

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032425\
 Data File : VN086080.D
 Acq On : 24 Mar 2025 18:25
 Operator : JC\MD
 Sample : Q1619-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Quant Time: Mar 25 01:29:21 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)

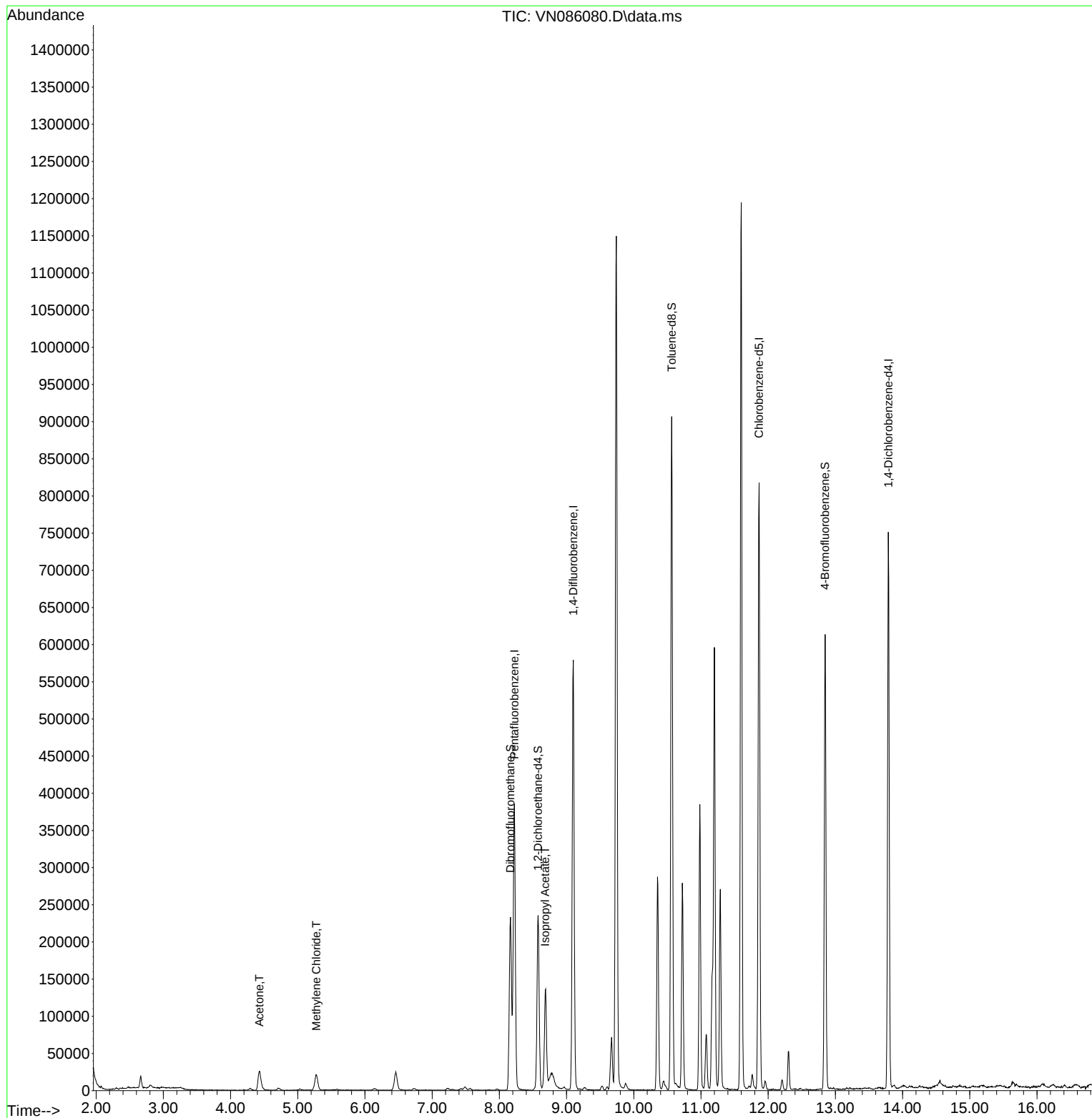
Internal Standards						
1) Pentafluorobenzene	8.224	168	281256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	515188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	492000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	212760	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	194148	50.410	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.820%
35) Dibromofluoromethane	8.165	113	171725	47.755	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.520%
50) Toluene-d8	10.565	98	648577	49.696	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.400%
62) 4-Bromofluorobenzene	12.847	95	218513	46.949	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.900%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	50378	42.816	ug/l	94
20) Methylene Chloride	5.277	84	17549	5.098	ug/l	88
43) Isopropyl Acetate	8.682	43	153518	17.735	ug/l #	84

