

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032825\
 Data File : VN086160.D
 Acq On : 28 Mar 2025 19:06
 Operator : JC\MD
 Sample : Q1664-22
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-BBDGA-008-01

Quant Time: Mar 28 23:40:01 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)

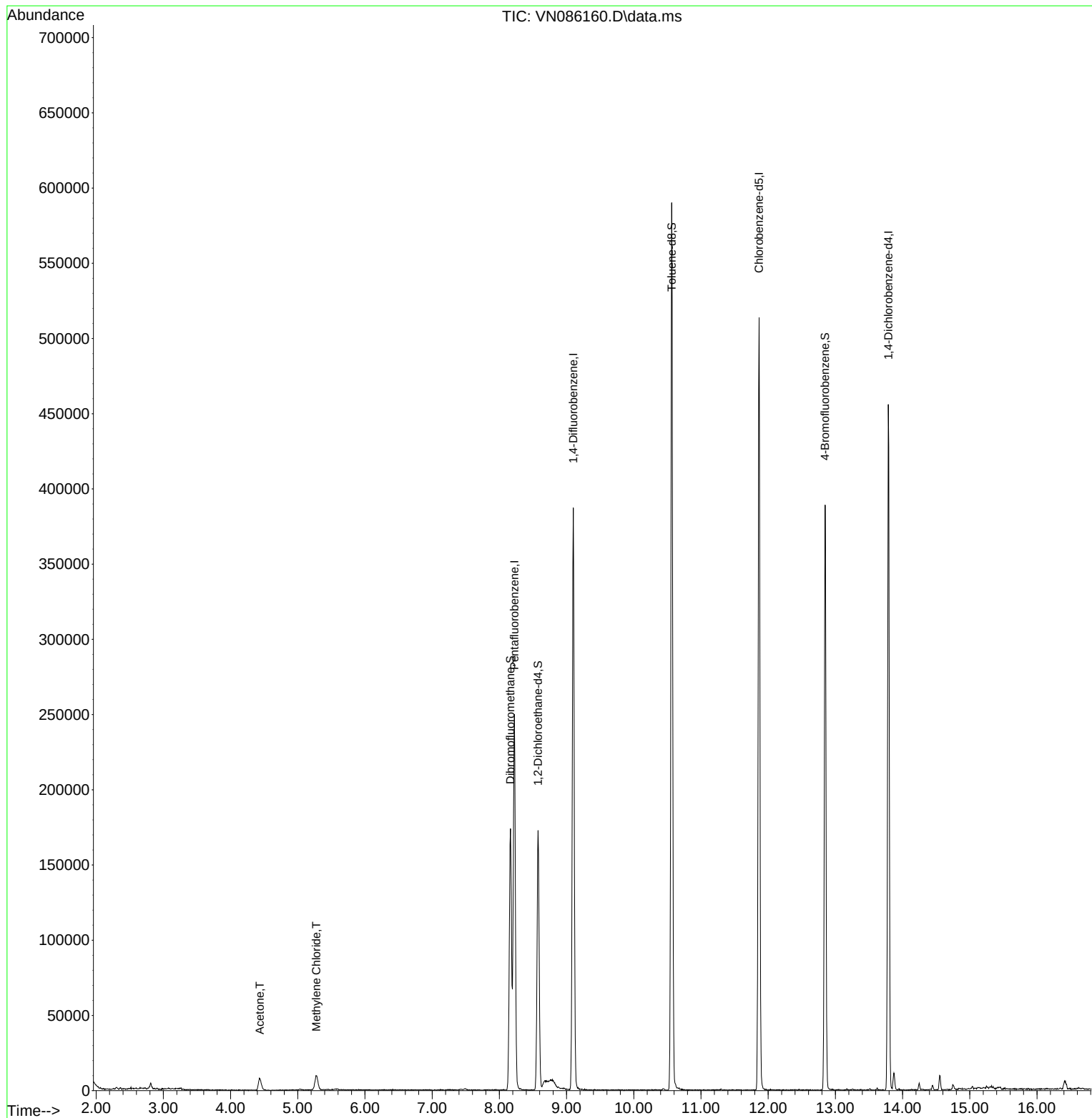
Internal Standards						
1) Pentafluorobenzene	8.224	168	175839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	331090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	306006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	130901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	141352	58.705	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.420%
35) Dibromofluoromethane	8.165	113	125927	54.491	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.980%
50) Toluene-d8	10.565	98	415225	49.507	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.020%
62) 4-Bromofluorobenzene	12.847	95	136927	45.778	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.560%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	15463	21.020	ug/l	98
20) Methylene Chloride	5.277	84	8294	3.854	ug/l	89

