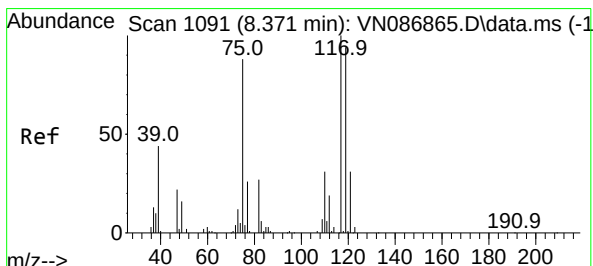
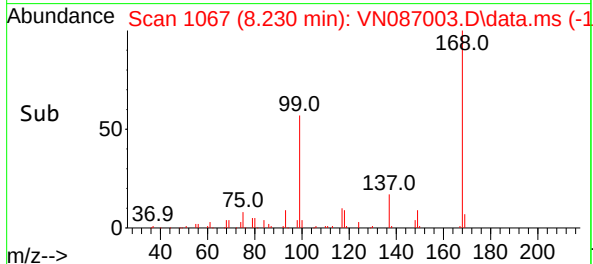
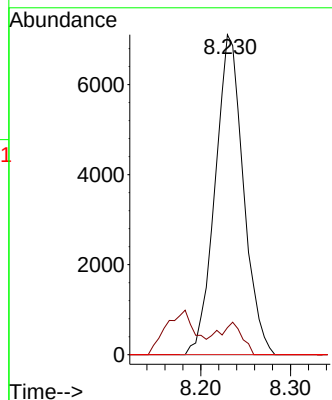
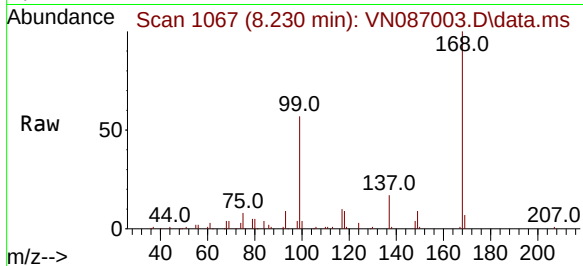




#36
1,1-Dichloropropene
Concen: 4.486 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN087003.D
Acq: 13 Jun 2025 15:50

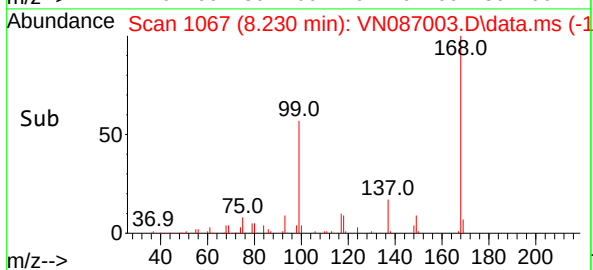
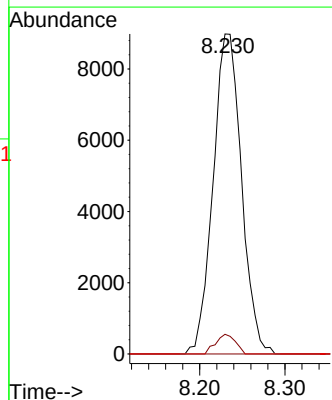
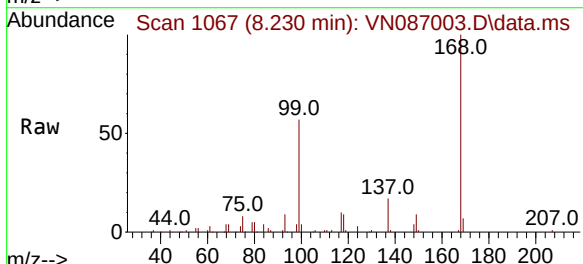
Instrument :
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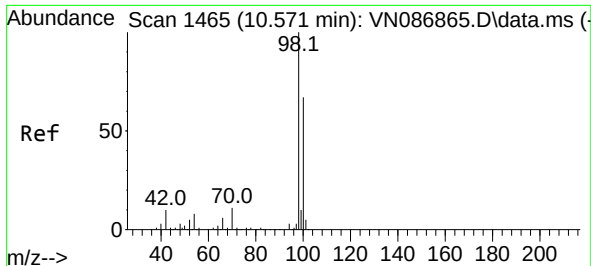
Tgt Ion: 75 Resp: 15551
Ion Ratio Lower Upper
75 100
110 8.8 17.6 52.9#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.106 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN087003.D
Acq: 13 Jun 2025 15:50

