

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021023\
 Data File : VN076612.D
 Acq On : 10 Feb 2023 16:21
 Operator : JC\MD
 Sample : 01469-03 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3

Quant Time: Feb 11 00:57:45 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)

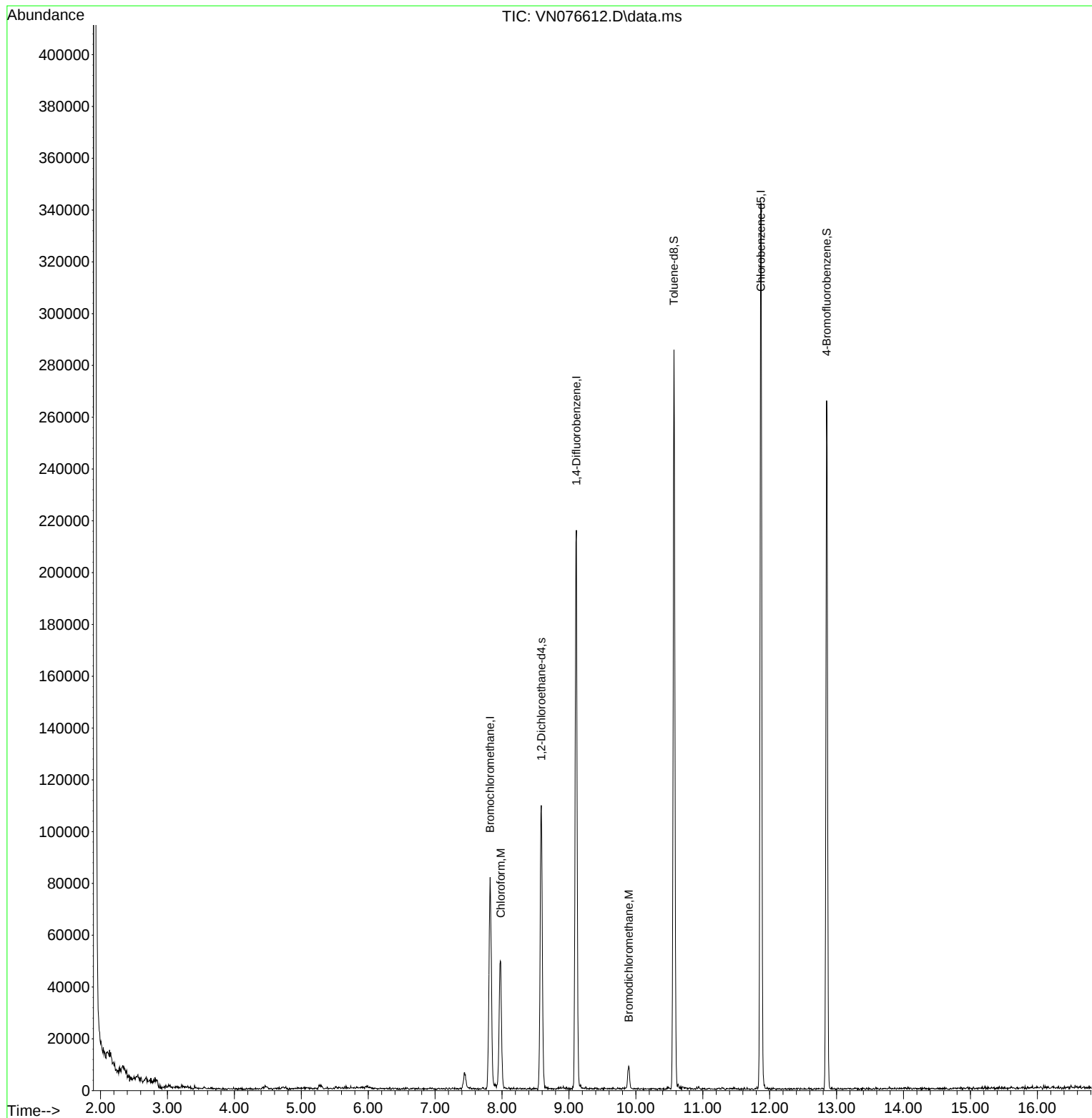
Internal Standards						
1) Bromochloromethane	7.822	128	25447	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.110	114	167332	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.869	117	176780	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.586	65	93976	31.333	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.433%
60) 4-Bromofluorobenzene	12.851	95	90478	22.671	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	75.567%
63) Toluene-d8	10.569	98	182320	28.088	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	93.633%
Target Compounds						
					Qvalue	
25) Chloroform	7.981	83	48223	7.150	ug/l	88
41) Bromodichloromethane	9.892	83	6827	1.554	ug/l #	87

