

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021023\
 Data File : VN076607.D
 Acq On : 10 Feb 2023 14:20
 Operator : JC\MD
 Sample : 01457-02 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-2

Quant Time: Feb 11 00:56:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020923W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 10 05:40:47 2023
 Response via : Initial Calibration

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

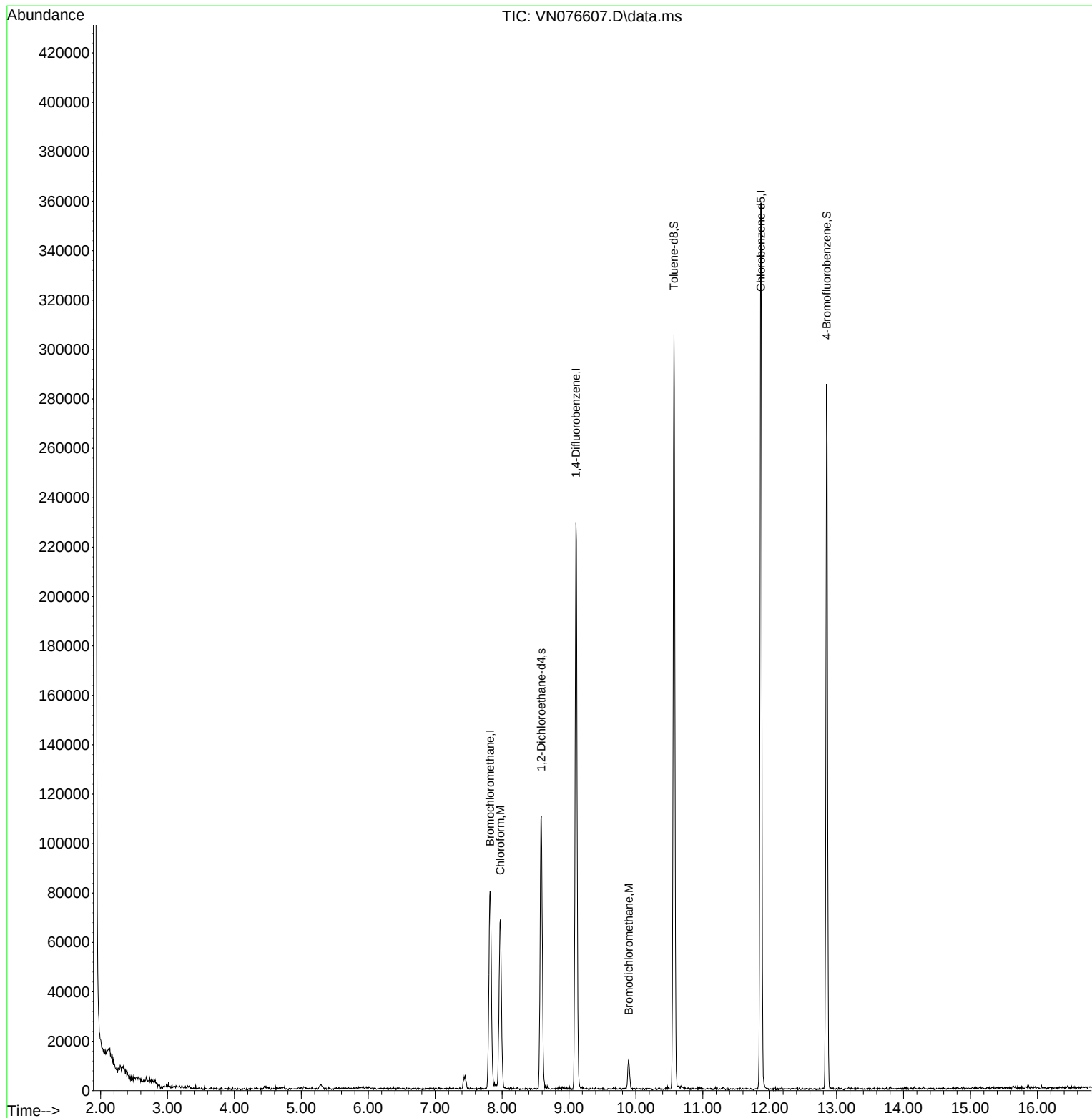
Internal Standards						
1) Bromochloromethane	7.822	128	26232	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.104	114	182631	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.869	117	192017	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.586	65	95291	30.821	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.733%
60) 4-Bromofluorobenzene	12.851	95	101893	23.505	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	78.333%
63) Toluene-d8	10.569	98	200604	28.453	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	94.833%
Target Compounds						
					Qvalue	
25) Chloroform	7.975	83	67905	9.767	ug/l	84
41) Bromodichloromethane	9.892	83	7616	1.588	ug/l #	89

