

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032825\
 Data File : VN086157.D
 Acq On : 28 Mar 2025 17:54
 Operator : JC\MD
 Sample : Q1664-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-BBDGA-005-01

Quant Time: Mar 28 23:39:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

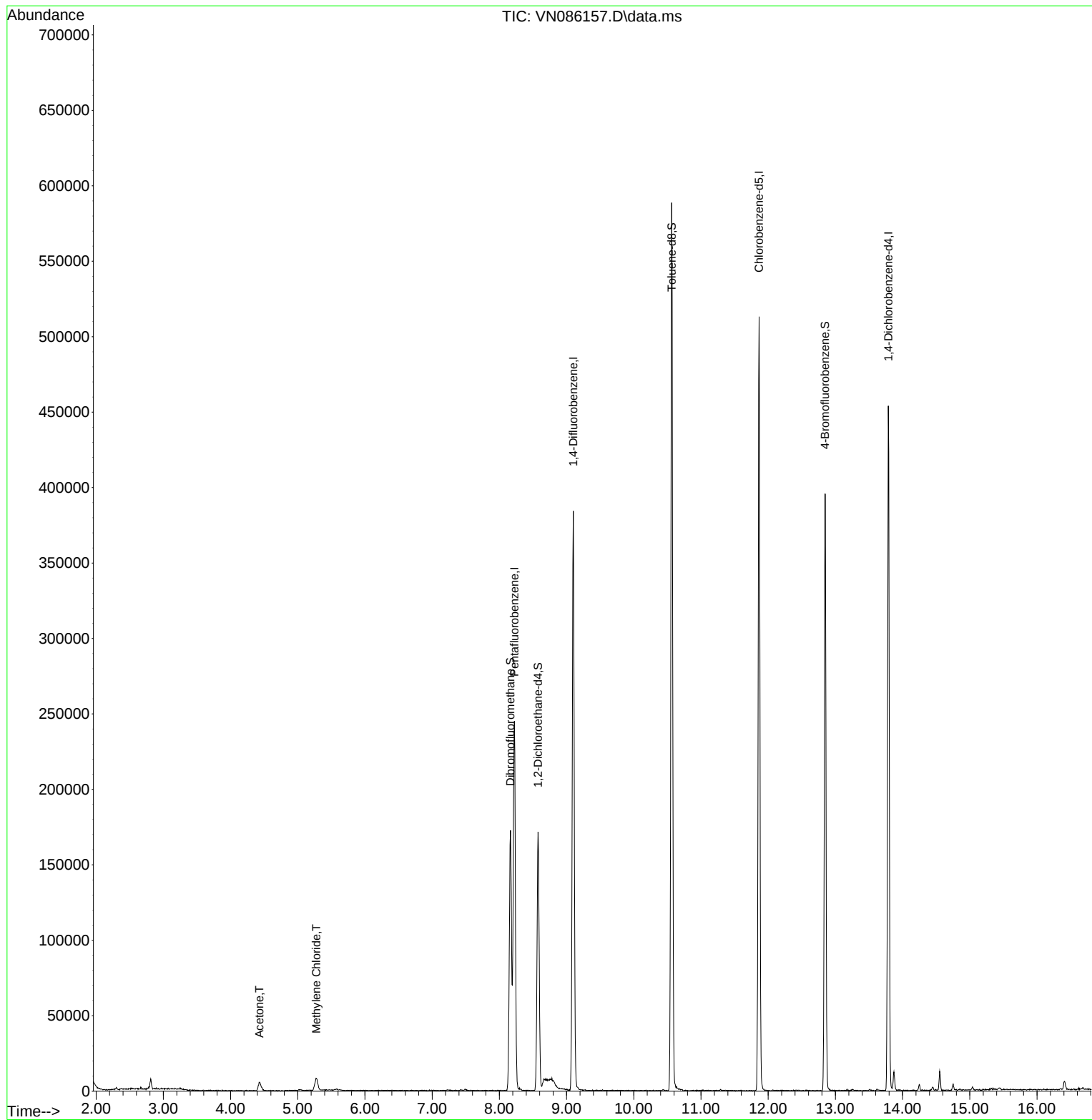
Internal Standards						
1) Pentafluorobenzene	8.224	168	178122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	334940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	306507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	139783	57.309	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.620%			
35) Dibromofluoromethane	8.165	113	123503	52.828	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.660%			
50) Toluene-d8	10.565	98	415768	49.002	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.000%			
62) 4-Bromofluorobenzene	12.847	95	137224	45.350	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 90.700%			
Target Compounds					Qvalue	
16) Acetone	4.430	43	11107	14.905	ug/l #	87
20) Methylene Chloride	5.277	84	7206	3.306	ug/l #	93