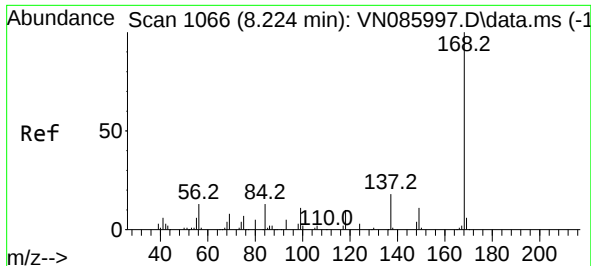
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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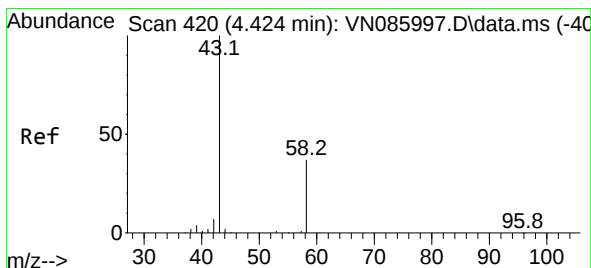
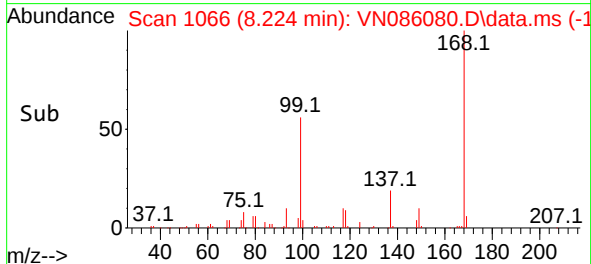
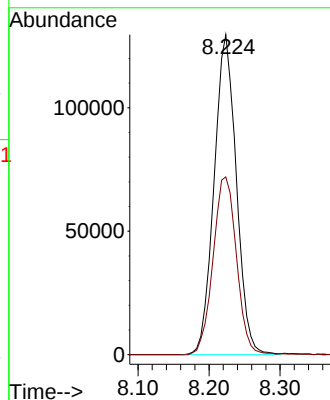
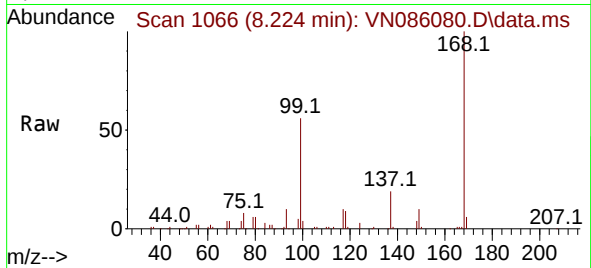




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086080.D
Acq: 24 Mar 2025 18:25

