

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090823\
 Data File : VN079195.D
 Acq On : 08 Sep 2023 14:16
 Operator : JC\MD
 Sample : 04329-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 230905094-05

Quant Time: Sep 08 17:20:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 08 05:09:17 2023
 Response via : Initial Calibration

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

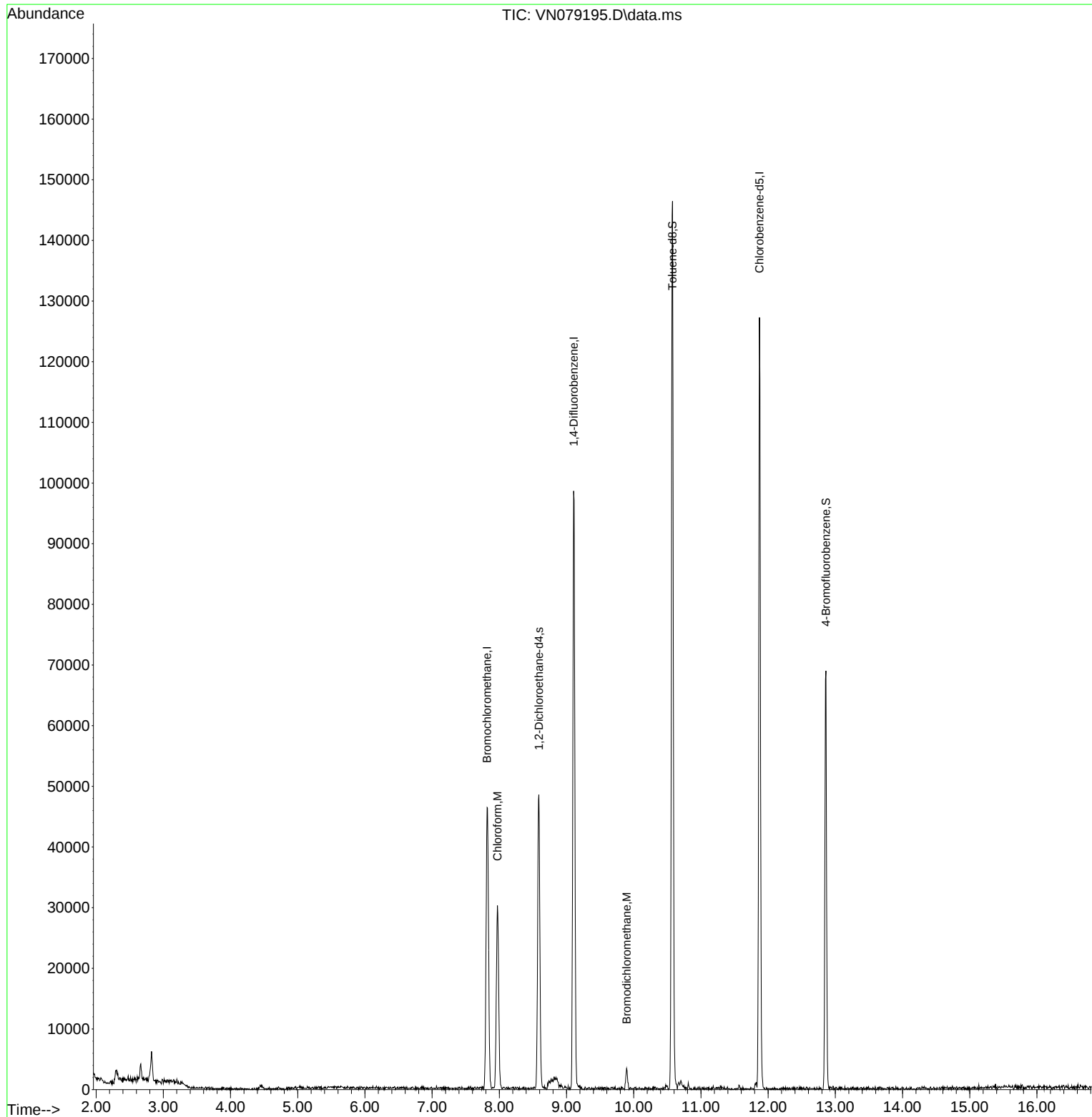
Internal Standards						
1) Bromochloromethane	7.818	128	17022	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	87190	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	76593	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	41247	32.252	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	107.500%
60) 4-Bromofluorobenzene	12.859	95	23752	21.046	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	70.167%
63) Toluene-d8	10.577	98	104774	29.271	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.567%
Target Compounds						
					Qvalue	
25) Chloroform	7.971	83	30415	14.991	ug/l	95
41) Bromodichloromethane	9.894	83	2976	1.976	ug/l #	92

