

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032825\
 Data File : VN086153.D
 Acq On : 28 Mar 2025 16:18
 Operator : JC\MD
 Sample : Q1664-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-BBDGA-001-02

Quant Time: Mar 28 23:38:39 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)

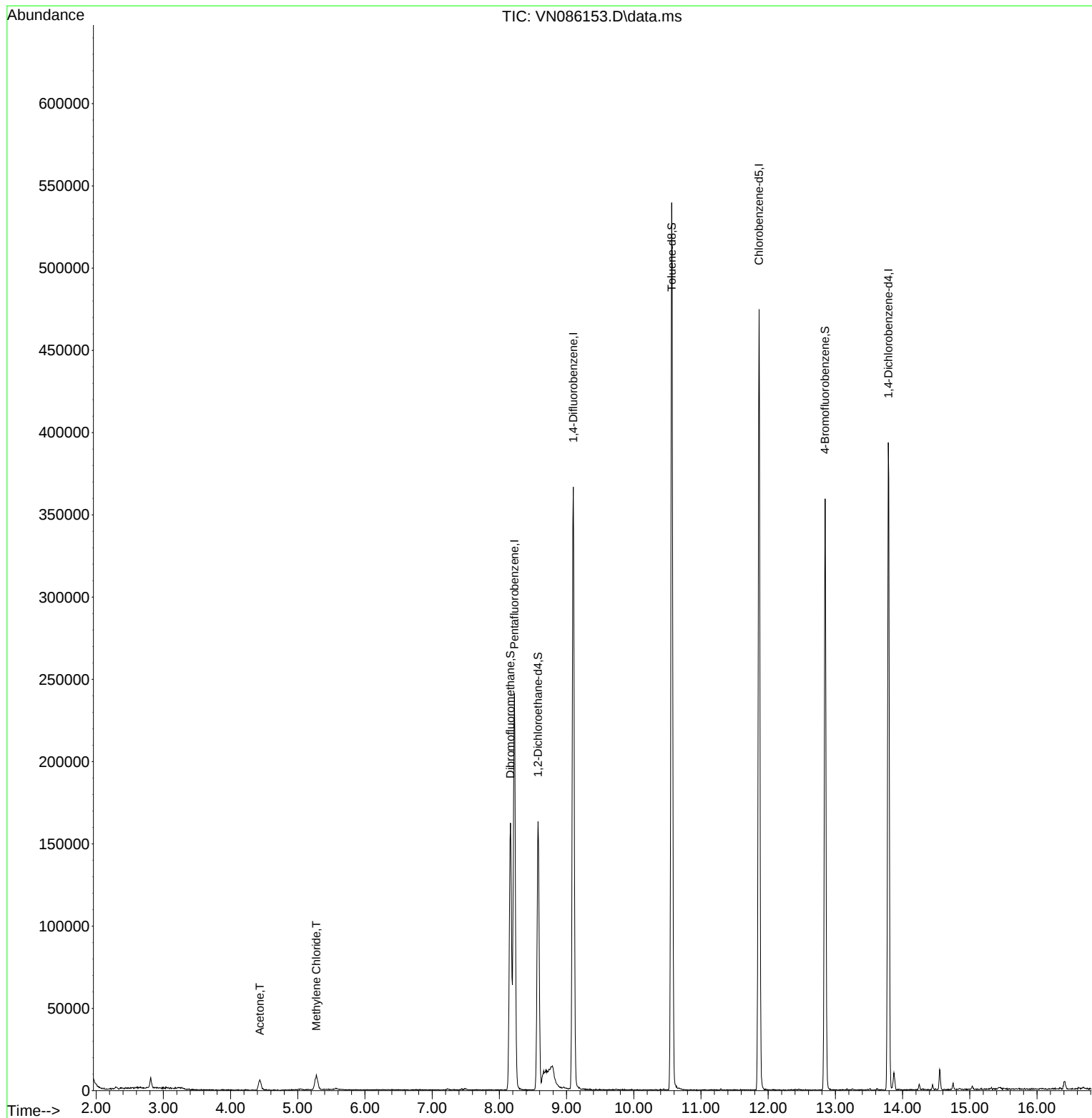
Internal Standards						
1) Pentafluorobenzene	8.224	168	169934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	326263	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	284406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	134445	57.777	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.560%			
35) Dibromofluoromethane	8.165	113	119183	52.336	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.680%			
50) Toluene-d8	10.565	98	390022	47.190	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.380%			
62) 4-Bromofluorobenzene	12.847	95	125537	42.591	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 85.180%			
Target Compounds					Qvalue	
16) Acetone	4.436	43	11528	16.216	ug/l #	83
20) Methylene Chloride	5.277	84	7856	3.777	ug/l	96

