

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041125\
 Data File : VN086252.D
 Acq On : 11 Apr 2025 16:15
 Operator : JC\MD
 Sample : Q1774-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-073-IDWGW-20250409

Quant Time: Apr 12 01:50:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 12 01:21:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

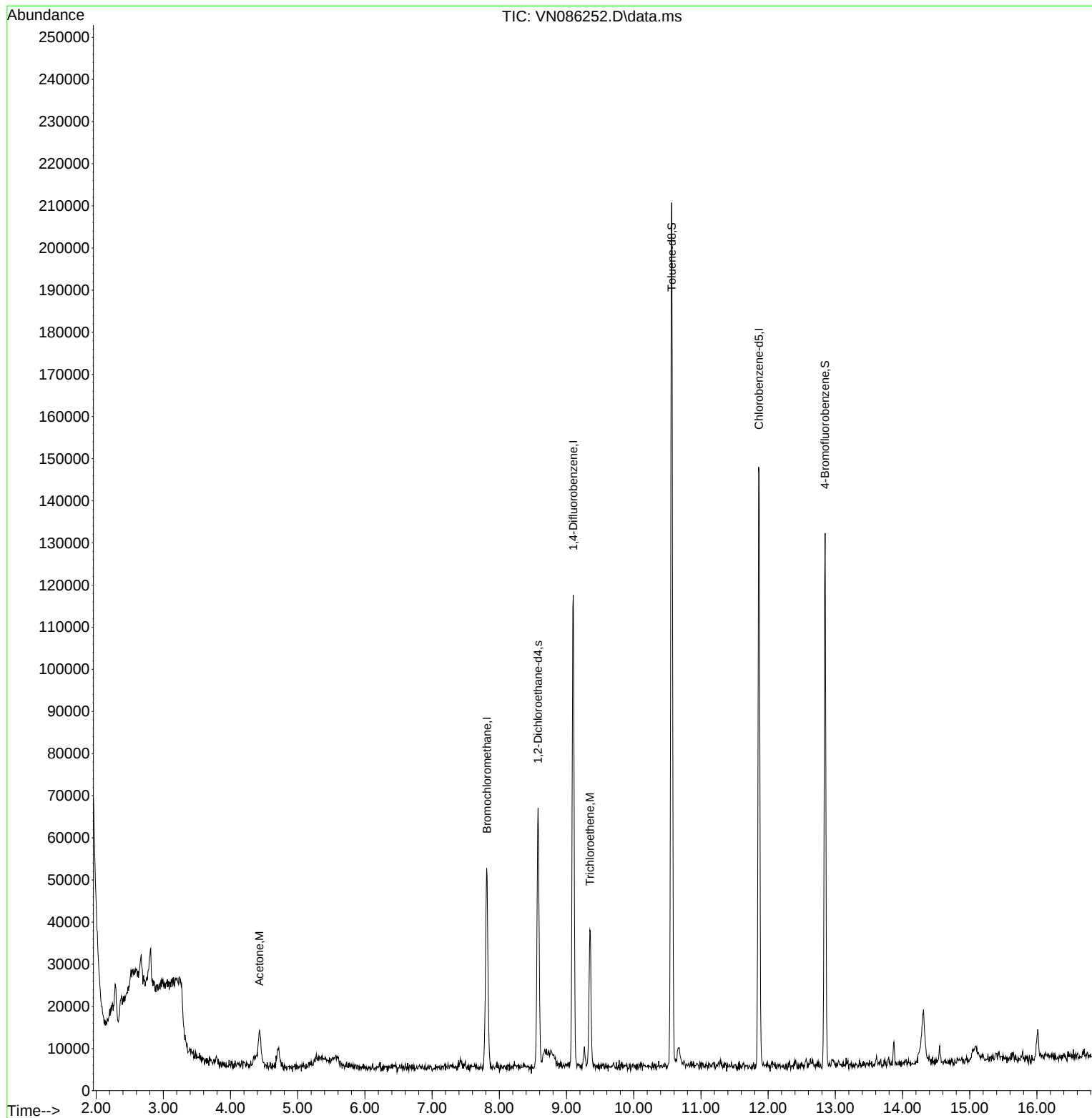
Internal Standards						
1) Bromochloromethane	7.818	128	16665	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	98006	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	84075	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	49324	30.345	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.133%
60) 4-Bromofluorobenzene	12.847	95	48470	28.956	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.533%
63) Toluene-d8	10.565	98	142745	30.074	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.233%
Target Compounds						
15) Acetone	4.430	58	5740	29.925	ug/l	82
37) Trichloroethene	9.347	130	11784	8.744	ug/l	100

