

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021723\
 Data File : VN076738.D
 Acq On : 17 Feb 2023 16:40
 Operator : JC\MD
 Sample : 01547-04RE 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4RE

Quant Time: Feb 18 02:11:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Feb 16 01:08:46 2023
 Response via : Initial Calibration

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

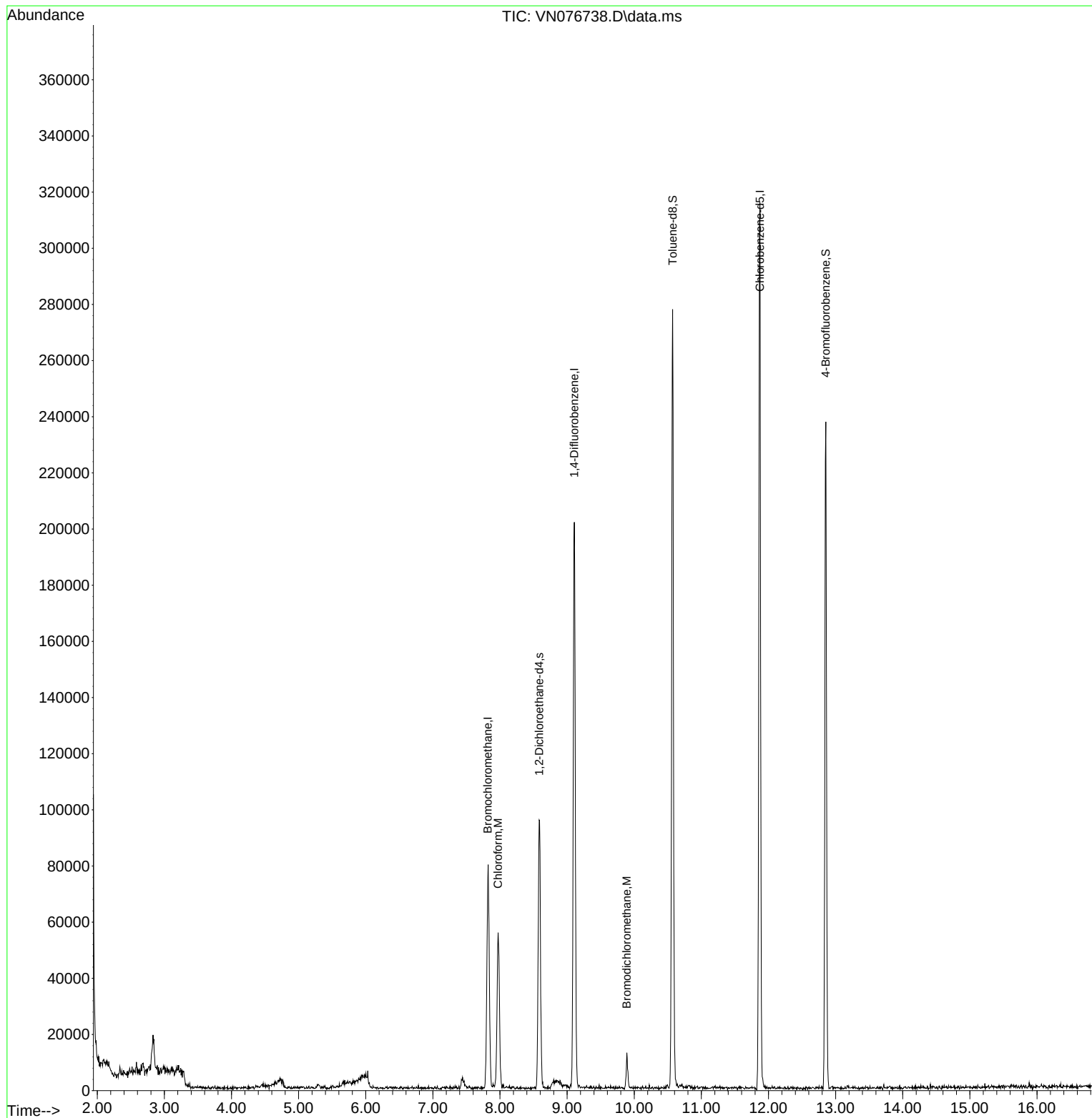
Internal Standards						
1) Bromochloromethane	7.819	128	24096	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	167870	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.872	117	177407	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	75678	34.339	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	114.467%#
60) 4-Bromofluorobenzene	12.854	95	74934	23.880	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	79.600%
63) Toluene-d8	10.572	98	183586	29.544	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.467%
Target Compounds						
25) Chloroform	7.972	83	51033	9.885	ug/l	Qvalue 91
41) Bromodichloromethane	9.889	83	6482	1.595	ug/l #	98

