

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
 Data File : VN086933.D
 Acq On : 10 Jun 2025 16:48
 Operator : JC\MD
 Sample : Q2251-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-182-EB-20250604

Quant Time: Jun 11 01:57:47 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)

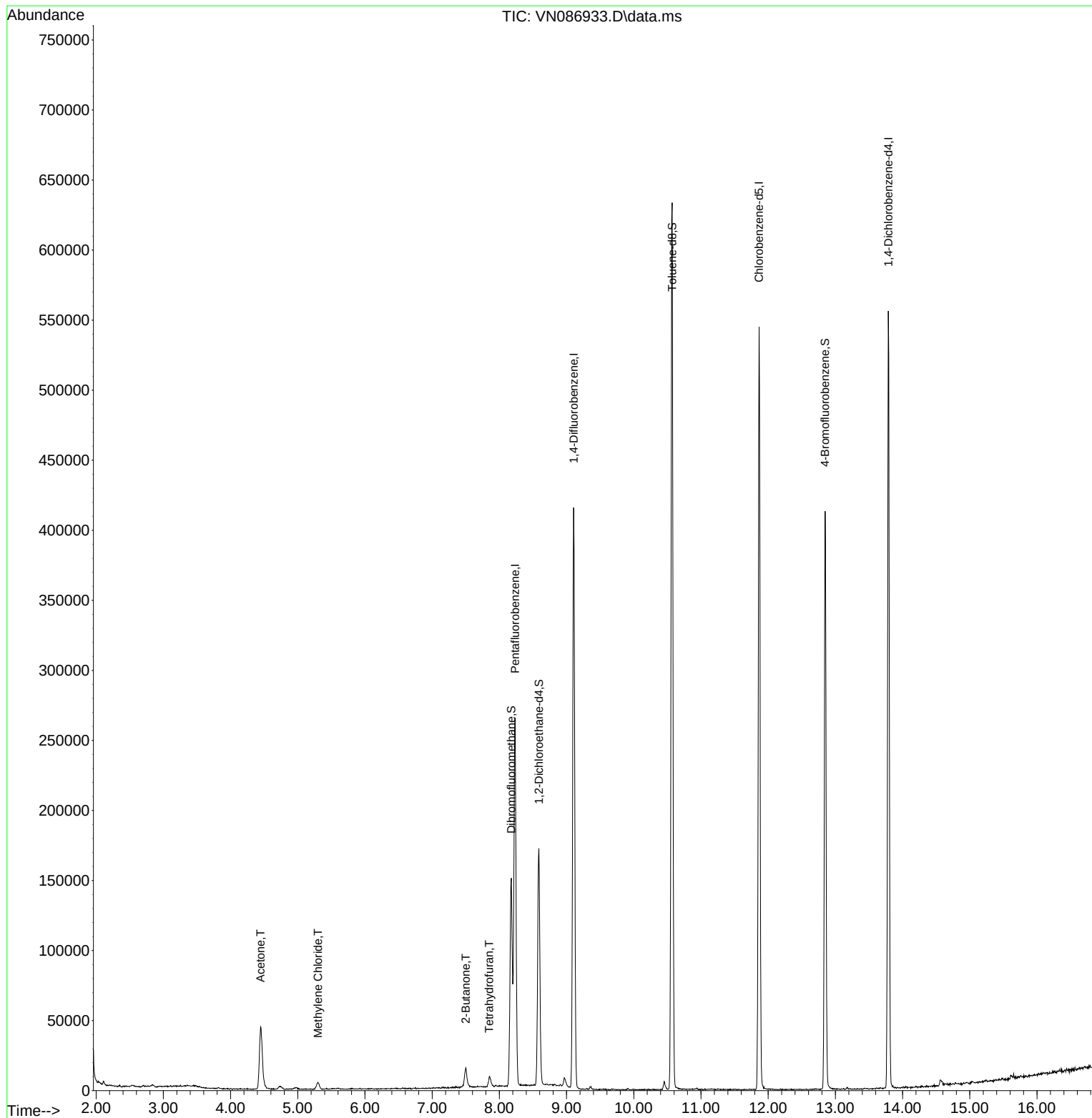
Internal Standards						
1) Pentafluorobenzene	8.235	168	207035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	385111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	340856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	162809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	139054	50.164	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.320%		
35) Dibromofluoromethane	8.177	113	114361	50.109	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.220%		
50) Toluene-d8	10.570	98	469495	51.965	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 103.920%		
62) 4-Bromofluorobenzene	12.847	95	166962	49.740	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 99.480%		
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	88685	60.330	ug/l	100
20) Methylene Chloride	5.300	84	4441	1.614	ug/l #	83
25) 2-Butanone	7.500	43	23219	9.717	ug/l	95
29) Tetrahydrofuran	7.847	42	5759	3.700	ug/l	96