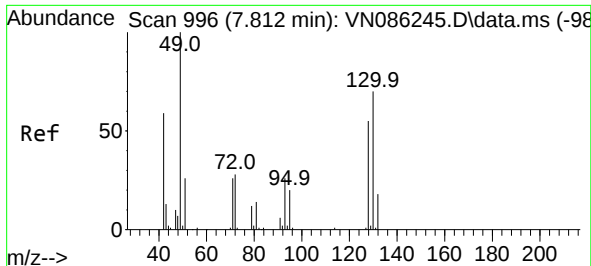
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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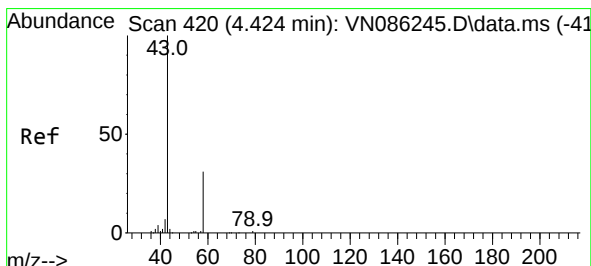
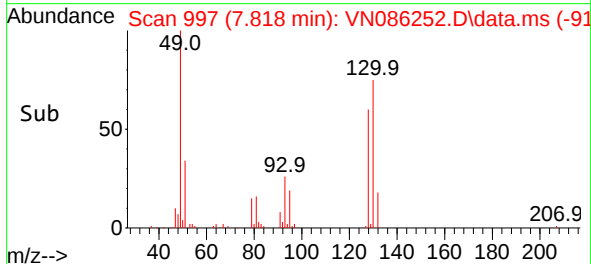
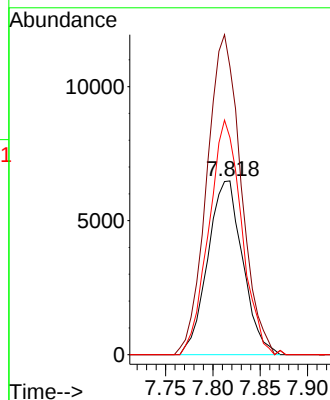
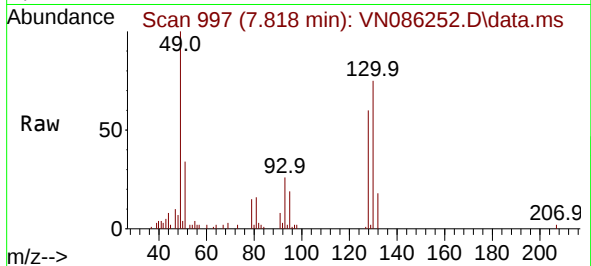




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN086252.D
Acq: 11 Apr 2025 16:15

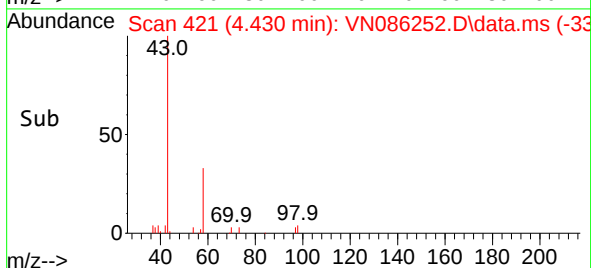
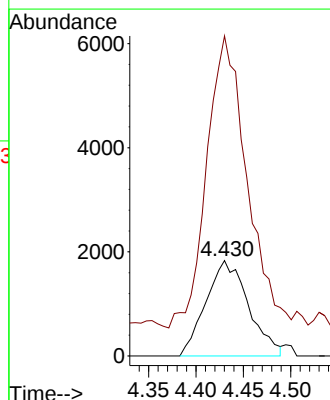
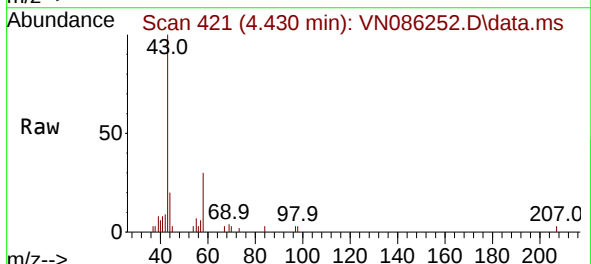
Instrument :
MSVOA_N
ClientSampleId :
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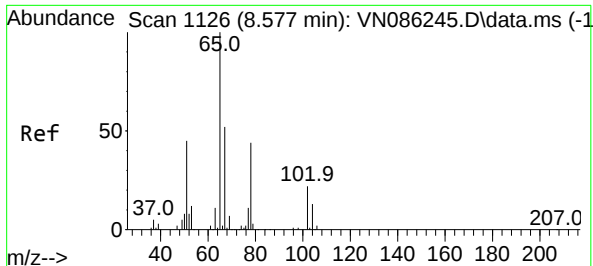
Tgt Ion:128 Resp: 16665
Ion Ratio Lower Upper
128 100
49 179.9 0.0 452.5
130 126.8 0.0 315.0