Tgt Ion: 117 Resp: 20778
Ion Ratio Lower Upper
117 100
119 6.1 75.0 112.6#
121 0.0 24.9 37.3#

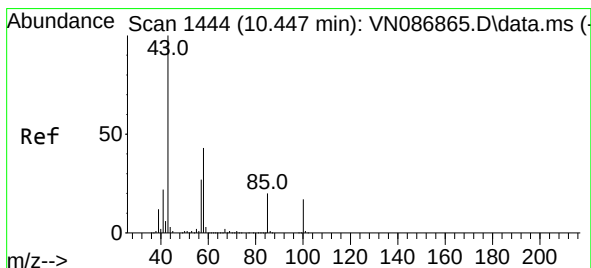
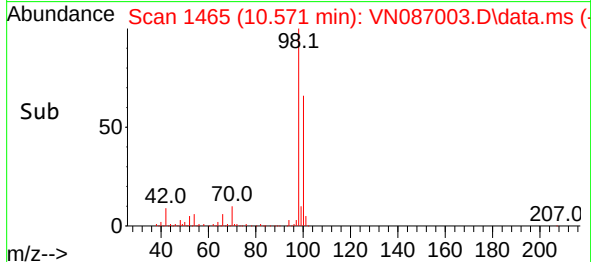
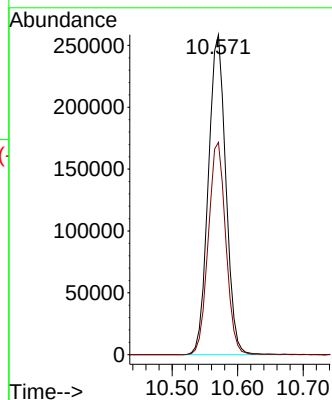
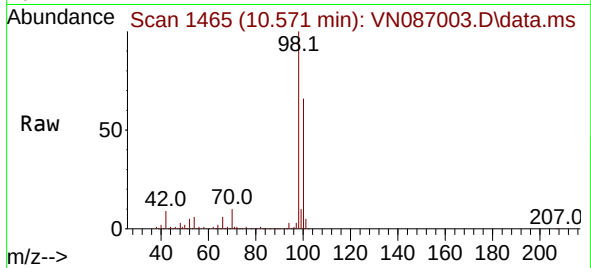




#50
Toluene-d8
Concen: 52.132 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN087003.D
Acq: 13 Jun 2025 15:50

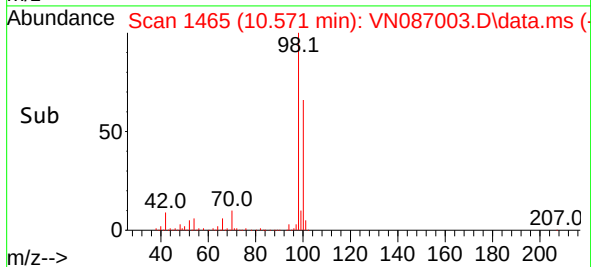
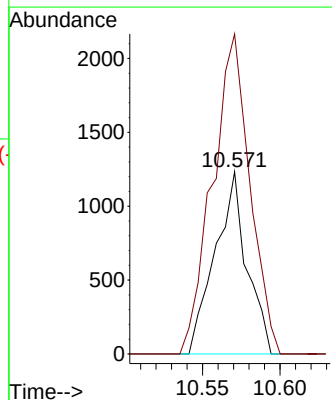
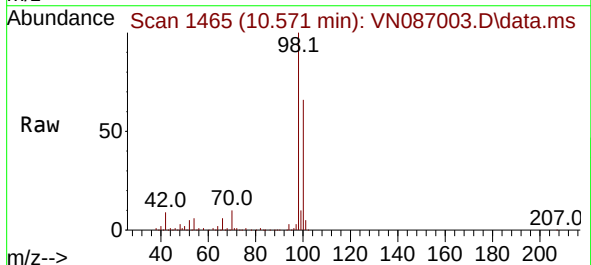
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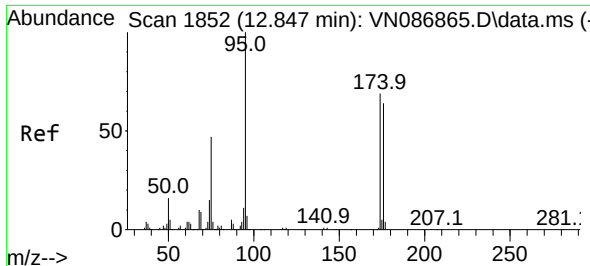
Tgt Ion: 98 Resp: 480084
Ion Ratio Lower Upper
98 100
100 66.3 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 0.411 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.123 min
Lab File: VN087003.D
Acq: 13 Jun 2025 15:50

