

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033125\
 Data File : VN086187.D
 Acq On : 31 Mar 2025 22:17
 Operator : JC\MD
 Sample : Q1679-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-9

Quant Time: Apr 01 01:41:42 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)

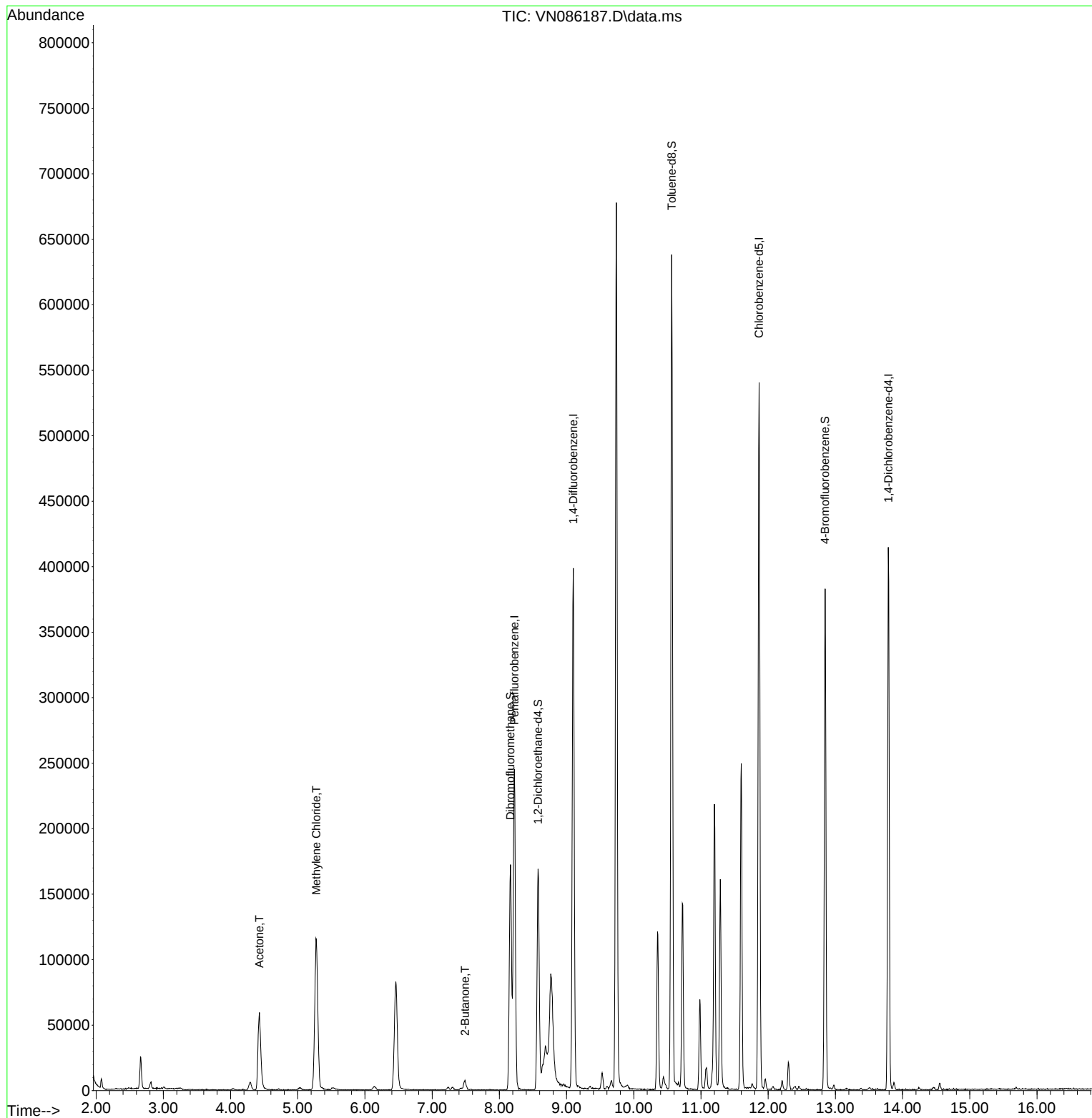
Internal Standards						
1) Pentafluorobenzene	8.224	168	177625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	350152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	327005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	138317	56.867	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.740%			
35) Dibromofluoromethane	8.165	113	125041	51.162	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.320%			
50) Toluene-d8	10.565	98	444417	50.103	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.200%			
62) 4-Bromofluorobenzene	12.847	95	132122	41.767	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 83.540%			
Target Compounds					Qvalue	
16) Acetone	4.430	43	107361	144.479	ug/l	100
20) Methylene Chloride	5.277	84	96859	44.557	ug/l	93
25) 2-Butanone	7.488	43	12161	11.342	ug/l	99

