

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
 Data File : VN086925.D
 Acq On : 10 Jun 2025 13:55
 Operator : JC\MD
 Sample : Q2251-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-182-TB-20250603

Quant Time: Jun 11 01:54:57 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)

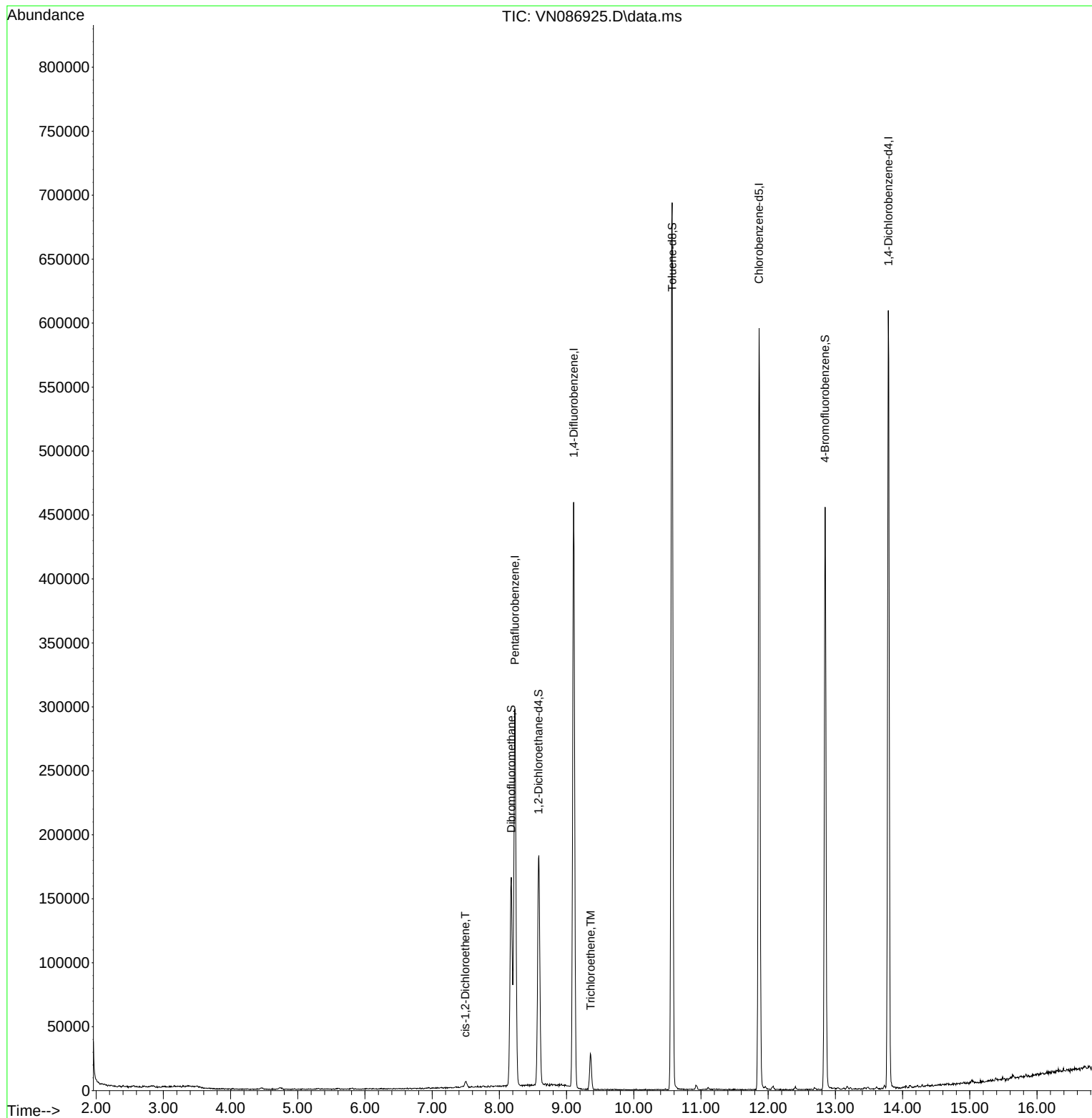
Internal Standards						
1) Pentafluorobenzene	8.229	168	229973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	427545	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	378315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	178396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	148918	48.364	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.720%		
35) Dibromofluoromethane	8.177	113	125537	49.546	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.100%		
50) Toluene-d8	10.570	98	514786	51.323	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.640%		
62) 4-Bromofluorobenzene	12.847	95	183096	49.132	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.260%		
Target Compounds						
27) cis-1,2-Dichloroethene	7.494	96	4772	1.401	ug/l	60
44) Trichloroethene	9.359	130	11253	3.844	ug/l	99

