

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032825\
 Data File : VN086159.D
 Acq On : 28 Mar 2025 18:42
 Operator : JC\MD
 Sample : Q1664-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-BBDGA-007-01

Quant Time: Mar 28 23:39:49 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)

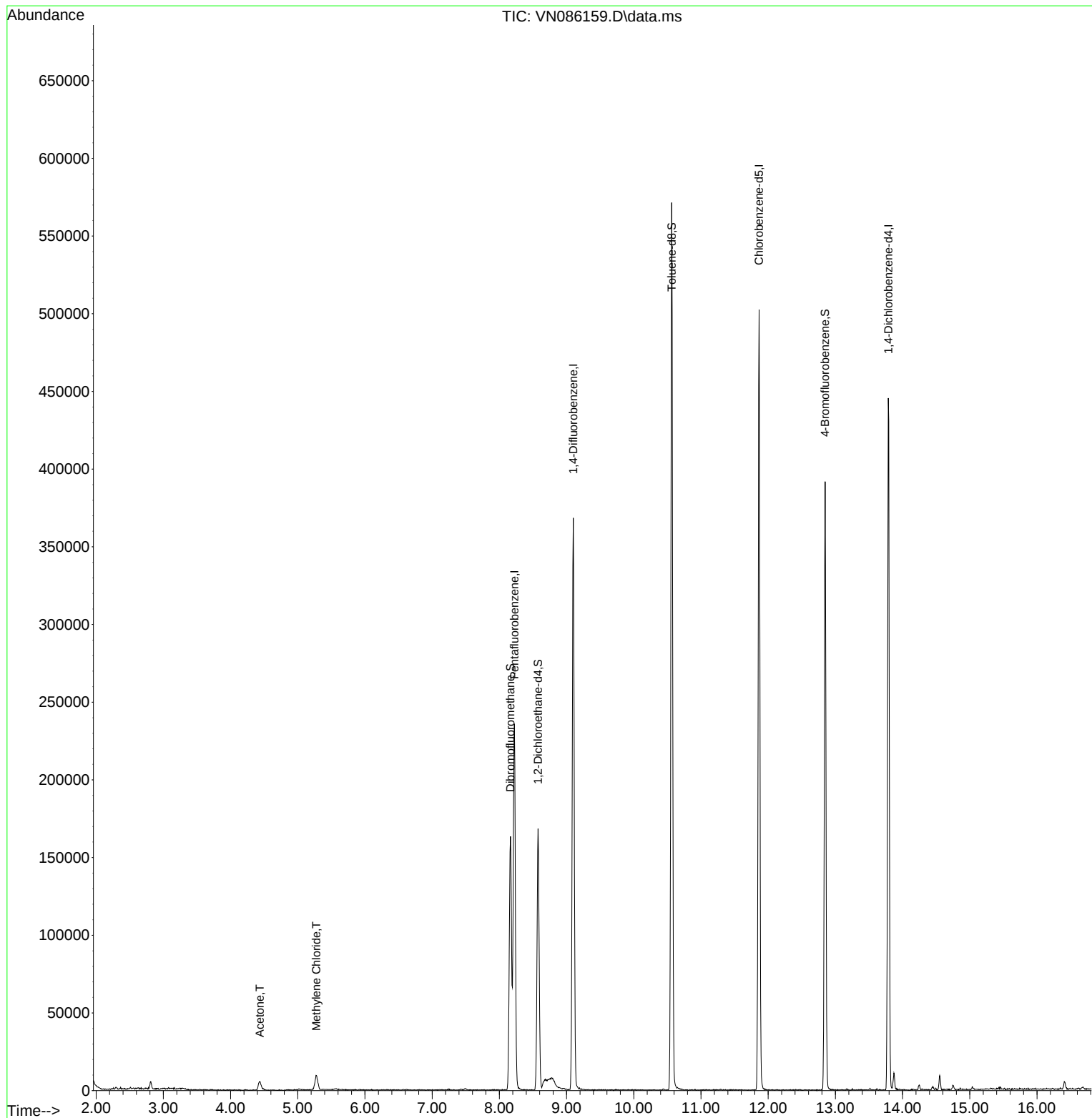
Internal Standards						
1) Pentafluorobenzene	8.224	168	167744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	321208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	300008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	130900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	135916	59.171	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	118.340%
35) Dibromofluoromethane	8.165	113	121238	54.076	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.160%
50) Toluene-d8	10.565	98	400286	49.194	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.380%
62) 4-Bromofluorobenzene	12.847	95	136311	46.974	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.940%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	10983	15.651	ug/l	94
20) Methylene Chloride	5.277	84	7787	3.793	ug/l	98

