

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032825\
 Data File : VN086158.D
 Acq On : 28 Mar 2025 18:18
 Operator : JC\MD
 Sample : Q1664-18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-BBDGA-006-01

Quant Time: Mar 28 23:39:37 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)

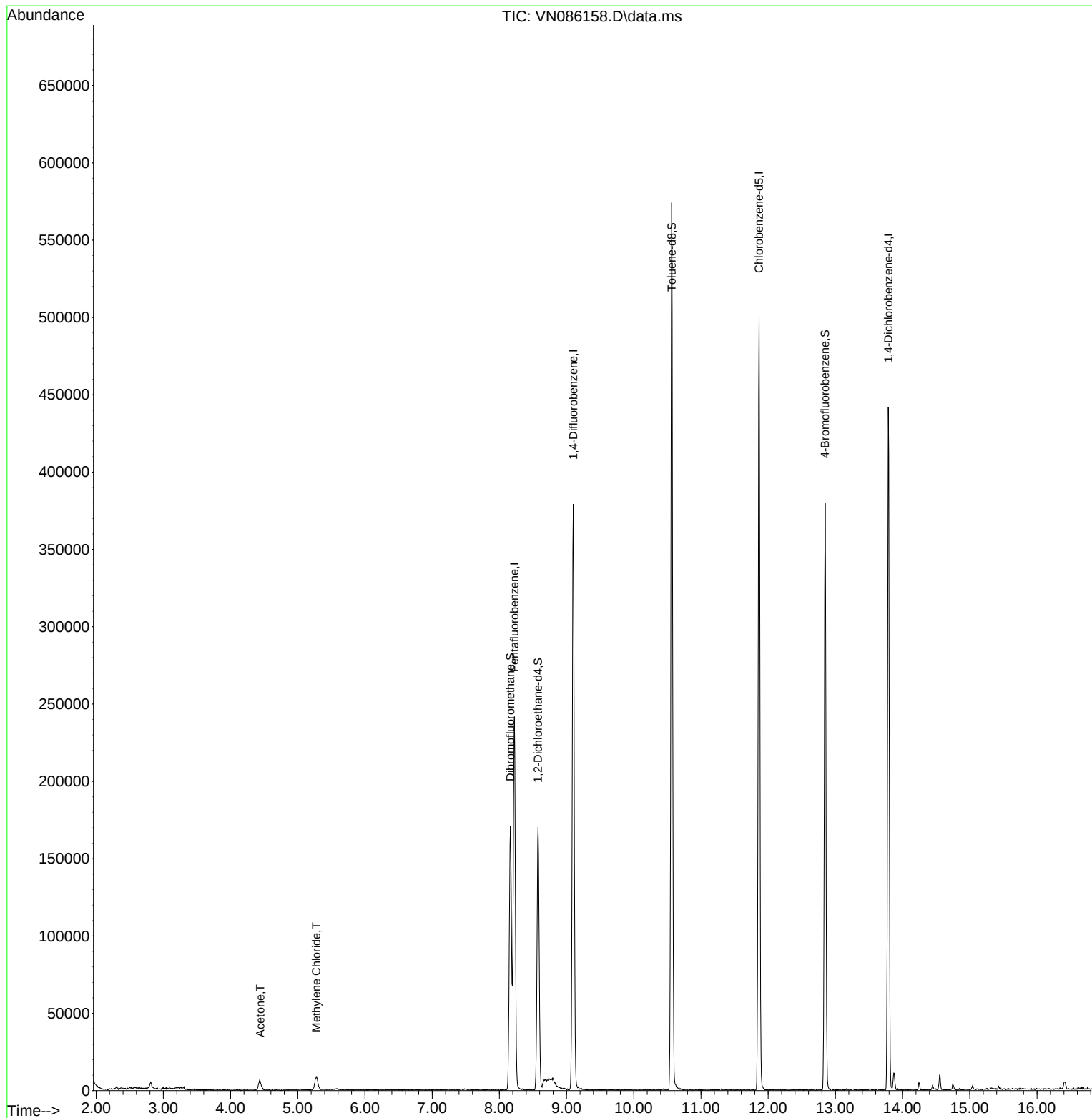
Internal Standards						
1) Pentafluorobenzene	8.224	168	171958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	329552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	299256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	138990	59.027	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	118.060%
35) Dibromofluoromethane	8.165	113	121631	52.878	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.760%
50) Toluene-d8	10.565	98	401580	48.104	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.200%
62) 4-Bromofluorobenzene	12.847	95	134138	45.055	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.100%
Target Compounds						
						Qvalue
16) Acetone	4.442	43	11163	15.518	ug/l	93
20) Methylene Chloride	5.277	84	7291	3.464	ug/l	98