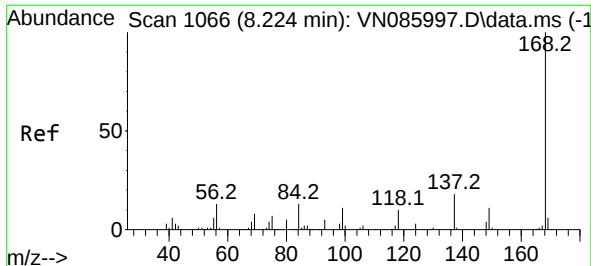
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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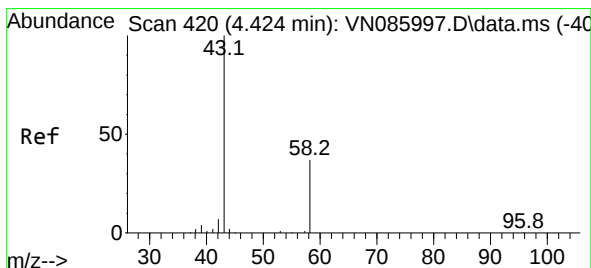
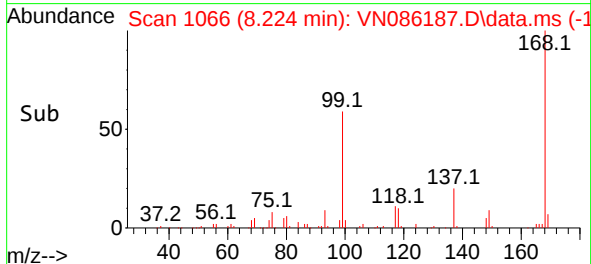
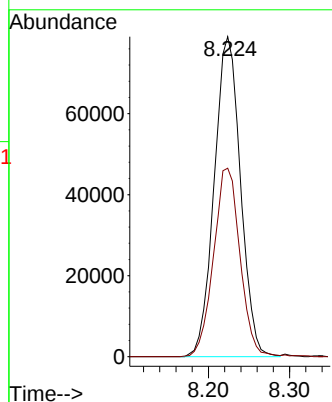
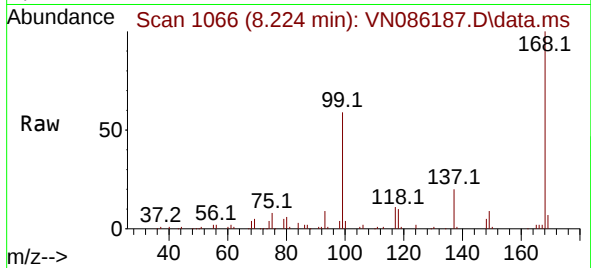




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086187.D
Acq: 31 Mar 2025 22:17

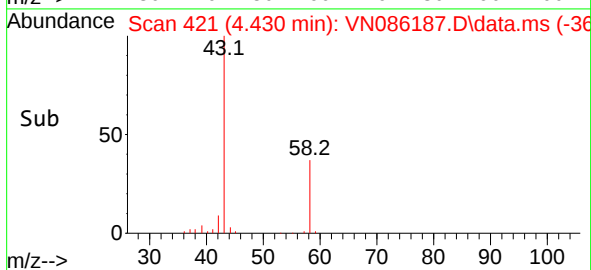
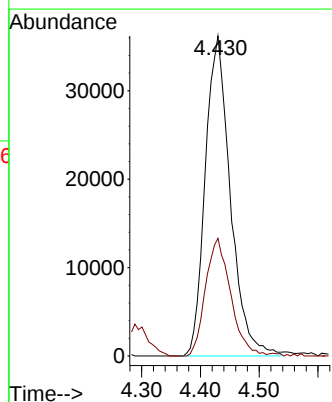
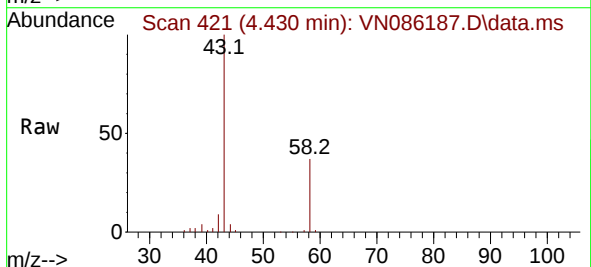
Instrument :
MSVOA_N
ClientSampleId :
TP-9

