

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082824\
 Data File : VN083535.D
 Acq On : 28 Aug 2024 14:55
 Operator : JC\MD
 Sample : P3759-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002-35TH-AVE(JUNE)

Quant Time: Aug 28 15:37:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N082824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 28 12:23:16 2024
 Response via : Initial Calibration

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

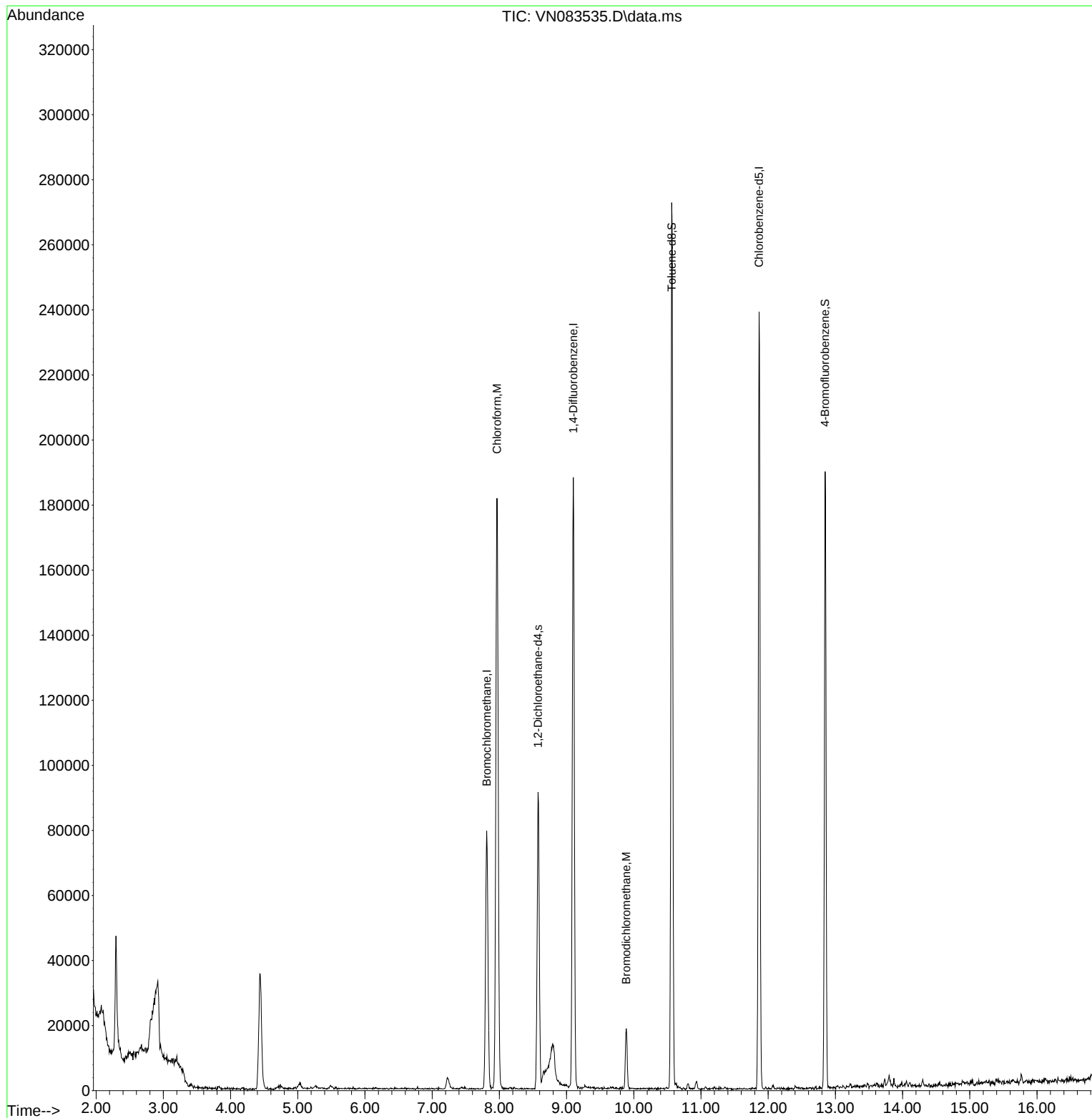
Internal Standards						
1) Bromochloromethane	7.812	128	26962	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	159992	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	132531	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	75372	31.102	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.667%
60) 4-Bromofluorobenzene	12.847	95	65909	28.090	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.633%
63) Toluene-d8	10.565	98	189295	30.938	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.133%
Target Compounds						
					Qvalue	
25) Chloroform	7.965	83	179685	49.460	ug/l	98
41) Bromodichloromethane	9.888	83	13328	4.639	ug/l #	93