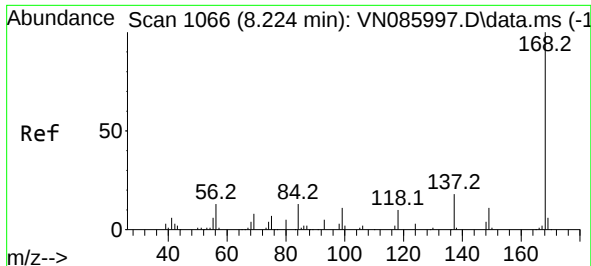
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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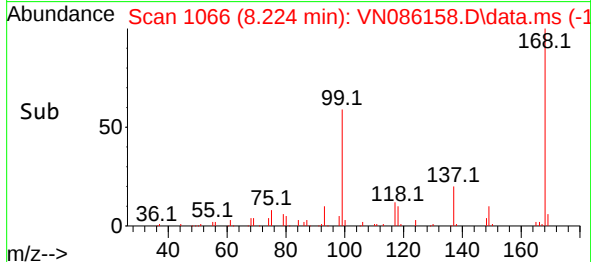
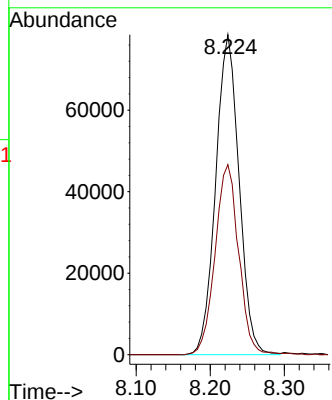
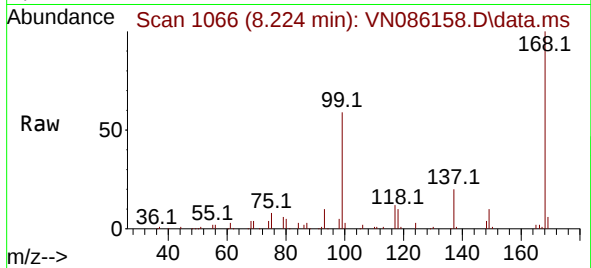




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086158.D
Acq: 28 Mar 2025 18:18

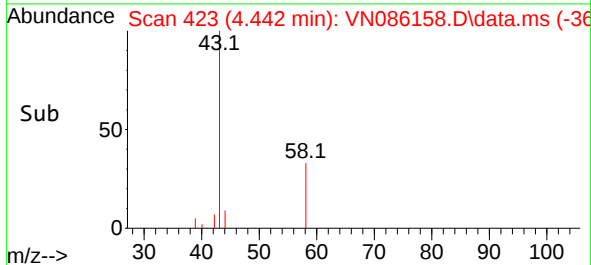
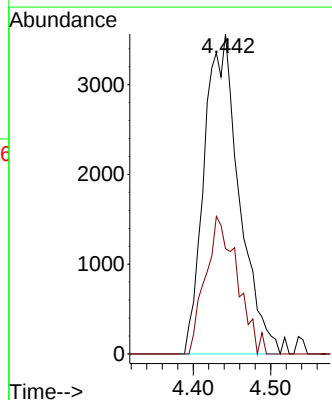
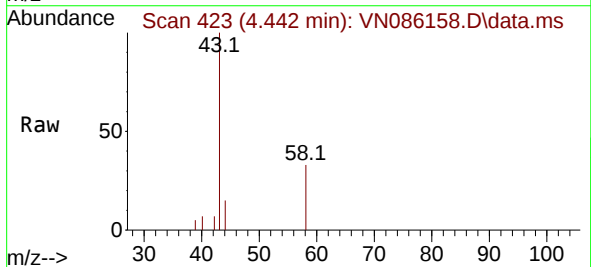
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-006-01

