

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033125\
 Data File : VN086186.D
 Acq On : 31 Mar 2025 21:52
 Operator : JC\MD
 Sample : Q1679-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-10

Quant Time: Apr 01 01:41:22 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)

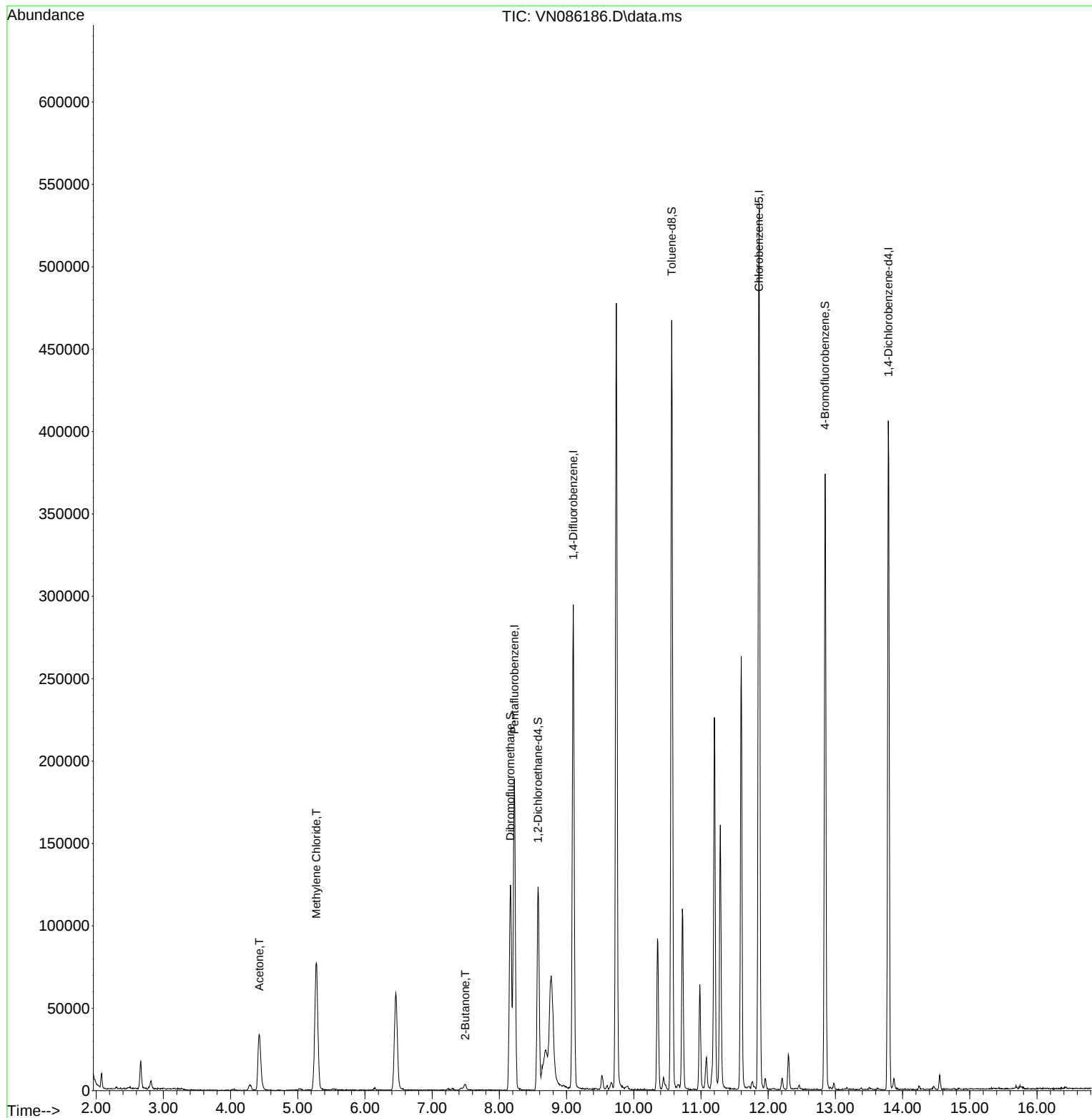
Internal Standards						
1) Pentafluorobenzene	8.224	168	133520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	248623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	319487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	118537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	104105	56.940	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 113.880%		
35) Dibromofluoromethane	8.165	113	89699	51.689	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.380%		
50) Toluene-d8	10.565	98	328690	52.188	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 104.380%		
62) 4-Bromofluorobenzene	12.847	95	130221	57.976	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 115.960%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	64442	115.368	ug/l	98
20) Methylene Chloride	5.277	84	65421	40.036	ug/l	96
25) 2-Butanone	7.494	43	6691	8.302	ug/l	91