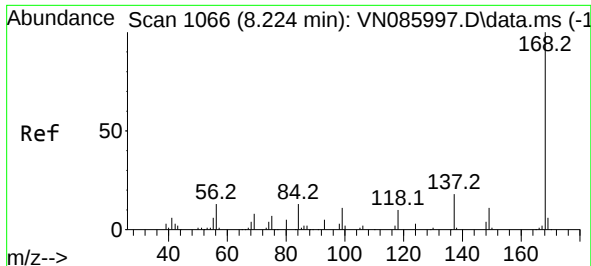
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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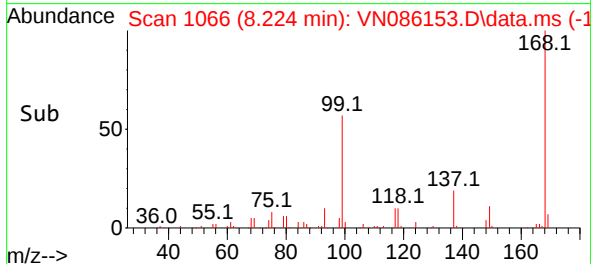
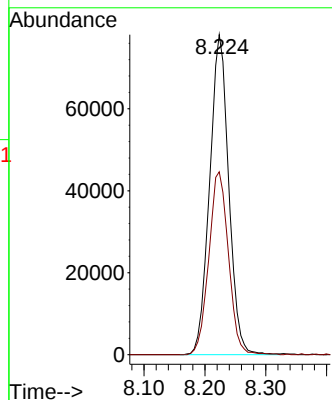
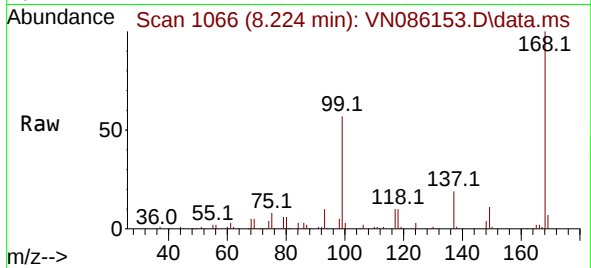




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086153.D
Acq: 28 Mar 2025 16:18

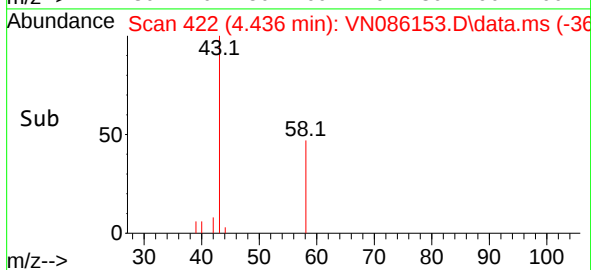
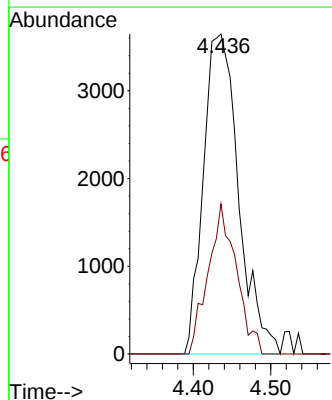
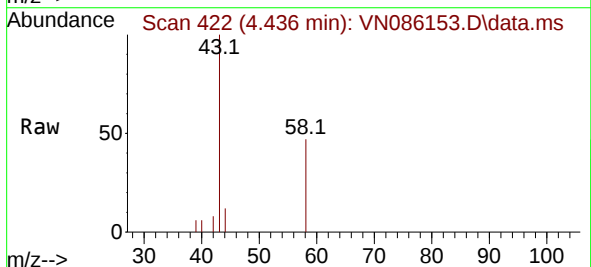
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-02