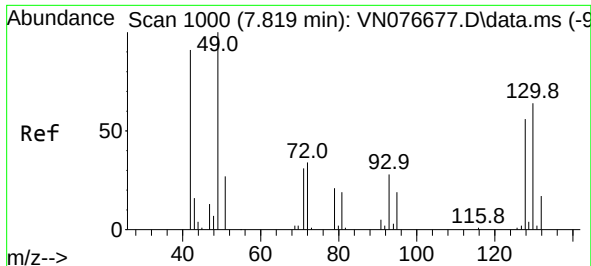
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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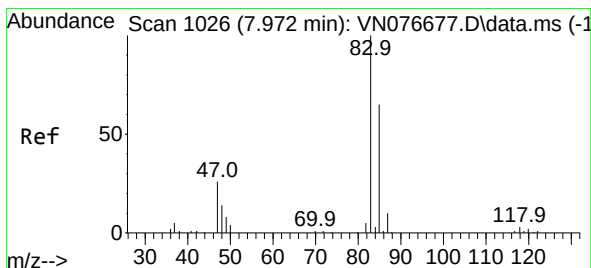
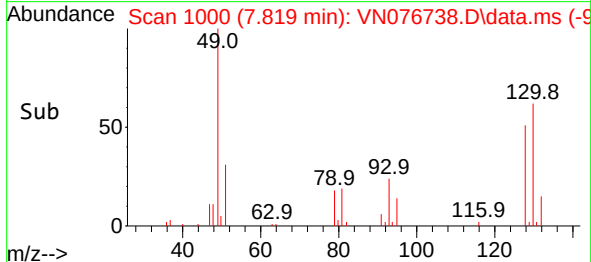
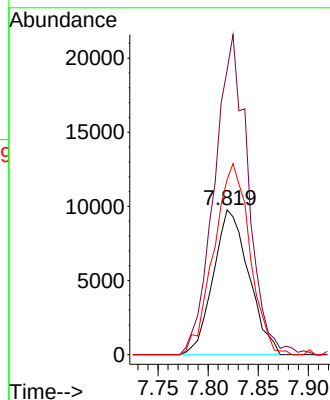
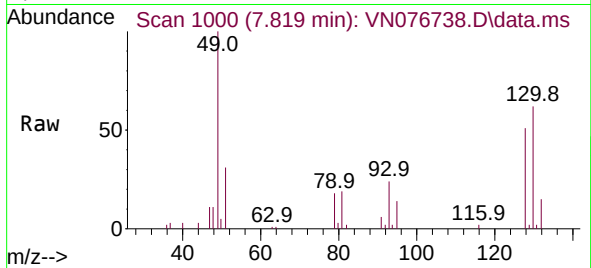




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN076738.D
Acq: 17 Feb 2023 16:40

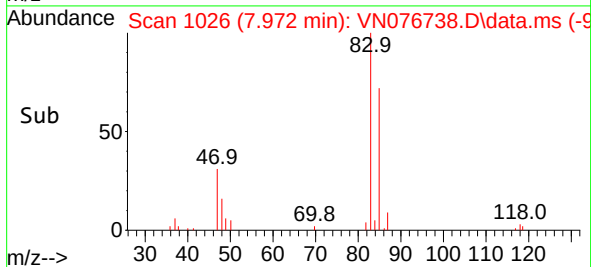
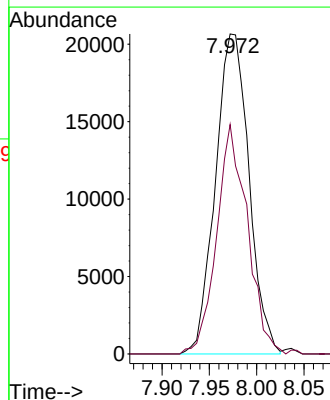
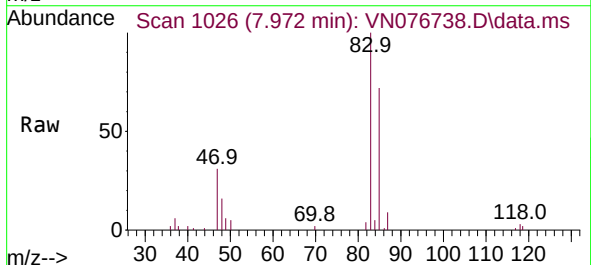
Instrument :
MSVOA_N
ClientSampleId :
14B-4RE

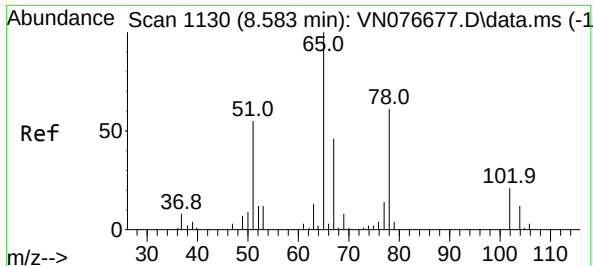
Tgt Ion:128 Resp: 24096
Ion Ratio Lower Upper
128 100
49 207.5 0.0 461.8
130 133.3 0.0 295.3



#25
Chloroform
Concen: 9.885 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VN076738.D
Acq: 17 Feb 2023 16:40