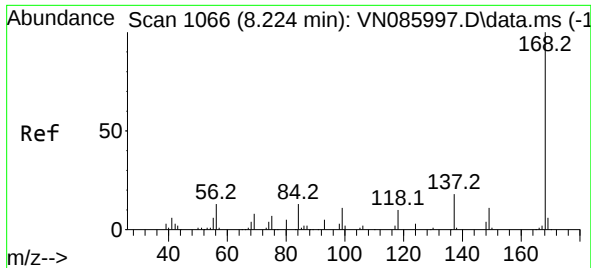
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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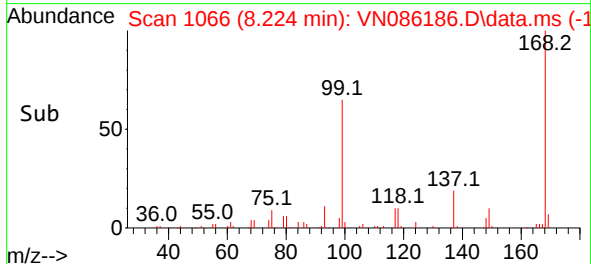
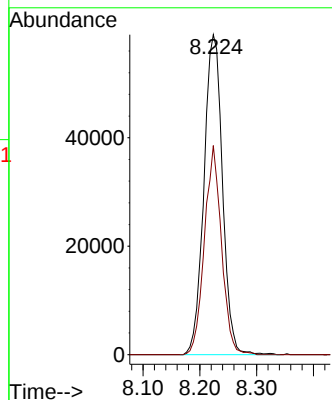
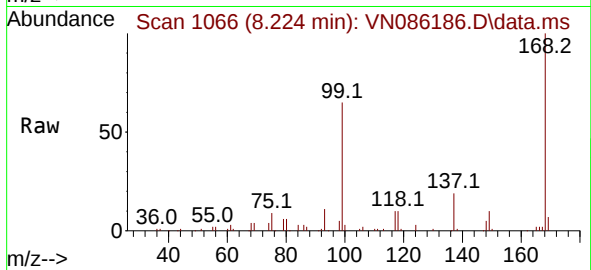




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086186.D
Acq: 31 Mar 2025 21:52

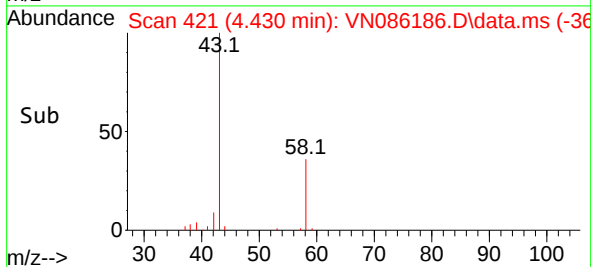
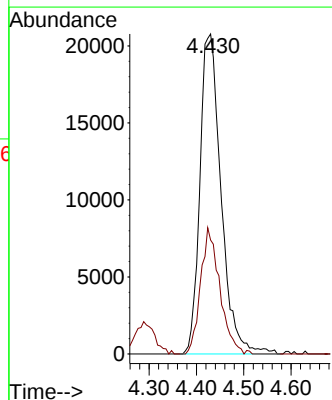
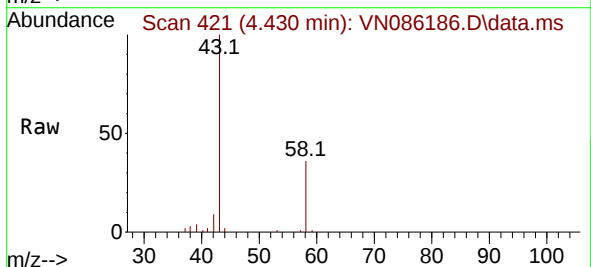
Instrument :
MSVOA_N
ClientSampleId :
TP-10