#15
Acetone
Concen: 29.925 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086252.D
Acq: 11 Apr 2025 16:15

Tgt Ion: 58 Resp: 5740
Ion Ratio Lower Upper
58 100
43 289.9 261.8 392.8





#27

1,2-Dichloroethane-d4

Concen: 30.345 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086252.D

Acq: 11 Apr 2025 16:15

Instrument :

MSVOA_N

ClientSampleId :

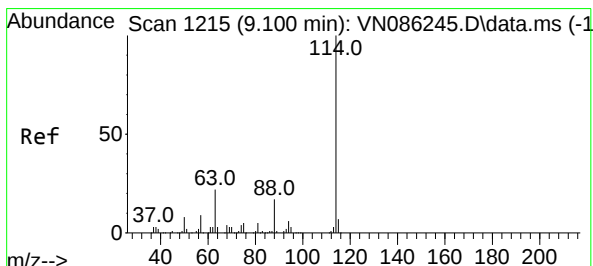
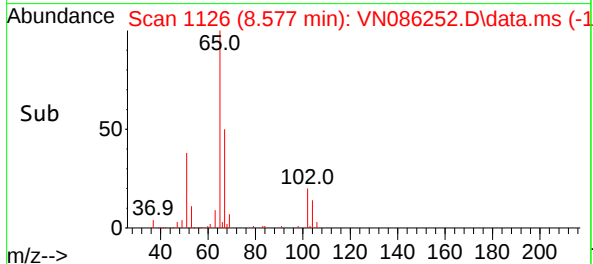
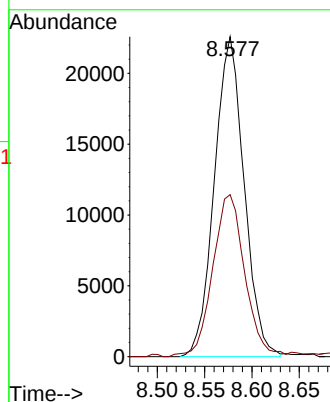
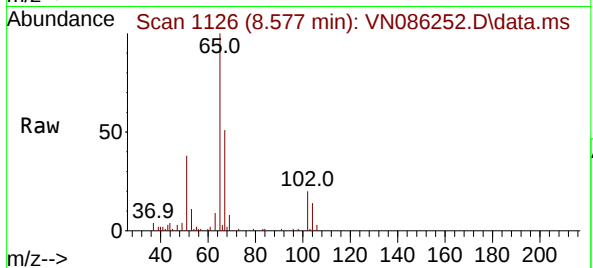
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Tgt Ion: 65 Resp: 49324

Ion Ratio Lower Upper

65 100

67 53.9 43.4 65.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086252.D

Acq: 11 Apr 2025 16:15

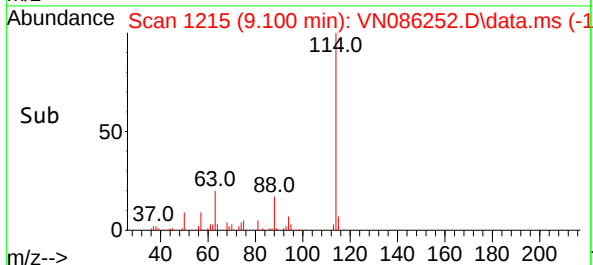
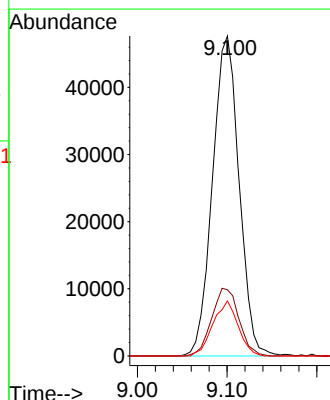
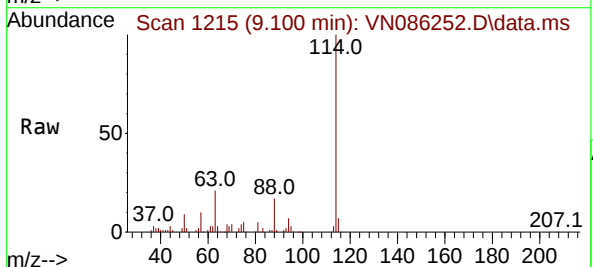
Tgt Ion: 114 Resp: 98006