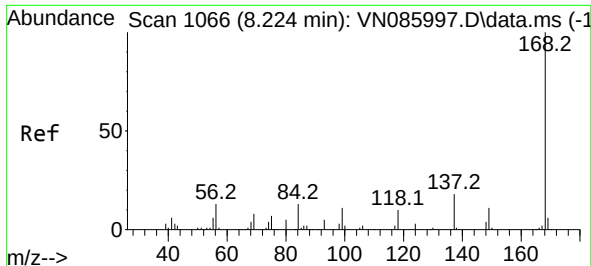
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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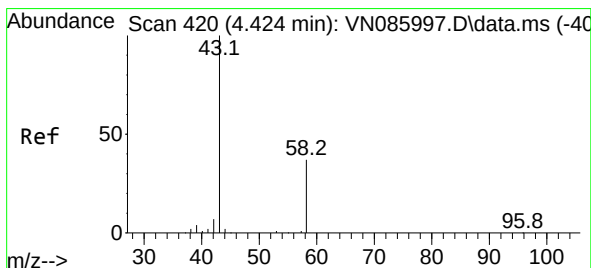
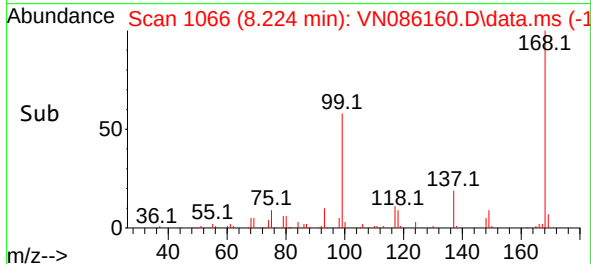
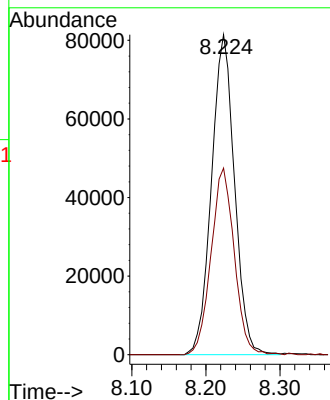
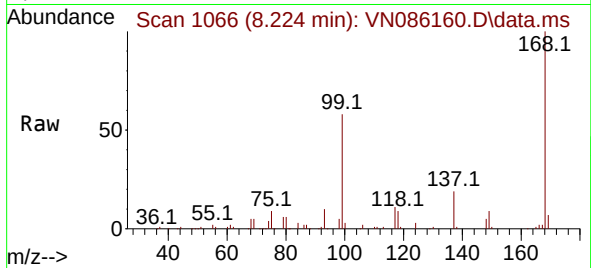




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086160.D
Acq: 28 Mar 2025 19:06

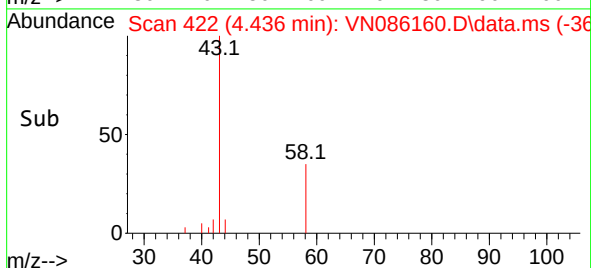
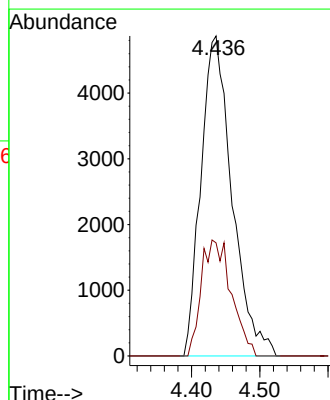
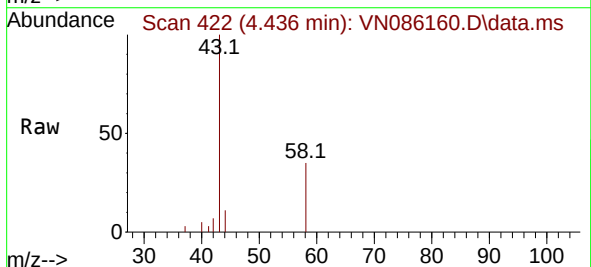
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-008-01