Tgt Ion: 43 Resp: 1754
Ion Ratio Lower Upper
43 100
58 207.1 34.2 51.4#

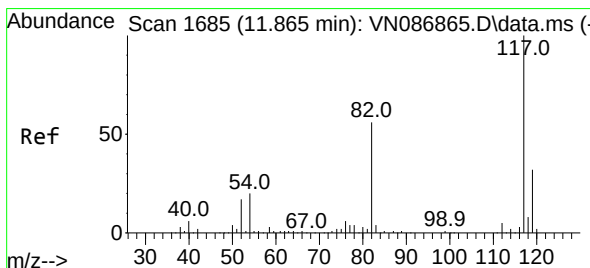
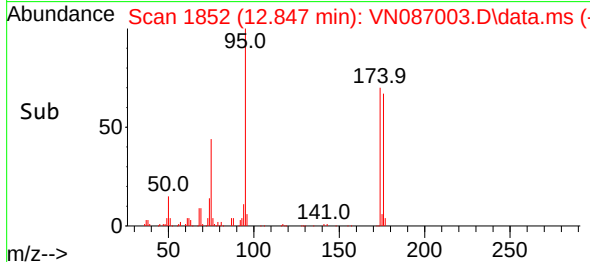
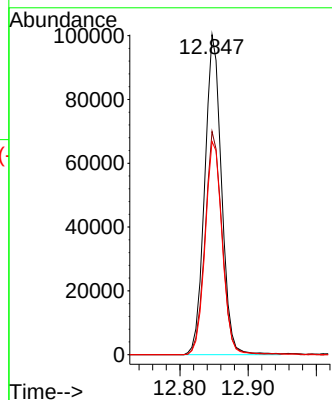
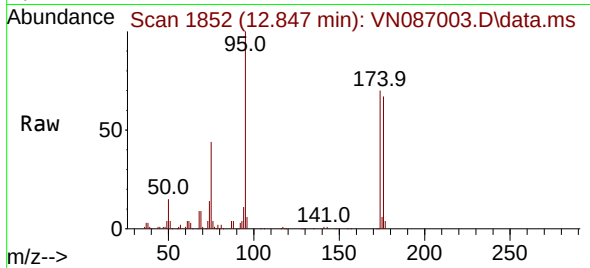




#62
4-Bromofluorobenzene
Concen: 50.154 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087003.D
Acq: 13 Jun 2025 15:50