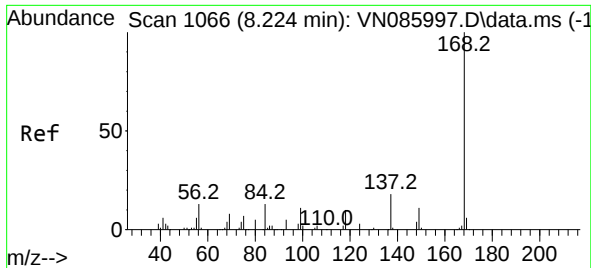
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN086157.D
Acq On : 28 Mar 2025 17:54
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Sample : Q1664-16
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-005-01

Quant Time: Mar 28 23:39:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
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Response via : Initial Calibration

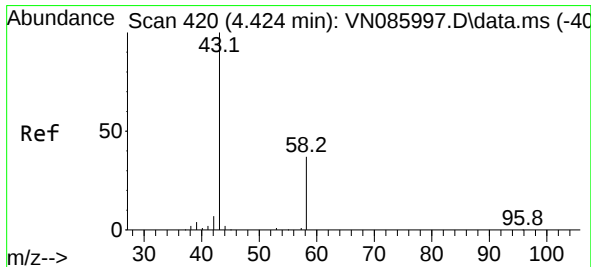
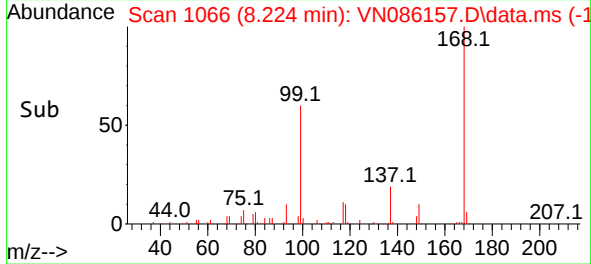
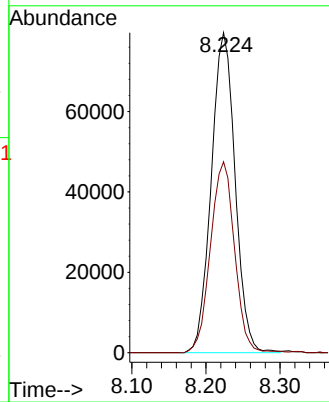
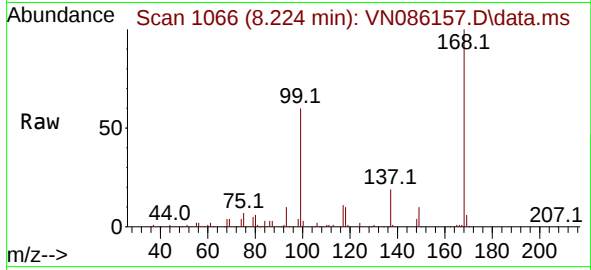




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086157.D
Acq: 28 Mar 2025 17:54