Tgt Ion:168 Resp: 133520
Ion Ratio Lower Upper
168 100
99 65.3 49.4 74.2



#16
Acetone
Concen: 115.368 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086186.D
Acq: 31 Mar 2025 21:52

Tgt Ion: 43 Resp: 64442
Ion Ratio Lower Upper
43 100
58 35.6 29.4 44.2





#20

Methylene Chloride

Concen: 40.036 ug/l

RT: 5.277 min Scan# 5

Delta R.T. 0.006 min

Lab File: VN086186.D

Acq: 31 Mar 2025 21:52

Instrument :

MSVOA_N

ClientSampleId :

TP-10

Tgt Ion: 84 Resp: 65421

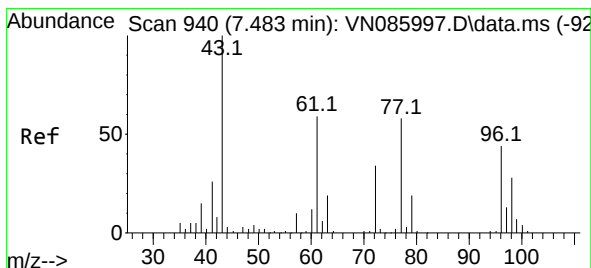
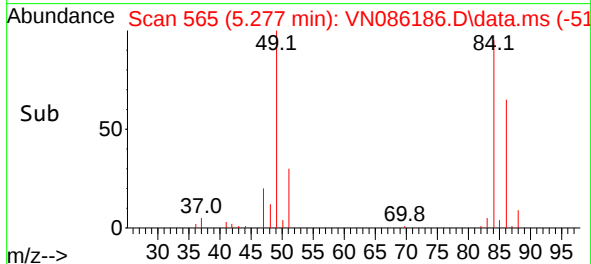
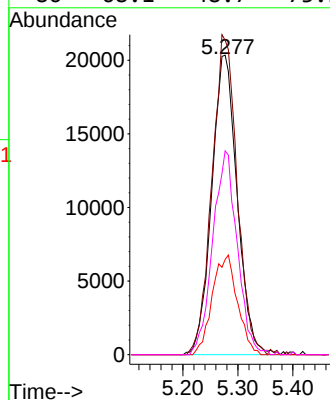
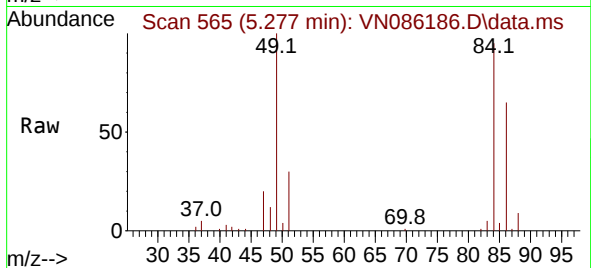
Ion Ratio Lower Upper