Tgt Ion:168 Resp: 177625
Ion Ratio Lower Upper
168 100
99 58.9 49.4 74.2



#16
Acetone
Concen: 144.479 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086187.D
Acq: 31 Mar 2025 22:17

Tgt Ion: 43 Resp: 107361
Ion Ratio Lower Upper
43 100
58 36.8 29.4 44.2

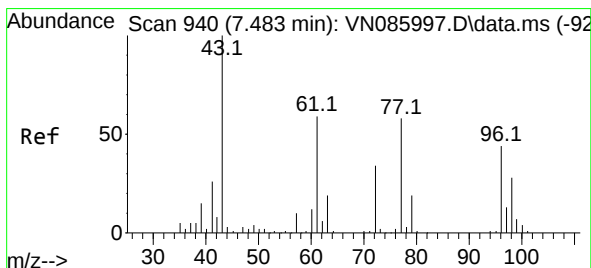
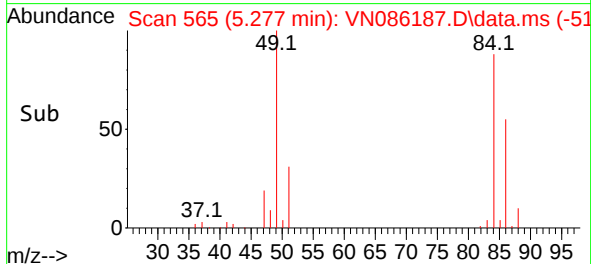
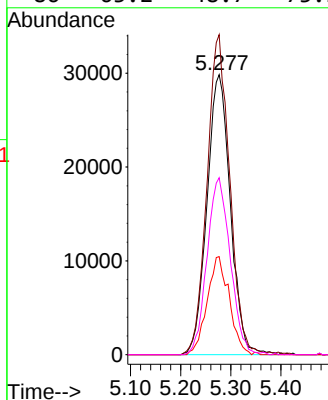
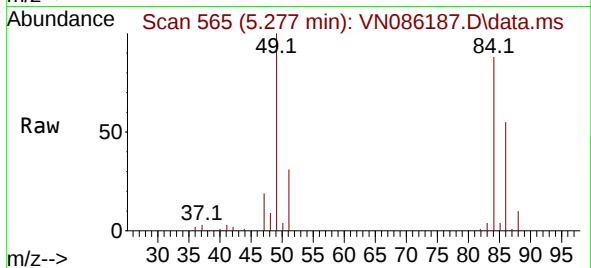




#20
Methylene Chloride
Concen: 44.557 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086187.D
Acq: 31 Mar 2025 22:17

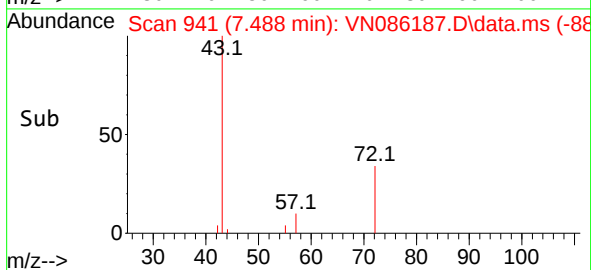
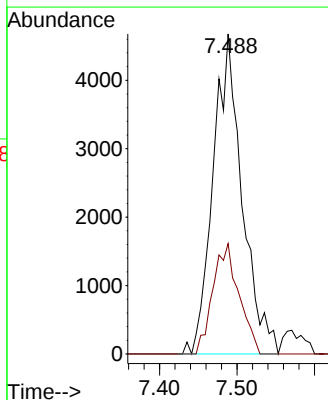
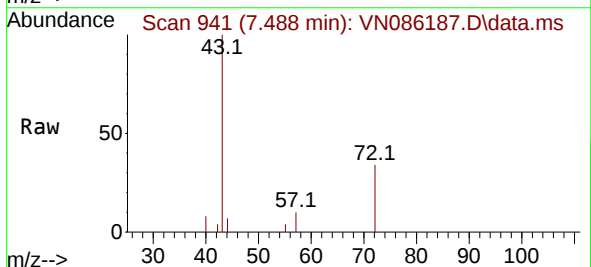
Instrument :
MSVOA_N
ClientSampleId :
TP-9