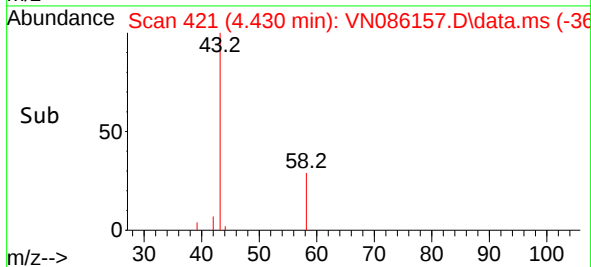
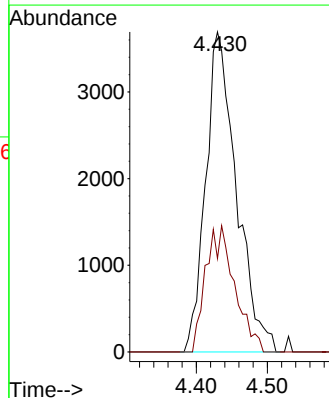
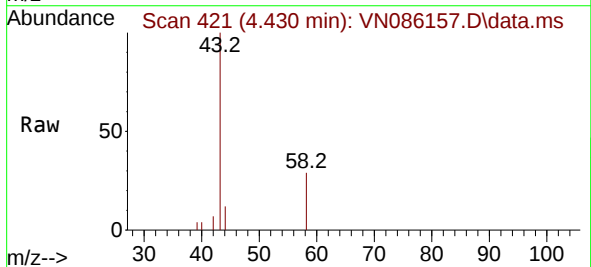
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-005-01

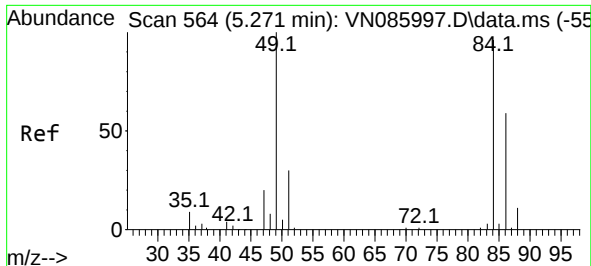
Tgt Ion:168 Resp: 178122
Ion Ratio Lower Upper
168 100
99 59.6 49.4 74.2



#16
Acetone
Concen: 14.905 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086157.D
Acq: 28 Mar 2025 17:54

Tgt Ion: 43 Resp: 11107
Ion Ratio Lower Upper
43 100
58 29.2 29.4 44.2#

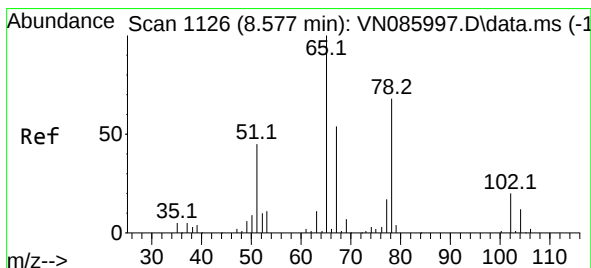
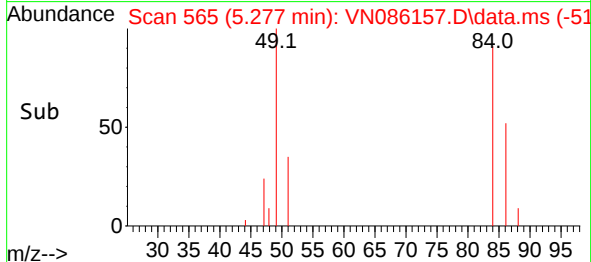
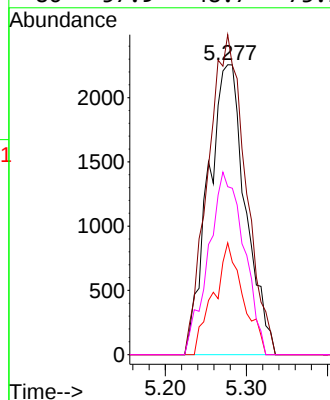
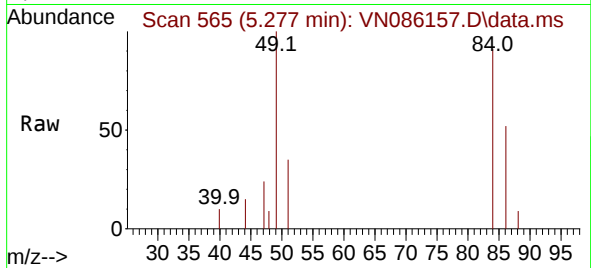