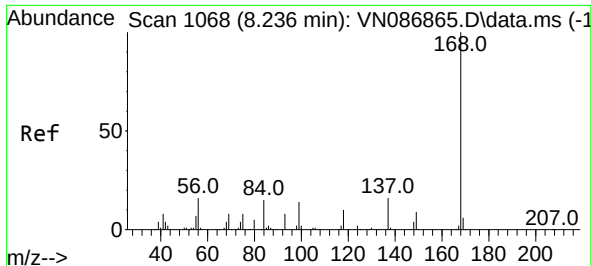
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086933.D
Acq On : 10 Jun 2025 16:48
Operator : JC\MD
Sample : Q2251-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-EB-20250604

Quant Time: Jun 11 01:57:47 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

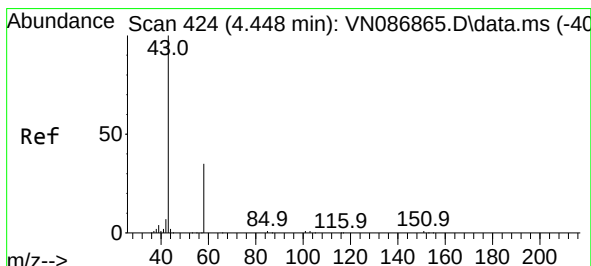
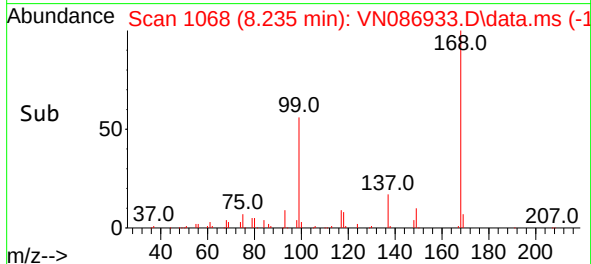
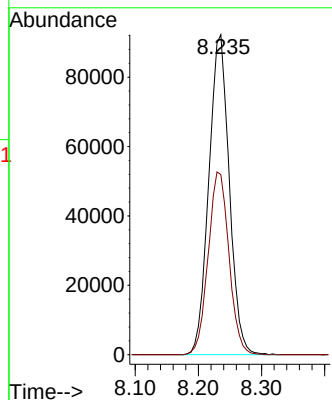
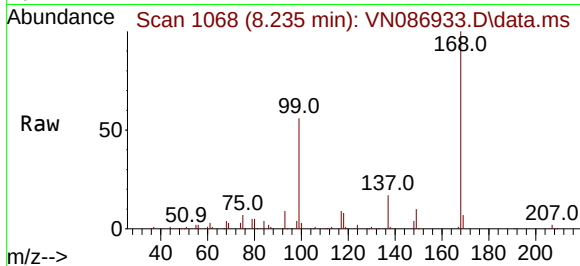




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN086933.D
Acq: 10 Jun 2025 16:48