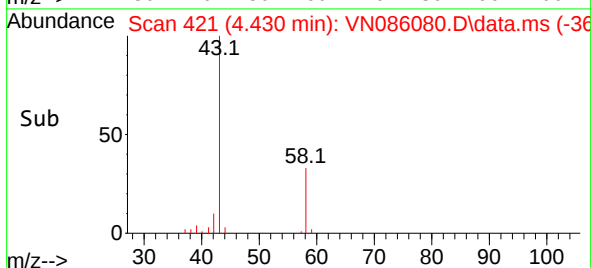
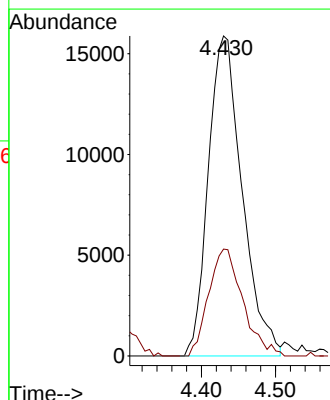
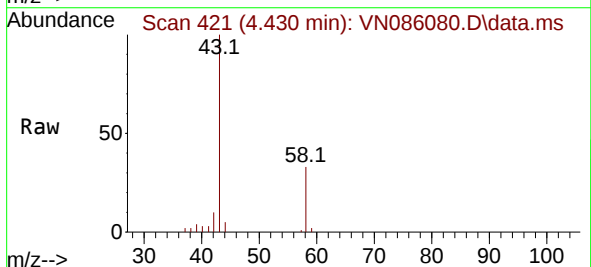
Instrument :
MSVOA_N
ClientSampleId :
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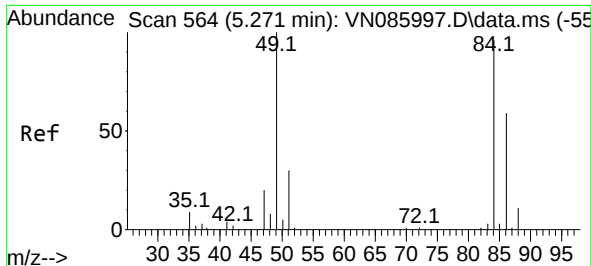
Tgt Ion:168 Resp: 281256
Ion Ratio Lower Upper
168 100
99 55.6 49.4 74.2



#16
Acetone
Concen: 42.816 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086080.D
Acq: 24 Mar 2025 18:25

Tgt Ion: 43 Resp: 50378
Ion Ratio Lower Upper
43 100
58 33.4 29.4 44.2

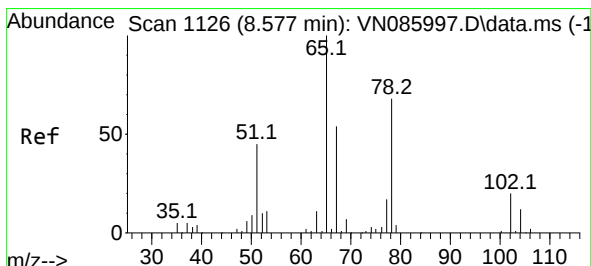
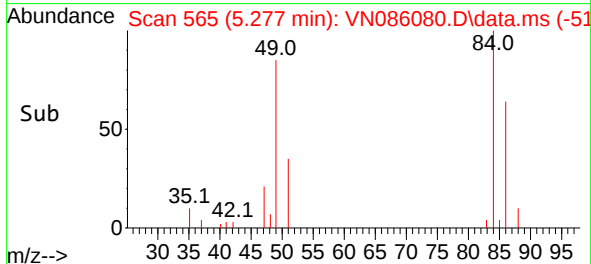
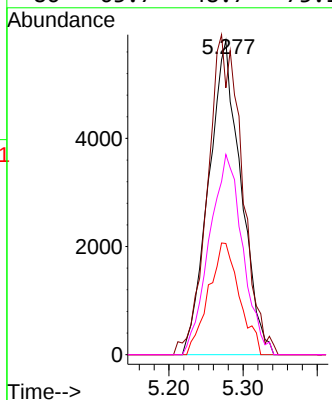
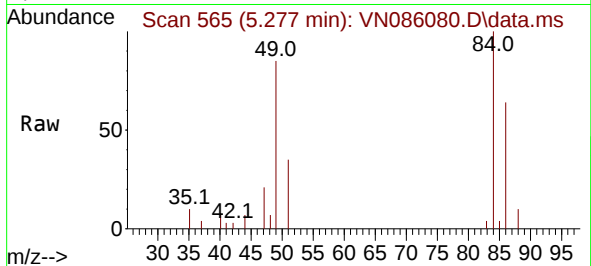




#20
Methylene Chloride
Concen: 5.098 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086080.D
Acq: 24 Mar 2025 18:25