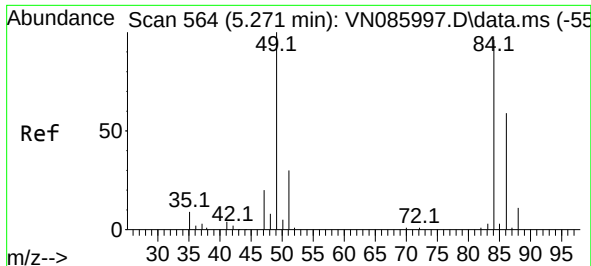
Tgt Ion:168 Resp: 175839
Ion Ratio Lower Upper
168 100
99 58.3 49.4 74.2



#16
Acetone
Concen: 21.020 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086160.D
Acq: 28 Mar 2025 19:06

Tgt Ion: 43 Resp: 15463
Ion Ratio Lower Upper
43 100
58 35.4 29.4 44.2

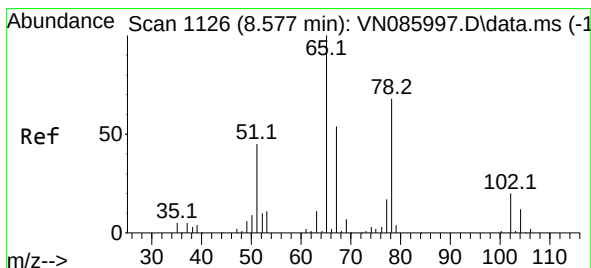
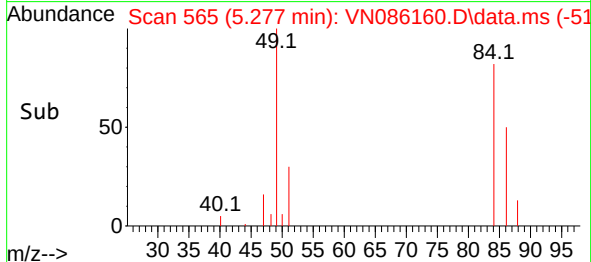
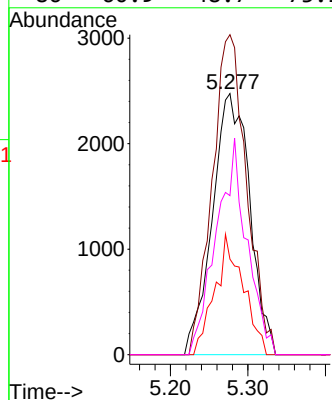
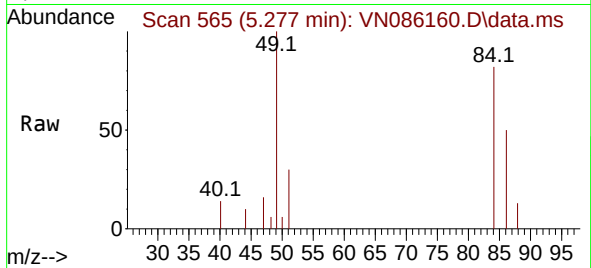




#20
Methylene Chloride
Concen: 3.854 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086160.D
Acq: 28 Mar 2025 19:06

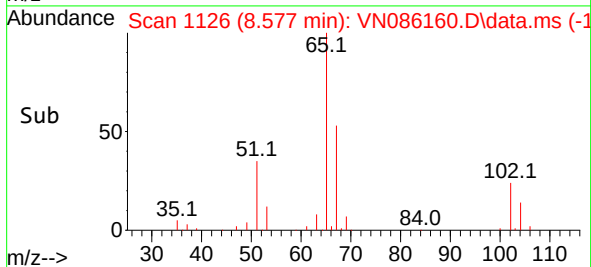
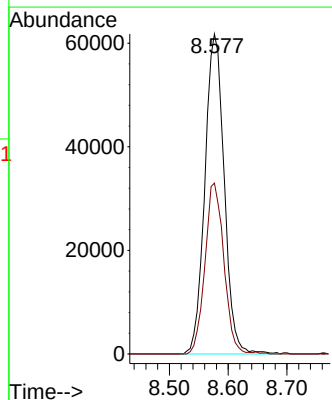
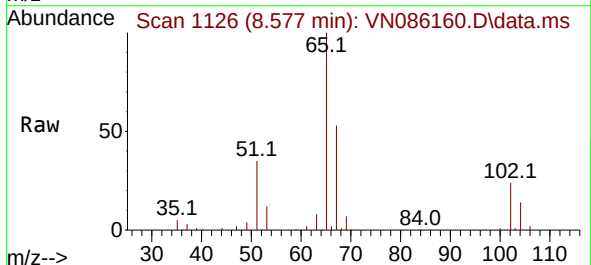
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-008-01