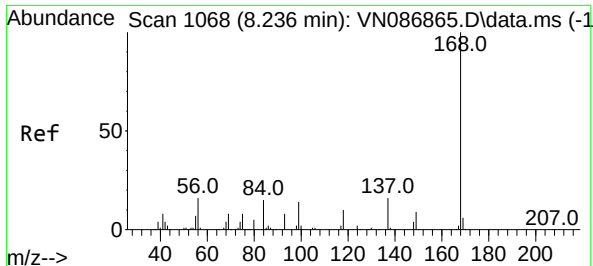
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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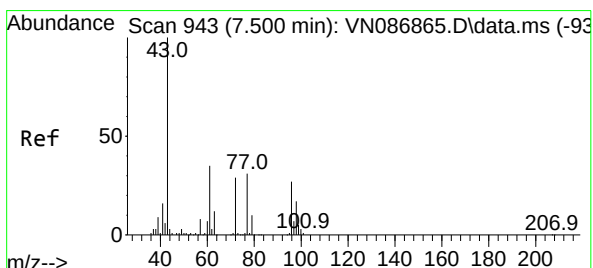
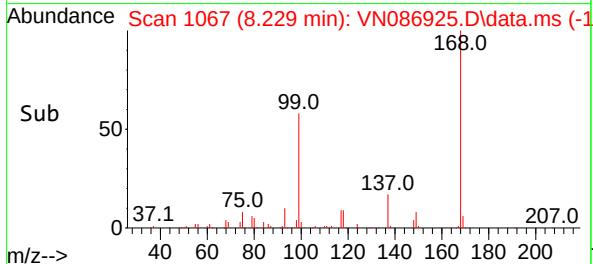
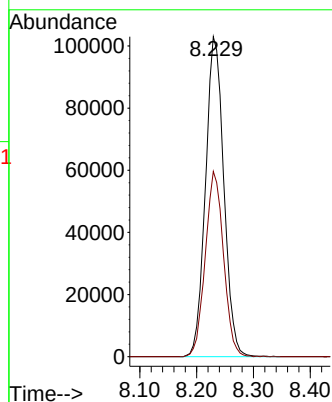
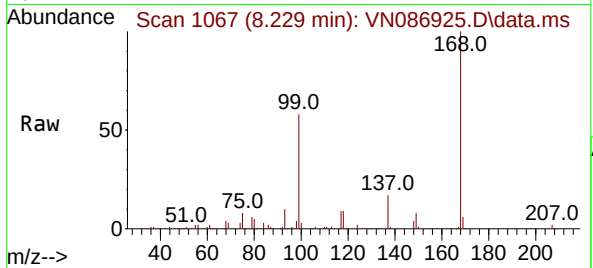




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.007 min
Lab File: VN086925.D
Acq: 10 Jun 2025 13:55