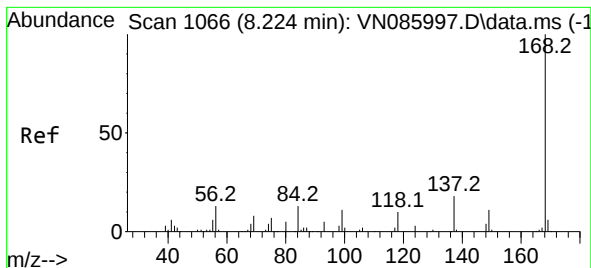
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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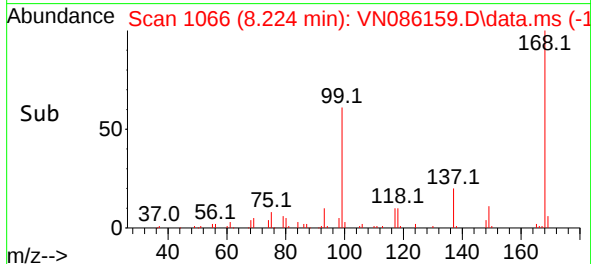
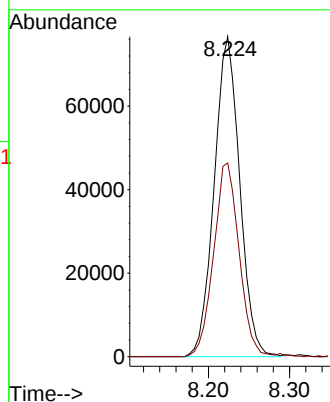
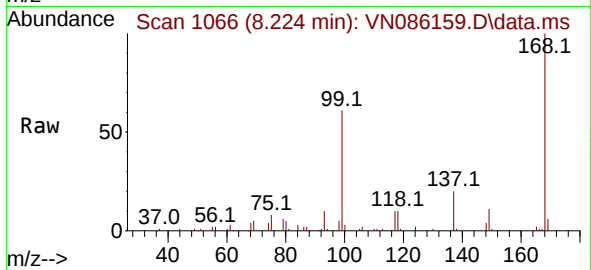




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086159.D
Acq: 28 Mar 2025 18:42

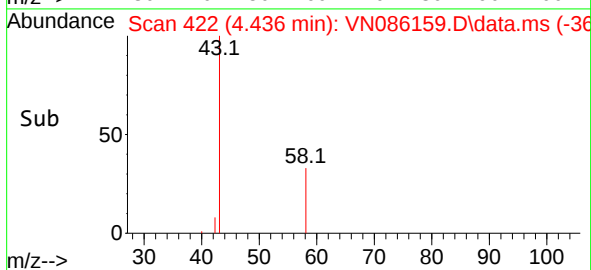
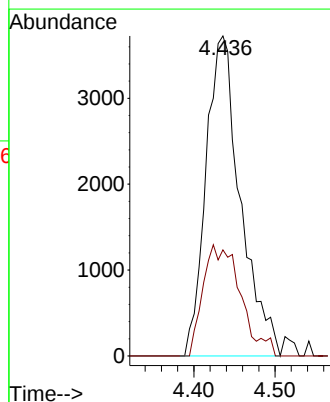
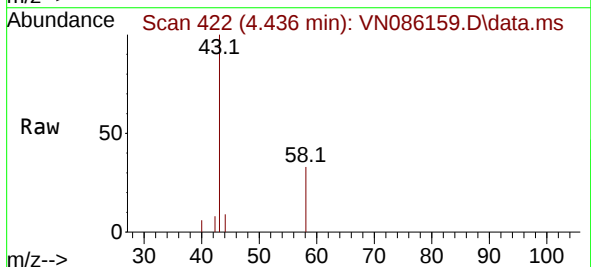
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-007-01