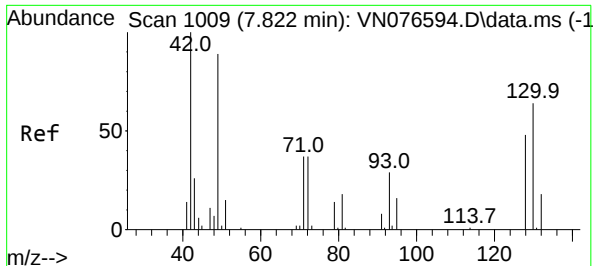
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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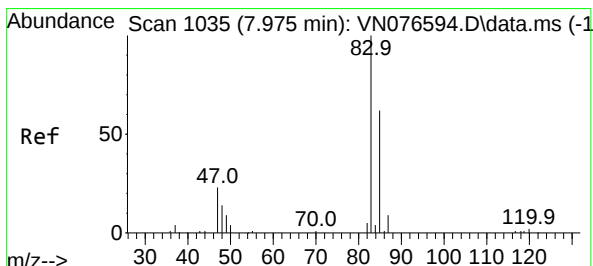
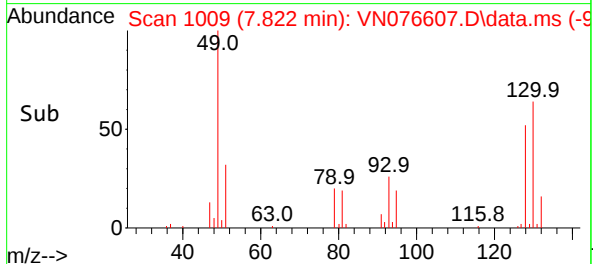
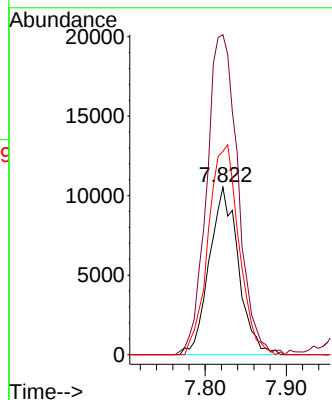
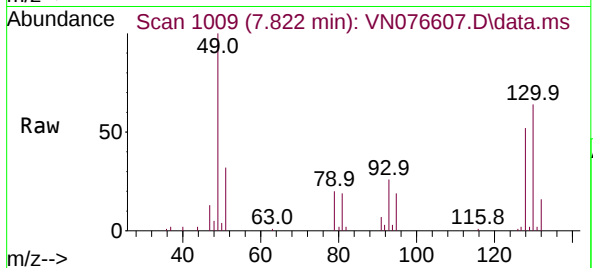




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.822 min Scan# 1009
Delta R.T. -0.008 min
Lab File: VN076607.D
Acq: 10 Feb 2023 14:20