Tgt Ion:168 Resp: 171958
Ion Ratio Lower Upper
168 100
99 59.4 49.4 74.2



#16
Acetone
Concen: 15.518 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN086158.D
Acq: 28 Mar 2025 18:18

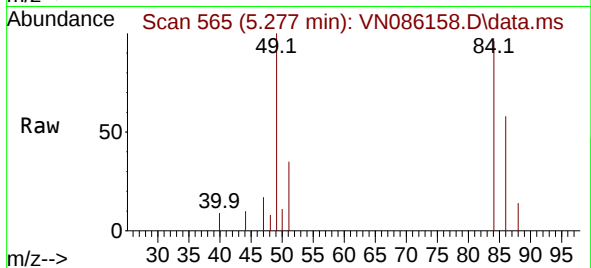
Tgt Ion: 43 Resp: 11163
Ion Ratio Lower Upper
43 100
58 32.9 29.4 44.2



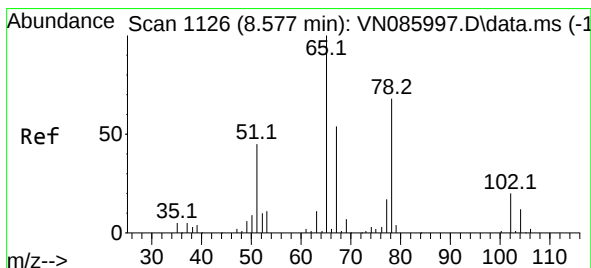
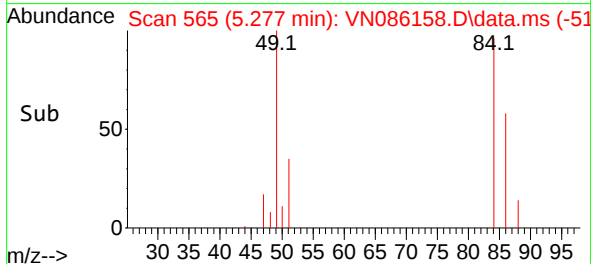
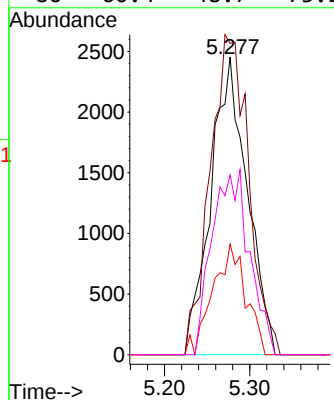


#20
Methylene Chloride
Concen: 3.464 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086158.D
Acq: 28 Mar 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-006-01

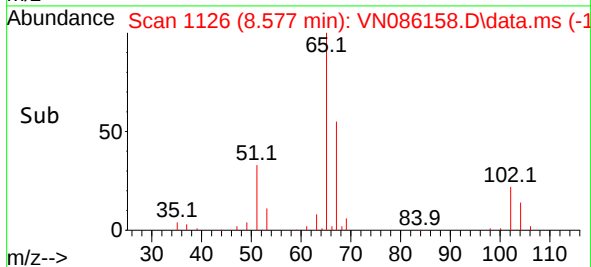
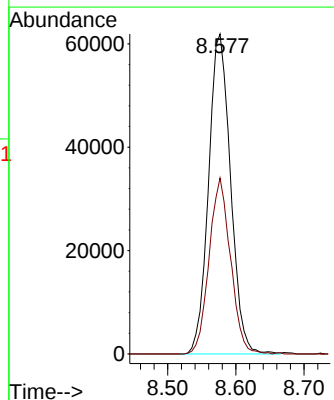
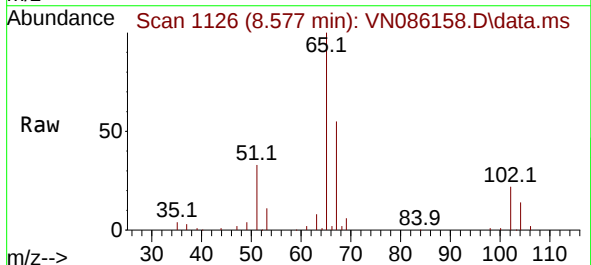