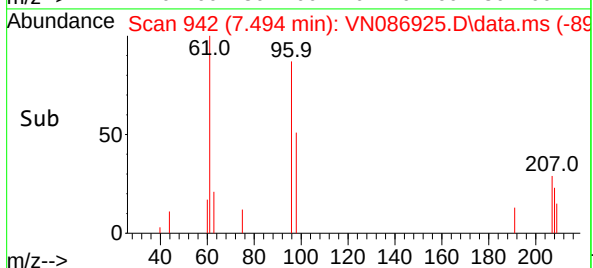
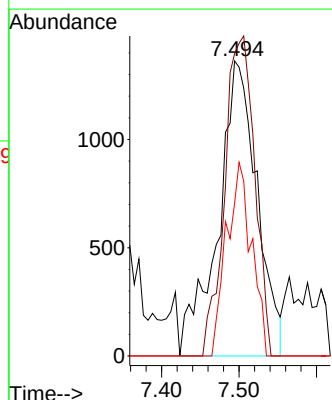
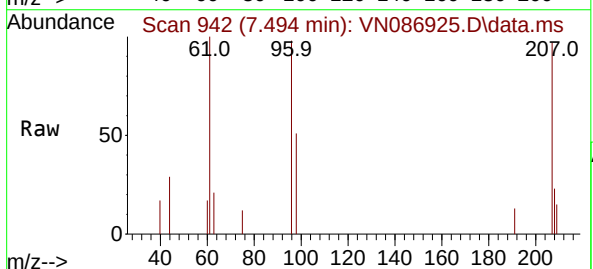
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-TB-20250603

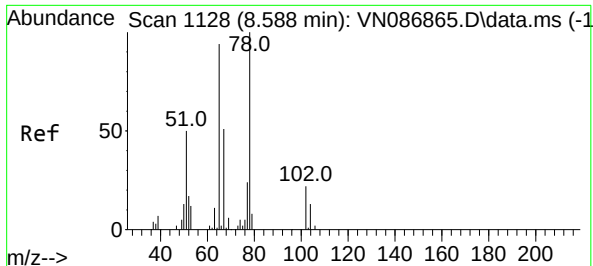
Tgt Ion:168 Resp: 229973
Ion Ratio Lower Upper
168 100
99 57.9 49.1 73.7



#27
cis-1,2-Dichloroethene
Concen: 1.401 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN086925.D
Acq: 10 Jun 2025 13:55

Tgt Ion: 96 Resp: 4772
Ion Ratio Lower Upper
96 100
61 83.5 0.0 278.0
98 42.1 0.0 128.2





#33

1,2-Dichloroethane-d4

Concen: 48.364 ug/l

RT: 8.582 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN086925.D

Acq: 10 Jun 2025 13:55

Instrument :

MSVOA_N

ClientSampleId :

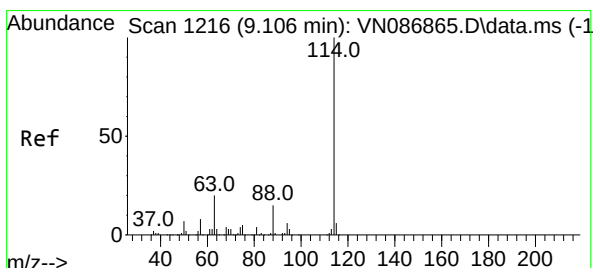
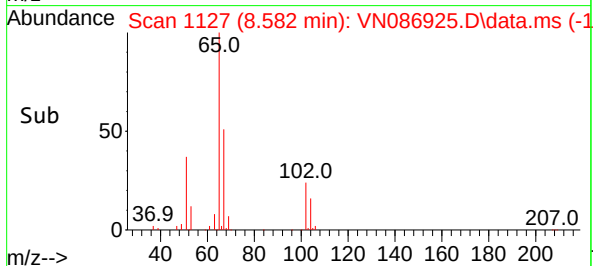
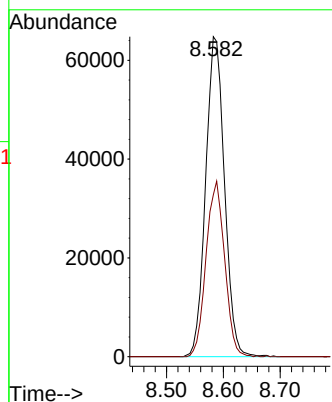
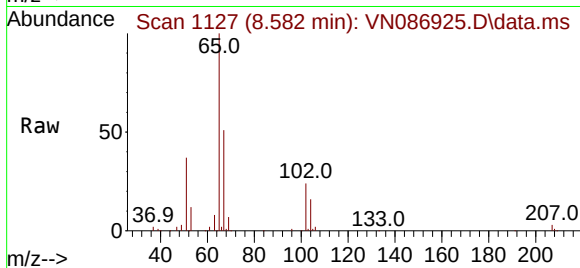
BP-VPB-182-TB-20250603