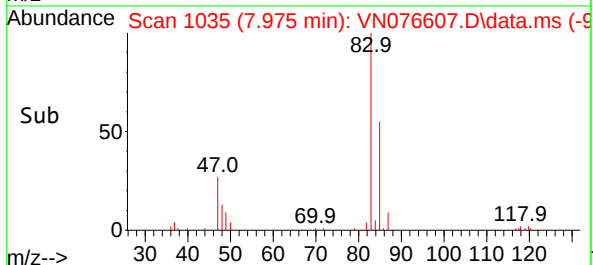
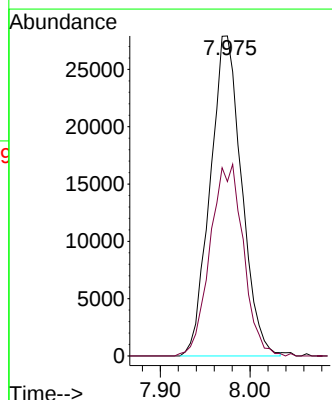
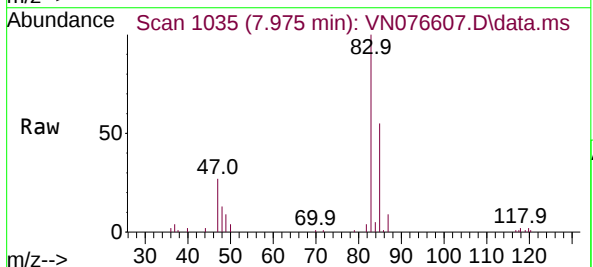
Instrument :
MSVOA_N
ClientSampleId :
14B-2

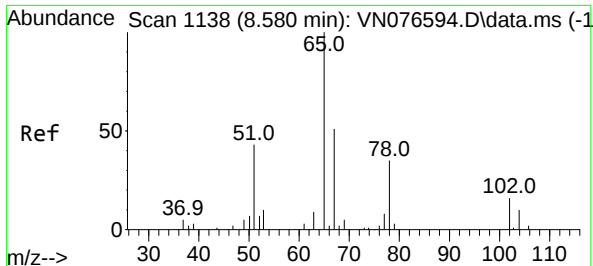
Tgt Ion:128 Resp: 26232
Ion Ratio Lower Upper
128 100
49 204.5 0.0 492.0
130 132.3 0.0 313.3



#25
Chloroform
Concen: 9.767 ug/l
RT: 7.975 min Scan# 1035
Delta R.T. -0.002 min
Lab File: VN076607.D
Acq: 10 Feb 2023 14:20

Tgt Ion: 83 Resp: 67905
Ion Ratio Lower Upper
83 100
85 53.8 53.6 80.4





#27

1,2-Dichloroethane-d4

Concen: 30.821 ug/l

RT: 8.586 min Scan# 1139

Delta R.T. -0.002 min

Lab File: VN076607.D

Acq: 10 Feb 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

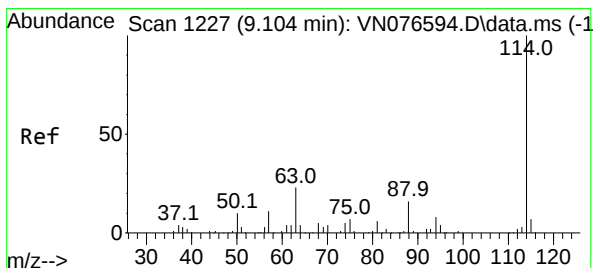
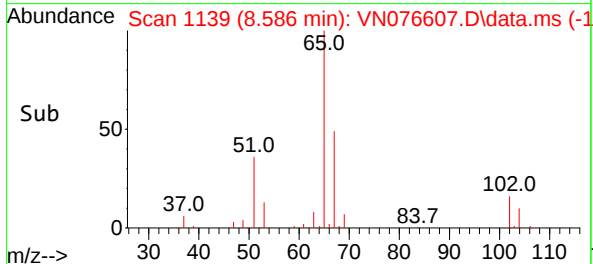
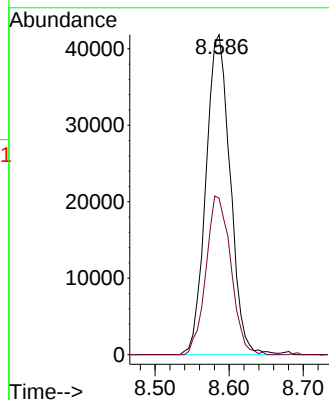
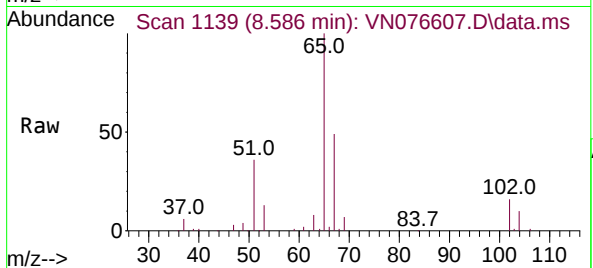
14B-2