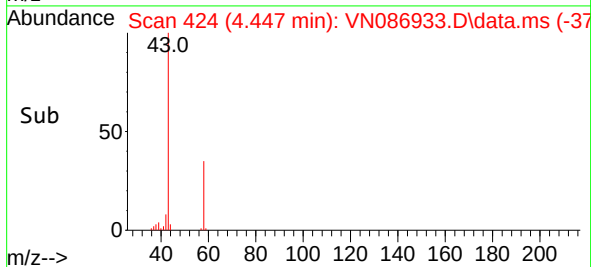
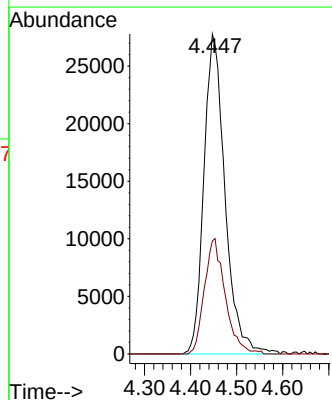
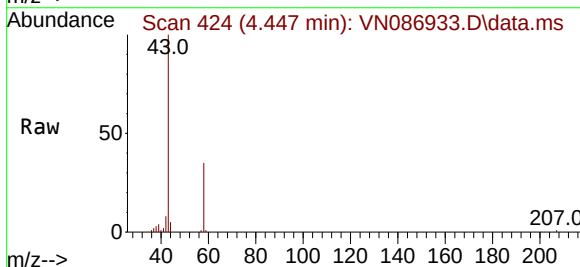
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-EB-20250604

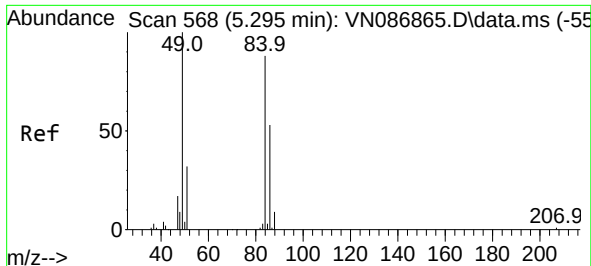
Tgt Ion:168 Resp: 207035
Ion Ratio Lower Upper
168 100
99 56.3 49.1 73.7



#16
Acetone
Concen: 60.330 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086933.D
Acq: 10 Jun 2025 16:48

Tgt Ion: 43 Resp: 88685
Ion Ratio Lower Upper
43 100
58 35.3 28.0 42.0

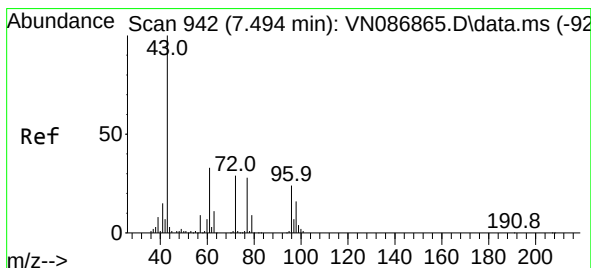
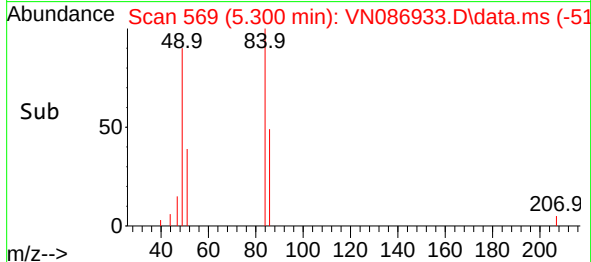
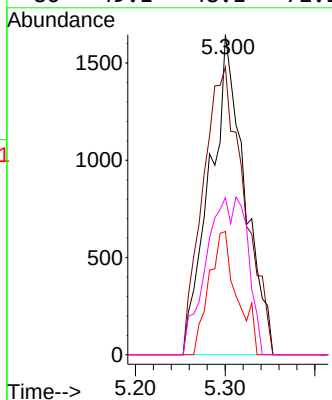
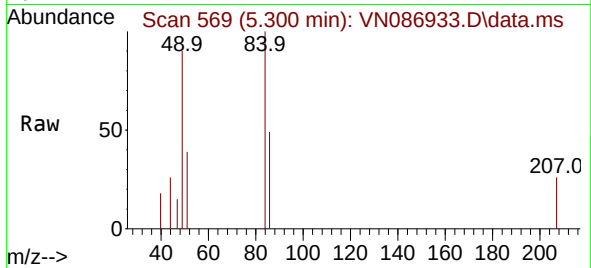