Tgt Ion: 65 Resp: 148918

Ion Ratio Lower Upper

65 100

67 54.1 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN086925.D

Acq: 10 Jun 2025 13:55

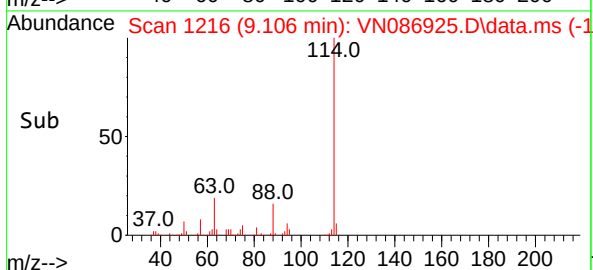
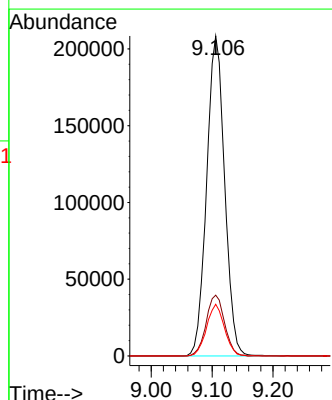
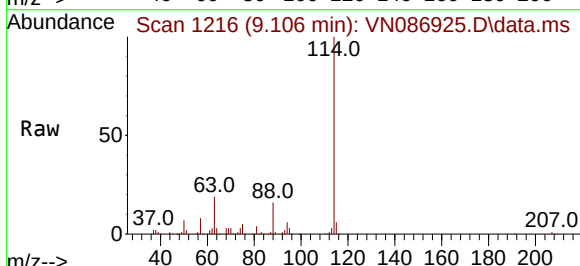
Tgt Ion: 114 Resp: 427545

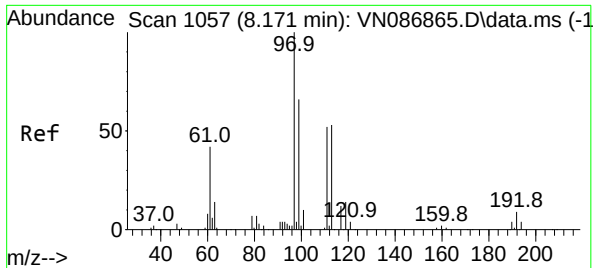
Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