84 100

49 105.0 83.3 124.9

51 31.8 24.8 37.2

86 68.1 48.7 73.1



#25

2-Butanone

Concen: 8.302 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.012 min

Lab File: VN086186.D

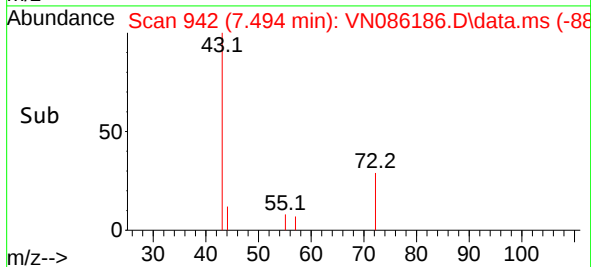
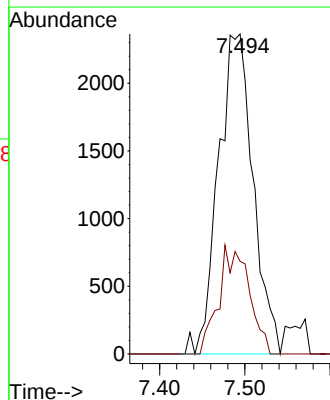
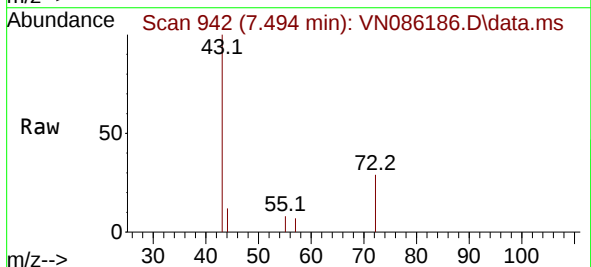
Acq: 31 Mar 2025 21:52

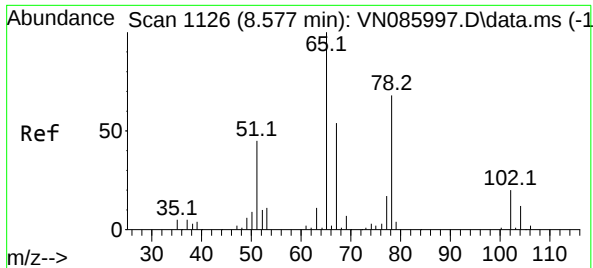
Tgt Ion: 43 Resp: 6691

Ion Ratio Lower Upper

43 100

72 28.9 27.4 41.0





#33

1,2-Dichloroethane-d4

Concen: 56.940 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086186.D

Acq: 31 Mar 2025 21:52

Instrument :

MSVOA_N

ClientSampleId :

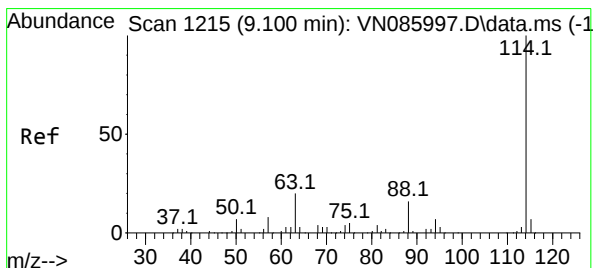
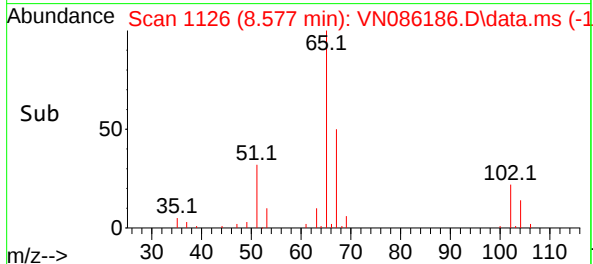
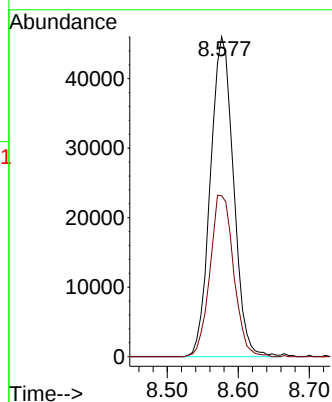
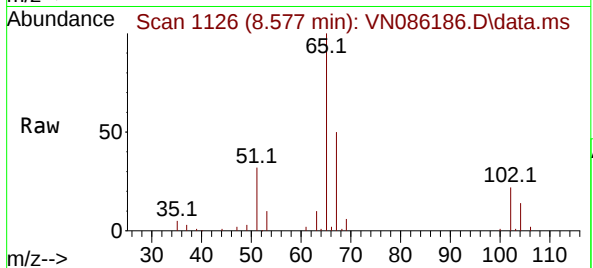
TP-10