#20
Methylene Chloride
Concen: 1.614 ug/l
RT: 5.300 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086933.D
Acq: 10 Jun 2025 16:48

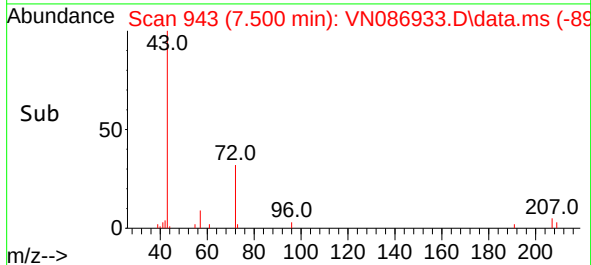
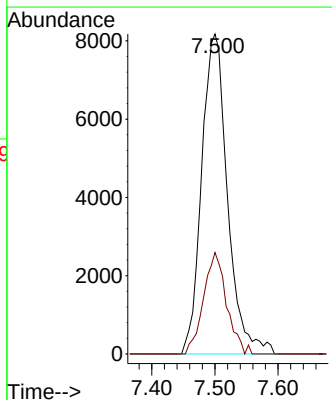
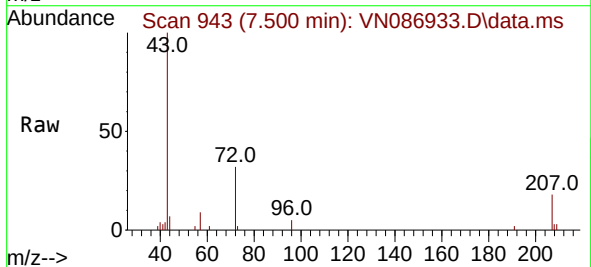
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-EB-20250604

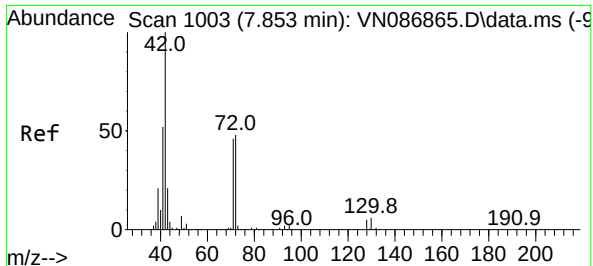
Tgt Ion:	84	Resp:	4441
Ion	Ratio	Lower	Upper
84	100		
49	89.9	90.5	135.7#
51	38.5	28.5	42.7
86	49.1	48.1	72.1



#25
2-Butanone
Concen: 9.717 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN086933.D
Acq: 10 Jun 2025 16:48