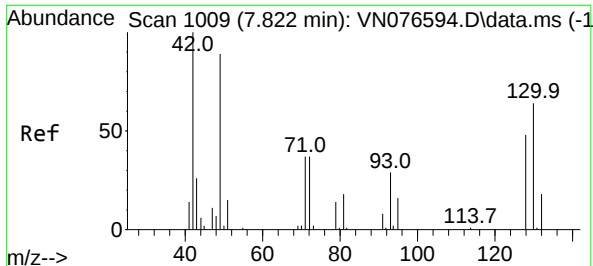
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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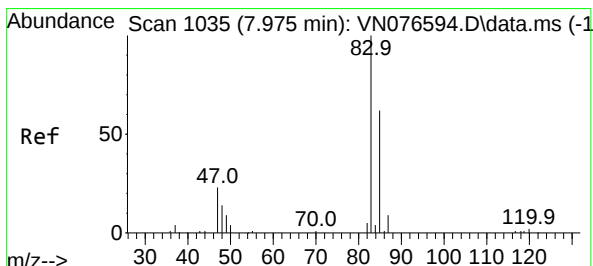
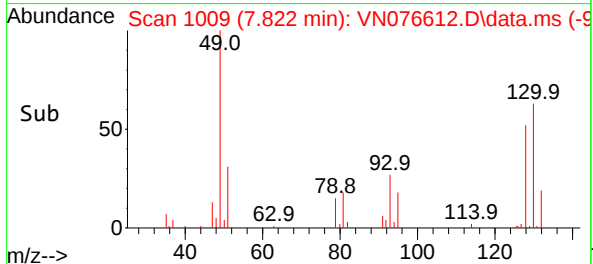
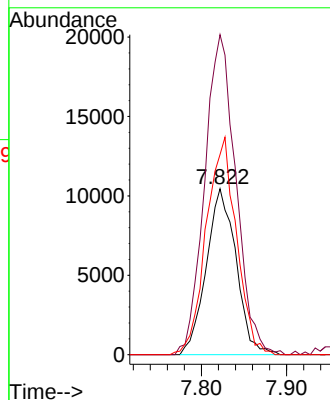
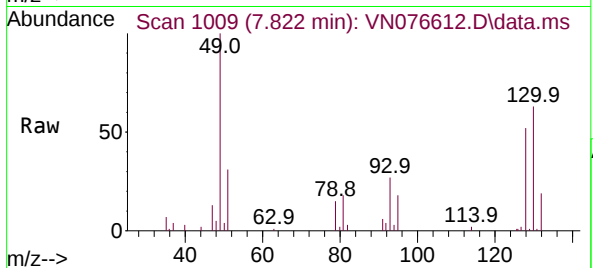




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.822 min Scan# 1009
Delta R.T. -0.008 min
Lab File: VN076612.D
Acq: 10 Feb 2023 16:21

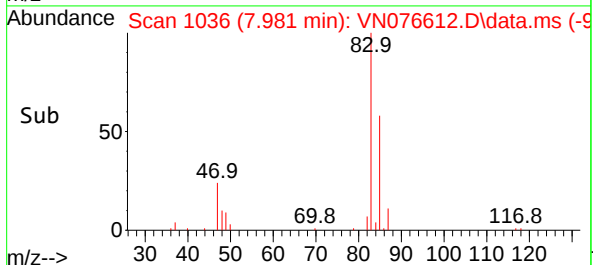
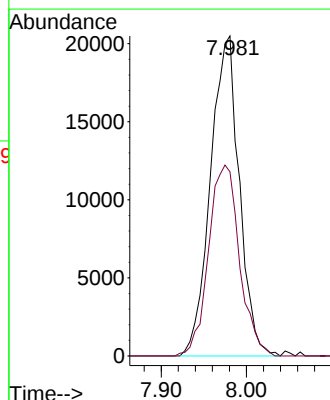
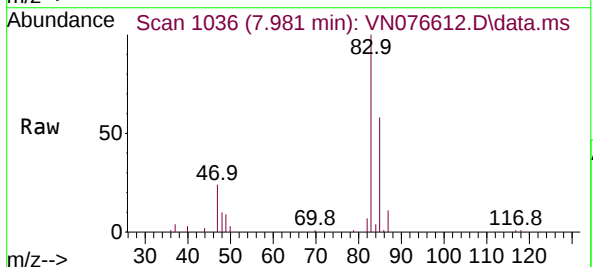
Instrument :
MSVOA_N
ClientSampleId :
14B-3