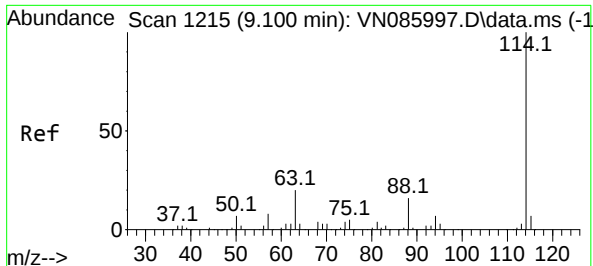
Tgt Ion:	84	Resp:	7291
Ion	Ratio	Lower	Upper
84	100		
49	104.6	83.3	124.9
51	37.1	24.8	37.2
86	60.4	48.7	73.1



#33
1,2-Dichloroethane-d4
Concen: 59.027 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086158.D
Acq: 28 Mar 2025 18:18

Tgt Ion:	65	Resp:	138990
Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	102.2

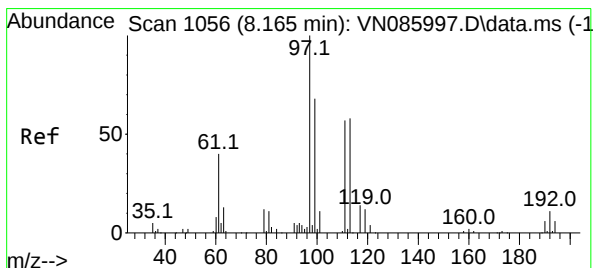
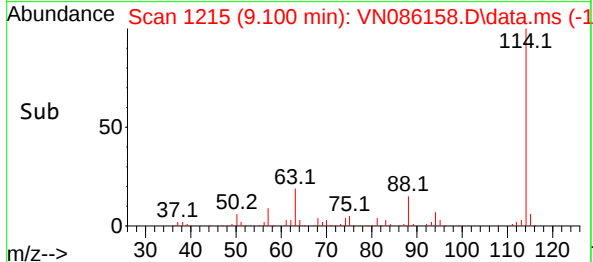
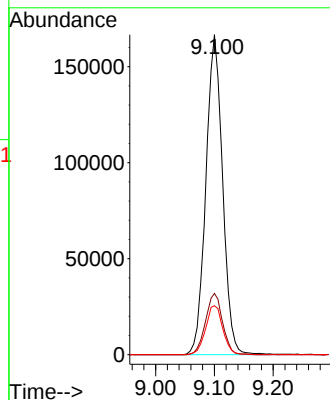
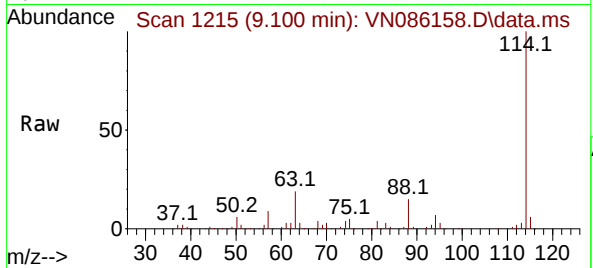




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086158.D
Acq: 28 Mar 2025 18:18

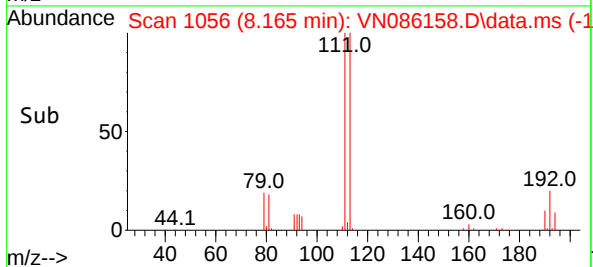
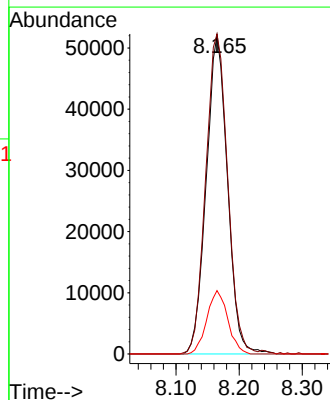
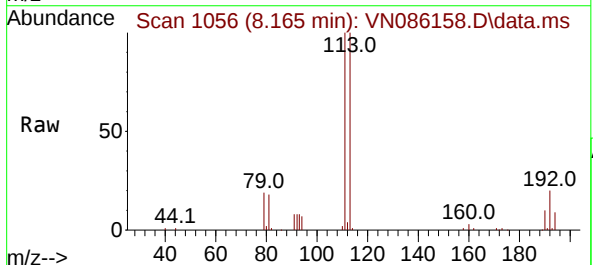
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-006-01