Tgt Ion:	43	Resp:	23219
Ion	Ratio	Lower	Upper
43	100		
72	31.7	23.0	34.6





#29

Tetrahydrofuran

Concen: 3.700 ug/l

RT: 7.847 min Scan# 110

Delta R.T. -0.006 min

Lab File: VN086933.D

Acq: 10 Jun 2025 16:48

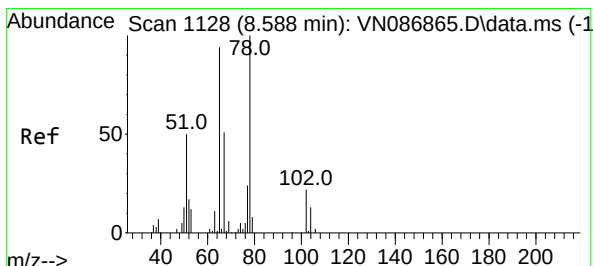
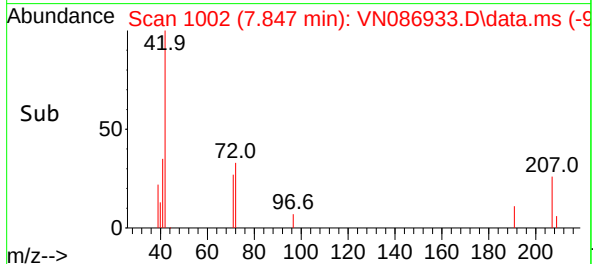
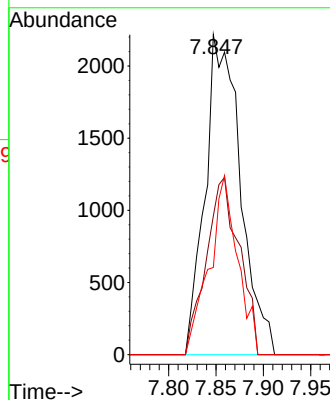
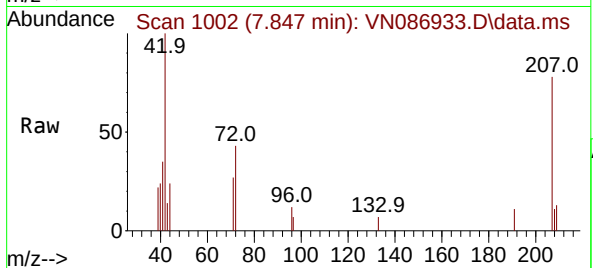
Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-182-EB-20250604

Tgt Ion:	42	Resp:	5759
Ion	Ratio	Lower	Upper
42	100		
72	51.7	37.8	56.6
71	44.8	35.6	53.4



#33

1,2-Dichloroethane-d4

Concen: 50.164 ug/l

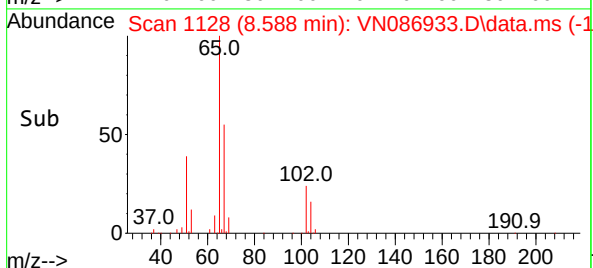
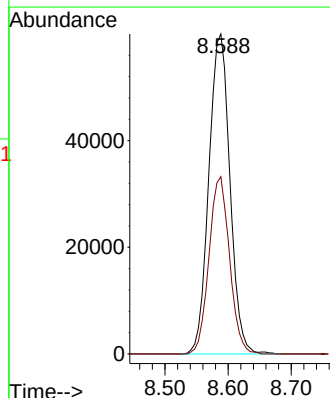
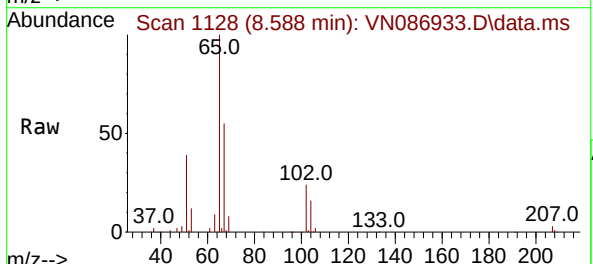
RT: 8.588 min Scan# 1128

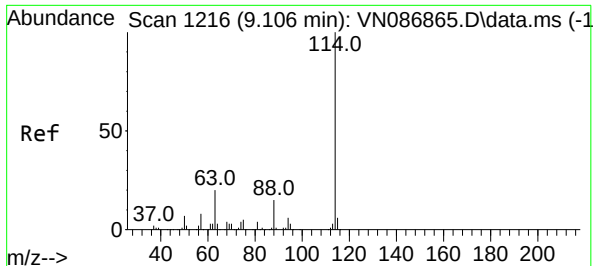
Delta R.T. -0.000 min

Lab File: VN086933.D

Acq: 10 Jun 2025 16:48

Tgt Ion:	65	Resp:	139054
Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	105.6