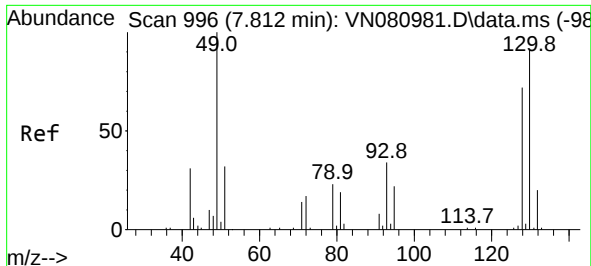
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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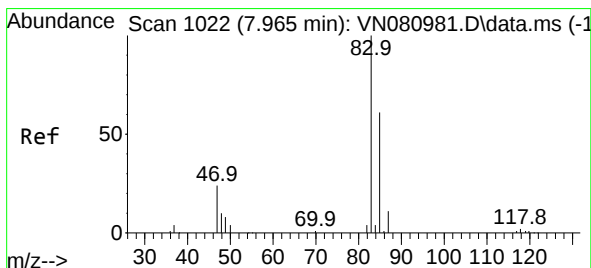
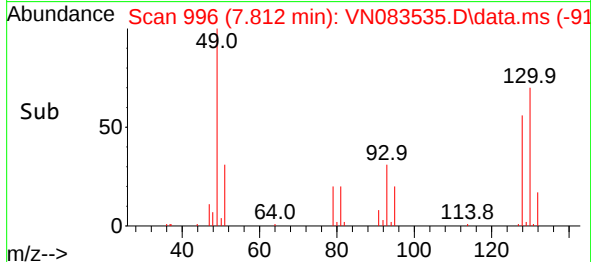
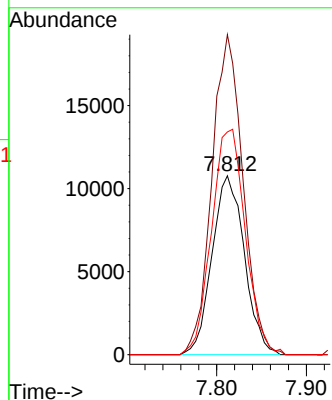
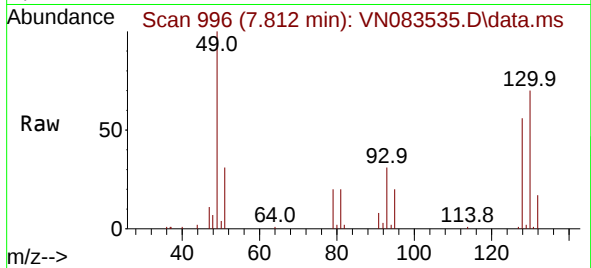




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN083535.D
Acq: 28 Aug 2024 14:55

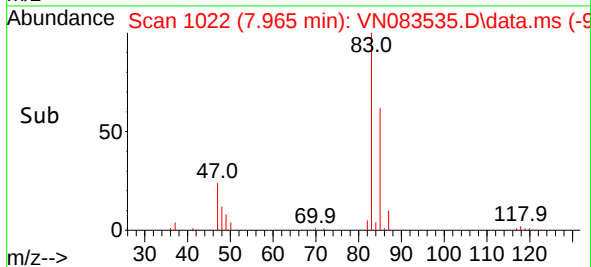
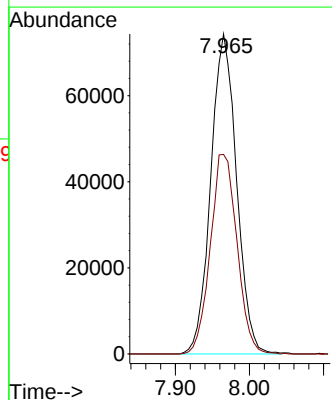
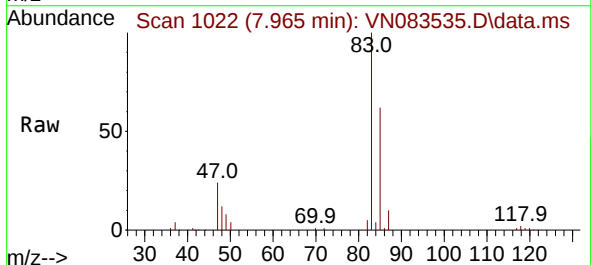
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(JUNE)