Tgt Ion: 65 Resp: 95291

Ion Ratio Lower Upper

65 100

67 50.7 45.2 67.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.104 min Scan# 1227

Delta R.T. -0.002 min

Lab File: VN076607.D

Acq: 10 Feb 2023 14:20

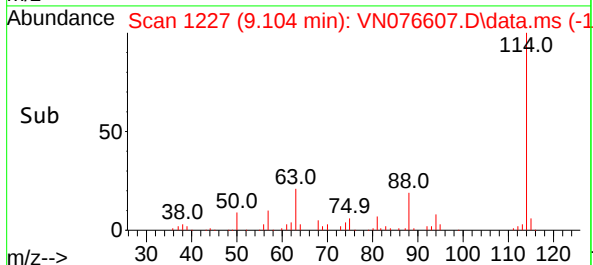
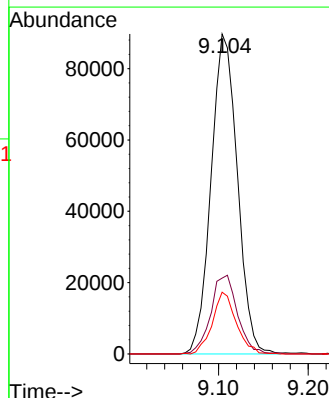
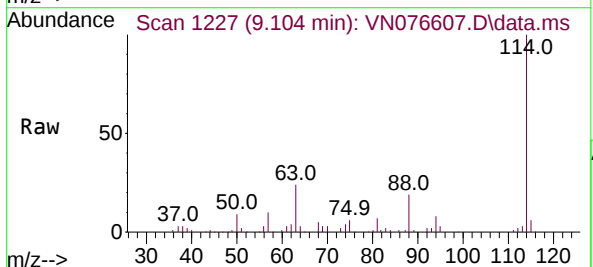
Tgt Ion: 114 Resp: 182631