88 16.2 0.0 30.2

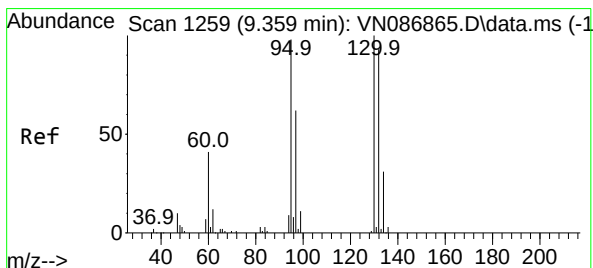
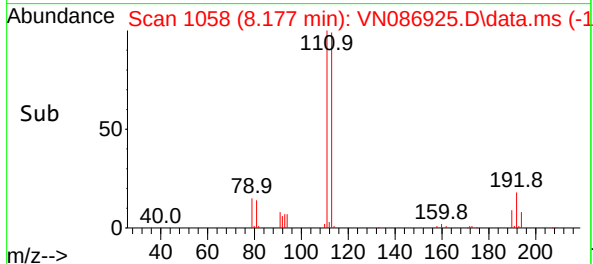
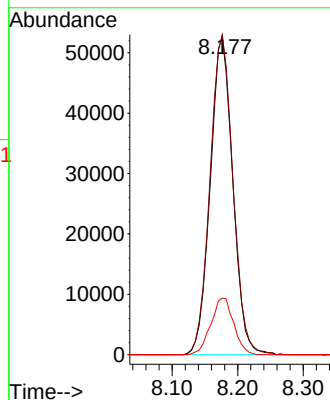
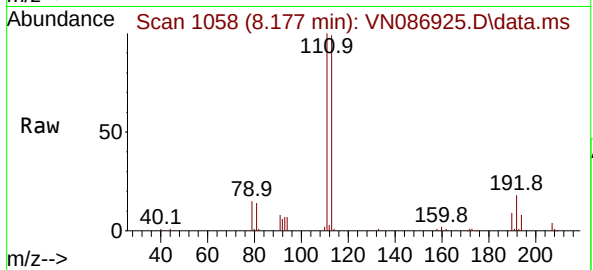




#35
 Dibromofluoromethane
 Concen: 49.546 ug/l
 RT: 8.177 min Scan# 1058
 Delta R.T. 0.006 min
 Lab File: VN086925.D
 Acq: 10 Jun 2025 13:55

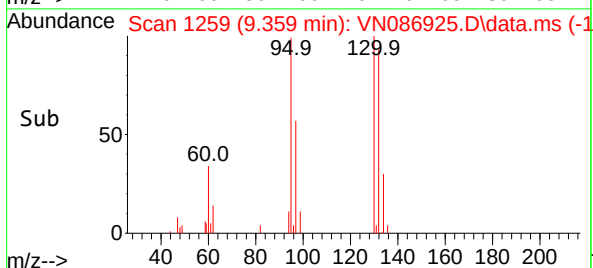
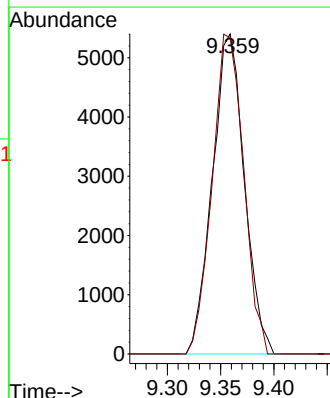
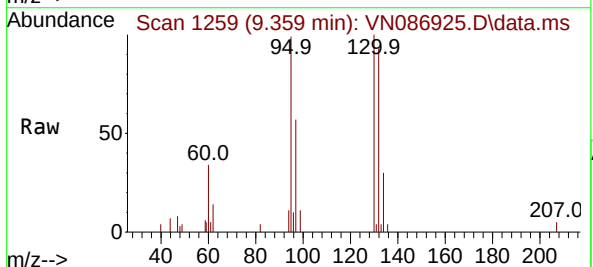
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-182-TB-20250603

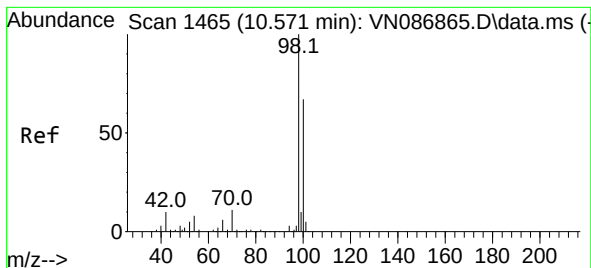
Tgt Ion:113 Resp: 125537
 Ion Ratio Lower Upper
 113 100
 111 102.5 84.2 126.2
 192 18.0 14.2 21.4