Tgt Ion: 65 Resp: 104105

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086186.D

Acq: 31 Mar 2025 21:52

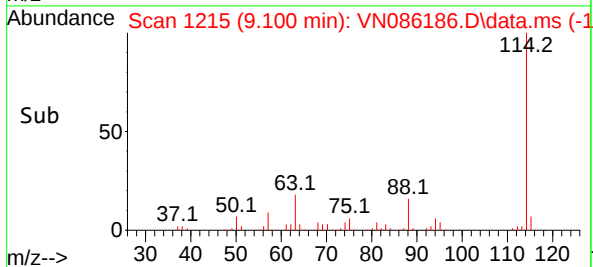
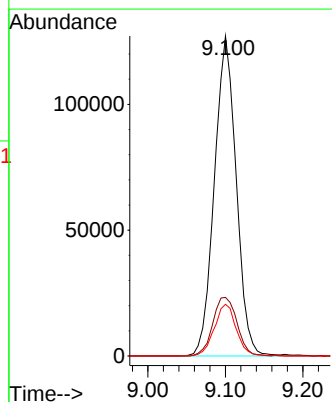
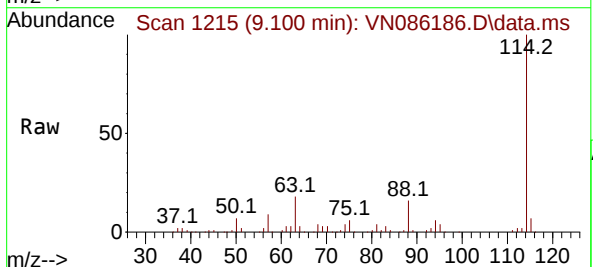
Tgt Ion: 114 Resp: 248623

Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.6

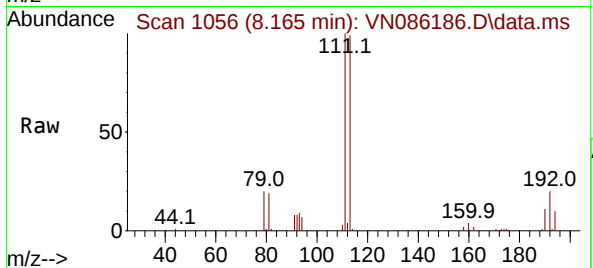
88 16.1 0.0 32.6



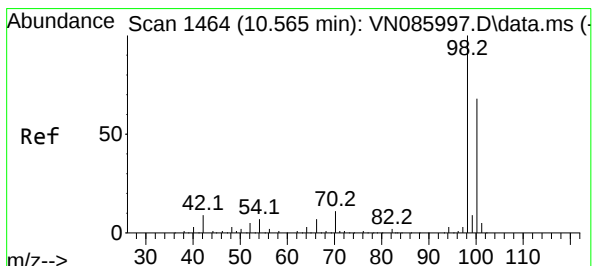
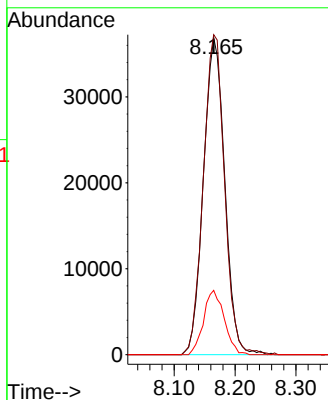
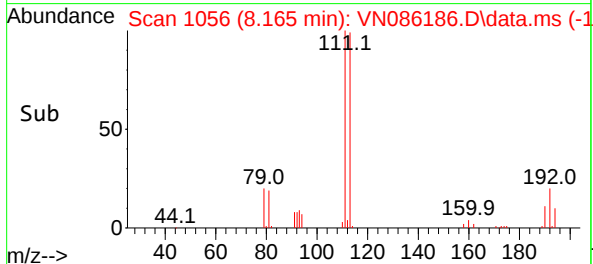


#35
Dibromofluoromethane
Concen: 51.689 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086186.D
Acq: 31 Mar 2025 21:52