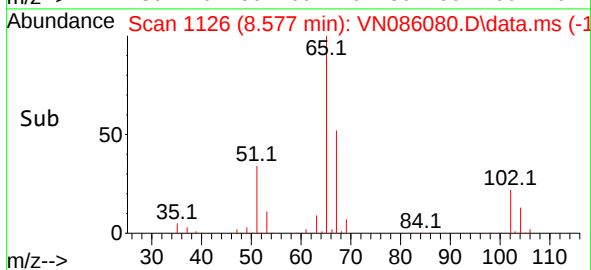
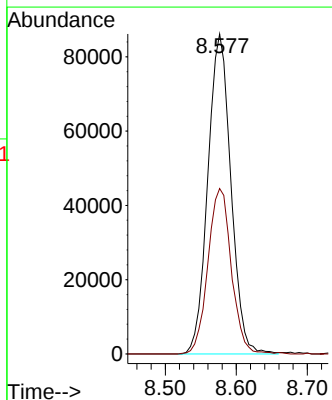
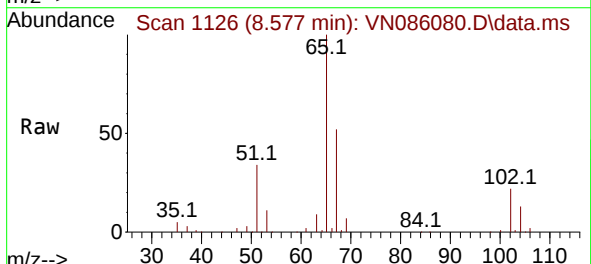
Instrument :
MSVOA_N
ClientSampleId :
TP-3

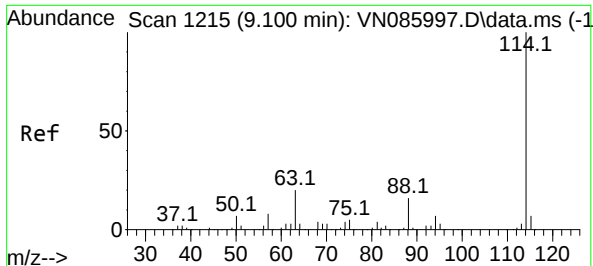
Tgt Ion: 84	Resp: 17549
Ion Ratio	Lower Upper
84 100	
49 85.0	83.3 124.9
51 35.4	24.8 37.2
86 63.7	48.7 73.1



#33
1,2-Dichloroethane-d4
Concen: 50.410 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086080.D
Acq: 24 Mar 2025 18:25

Tgt Ion: 65	Resp: 194148
Ion Ratio	Lower Upper
65 100	
67 52.4	0.0 102.2

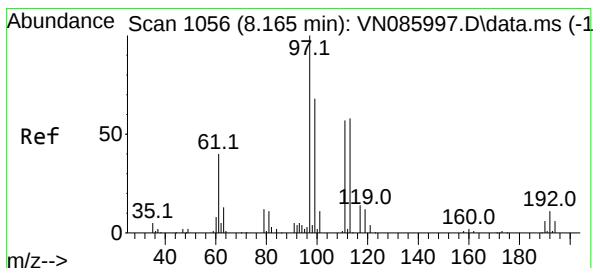
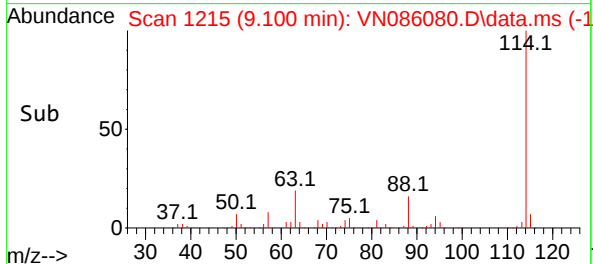
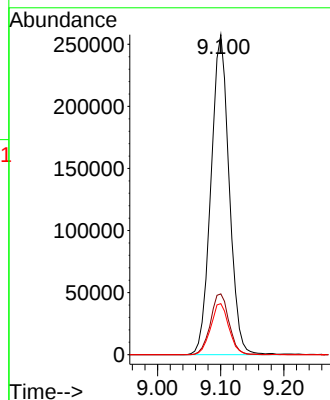
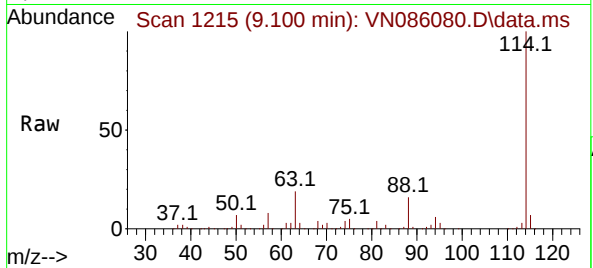




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086080.D
Acq: 24 Mar 2025 18:25