#20
Methylene Chloride
Concen: 3.306 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086157.D
Acq: 28 Mar 2025 17:54

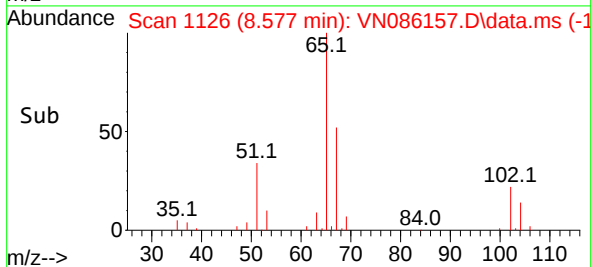
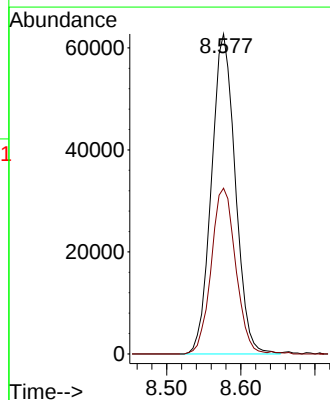
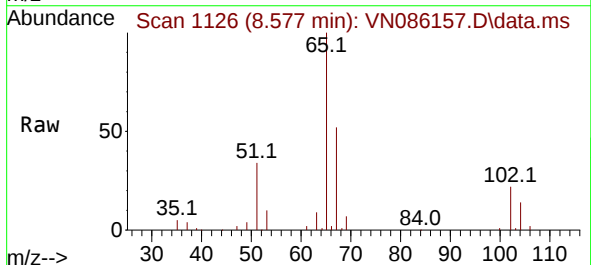
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-005-01

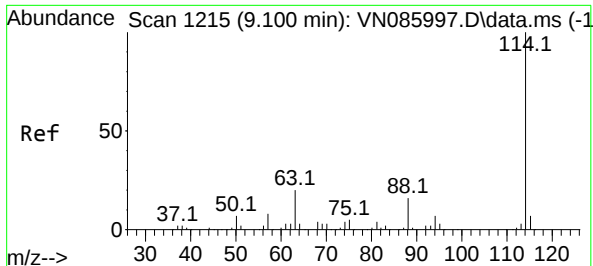
Tgt Ion: 84	Resp:	7206	
Ion	Ratio	Lower	Upper
84	100		
49	110.4	83.3	124.9
51	38.6	24.8	37.2#
86	57.9	48.7	73.1



#33
1,2-Dichloroethane-d4
Concen: 57.309 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086157.D
Acq: 28 Mar 2025 17:54