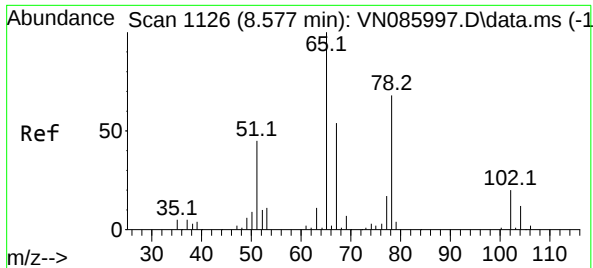
Tgt Ion:	84	Resp:	96859
Ion	Ratio	Lower	Upper
84	100		
49	114.3	83.3	124.9
51	35.0	24.8	37.2
86	63.2	48.7	73.1



#25
2-Butanone
Concen: 11.342 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086187.D
Acq: 31 Mar 2025 22:17

Tgt Ion:	43	Resp:	12161
Ion	Ratio	Lower	Upper
43	100		
72	34.5	27.4	41.0





#33

1,2-Dichloroethane-d4

Concen: 56.867 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086187.D

Acq: 31 Mar 2025 22:17

Instrument :

MSVOA_N

ClientSampleId :

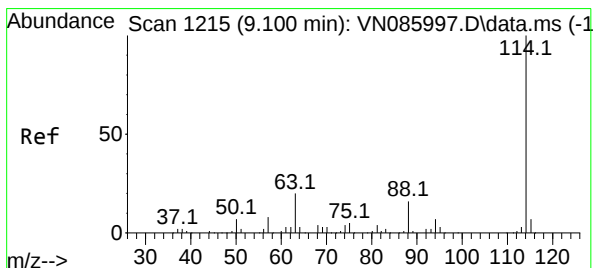
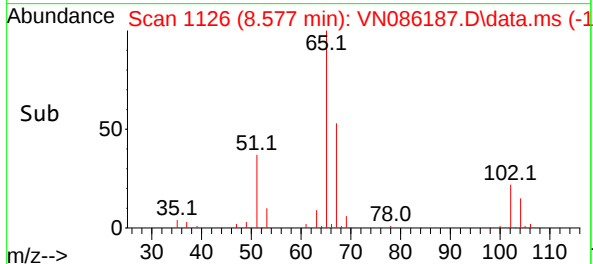
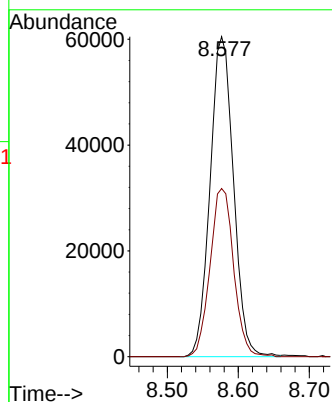
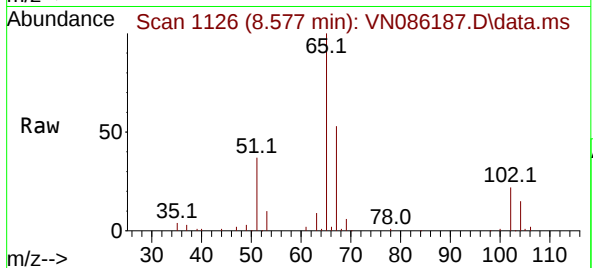
TP-9