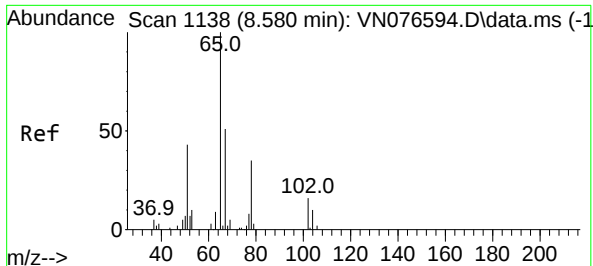
Tgt Ion:128 Resp: 25447
Ion Ratio Lower Upper
128 100
49 202.2 0.0 492.0
130 133.2 0.0 313.3



#25
Chloroform
Concen: 7.150 ug/l
RT: 7.981 min Scan# 1036
Delta R.T. 0.004 min
Lab File: VN076612.D
Acq: 10 Feb 2023 16:21

Tgt Ion: 83 Resp: 48223
Ion Ratio Lower Upper
83 100
85 57.5 53.6 80.4





#27

1,2-Dichloroethane-d4

Concen: 31.333 ug/l

RT: 8.586 min Scan# 1138

Delta R.T. -0.002 min

Lab File: VN076612.D

Acq: 10 Feb 2023 16:21

Instrument :

MSVOA_N

ClientSampleId :

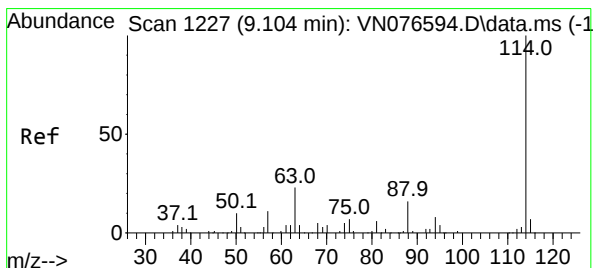
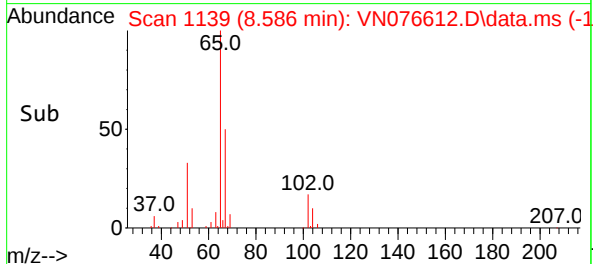
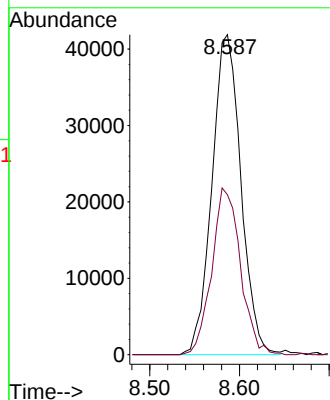
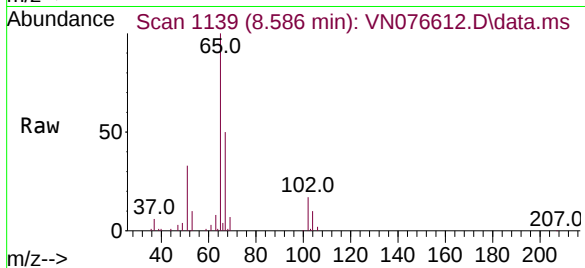
14B-3

Tgt Ion: 65 Resp: 93976

Ion Ratio Lower Upper

65 100

67 51.4 45.2 67.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.110 min Scan# 1228

Delta R.T. 0.004 min

Lab File: VN076612.D

Acq: 10 Feb 2023 16:21

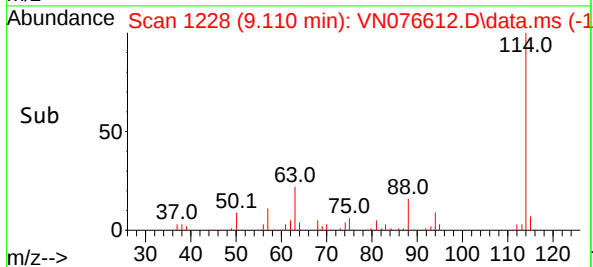
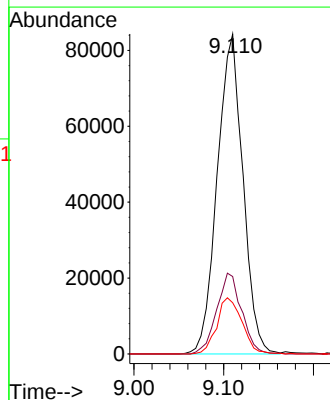
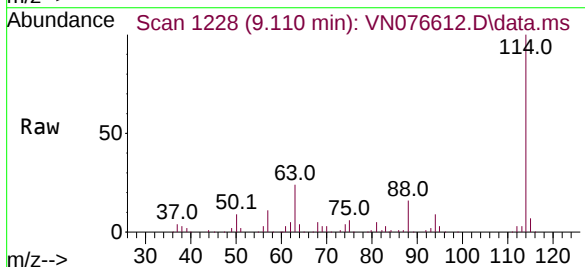
Tgt Ion: 114 Resp: 167332