Tgt Ion: 65	Resp: 139783
Ion Ratio	Lower Upper
65 100	
67 53.1	0.0 102.2

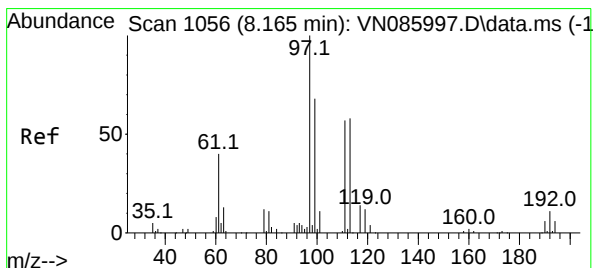
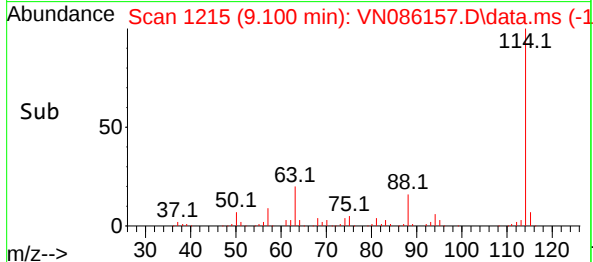
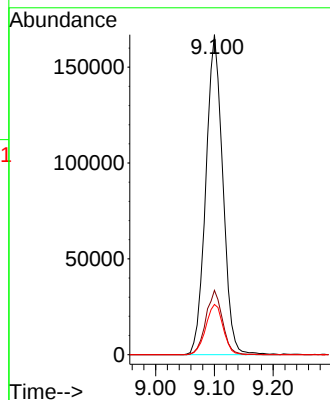
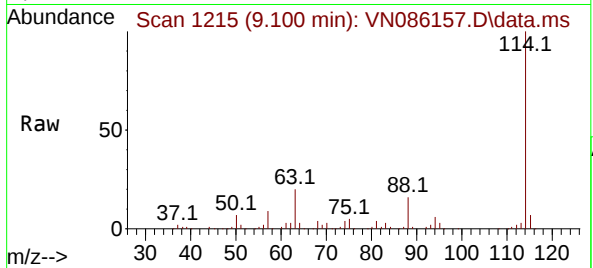




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086157.D
Acq: 28 Mar 2025 17:54

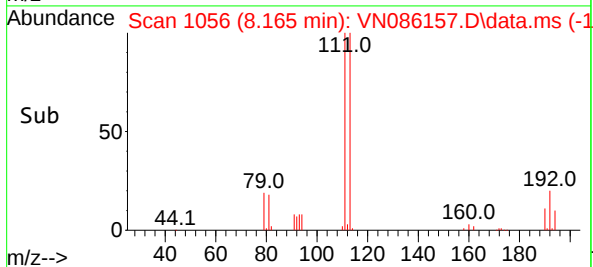
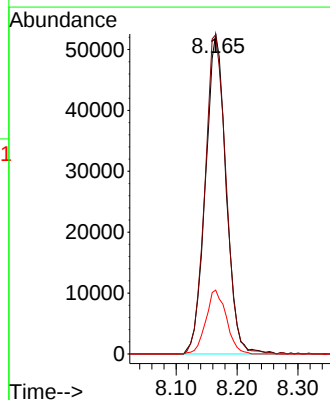
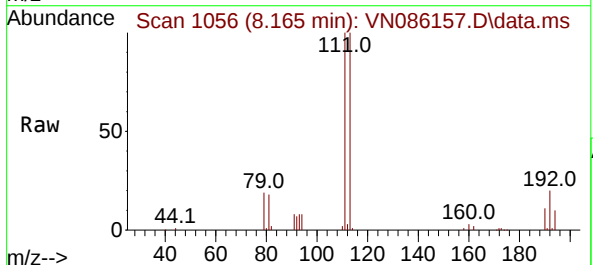
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-005-01

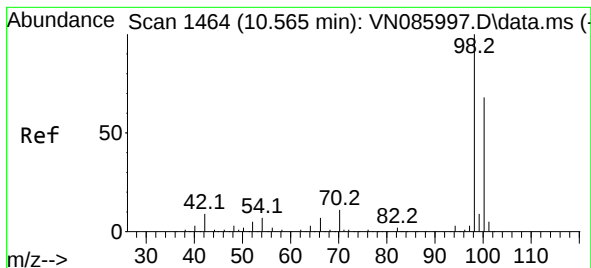
Tgt Ion:114 Resp: 334940
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.6
88 15.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 52.828 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086157.D
Acq: 28 Mar 2025 17:54