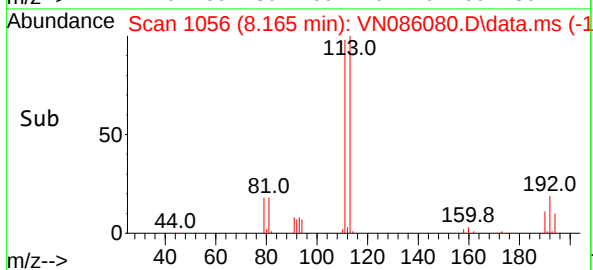
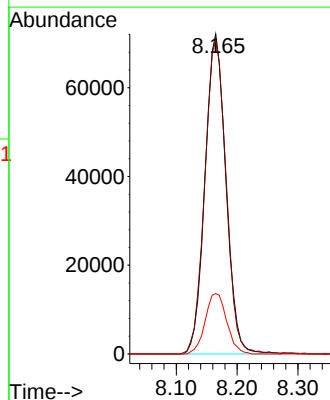
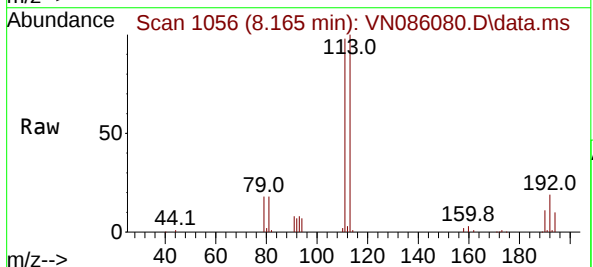
Instrument :
MSVOA_N
ClientSampleId :
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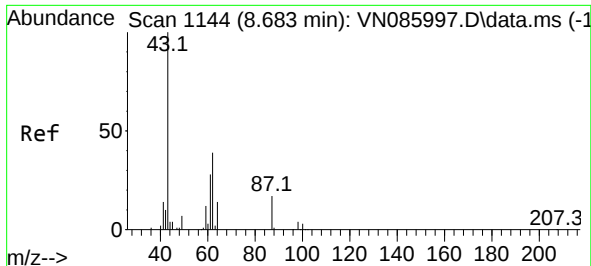
Tgt Ion:114 Resp: 515188
Ion Ratio Lower Upper
114 100
63 19.0 0.0 39.6
88 15.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 47.755 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086080.D
Acq: 24 Mar 2025 18:25

Tgt Ion:113 Resp: 171725
Ion Ratio Lower Upper
113 100
111 100.8 81.8 122.8
192 19.5 15.9 23.9

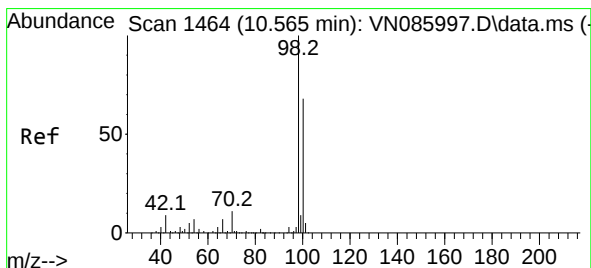
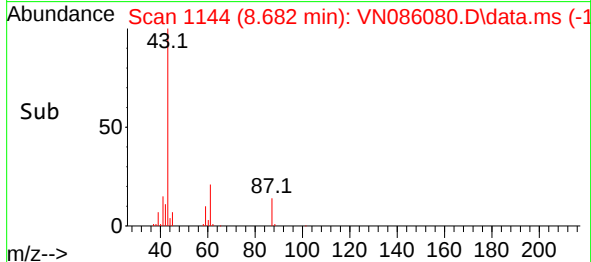
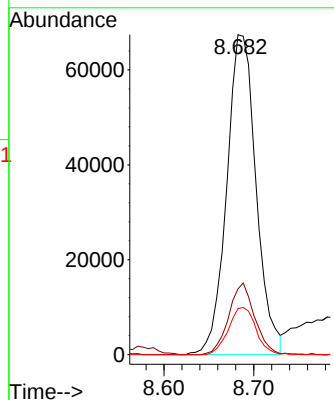
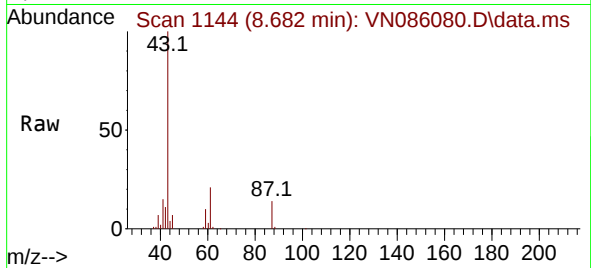