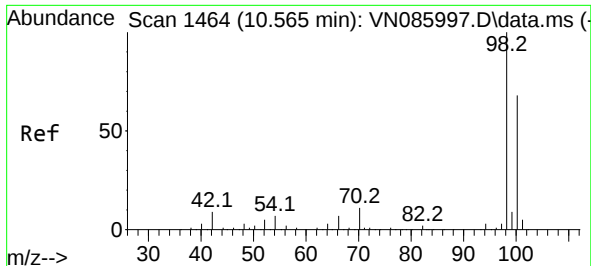
Tgt Ion:114 Resp: 329552
Ion Ratio Lower Upper
114 100
63 19.1 0.0 39.6
88 15.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 52.878 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086158.D
Acq: 28 Mar 2025 18:18

Tgt Ion:113 Resp: 121631
Ion Ratio Lower Upper
113 100
111 103.5 81.8 122.8
192 19.6 15.9 23.9

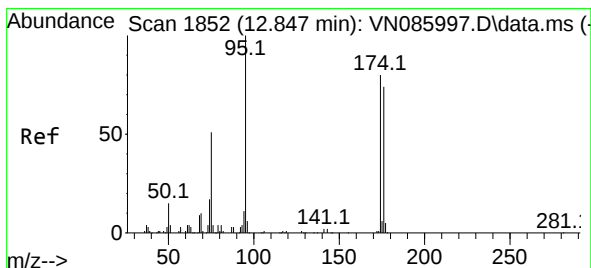
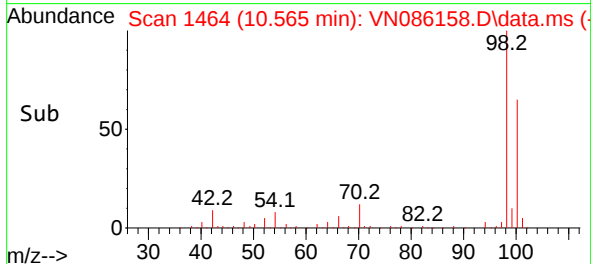
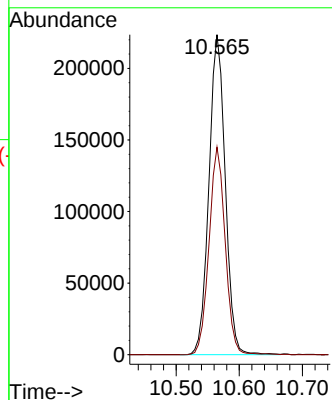
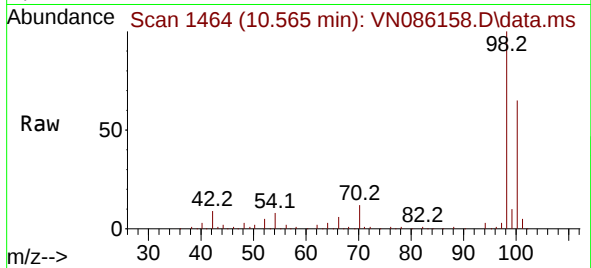




#50
Toluene-d8
Concen: 48.104 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086158.D
Acq: 28 Mar 2025 18:18