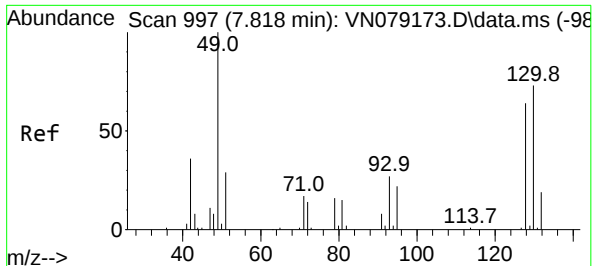
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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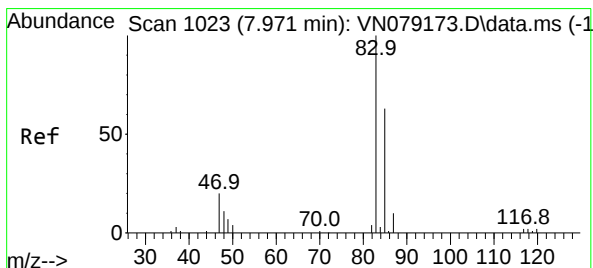
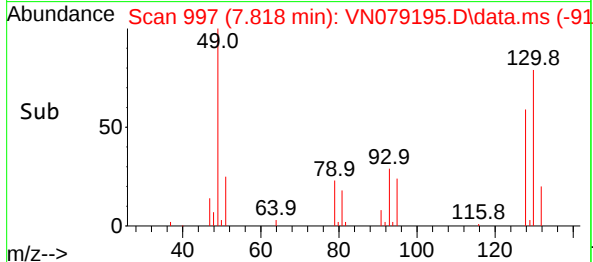
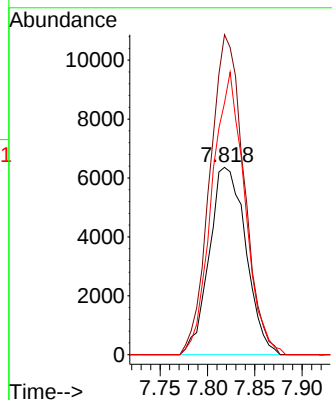
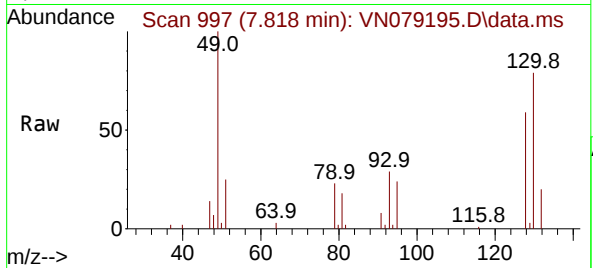




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN079195.D
Acq: 08 Sep 2023 14:16

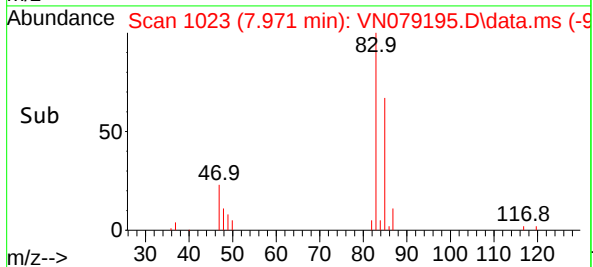
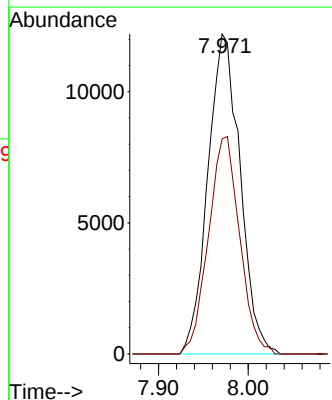
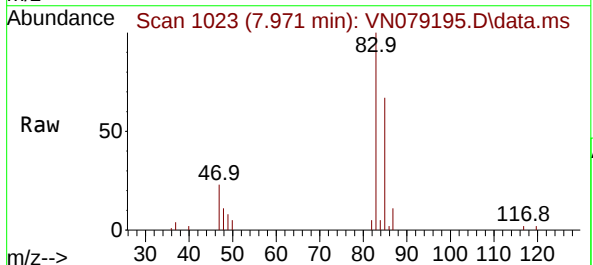
Instrument :
MSVOA_N
ClientSampleId :
230905094-05