Tgt Ion: 65 Resp: 138317

Ion Ratio Lower Upper

65 100

67 53.1 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: VN086187.D

Acq: 31 Mar 2025 22:17

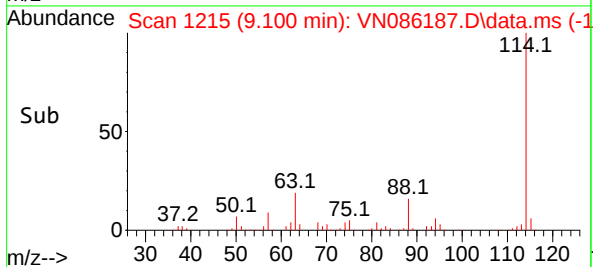
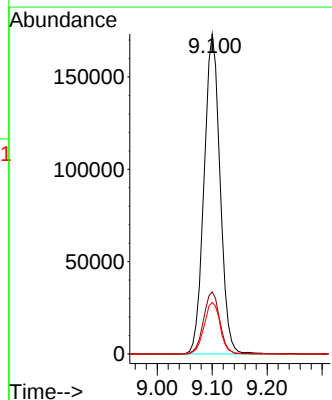
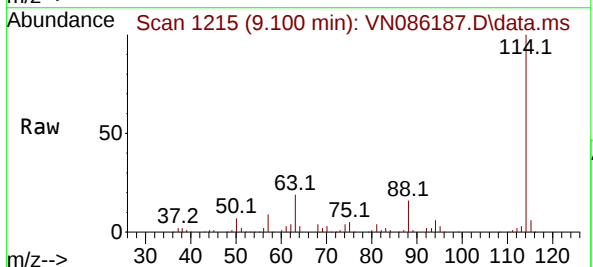
Tgt Ion: 114 Resp: 350152

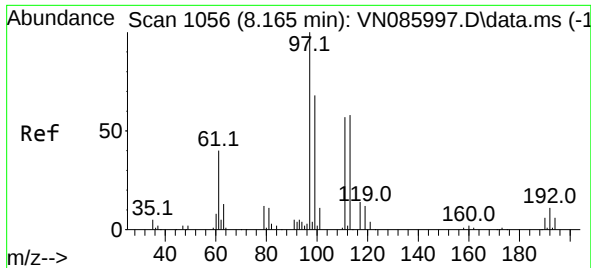
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 16.1 0.0 32.6

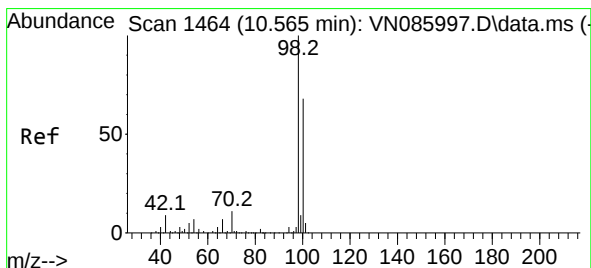
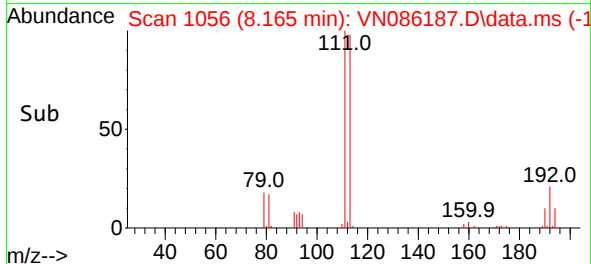
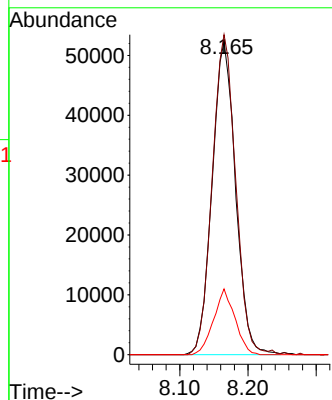
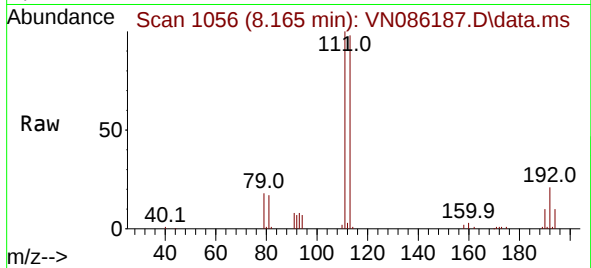