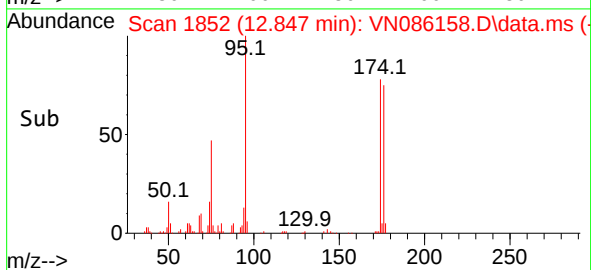
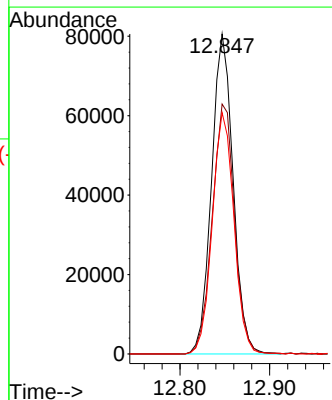
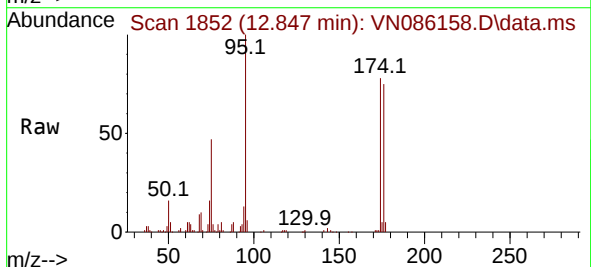
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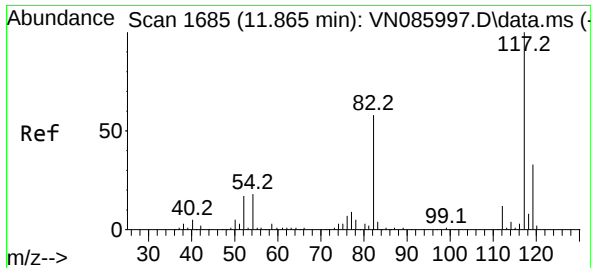
Tgt Ion: 98 Resp: 401580
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.055 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086158.D
Acq: 28 Mar 2025 18:18

Tgt Ion: 95 Resp: 134138
Ion Ratio Lower Upper
95 100
174 81.2 0.0 156.8
176 76.1 0.0 152.2

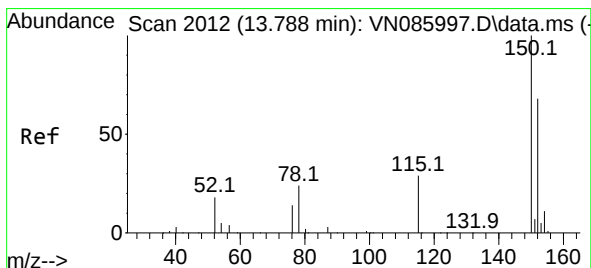
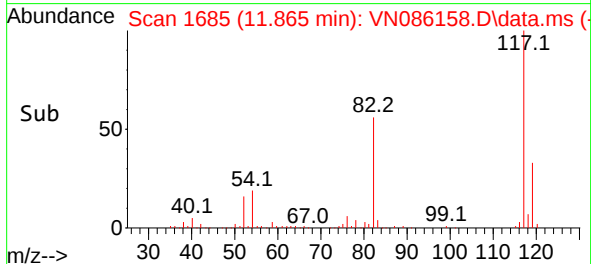
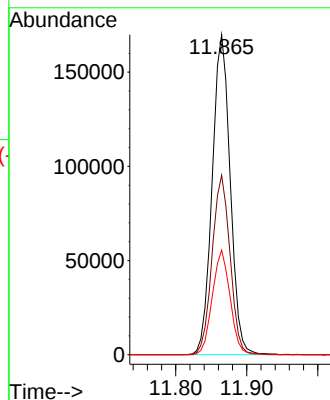
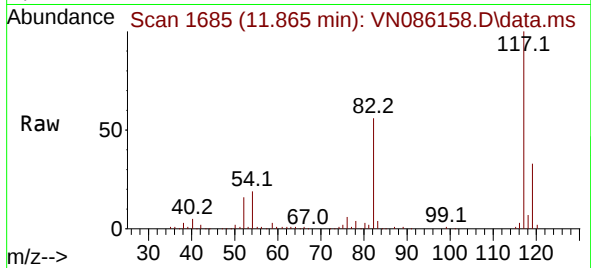




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086158.D
Acq: 28 Mar 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-006-01

Tgt Ion:117 Resp: 299256
Ion Ratio Lower Upper
117 100
82 56.1 46.7 70.1
119 32.7 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: VN086158.D
Acq: 28 Mar 2025 18:18

Tgt Ion:152 Resp: 126533
Ion Ratio Lower Upper
152 100
115 61.4 31.1 93.2
150 158.9 0.0 359.6