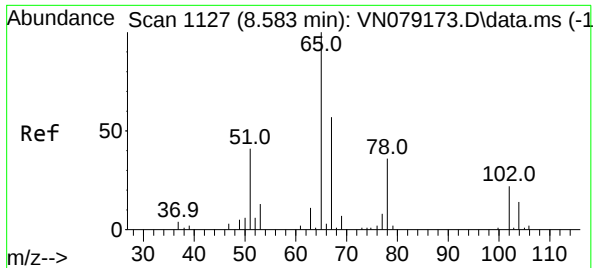
Tgt Ion:128 Resp: 17022
Ion Ratio Lower Upper
128 100
49 159.5 0.0 414.3
130 136.1 0.0 311.0



#25
Chloroform
Concen: 14.991 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN079195.D
Acq: 08 Sep 2023 14:16

Tgt Ion: 83 Resp: 30415
Ion Ratio Lower Upper
83 100
85 67.2 50.6 76.0

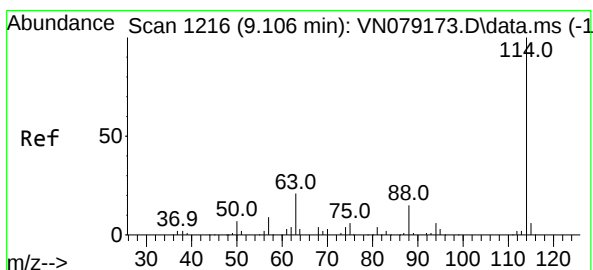
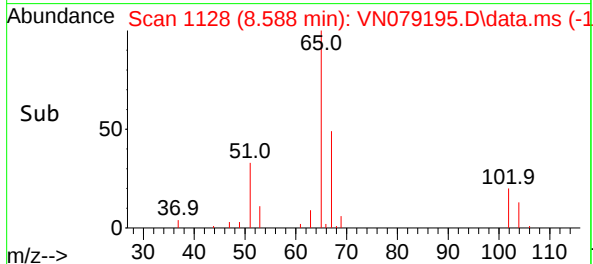
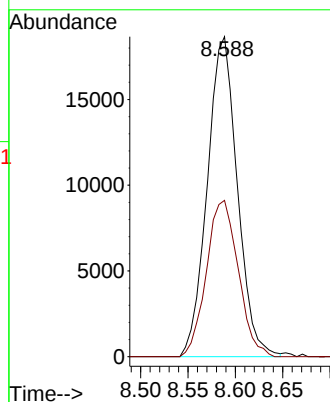
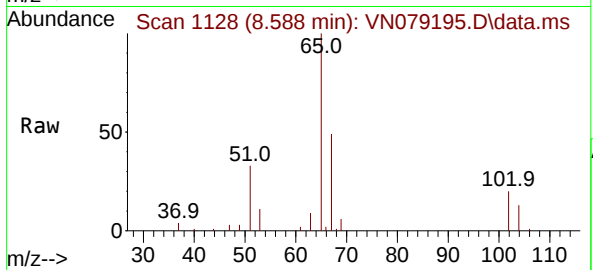




#27
1,2-Dichloroethane-d4
Concen: 32.252 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VN079195.D
Acq: 08 Sep 2023 14:16