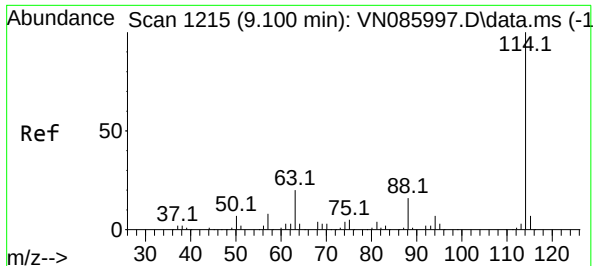
Tgt Ion: 84	Resp: 8294
Ion Ratio	Lower Upper
84 100	
49 122.5	83.3 124.9
51 36.6	24.8 37.2
86 60.9	48.7 73.1



#33
1,2-Dichloroethane-d4
Concen: 58.705 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086160.D
Acq: 28 Mar 2025 19:06

Tgt Ion: 65	Resp: 141352
Ion Ratio	Lower Upper
65 100	
67 52.3	0.0 102.2

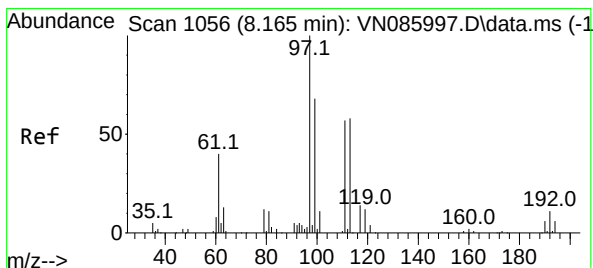
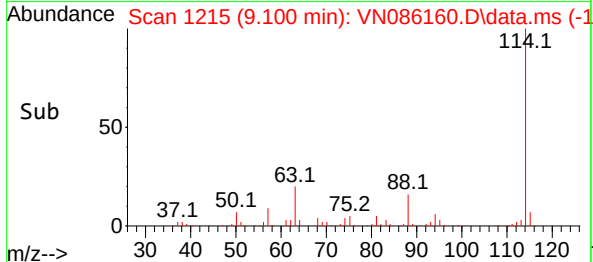
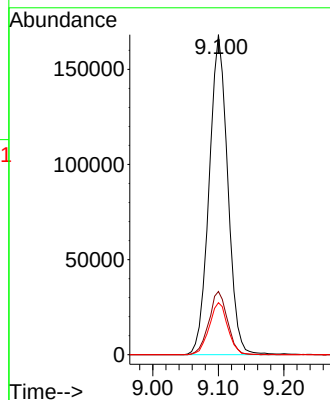
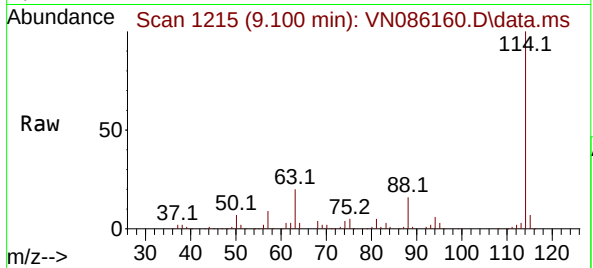




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086160.D
Acq: 28 Mar 2025 19:06

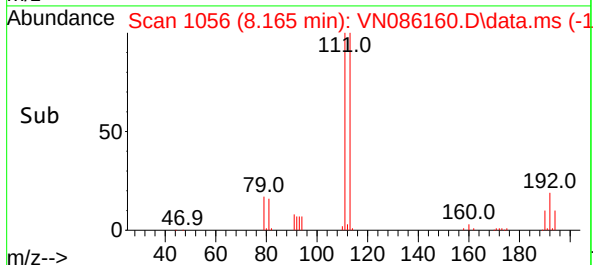
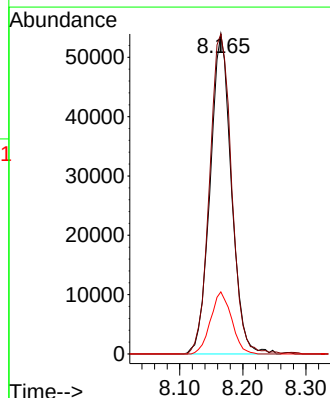
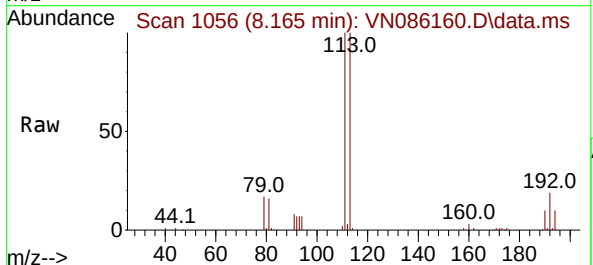
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-008-01