Tgt Ion:168 Resp: 169934
Ion Ratio Lower Upper
168 100
99 57.1 49.4 74.2



#16
Acetone
Concen: 16.216 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.011 min
Lab File: VN086153.D
Acq: 28 Mar 2025 16:18

Tgt Ion: 43 Resp: 11528
Ion Ratio Lower Upper
43 100
58 46.9 29.4 44.2#

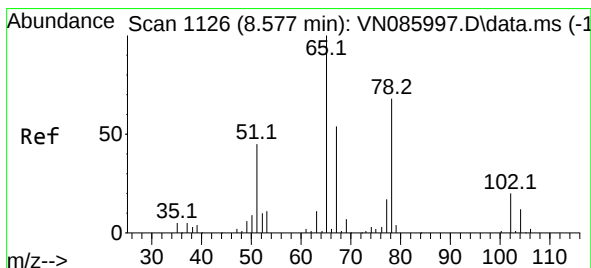
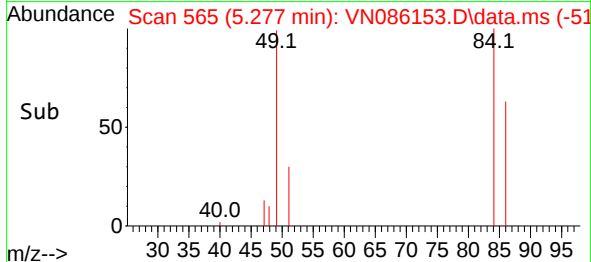
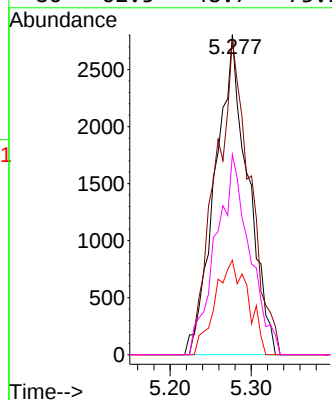
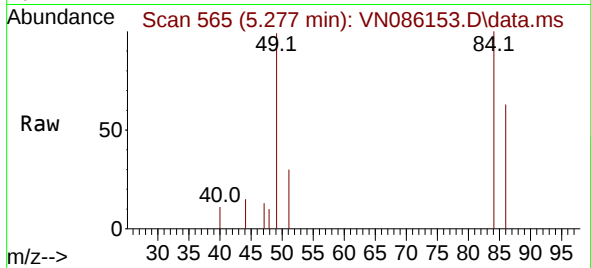




#20
Methylene Chloride
Concen: 3.777 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086153.D
Acq: 28 Mar 2025 16:18

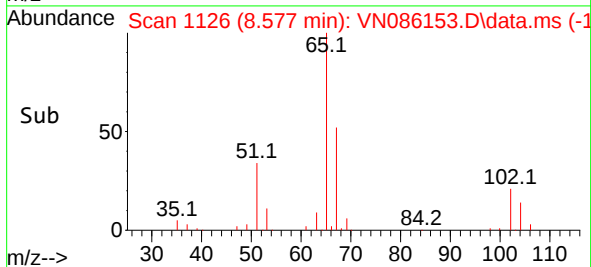
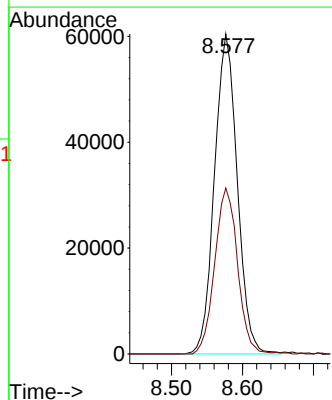
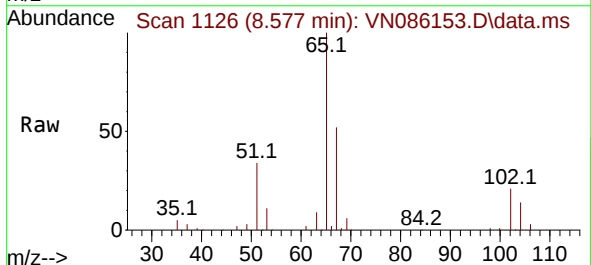
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-02