#43
Isopropyl Acetate
Concen: 17.735 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086080.D
Acq: 24 Mar 2025 18:25

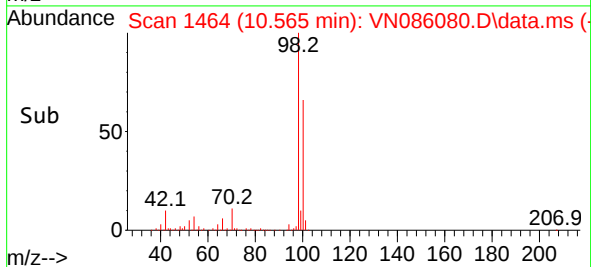
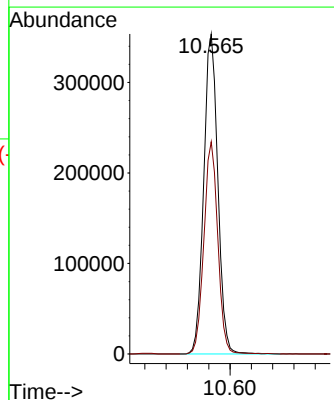
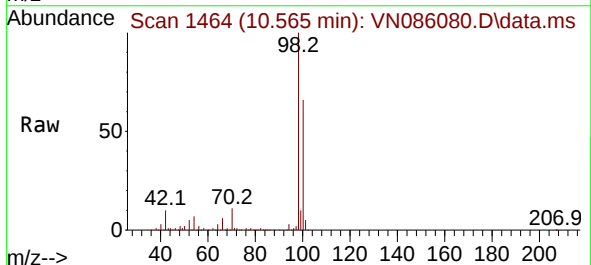
Instrument :
MSVOA_N
ClientSampleId :
TP-3

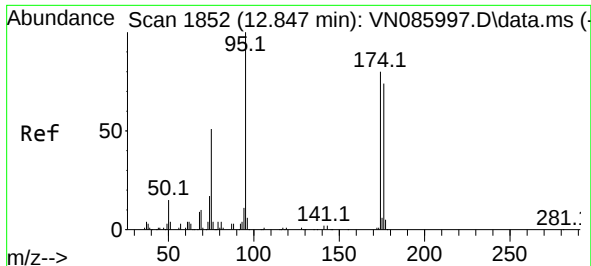
Tgt Ion: 43 Resp: 153518
Ion Ratio Lower Upper
43 100
61 19.9 25.0 37.6#
87 13.8 13.0 19.4



#50
Toluene-d8
Concen: 49.696 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086080.D
Acq: 24 Mar 2025 18:25

Tgt Ion: 98 Resp: 648577
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7

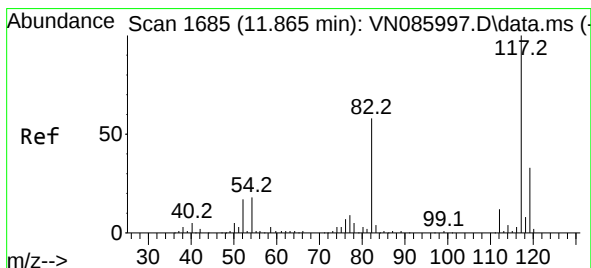
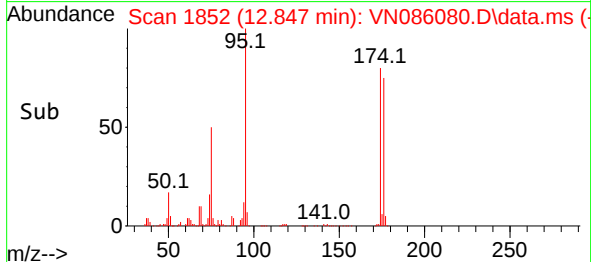
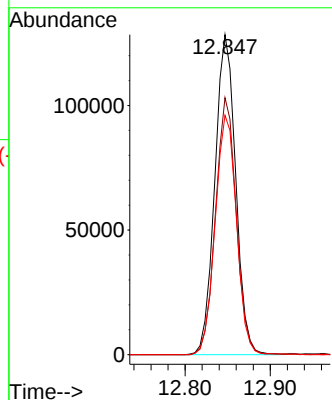
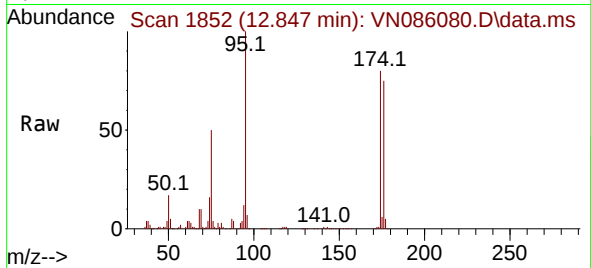