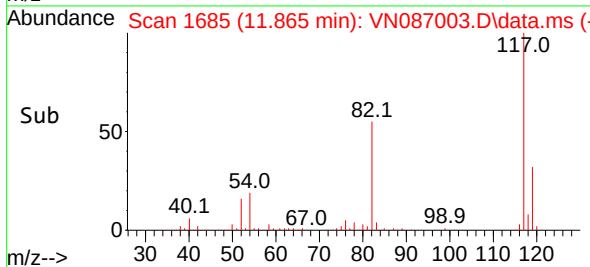
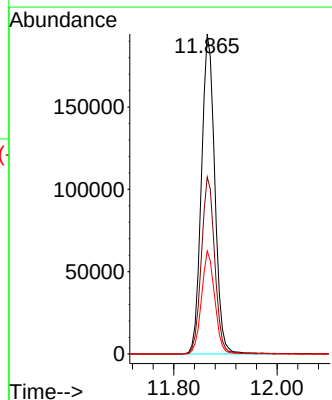
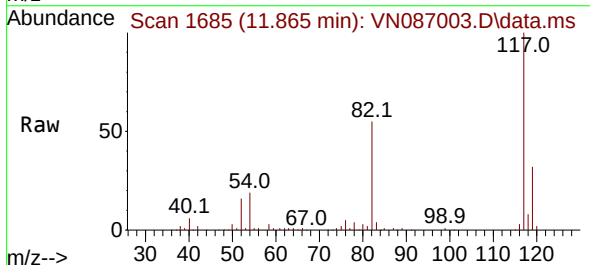
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-TB-20250610

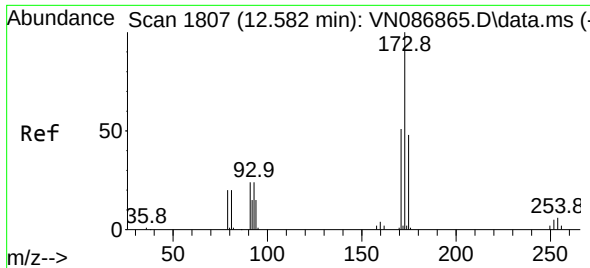
Tgt Ion: 95 Resp: 171597
Ion Ratio Lower Upper
95 100
174 70.7 0.0 141.8
176 68.0 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087003.D
Acq: 13 Jun 2025 15:50

Tgt Ion: 117 Resp: 349983
Ion Ratio Lower Upper
117 100
82 55.3 44.6 67.0
119 32.2 25.5 38.3

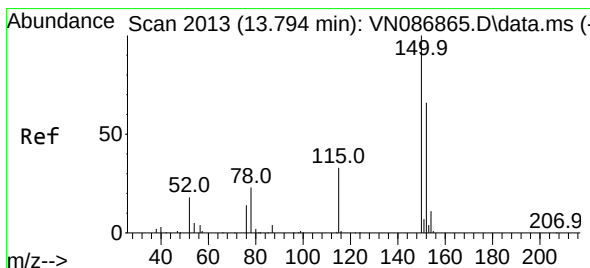
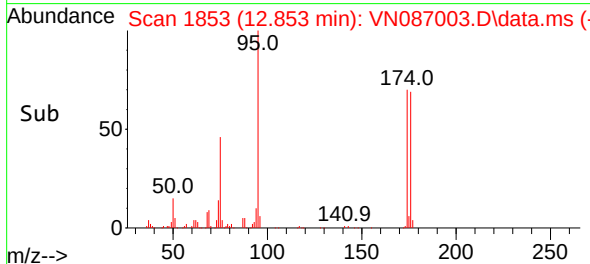
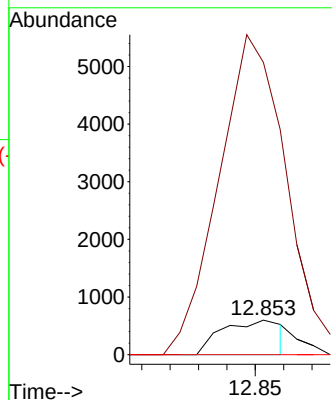
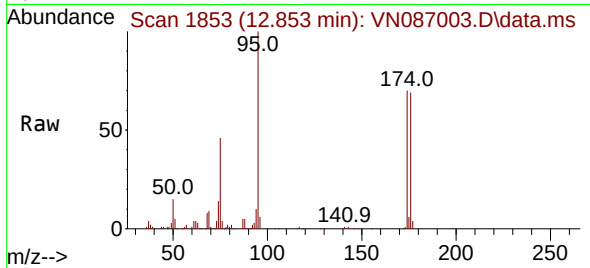




#71
Bromoform
Concen: 0.479 ug/l
RT: 12.853 min Scan# 1807
Delta R.T. 0.271 min
Lab File: VN087003.D
Acq: 13 Jun 2025 15:50