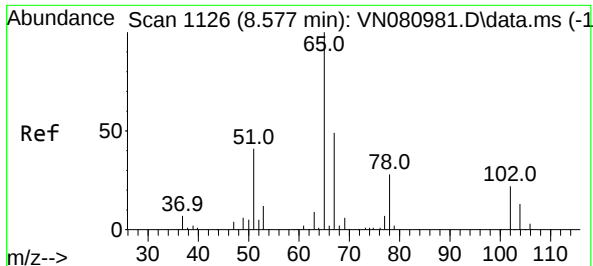
Tgt Ion:128 Resp: 26962
Ion Ratio Lower Upper
128 100
49 171.9 0.0 403.7
130 131.5 0.0 323.3



#25
Chloroform
Concen: 49.460 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN083535.D
Acq: 28 Aug 2024 14:55

Tgt Ion: 83 Resp: 179685
Ion Ratio Lower Upper
83 100
85 62.4 50.9 76.3

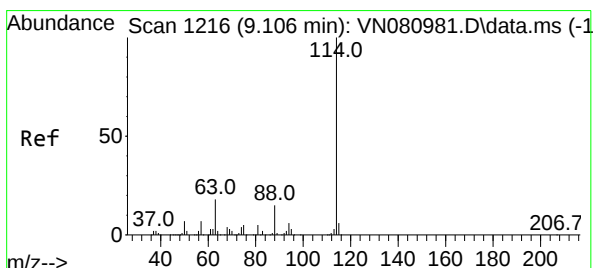
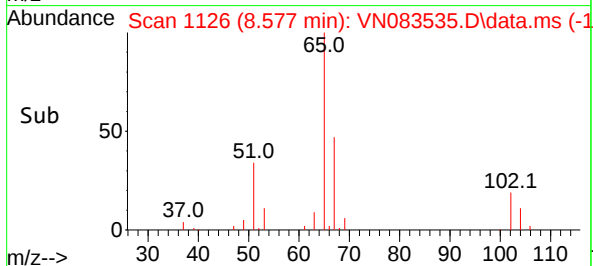
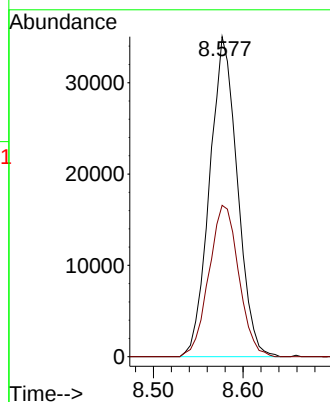
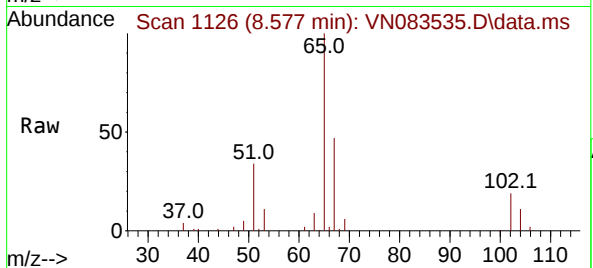




#27
1,2-Dichloroethane-d4
Concen: 31.102 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083535.D
Acq: 28 Aug 2024 14:55