#62
4-Bromofluorobenzene
Concen: 46.949 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086080.D
Acq: 24 Mar 2025 18:25

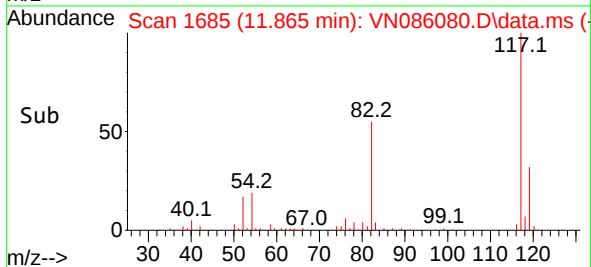
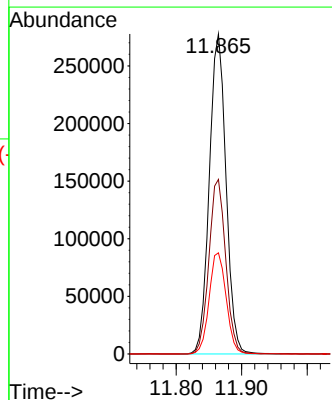
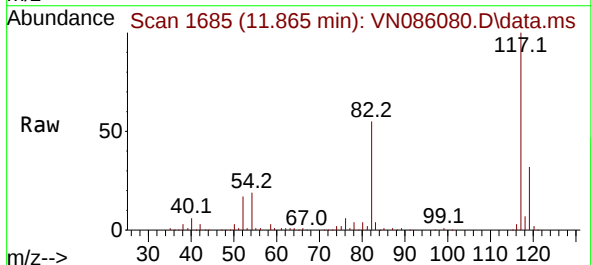
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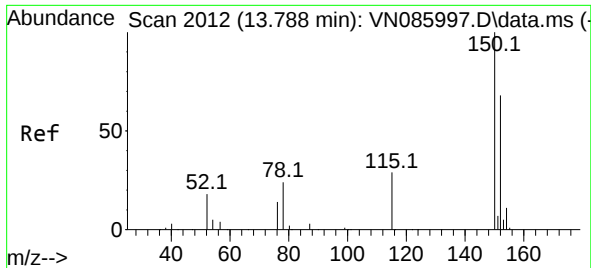
Tgt Ion: 95 Resp: 218513
Ion Ratio Lower Upper
95 100
174 80.0 0.0 156.8
176 76.5 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086080.D
Acq: 24 Mar 2025 18:25

Tgt Ion: 117 Resp: 492000
Ion Ratio Lower Upper
117 100
82 54.6 46.7 70.1
119 31.6 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: VN086080.D

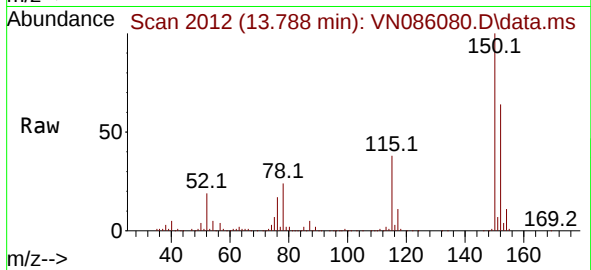
Acq: 24 Mar 2025 18:25

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:152 Resp: 212760

Ion Ratio Lower Upper

152 100

115 59.4 31.1 93.2

150 157.6 0.0 359.6