Tgt Ion:168 Resp: 167744
Ion Ratio Lower Upper
168 100
99 60.6 49.4 74.2



#16
Acetone
Concen: 15.651 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086159.D
Acq: 28 Mar 2025 18:42

Tgt Ion: 43 Resp: 10983
Ion Ratio Lower Upper
43 100
58 33.2 29.4 44.2

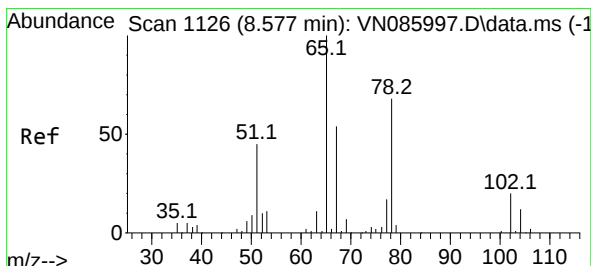
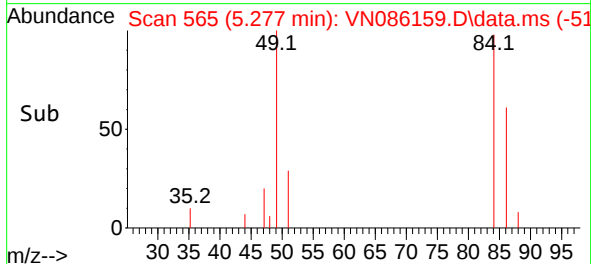
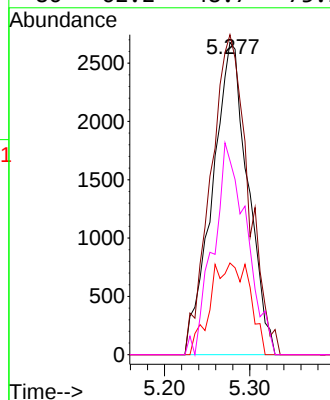
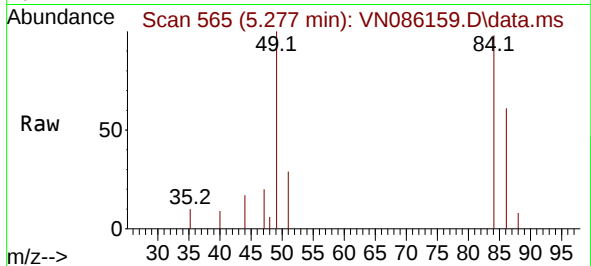




#20
Methylene Chloride
Concen: 3.793 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086159.D
Acq: 28 Mar 2025 18:42

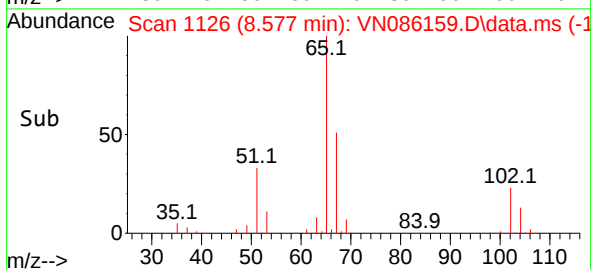
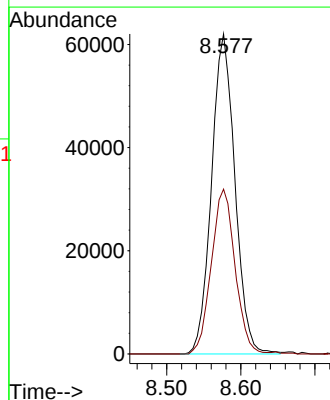
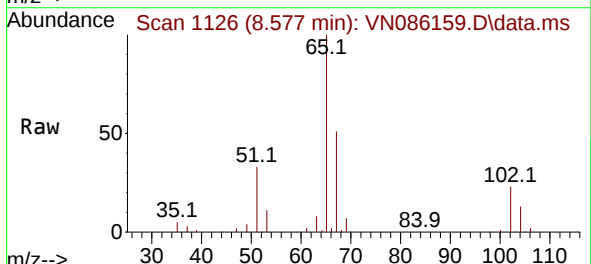
Instrument :
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ClientSampleId :
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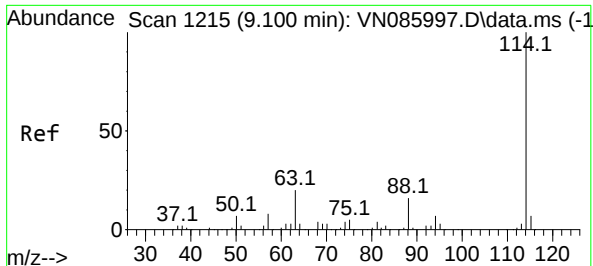
Tgt Ion: 84	Resp: 7787
Ion Ratio	Lower Upper
84 100	
49 102.5	83.3 124.9
51 29.4	24.8 37.2
86 62.2	48.7 73.1