Tgt Ion:113 Resp: 123503
Ion Ratio Lower Upper
113 100
111 101.7 81.8 122.8
192 19.8 15.9 23.9

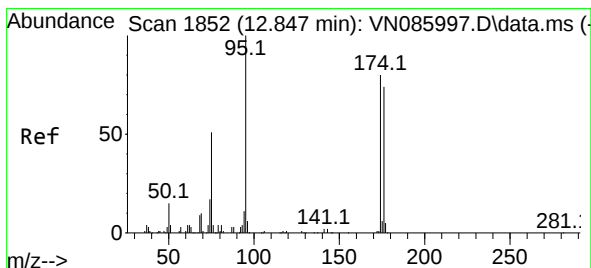
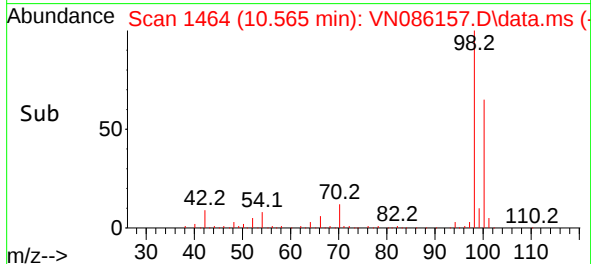
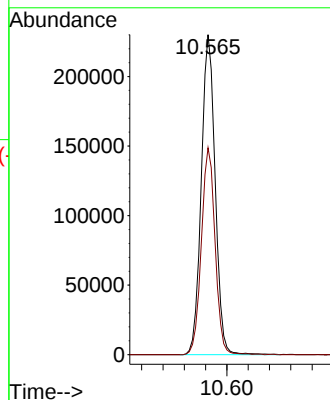
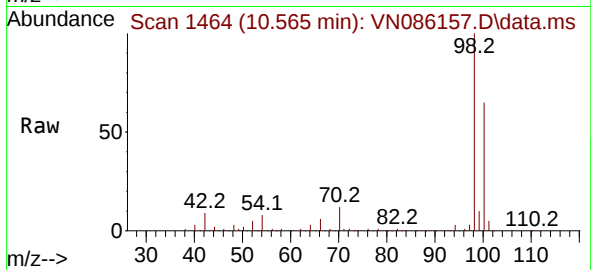




#50
Toluene-d8
Concen: 49.002 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086157.D
Acq: 28 Mar 2025 17:54

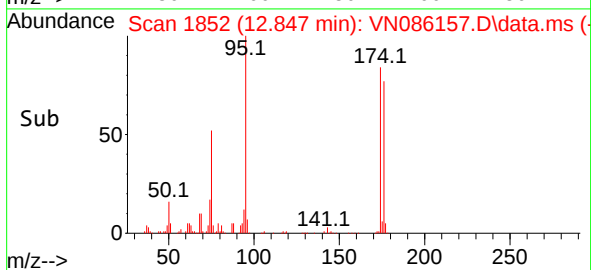
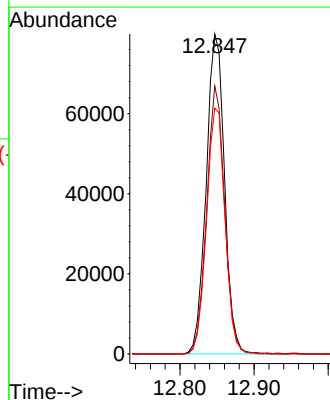
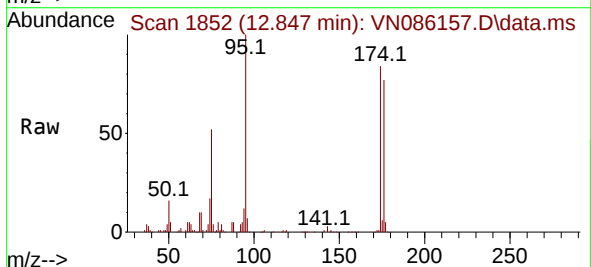
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-005-01