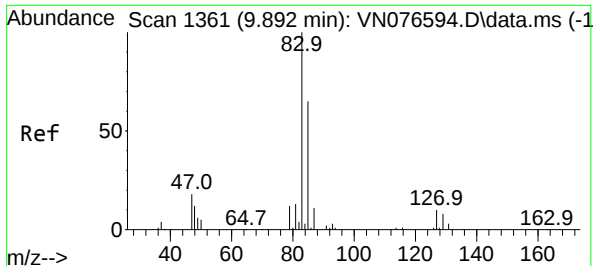
Ion Ratio Lower Upper

114 100

63 25.0 16.6 25.0

88 17.5 12.2 18.4

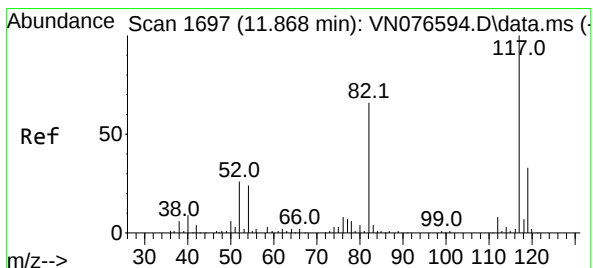
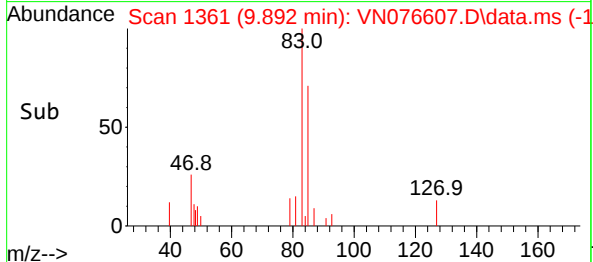
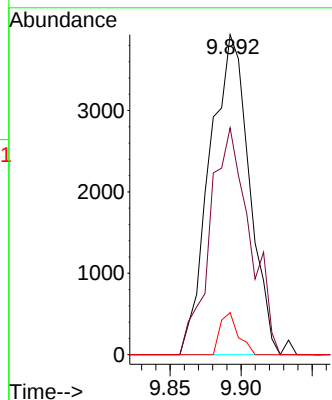
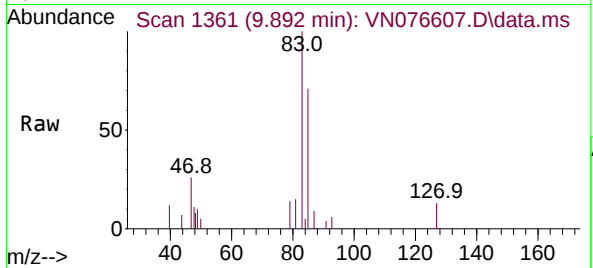




#41
Bromodichloromethane
Concen: 1.588 ug/l
RT: 9.892 min Scan# 1361
Delta R.T. 0.004 min
Lab File: VN076607.D
Acq: 10 Feb 2023 14:20

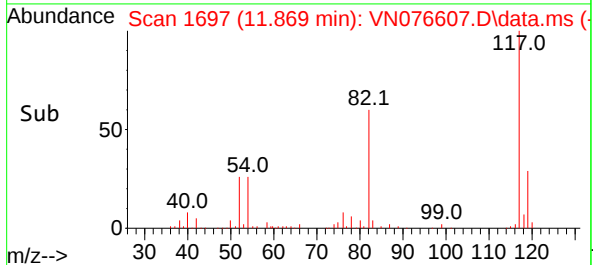
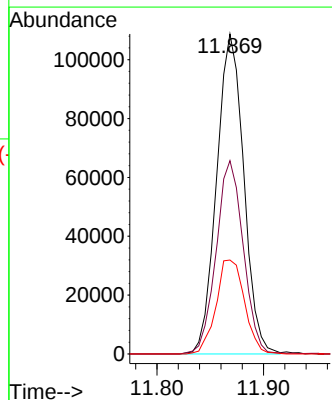
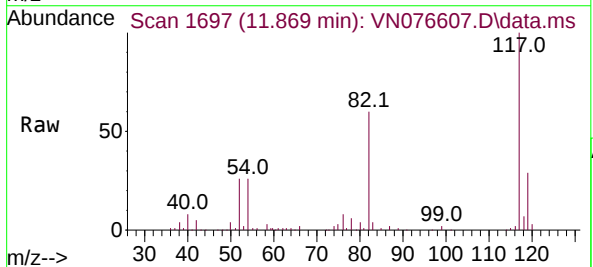
Instrument :
MSVOA_N
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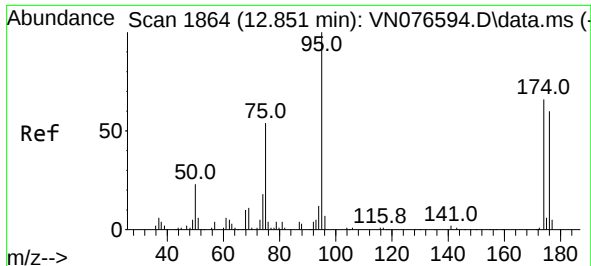
Tgt Ion: 83 Resp: 7616
Ion Ratio Lower Upper
83 100
85 70.9 50.2 75.4
127 13.2 5.1 7.7#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.869 min Scan# 1697
Delta R.T. -0.002 min
Lab File: VN076607.D
Acq: 10 Feb 2023 14:20