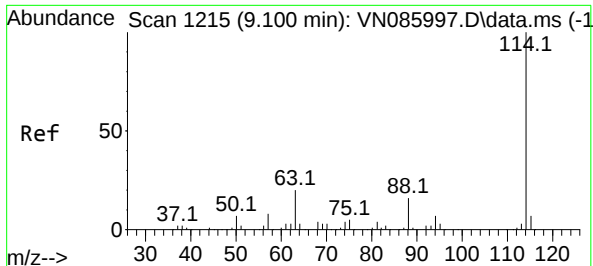
Tgt Ion: 84	Resp: 7856
Ion Ratio	Lower Upper
84 100	
49 98.6	83.3 124.9
51 29.5	24.8 37.2
86 62.5	48.7 73.1



#33
1,2-Dichloroethane-d4
Concen: 57.777 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086153.D
Acq: 28 Mar 2025 16:18

Tgt Ion: 65	Resp: 134445
Ion Ratio	Lower Upper
65 100	
67 52.1	0.0 102.2

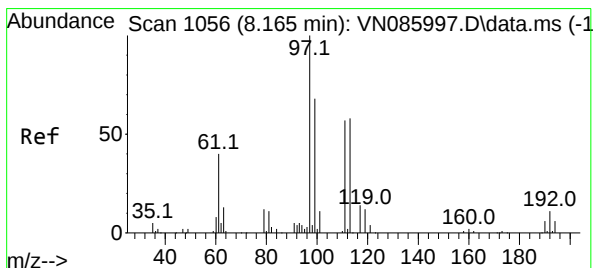
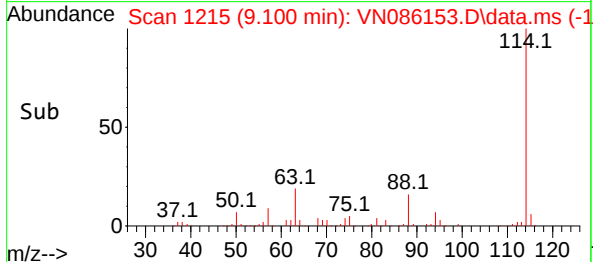
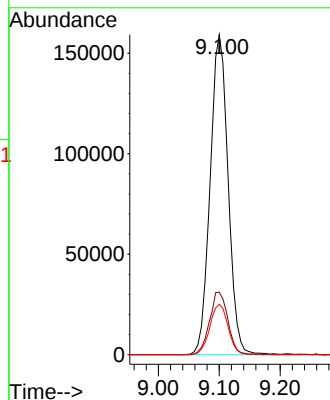
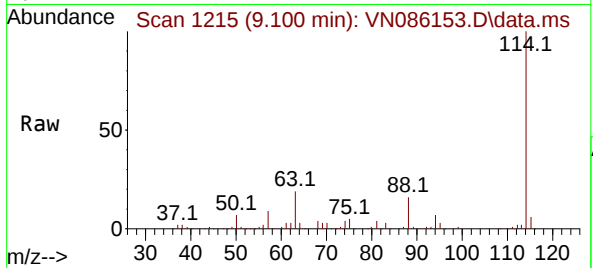




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086153.D
Acq: 28 Mar 2025 16:18

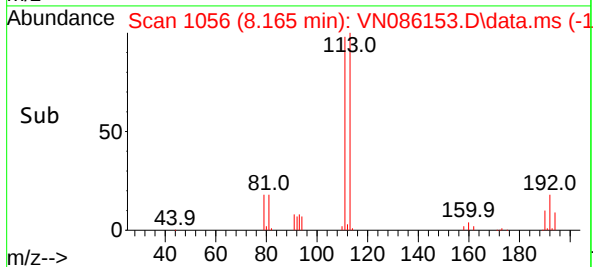
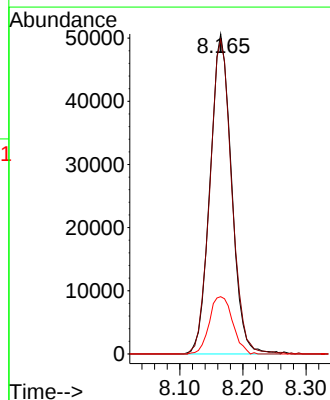
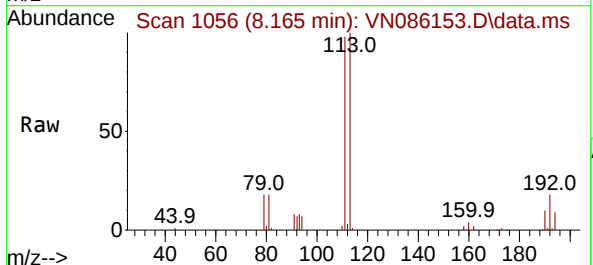
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-02