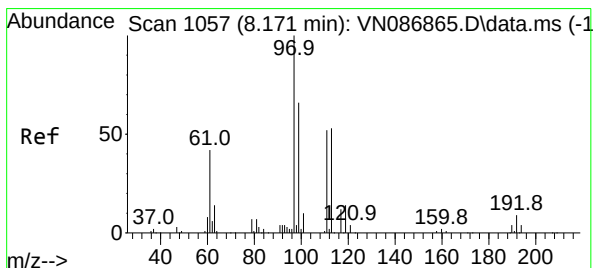
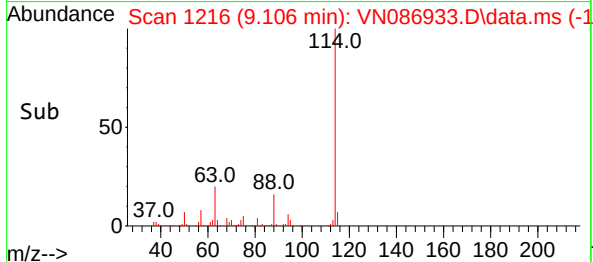
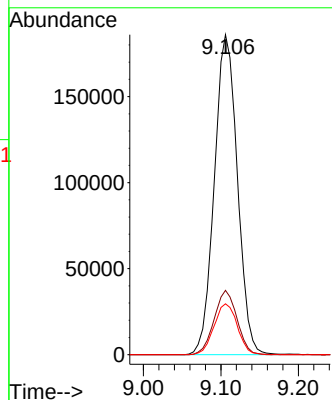
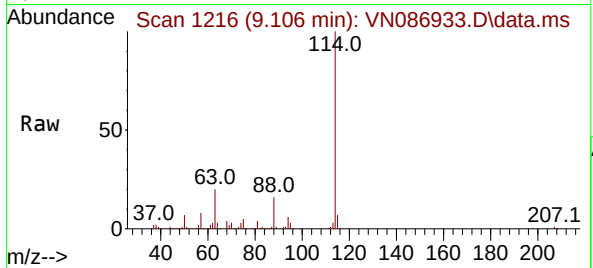




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086933.D
Acq: 10 Jun 2025 16:48

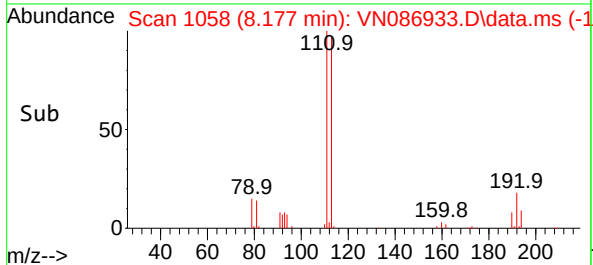
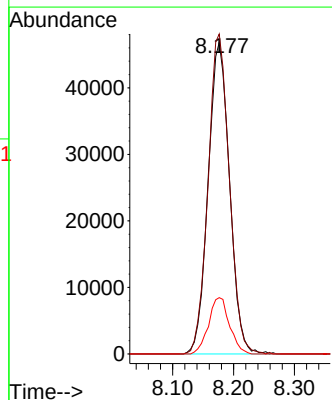
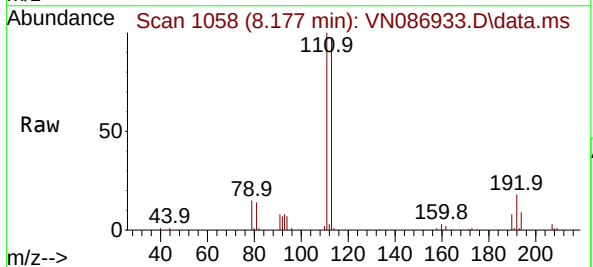
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-EB-20250604