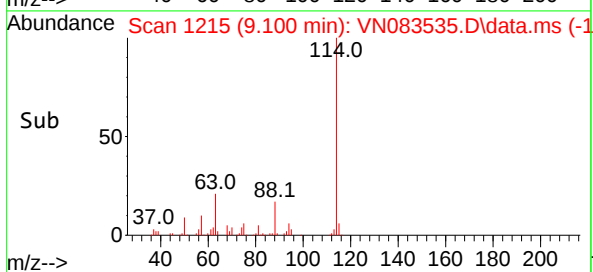
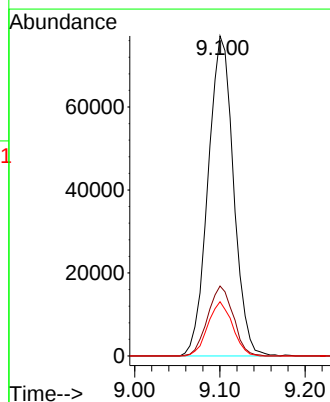
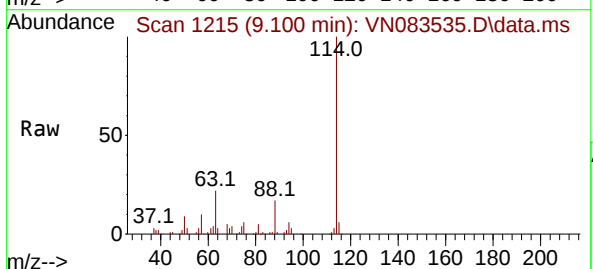
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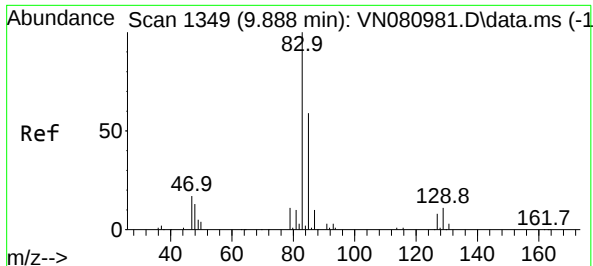
Tgt Ion: 65 Resp: 75372
Ion Ratio Lower Upper
65 100
67 50.8 43.2 64.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN083535.D
Acq: 28 Aug 2024 14:55

Tgt Ion: 114 Resp: 159992
Ion Ratio Lower Upper
114 100
63 21.9 15.9 23.9
88 16.3 12.7 19.1

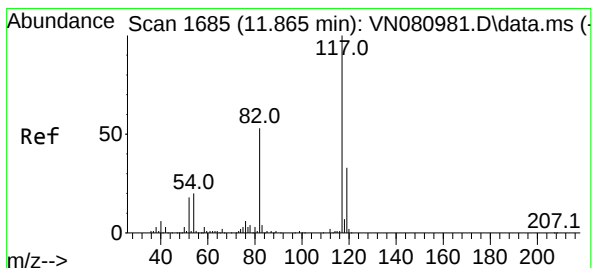
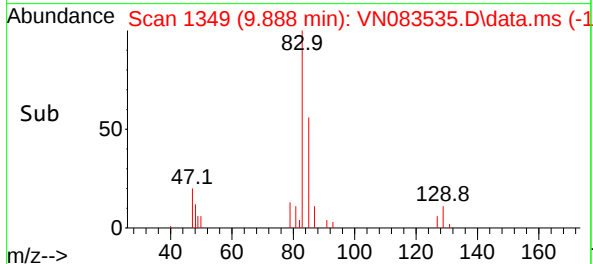
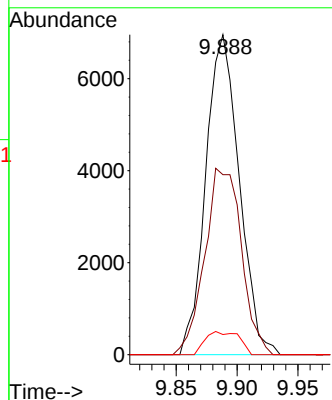
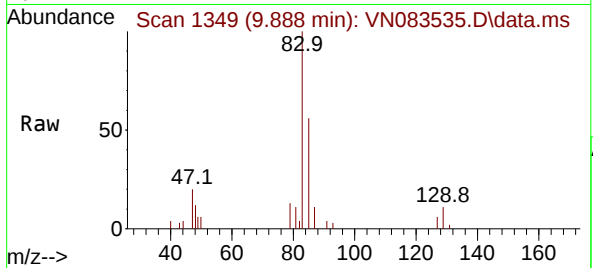




#41
Bromodichloromethane
Concen: 4.639 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN083535.D
Acq: 28 Aug 2024 14:55