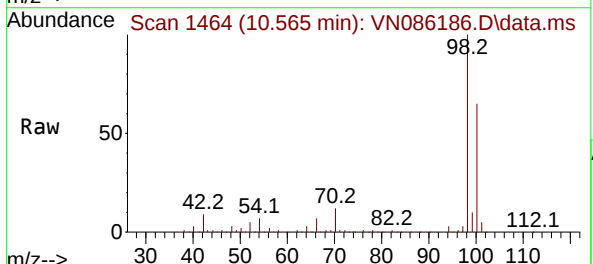
Instrument :
MSVOA_N
ClientSampleId :
TP-10



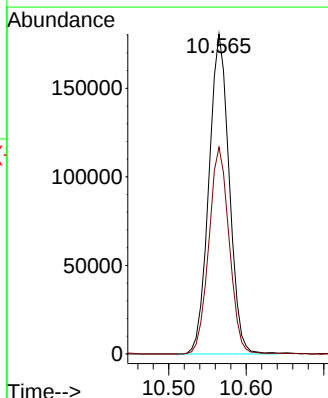
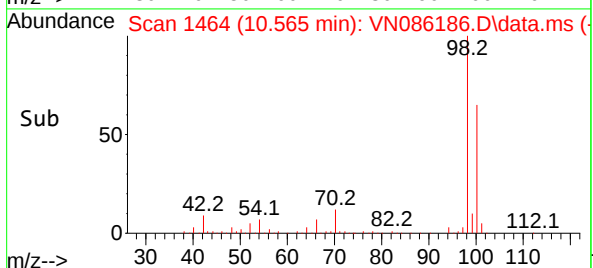
Tgt Ion:113 Resp: 89699
Ion Ratio Lower Upper
113 100
111 100.4 81.8 122.8
192 19.7 15.9 23.9

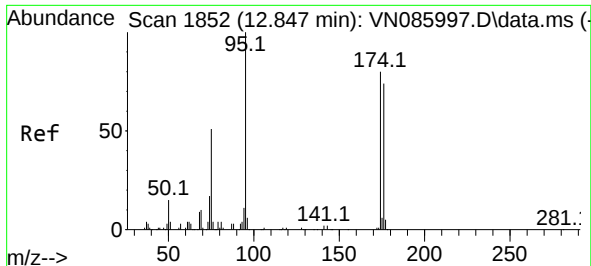


#50
Toluene-d8
Concen: 52.188 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086186.D
Acq: 31 Mar 2025 21:52



Tgt Ion: 98 Resp: 328690
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7

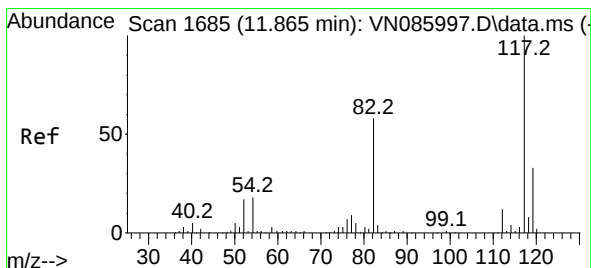
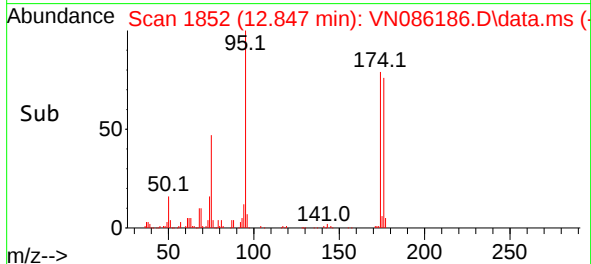
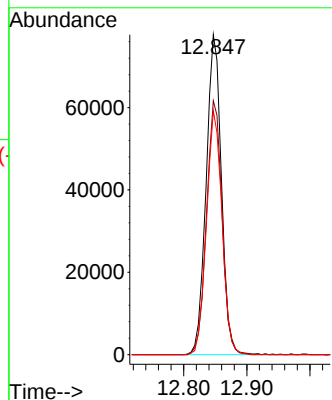
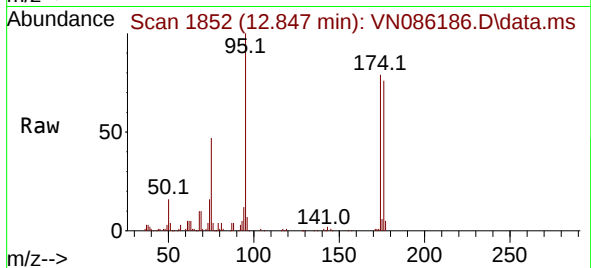