#35
Dibromofluoromethane
Concen: 51.162 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086187.D
Acq: 31 Mar 2025 22:17

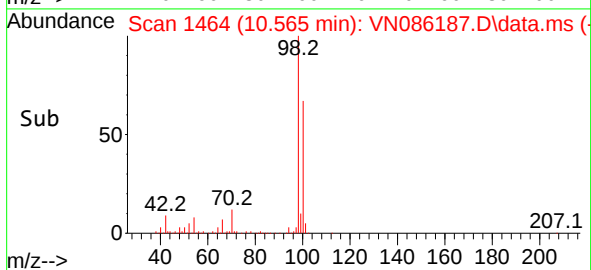
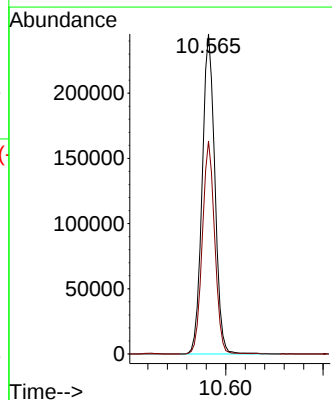
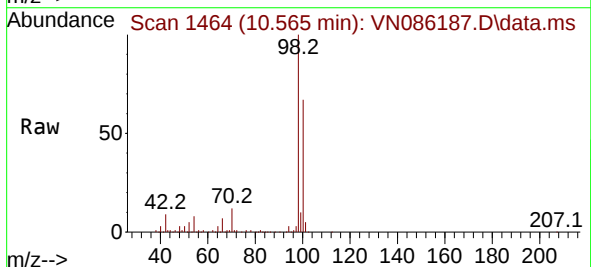
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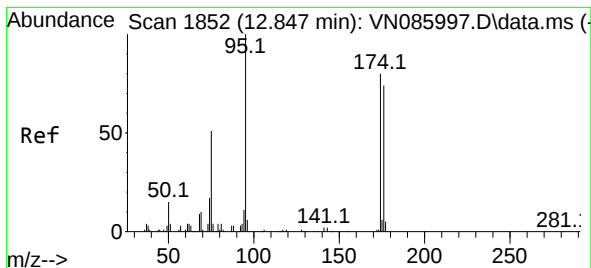
Tgt Ion:113 Resp: 125041
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.8
192 19.1 15.9 23.9



#50
Toluene-d8
Concen: 50.103 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086187.D
Acq: 31 Mar 2025 22:17

Tgt Ion: 98 Resp: 444417
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7

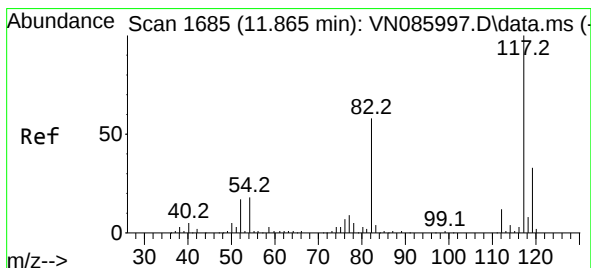
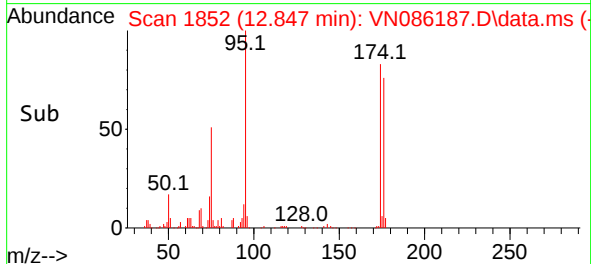
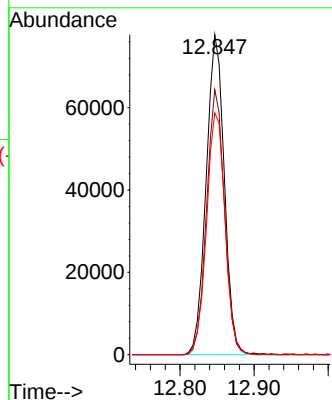
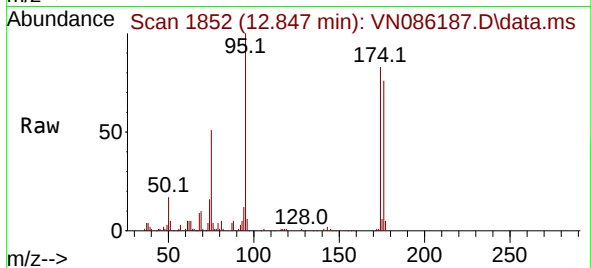