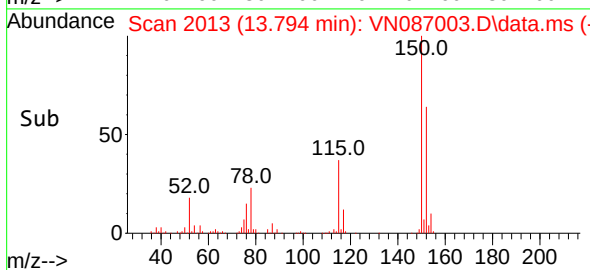
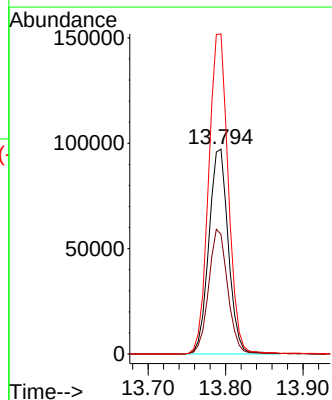
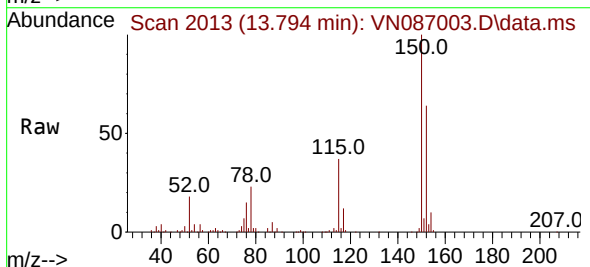
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-TB-20250610

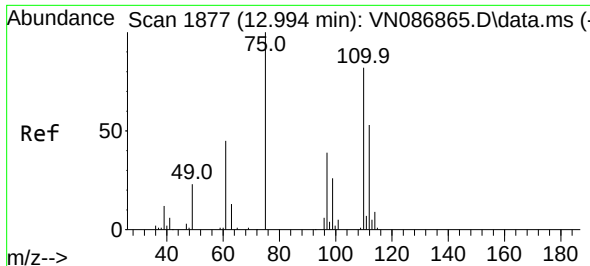
Tgt Ion:173 Resp: 880
Ion Ratio Lower Upper
173 100
175 911.4 24.1 72.4#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN087003.D
Acq: 13 Jun 2025 15:50

Tgt Ion:152 Resp: 169487
Ion Ratio Lower Upper
152 100
115 59.9 30.1 90.5
150 157.7 0.0 345.0

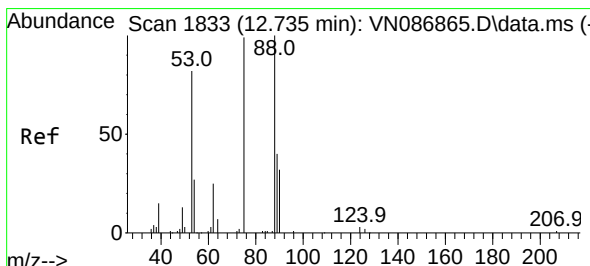
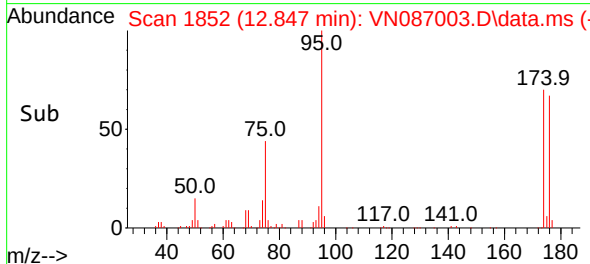
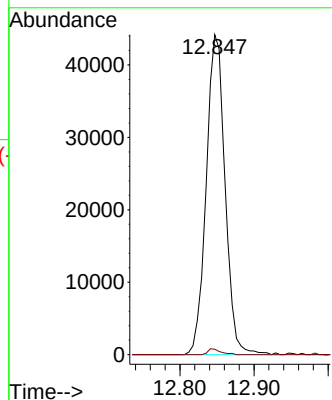
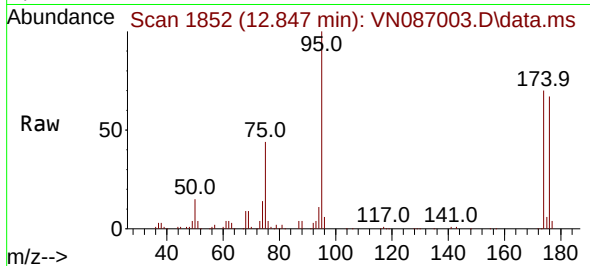