#62
4-Bromofluorobenzene
Concen: 57.976 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086186.D
Acq: 31 Mar 2025 21:52

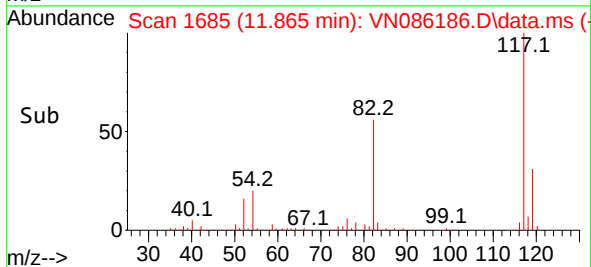
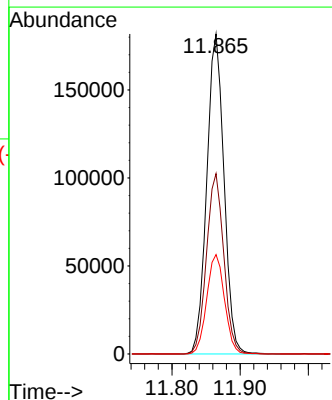
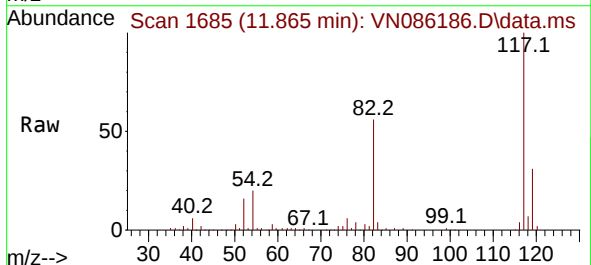
Instrument :
MSVOA_N
ClientSampleId :
TP-10

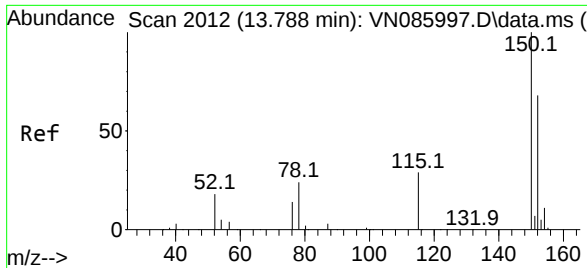
Tgt Ion: 95 Resp: 130221
Ion Ratio Lower Upper
95 100
174 80.7 0.0 156.8
176 77.4 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086186.D
Acq: 31 Mar 2025 21:52

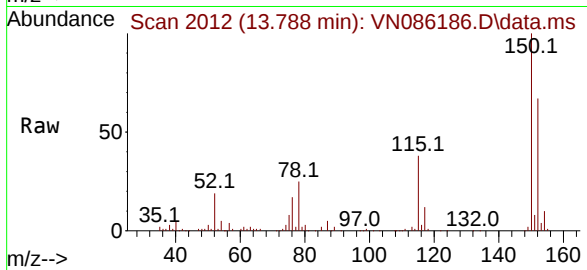
Tgt Ion: 117 Resp: 319487
Ion Ratio Lower Upper
117 100
82 56.4 46.7 70.1
119 31.1 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086186.D
 Acq: 31 Mar 2025 21:52

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-10



Tgt Ion:152 Resp: 118537
 Ion Ratio Lower Upper
 152 100
 115 58.4 31.1 93.2
 150 155.5 0.0 359.6