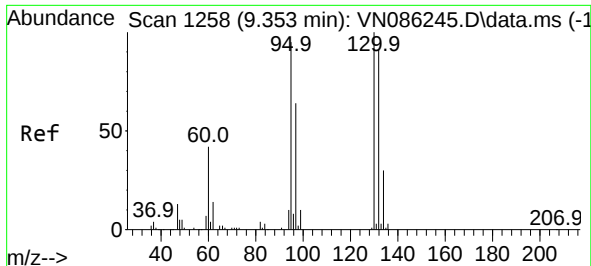
Ion Ratio Lower Upper

114 100

63 21.7 17.8 26.6

88 16.3 13.4 20.2

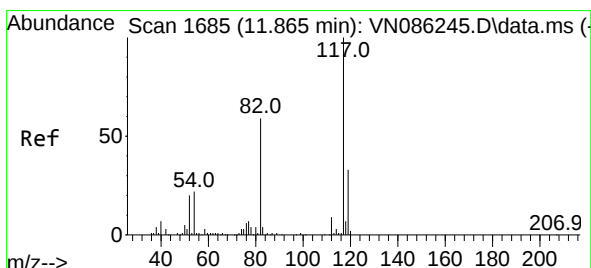
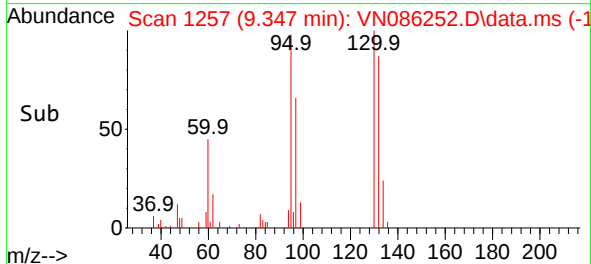
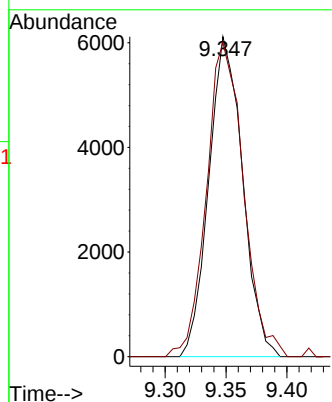
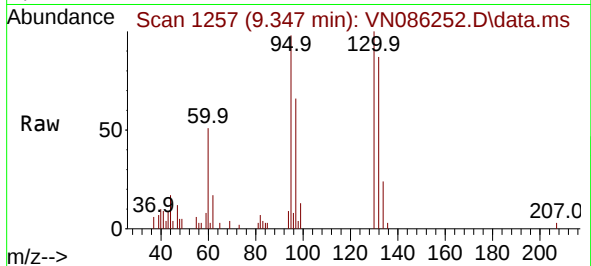




#37
Trichloroethene
Concen: 8.744 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086252.D
Acq: 11 Apr 2025 16:15