#44
 Trichloroethene
 Concen: 3.844 ug/l
 RT: 9.359 min Scan# 1259
 Delta R.T. -0.000 min
 Lab File: VN086925.D
 Acq: 10 Jun 2025 13:55

Tgt Ion:130 Resp: 11253
 Ion Ratio Lower Upper
 130 100
 95 98.8 0.0 196.2





#50

Toluene-d8

Concen: 51.323 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN086925.D

Acq: 10 Jun 2025 13:55

Instrument :

MSVOA_N

ClientSampleId :

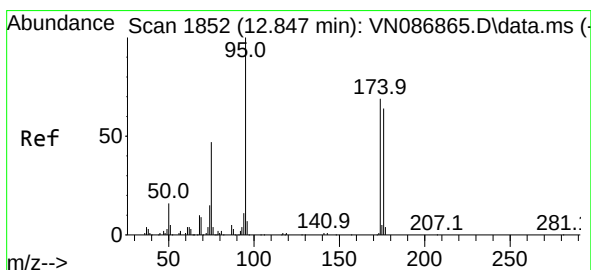
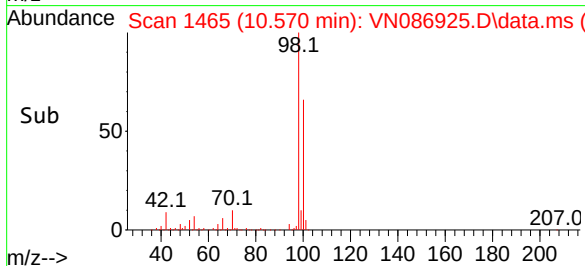
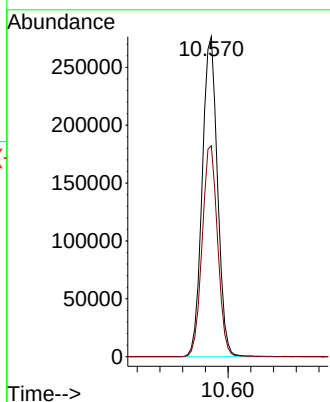
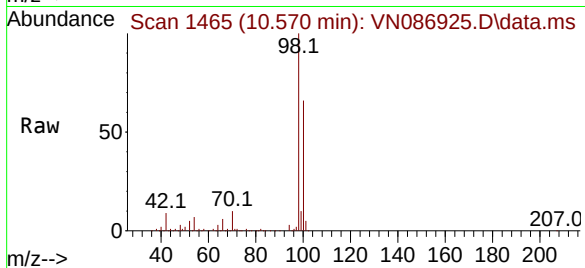
BP-VPB-182-TB-20250603

Tgt Ion: 98 Resp: 514786

Ion Ratio Lower Upper

98 100

100 66.6 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 49.132 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN086925.D

Acq: 10 Jun 2025 13:55

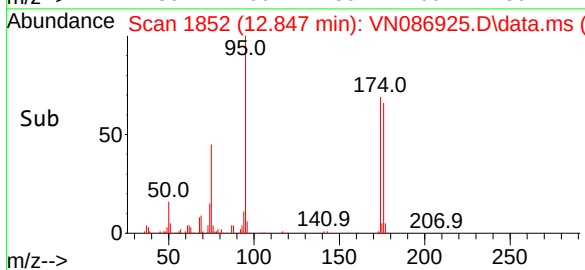
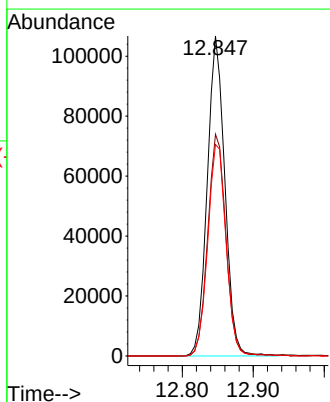
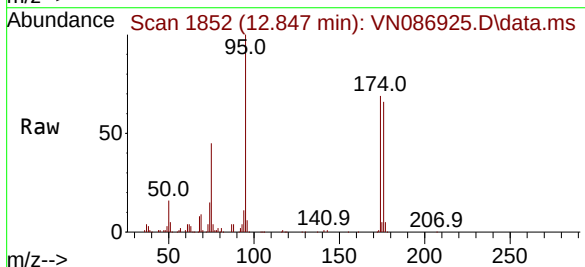
Tgt Ion: 95 Resp: 183096