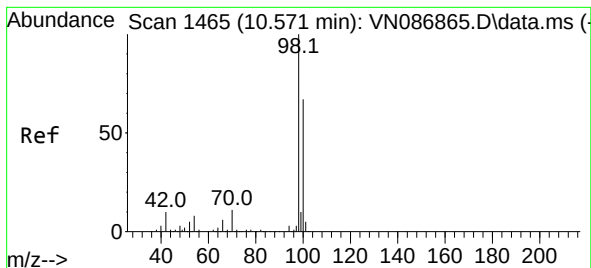
Tgt Ion:	114	Resp:	385111
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.6
88	15.9	0.0	30.2



#35
Dibromofluoromethane
Concen: 50.109 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN086933.D
Acq: 10 Jun 2025 16:48

Tgt Ion:	113	Resp:	114361
Ion	Ratio	Lower	Upper
113	100		
111	101.9	84.2	126.2
192	17.6	14.2	21.4





#50

Toluene-d8

Concen: 51.965 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN086933.D

Acq: 10 Jun 2025 16:48

Instrument :

MSVOA_N

ClientSampleId :

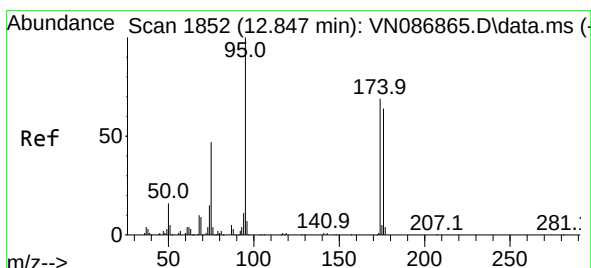
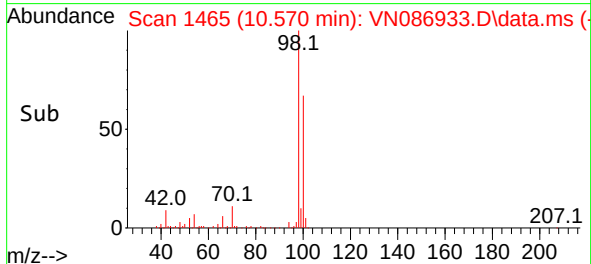
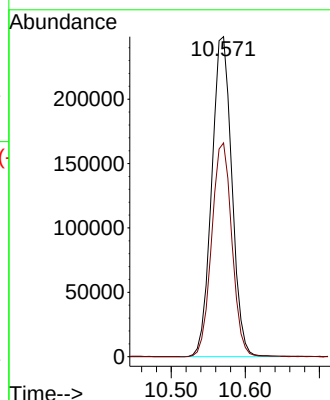
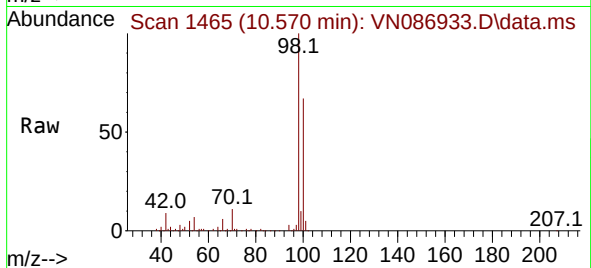
BP-VPB-182-EB-20250604

Tgt Ion: 98 Resp: 469495

Ion Ratio Lower Upper

98 100

100 67.0 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 49.740 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN086933.D