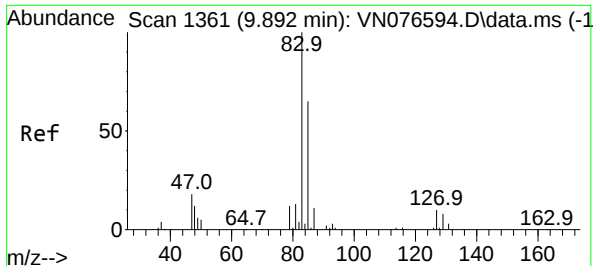
Ion Ratio Lower Upper

114 100

63 24.5 16.6 25.0

88 17.2 12.2 18.4

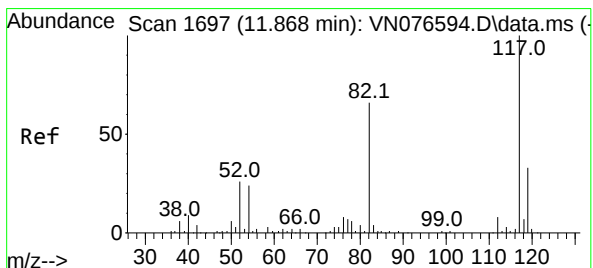
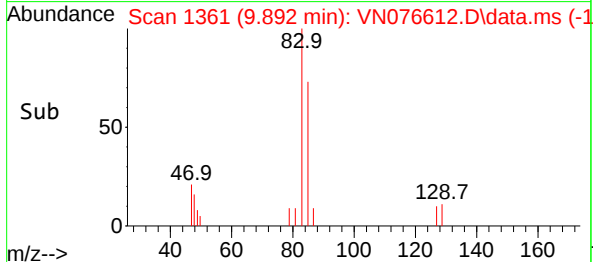
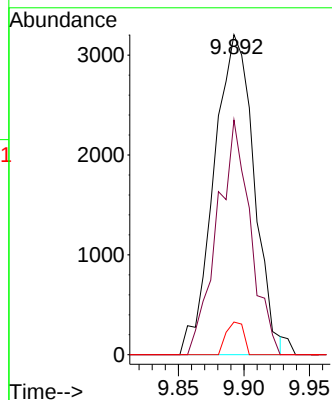
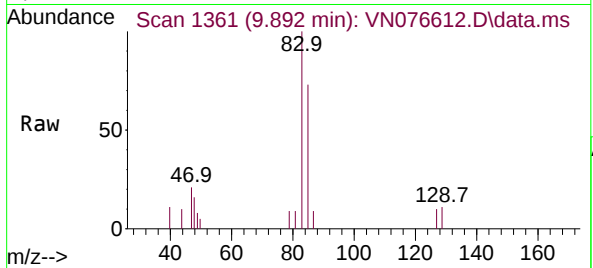




#41
Bromodichloromethane
Concen: 1.554 ug/l
RT: 9.892 min Scan# 1361
Delta R.T. 0.004 min
Lab File: VN076612.D
Acq: 10 Feb 2023 16:21

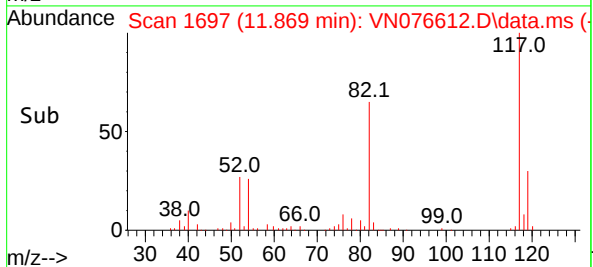
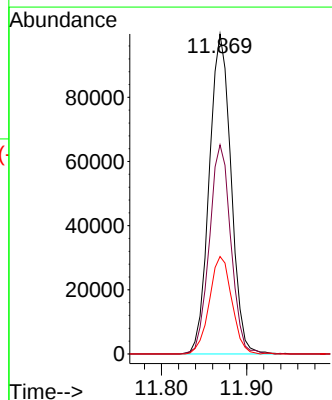
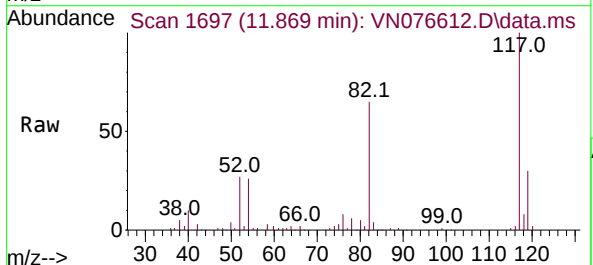
Instrument :
MSVOA_N
ClientSampleId :
14B-3