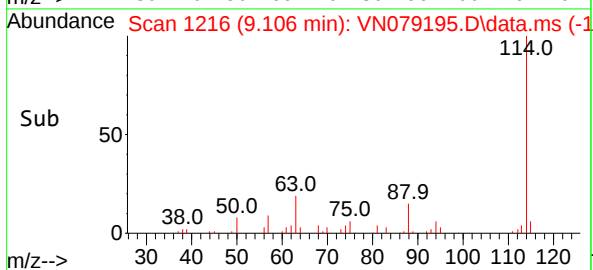
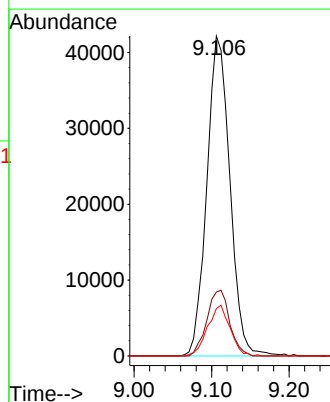
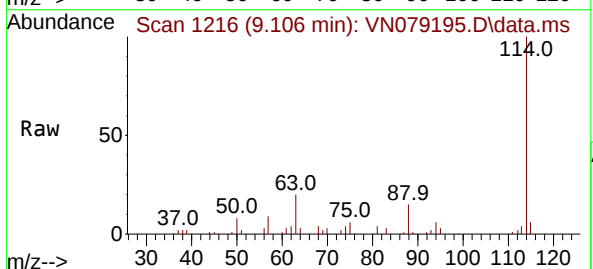
Instrument :
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ClientSampleId :
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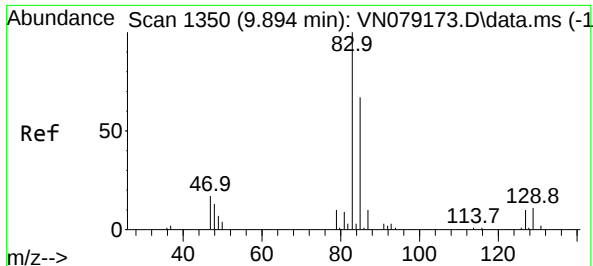
Tgt Ion: 65 Resp: 41247
Ion Ratio Lower Upper
65 100
67 51.6 44.4 66.6



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079195.D
Acq: 08 Sep 2023 14:16

Tgt Ion: 114 Resp: 87190
Ion Ratio Lower Upper
114 100
63 20.2 17.0 25.4
88 15.3 12.8 19.2

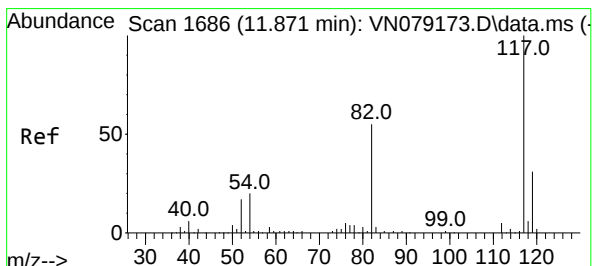
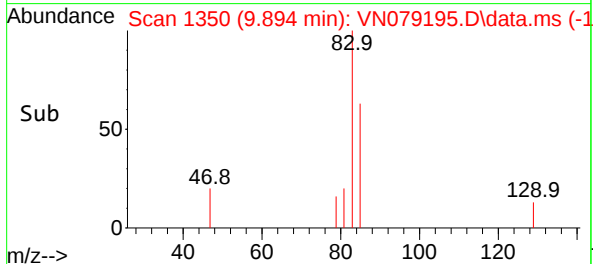
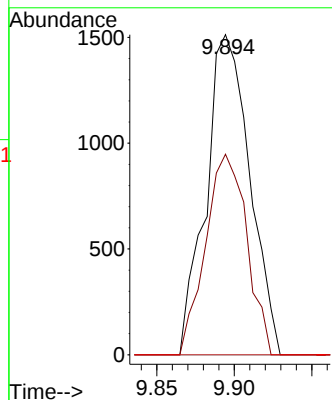
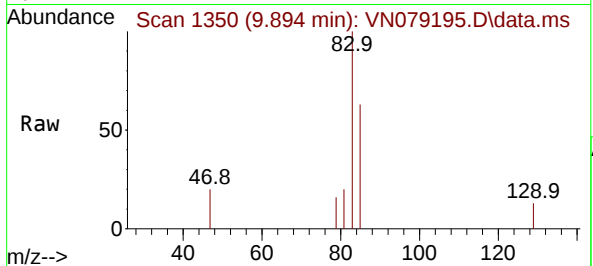




#41
Bromodichloromethane
Concen: 1.976 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079195.D
Acq: 08 Sep 2023 14:16