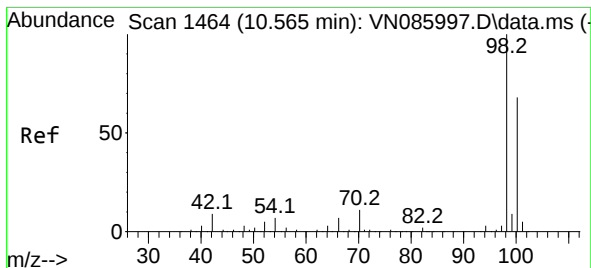
Tgt Ion:114 Resp: 326263
Ion Ratio Lower Upper
114 100
63 19.5 0.0 39.6
88 15.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 52.336 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086153.D
Acq: 28 Mar 2025 16:18

Tgt Ion:113 Resp: 119183
Ion Ratio Lower Upper
113 100
111 100.0 81.8 122.8
192 19.4 15.9 23.9

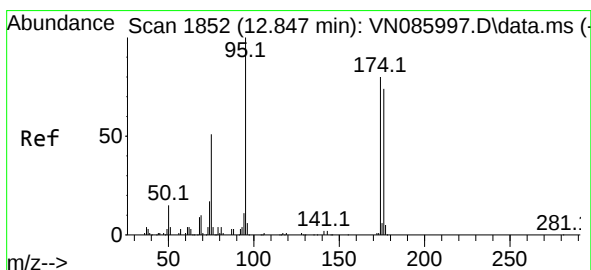
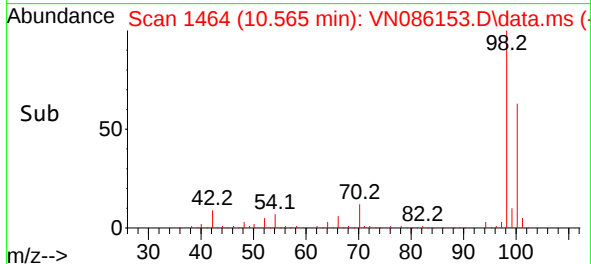
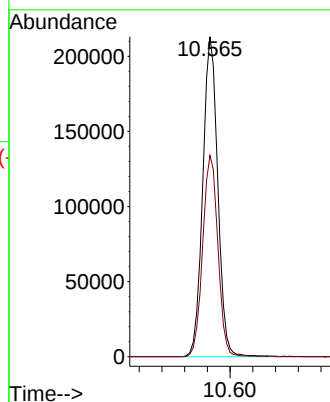
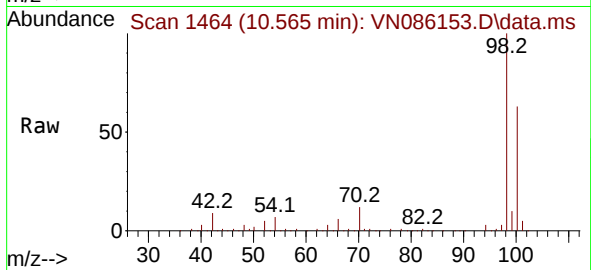




#50
Toluene-d8
Concen: 47.190 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086153.D
Acq: 28 Mar 2025 16:18