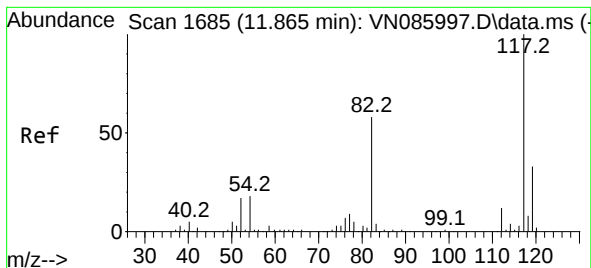
Tgt Ion: 98 Resp: 415768
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.350 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086157.D
Acq: 28 Mar 2025 17:54

Tgt Ion: 95 Resp: 137224
Ion Ratio Lower Upper
95 100
174 82.1 0.0 156.8
176 77.5 0.0 152.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086157.D

Acq: 28 Mar 2025 17:54

Instrument :

MSVOA_N

ClientSampleId :

P001-BBDGA-005-01

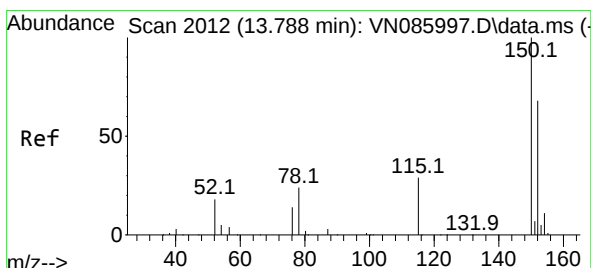
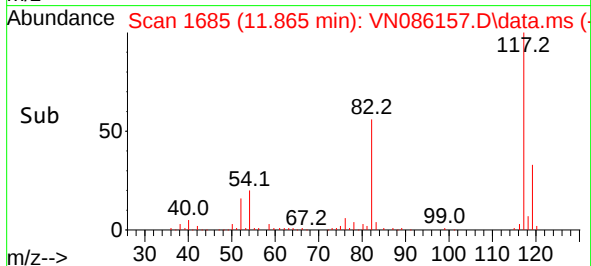
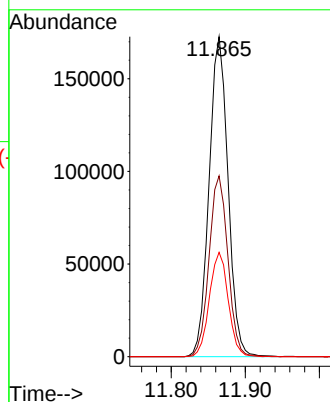
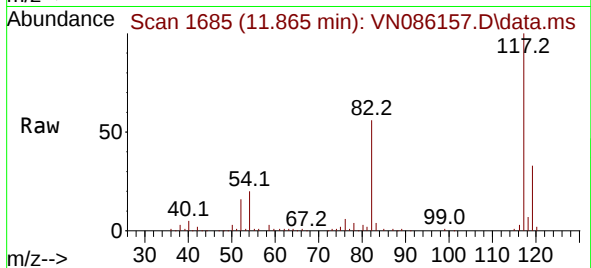
Tgt Ion:117 Resp: 306507

Ion Ratio Lower Upper

117 100

82 56.5 46.7 70.1

119 32.6 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN086157.D

Acq: 28 Mar 2025 17:54

Tgt Ion:152 Resp: 131137

Ion Ratio Lower Upper

152 100

115 60.0 31.1 93.2

150 156.6 0.0 359.6