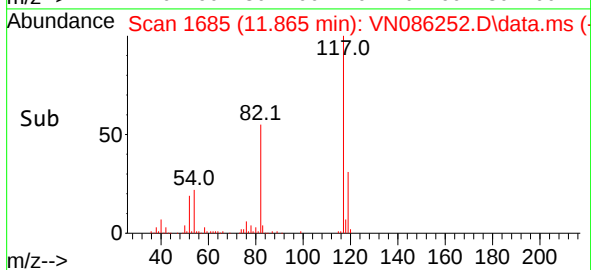
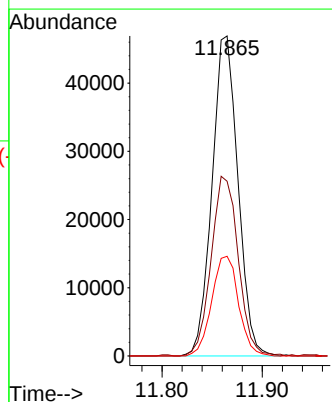
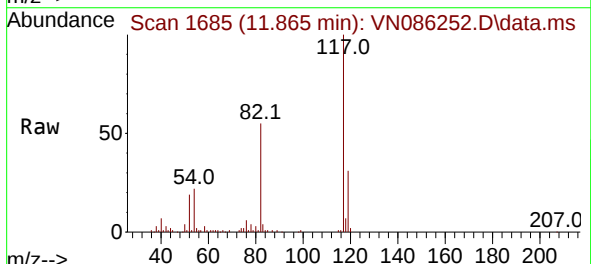
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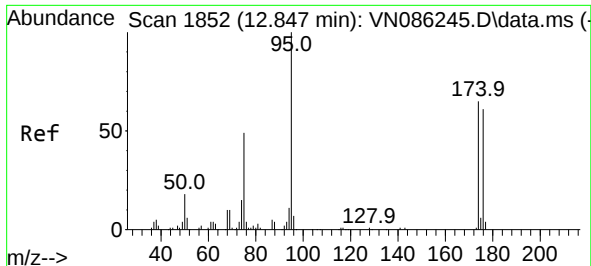
Tgt Ion:130 Resp: 11784
Ion Ratio Lower Upper
130 100
95 95.4 76.4 114.6



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086252.D
Acq: 11 Apr 2025 16:15

Tgt Ion:117 Resp: 84075
Ion Ratio Lower Upper
117 100
82 58.8 47.3 70.9
119 32.3 25.9 38.9

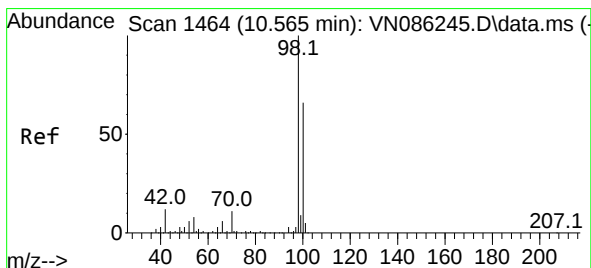
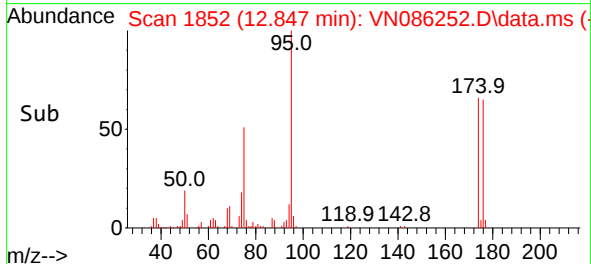
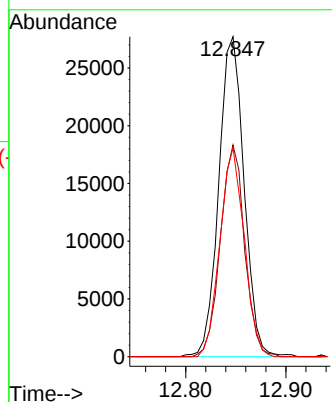
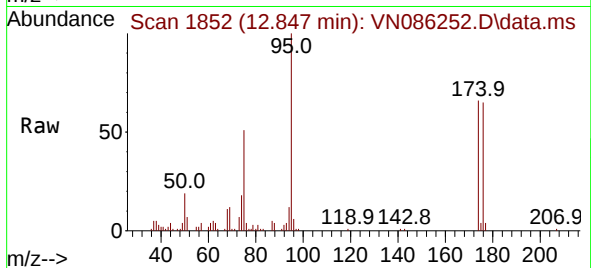




#60
4-Bromofluorobenzene
Concen: 28.956 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086252.D
Acq: 11 Apr 2025 16:15

Instrument :
MSVOA_N
ClientSampleId :
TT-073-IDWGW-20250409

Tgt Ion: 95 Resp: 48470
Ion Ratio Lower Upper
95 100
174 63.3 52.7 79.1
176 62.7 49.8 74.8



#63
Toluene-d8
Concen: 30.074 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086252.D
Acq: 11 Apr 2025 16:15

Tgt Ion: 98 Resp: 142745
Ion Ratio Lower Upper
98 100
100 66.4 52.3 78.5