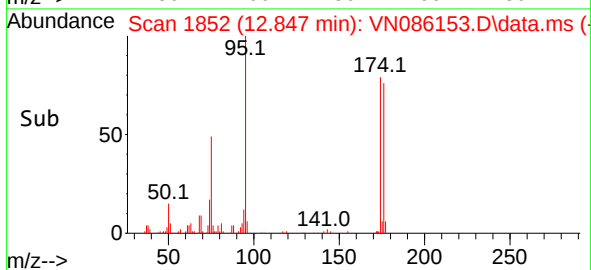
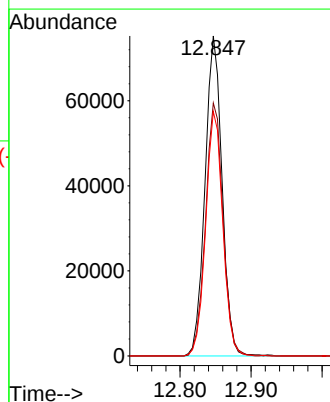
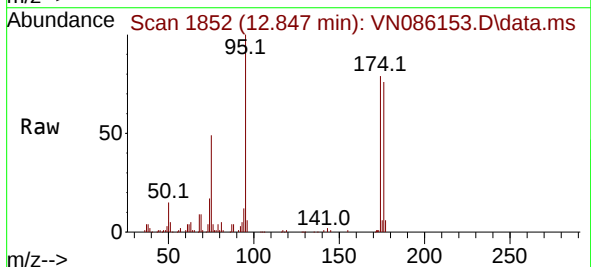
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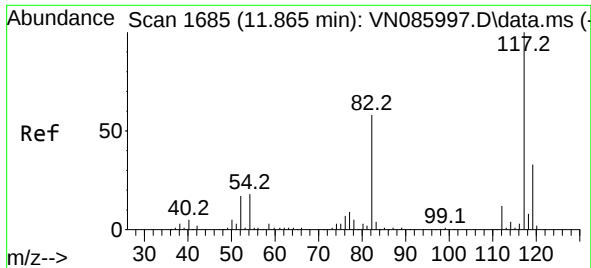
Tgt Ion: 98 Resp: 390022
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 42.591 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086153.D
Acq: 28 Mar 2025 16:18

Tgt Ion: 95 Resp: 125537
Ion Ratio Lower Upper
95 100
174 81.6 0.0 156.8
176 76.6 0.0 152.2

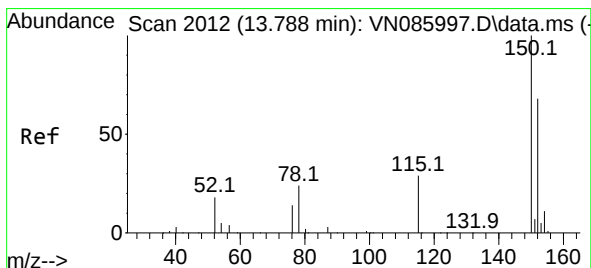
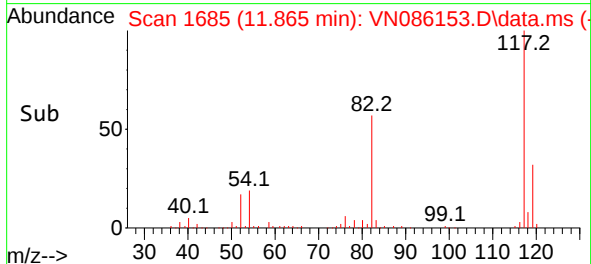
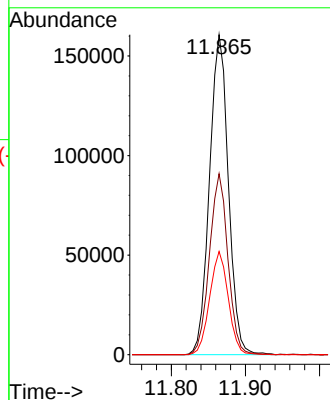
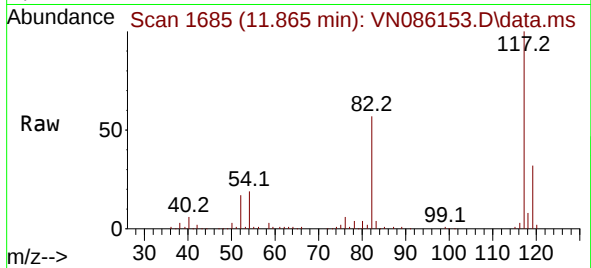




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086153.D
Acq: 28 Mar 2025 16:18

Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-02

Tgt Ion:117 Resp: 284406
Ion Ratio Lower Upper
117 100
82 56.5 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: VN086153.D
Acq: 28 Mar 2025 16:18

Tgt Ion:152 Resp: 114450
Ion Ratio Lower Upper
152 100
115 60.4 31.1 93.2
150 158.4 0.0 359.6