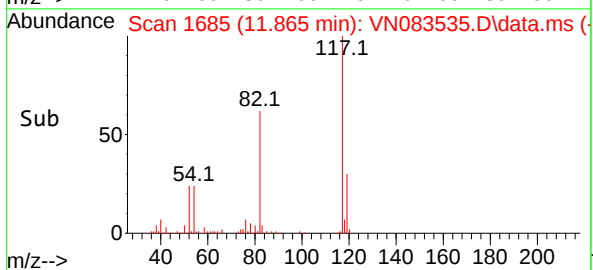
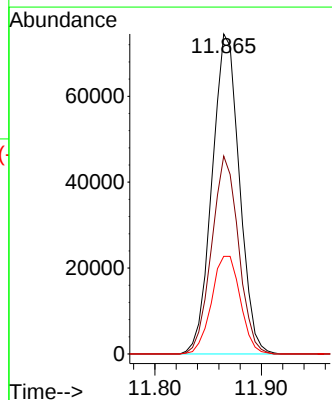
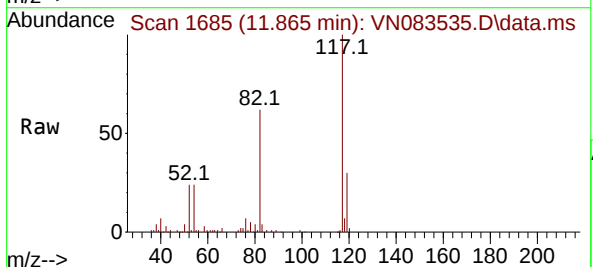
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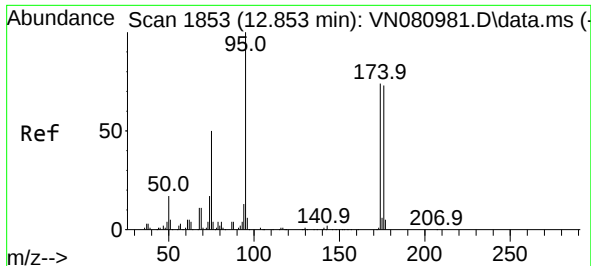
Tgt Ion: 83 Resp: 13328
Ion Ratio Lower Upper
83 100
85 56.3 49.4 74.2
127 6.3 7.3 10.9#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083535.D
Acq: 28 Aug 2024 14:55

Tgt Ion: 117 Resp: 132531
Ion Ratio Lower Upper
117 100
82 60.9 46.6 69.8
119 32.2 25.4 38.2

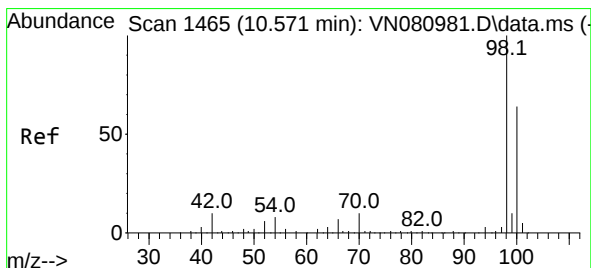
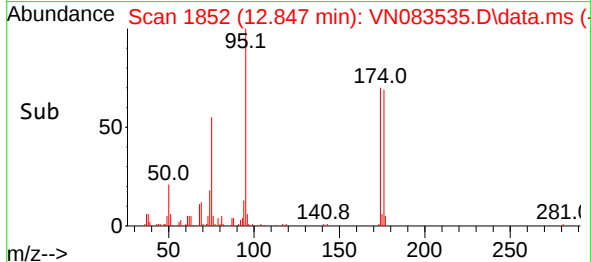
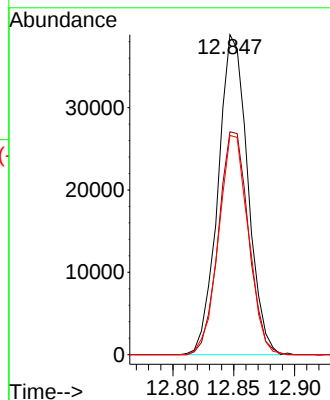
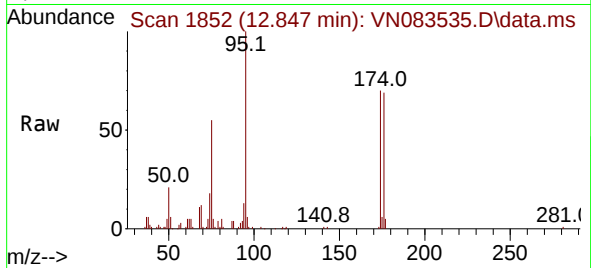




#60
4-Bromofluorobenzene
Concen: 28.090 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083535.D
Acq: 28 Aug 2024 14:55

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(JUNE)

Tgt Ion: 95 Resp: 65909
Ion Ratio Lower Upper
95 100
174 70.5 60.5 90.7
176 68.8 57.8 86.6



#63
Toluene-d8
Concen: 30.938 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN083535.D
Acq: 28 Aug 2024 14:55

Tgt Ion: 98 Resp: 189295
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1