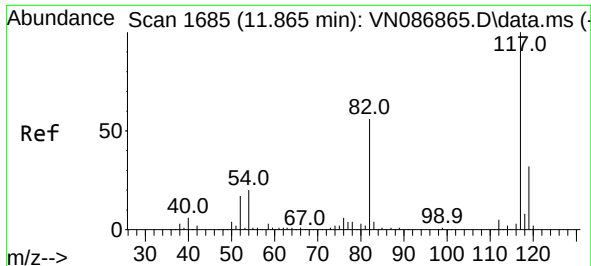
Ion Ratio Lower Upper

95 100

174 71.6 0.0 141.8

176 69.0 0.0 132.6

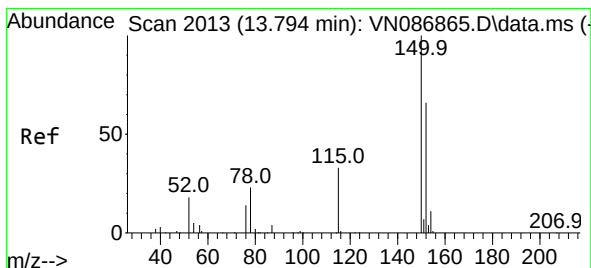
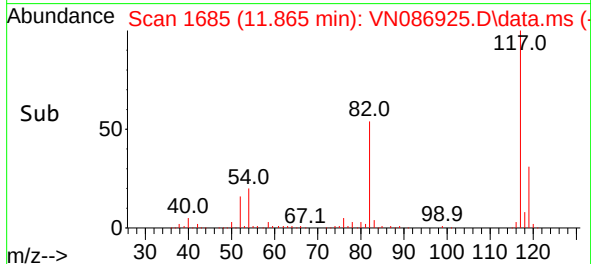
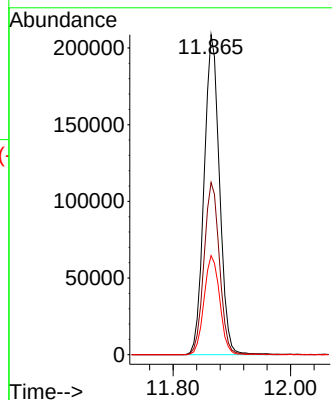
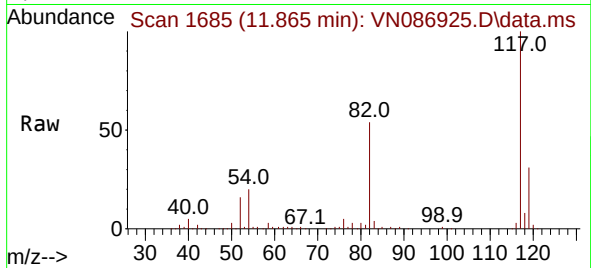




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086925.D
Acq: 10 Jun 2025 13:55

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-TB-20250603

Tgt Ion:117 Resp: 378315
Ion Ratio Lower Upper
117 100
82 53.8 44.6 67.0
119 30.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086925.D
Acq: 10 Jun 2025 13:55

Tgt Ion:152 Resp: 178396
Ion Ratio Lower Upper
152 100
115 60.3 30.1 90.5
150 157.0 0.0 345.0