#33
1,2-Dichloroethane-d4
Concen: 59.171 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086159.D
Acq: 28 Mar 2025 18:42

Tgt Ion: 65	Resp: 135916
Ion Ratio	Lower Upper
65 100	
67 52.2	0.0 102.2

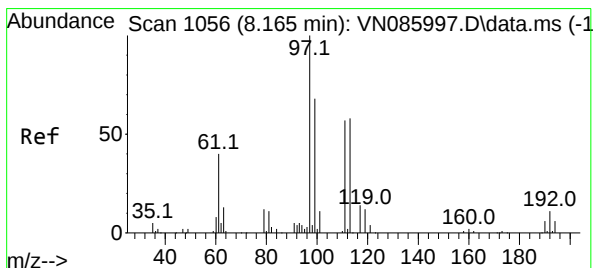
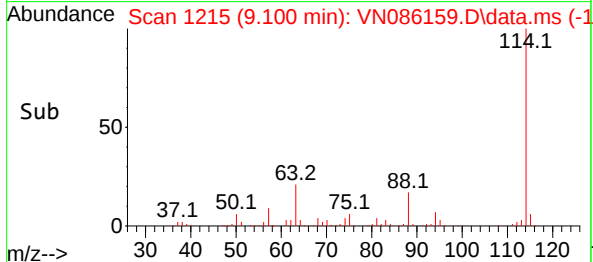
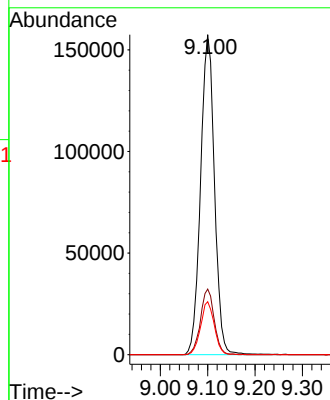
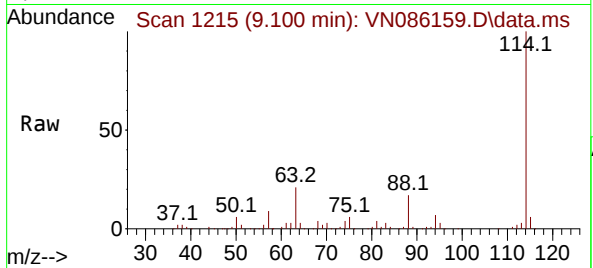




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086159.D
Acq: 28 Mar 2025 18:42

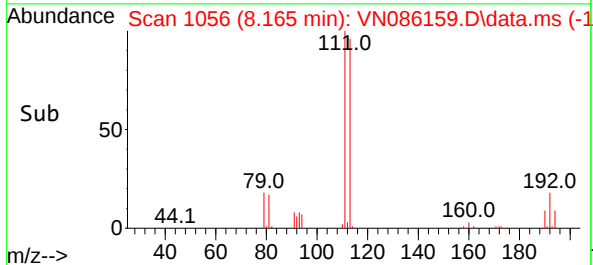
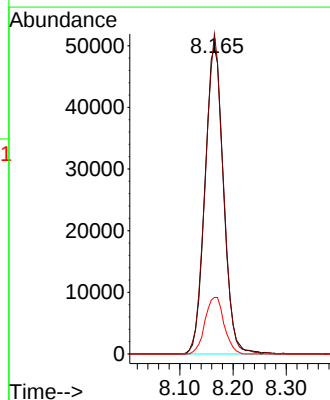
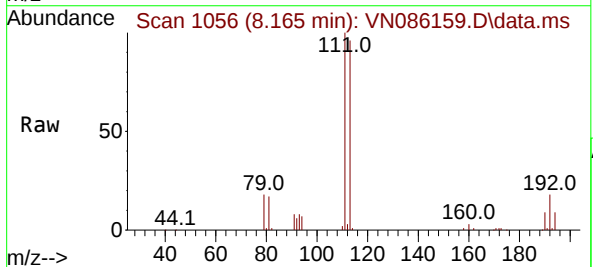
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-007-01