Acq: 10 Jun 2025 16:48

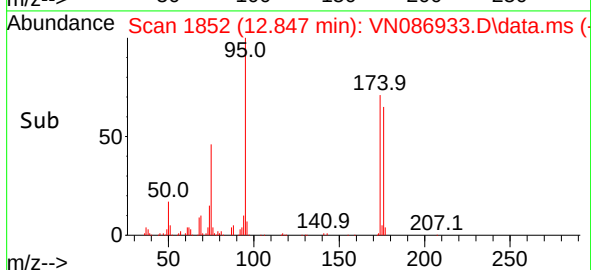
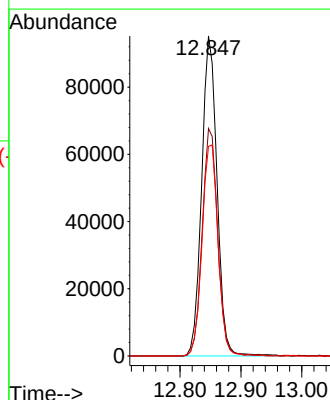
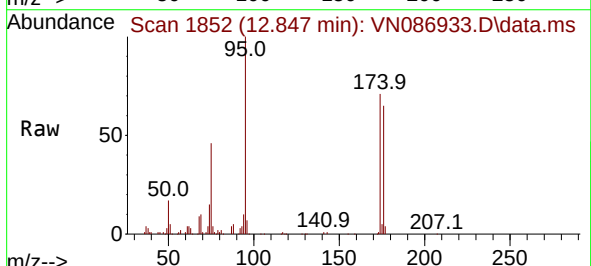
Tgt Ion: 95 Resp: 166962

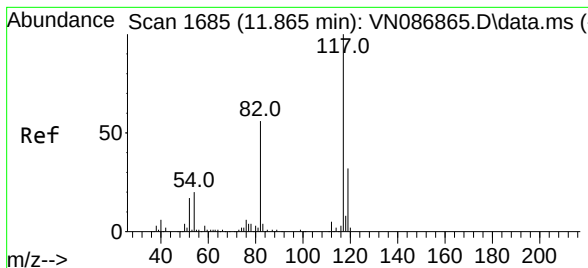
Ion Ratio Lower Upper

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# 1

Delta R.T. -0.000 min

Lab File: VN086933.D

Acq: 10 Jun 2025 16:48

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-182-EB-20250604

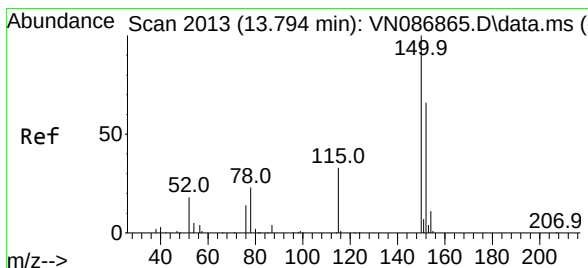
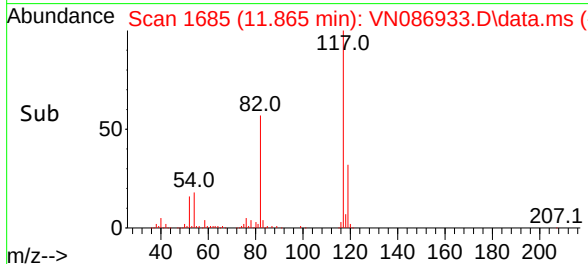
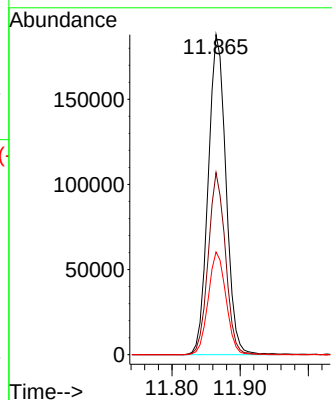
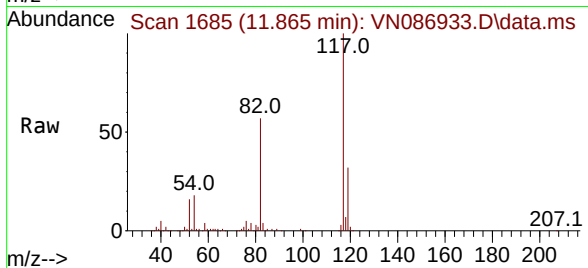
Tgt Ion:117 Resp: 340856

Ion Ratio Lower Upper

117 100

82 56.9 44.6 67.0

119 32.1 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: VN086933.D

Acq: 10 Jun 2025 16:48

Tgt Ion:152 Resp: 162809

Ion Ratio Lower Upper

152 100

115 61.0 30.1 90.5

150 158.4 0.0 345.0