Tgt Ion: 117 Resp: 192017
Ion Ratio Lower Upper
117 100
82 60.5 44.6 67.0
119 30.8 25.6 38.4

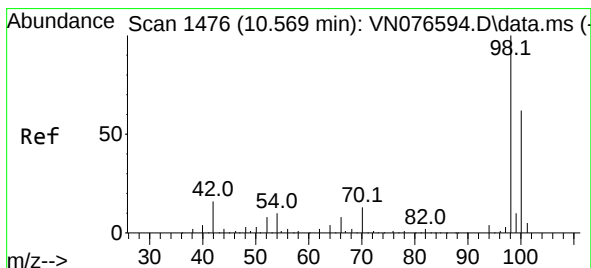
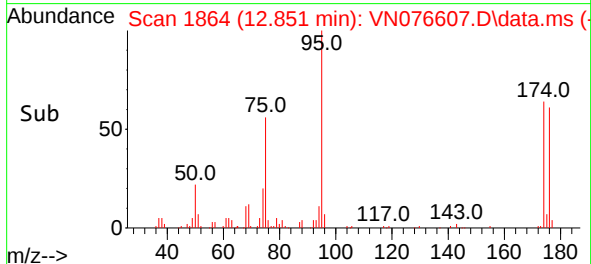
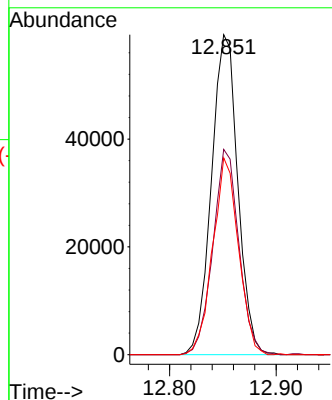
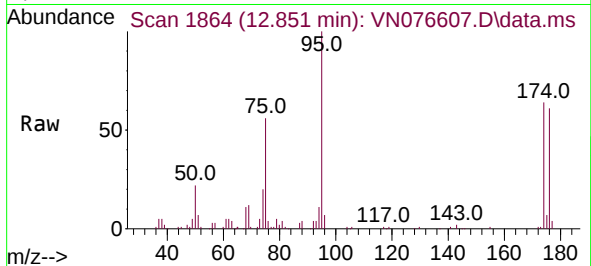




#60
4-Bromofluorobenzene
Concen: 23.505 ug/l
RT: 12.851 min Scan# 1864
Delta R.T. -0.002 min
Lab File: VN076607.D
Acq: 10 Feb 2023 14:20

Instrument :
MSVOA_N
ClientSampleId :
14B-2

Tgt Ion: 95 Resp: 101893
Ion Ratio Lower Upper
95 100
174 63.3 57.8 86.8
176 60.0 57.0 85.4



#63
Toluene-d8
Concen: 28.453 ug/l
RT: 10.569 min Scan# 1476
Delta R.T. -0.002 min
Lab File: VN076607.D
Acq: 10 Feb 2023 14:20

Tgt Ion: 98 Resp: 200604
Ion Ratio Lower Upper
98 100
100 65.8 52.7 79.1