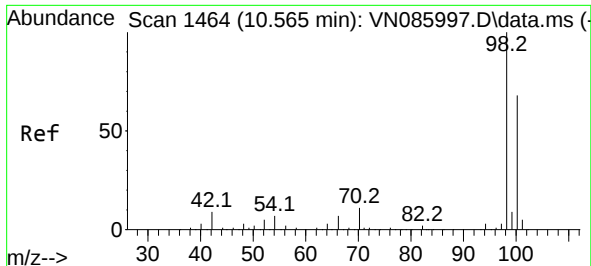
Tgt Ion:114 Resp: 321208
Ion Ratio Lower Upper
114 100
63 20.5 0.0 39.6
88 16.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 54.076 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086159.D
Acq: 28 Mar 2025 18:42

Tgt Ion:113 Resp: 121238
Ion Ratio Lower Upper
113 100
111 100.2 81.8 122.8
192 18.8 15.9 23.9

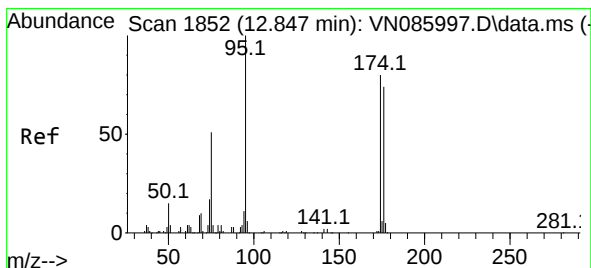
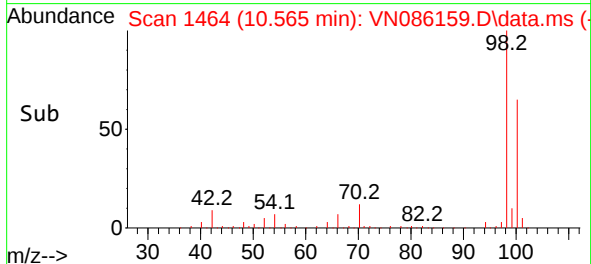
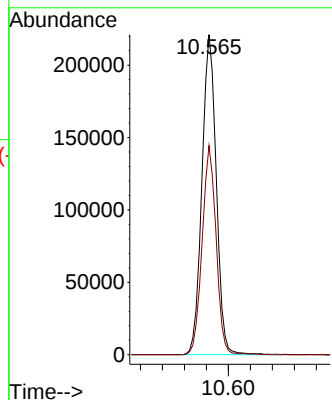
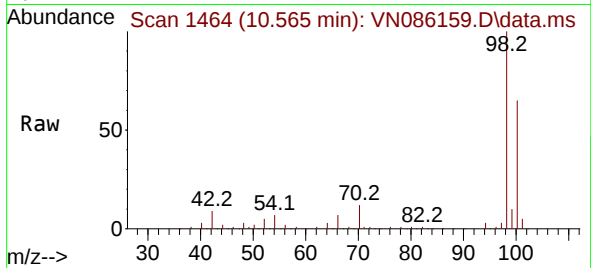




#50
Toluene-d8
Concen: 49.194 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086159.D
Acq: 28 Mar 2025 18:42