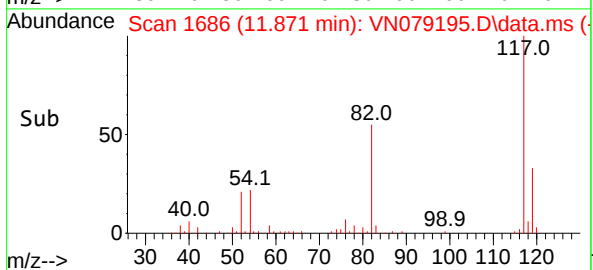
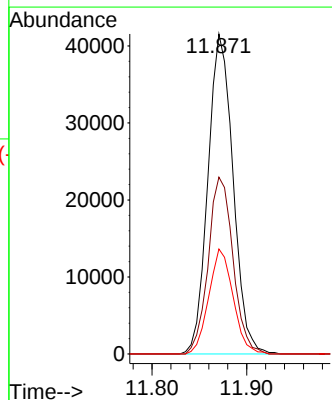
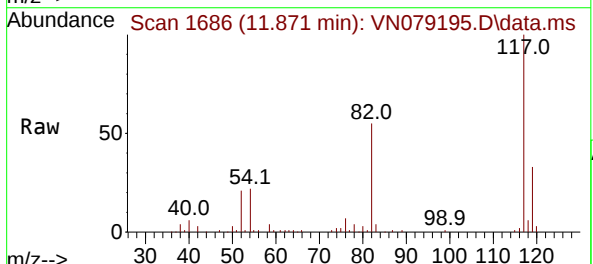
Instrument :
MSVOA_N
ClientSampleId :
230905094-05

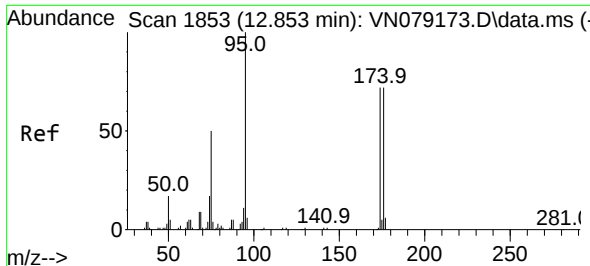
Tgt Ion: 83 Resp: 2976
Ion Ratio Lower Upper
83 100
85 62.7 53.4 80.2
127 0.0 8.3 12.5#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079195.D
Acq: 08 Sep 2023 14:16

Tgt Ion: 117 Resp: 76593
Ion Ratio Lower Upper
117 100
82 54.6 44.7 67.1
119 31.8 24.9 37.3

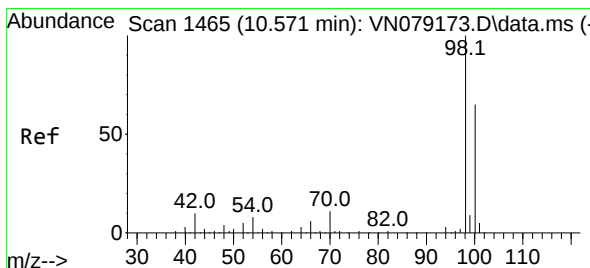
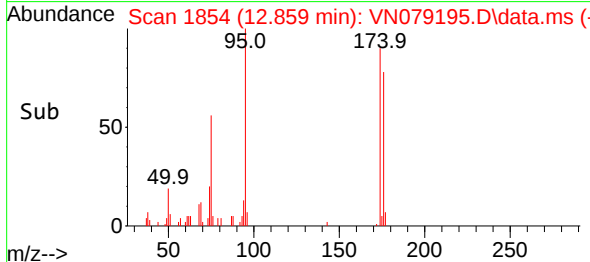
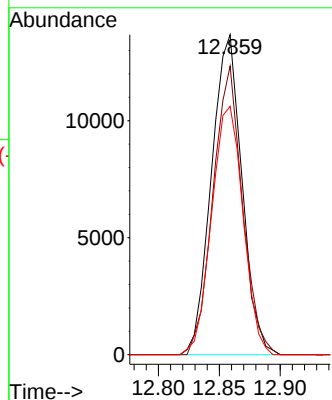
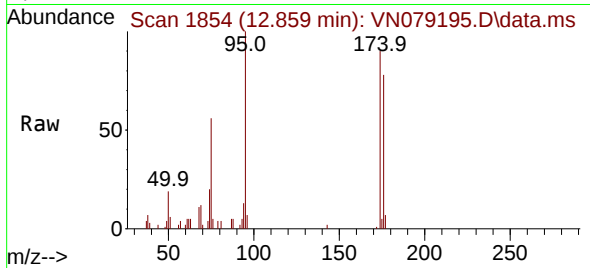




#60
4-Bromofluorobenzene
Concen: 21.046 ug/l
RT: 12.859 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079195.D
Acq: 08 Sep 2023 14:16

Instrument :
MSVOA_N
ClientSampleId :
230905094-05

Tgt Ion: 95 Resp: 23752
Ion Ratio Lower Upper
95 100
174 87.0 59.5 89.3
176 80.2 59.1 88.7



#63
Toluene-d8
Concen: 29.271 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN079195.D
Acq: 08 Sep 2023 14:16

Tgt Ion: 98 Resp: 104774
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7