#76
1,2,3-Trichloropropane
Concen: 19.364 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN087003.D
Acq: 13 Jun 2025 15:50

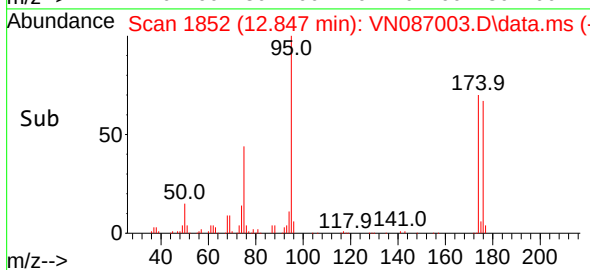
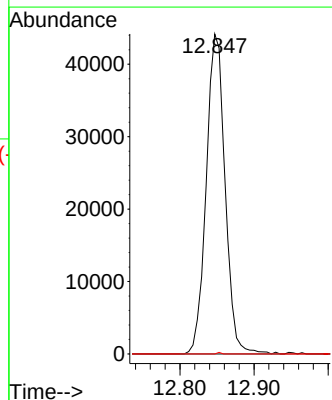
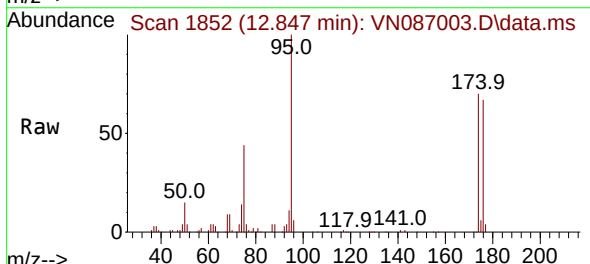
Instrument : MSVOA_N
ClientSampleId : BP-VPB-182-TB-20250610

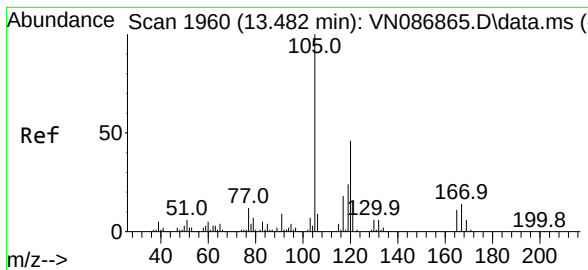
Tgt Ion: 75 Resp: 78012
Ion Ratio Lower Upper
75 100
77 1.3 79.3 237.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 44.574 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN087003.D
Acq: 13 Jun 2025 15:50

Tgt Ion: 75 Resp: 78012
Ion Ratio Lower Upper
75 100
53 0.0 66.6 99.8#
89 0.1 36.7 55.1#





#84

1,2,4-Trimethylbenzene

Concen: 0.240 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.006 min

Lab File: VN087003.D

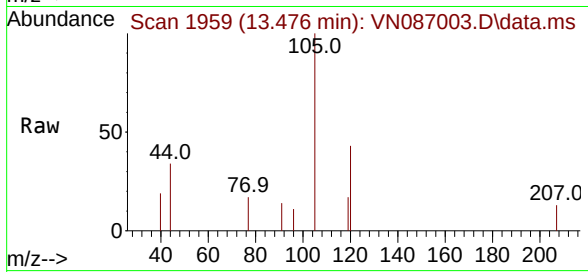
Acq: 13 Jun 2025 15:50

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-182-TB-20250610



Tgt Ion:105 Resp: 2455

Ion Ratio Lower Upper

105 100

120 49.5 23.2 69.6