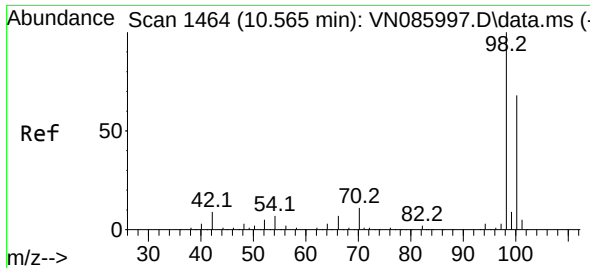
Tgt Ion:114 Resp: 331090
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.6
88 16.2 0.0 32.6



#35
Dibromofluoromethane
Concen: 54.491 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086160.D
Acq: 28 Mar 2025 19:06

Tgt Ion:113 Resp: 125927
Ion Ratio Lower Upper
113 100
111 103.7 81.8 122.8
192 19.1 15.9 23.9

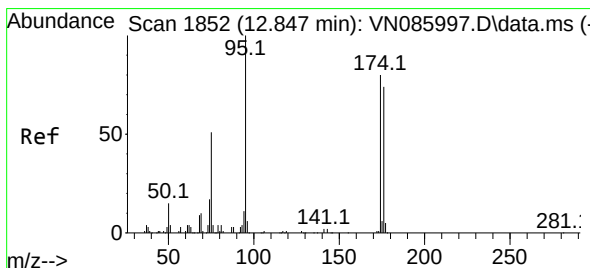
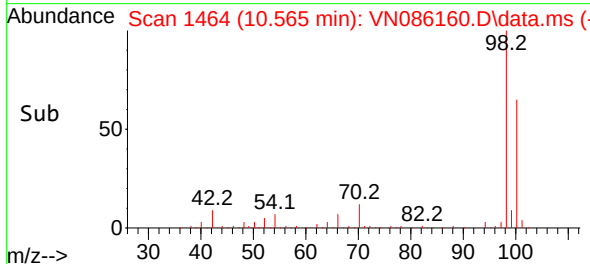
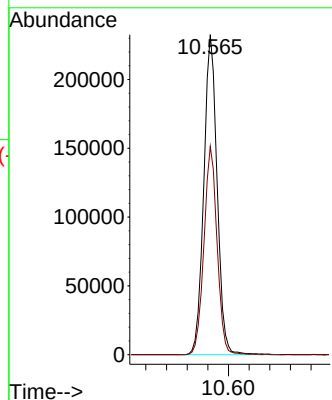
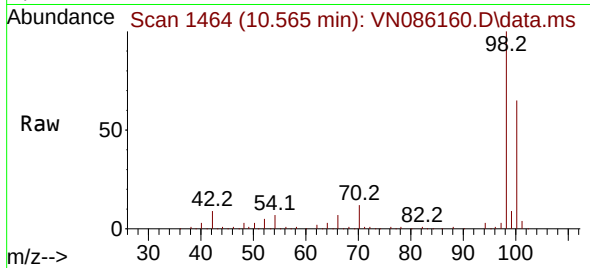




#50
Toluene-d8
Concen: 49.507 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086160.D
Acq: 28 Mar 2025 19:06