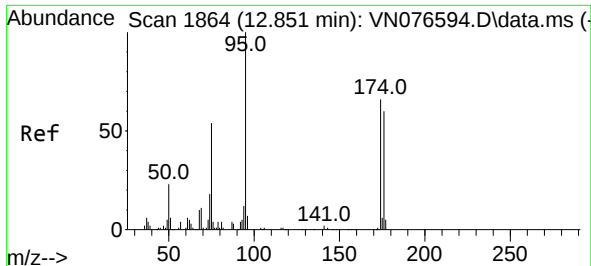
Tgt Ion: 83 Resp: 6827
Ion Ratio Lower Upper
83 100
85 73.4 50.2 75.4
127 10.2 5.1 7.7#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.869 min Scan# 1697
Delta R.T. -0.002 min
Lab File: VN076612.D
Acq: 10 Feb 2023 16:21

Tgt Ion: 117 Resp: 176780
Ion Ratio Lower Upper
117 100
82 64.6 44.6 67.0
119 31.4 25.6 38.4

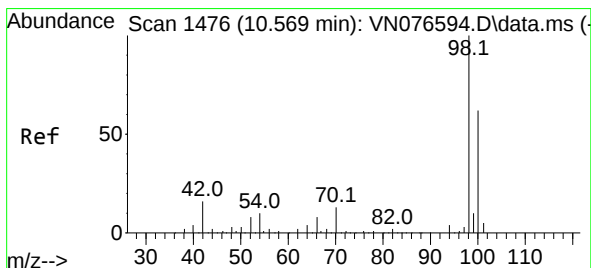
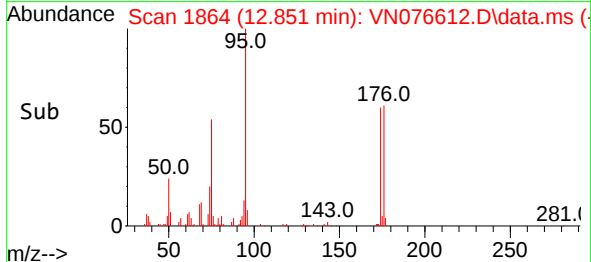
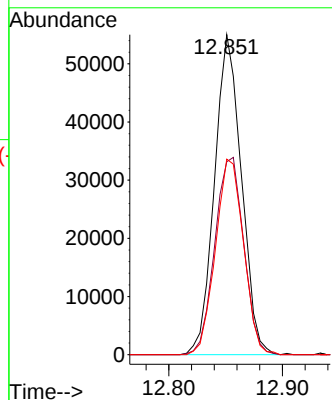
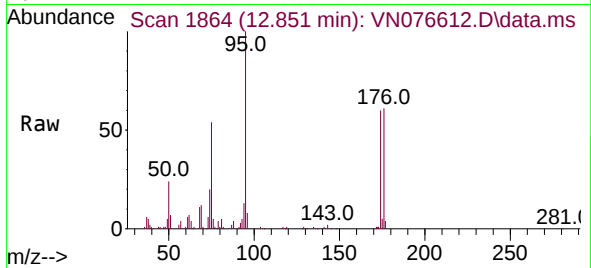




#60
4-Bromofluorobenzene
Concen: 22.671 ug/l
RT: 12.851 min Scan# 1864
Delta R.T. -0.002 min
Lab File: VN076612.D
Acq: 10 Feb 2023 16:21

Instrument :
MSVOA_N
ClientSampleId :
14B-3

Tgt Ion: 95 Resp: 90478
Ion Ratio Lower Upper
95 100
174 66.3 57.8 86.8
176 63.8 57.0 85.4



#63
Toluene-d8
Concen: 28.088 ug/l
RT: 10.569 min Scan# 1476
Delta R.T. -0.002 min
Lab File: VN076612.D
Acq: 10 Feb 2023 16:21

Tgt Ion: 98 Resp: 182320
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1