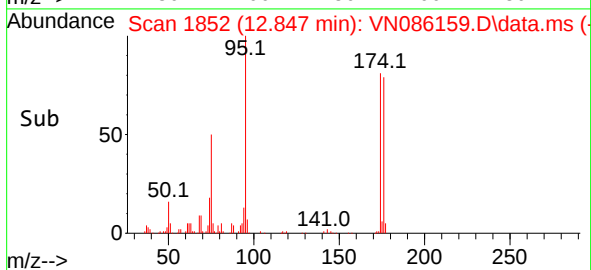
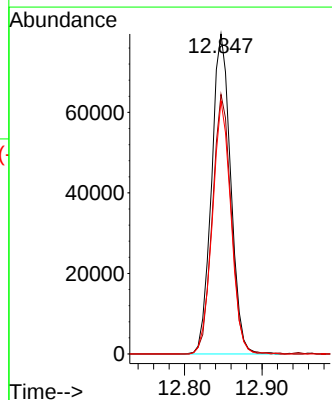
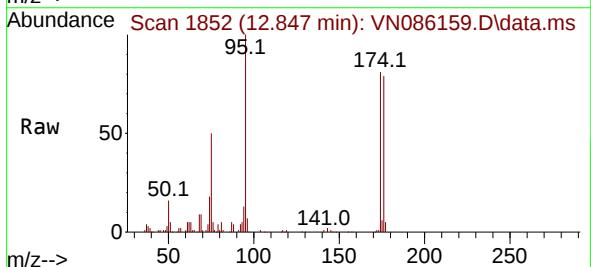
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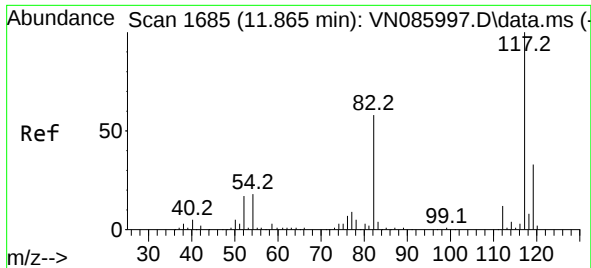
Tgt Ion: 98 Resp: 400286
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.974 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086159.D
Acq: 28 Mar 2025 18:42

Tgt Ion: 95 Resp: 136311
Ion Ratio Lower Upper
95 100
174 80.0 0.0 156.8
176 76.6 0.0 152.2

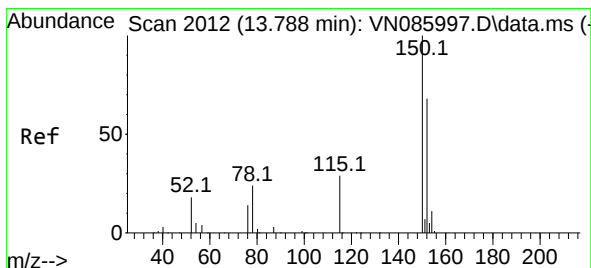
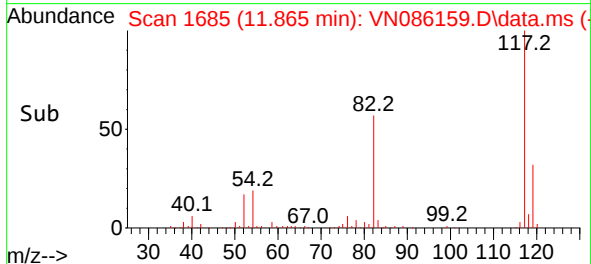
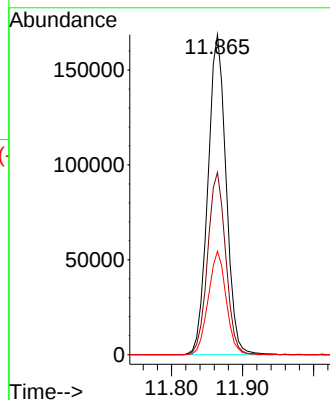
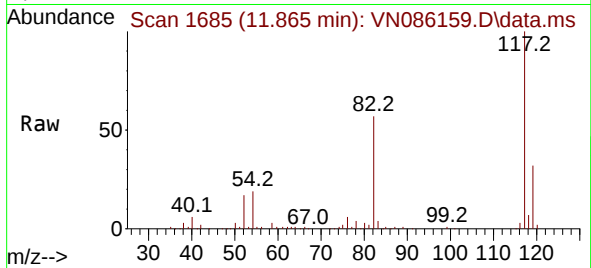




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086159.D
Acq: 28 Mar 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-007-01

Tgt Ion:117 Resp: 300008
Ion Ratio Lower Upper
117 100
82 57.0 46.7 70.1
119 32.3 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: VN086159.D
Acq: 28 Mar 2025 18:42

Tgt Ion:152 Resp: 130900
Ion Ratio Lower Upper
152 100
115 59.7 31.1 93.2
150 156.8 0.0 359.6