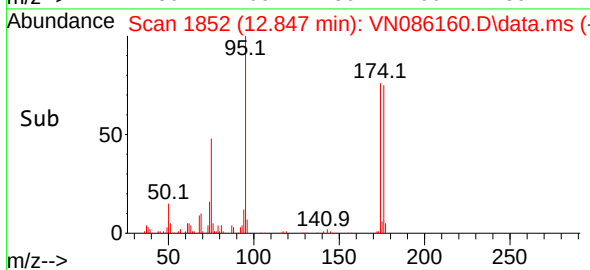
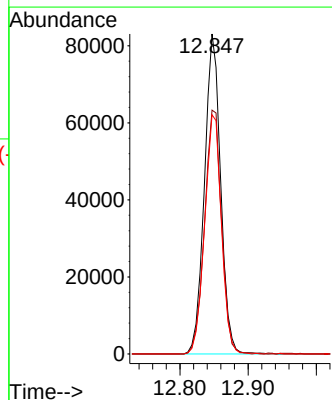
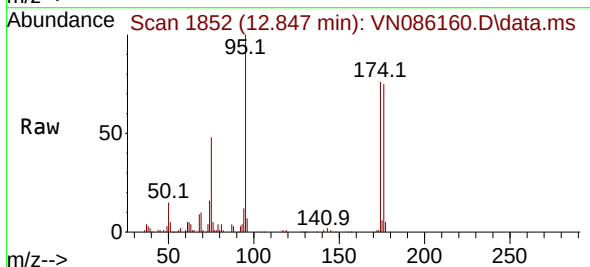
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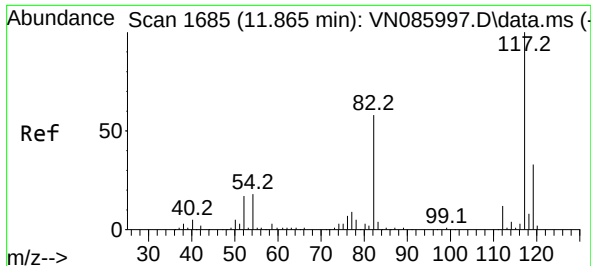
Tgt Ion: 98 Resp: 415225
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.778 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086160.D
Acq: 28 Mar 2025 19:06

Tgt Ion: 95 Resp: 136927
Ion Ratio Lower Upper
95 100
174 80.1 0.0 156.8
176 77.3 0.0 152.2

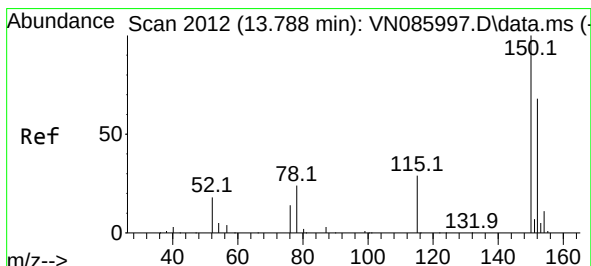
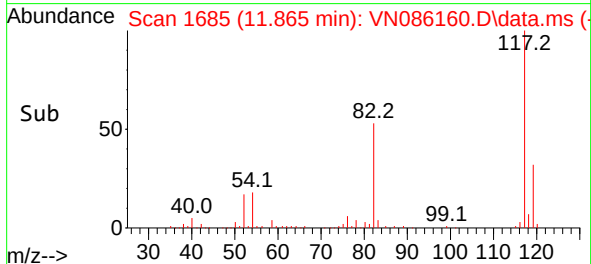
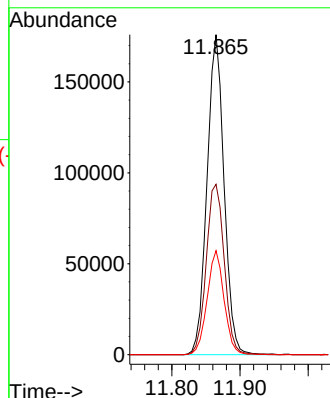
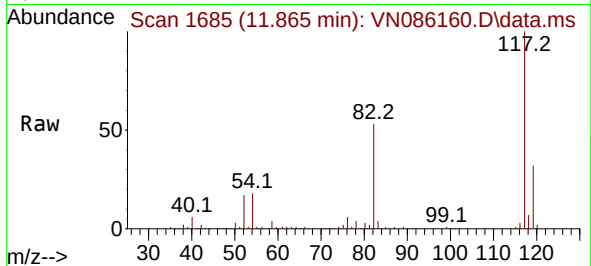




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086160.D
Acq: 28 Mar 2025 19:06

Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-008-01

Tgt Ion:	117	Resp:	306006
Ion	Ratio	Lower	Upper
117	100		
82	53.3	46.7	70.1
119	32.5	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: VN086160.D
Acq: 28 Mar 2025 19:06

Tgt Ion:	152	Resp:	130901
Ion	Ratio	Lower	Upper
152	100		
115	60.2	31.1	93.2
150	157.0	0.0	359.6