#62
4-Bromofluorobenzene
Concen: 41.767 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086187.D
Acq: 31 Mar 2025 22:17

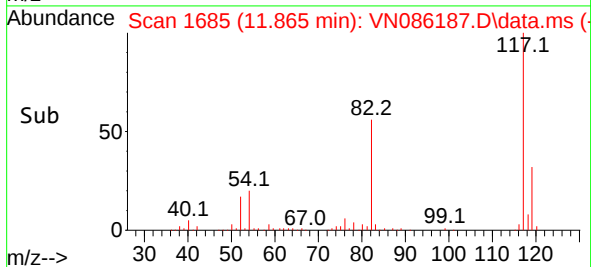
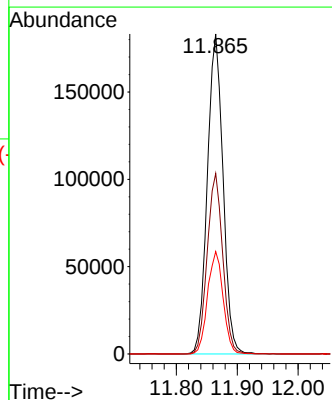
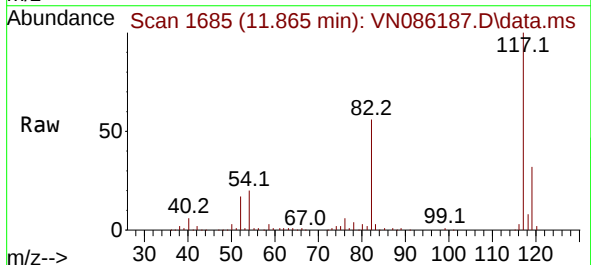
Instrument :
MSVOA_N
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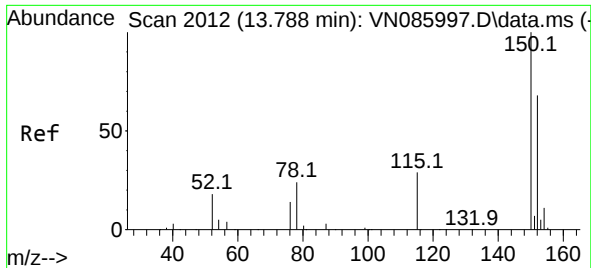
Tgt Ion: 95 Resp: 132122
Ion Ratio Lower Upper
95 100
174 81.6 0.0 156.8
176 76.9 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086187.D
Acq: 31 Mar 2025 22:17

Tgt Ion: 117 Resp: 327005
Ion Ratio Lower Upper
117 100
82 56.4 46.7 70.1
119 32.0 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: VN086187.D

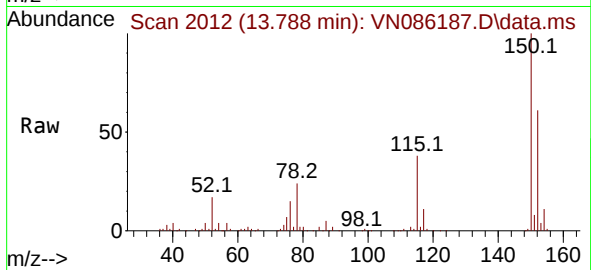
Acq: 31 Mar 2025 22:17

Instrument :

MSVOA_N

ClientSampleId :

TP-9



Tgt Ion:152 Resp: 117280

Ion Ratio Lower Upper

152 100

115 60.3 31.1 93.2

150 161.1 0.0 359.6