Tgt Ion: 83 Resp: 51033
Ion Ratio Lower Upper
83 100
85 71.7 51.8 77.6





#27

1,2-Dichloroethane-d4

Concen: 34.339 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN076738.D

Acq: 17 Feb 2023 16:40

Instrument :

MSVOA_N

ClientSampleId :

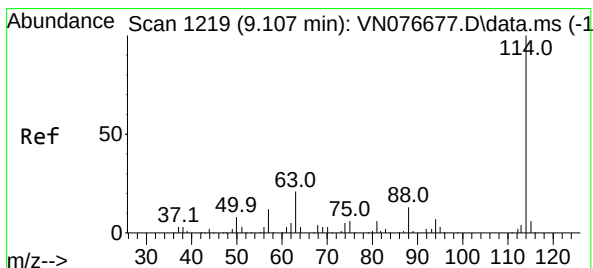
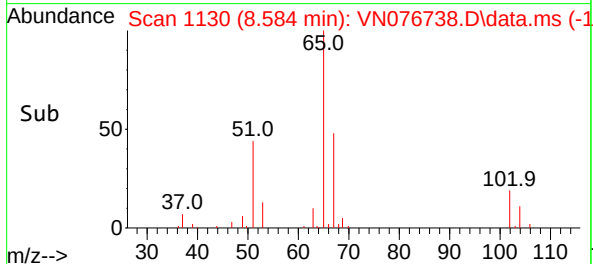
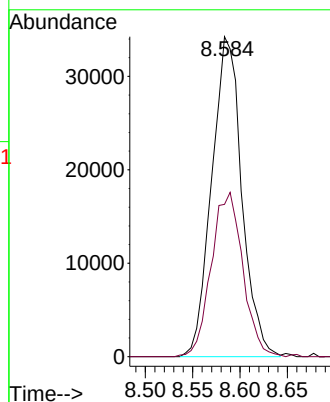
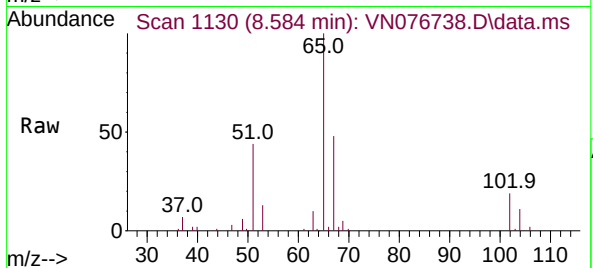
14B-4RE

Tgt Ion: 65 Resp: 75678

Ion Ratio Lower Upper

65 100

67 53.7 40.9 61.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN076738.D

Acq: 17 Feb 2023 16:40

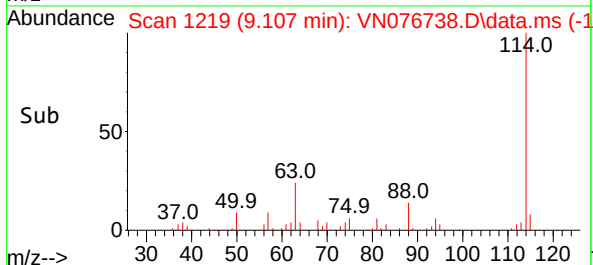
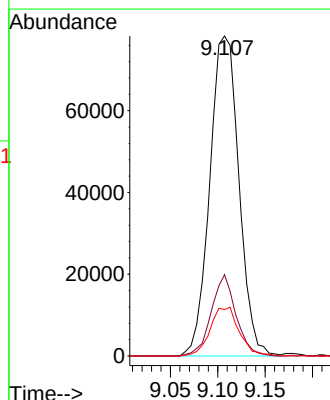
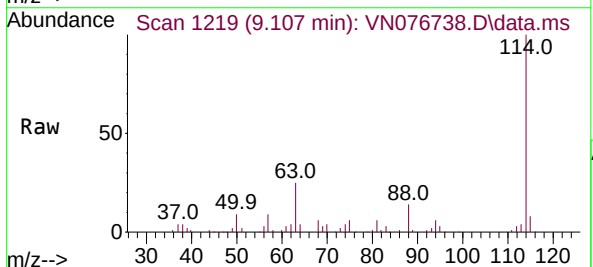
Tgt Ion: 114 Resp: 167870

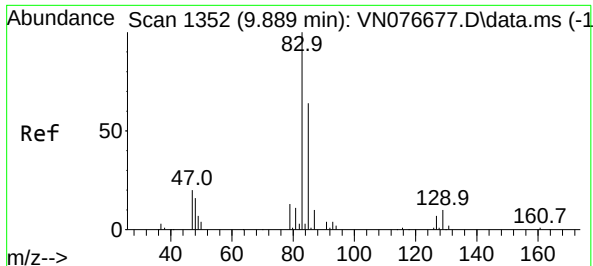
Ion Ratio Lower Upper

114 100

63 21.5 17.0 25.4

88 15.1 11.6 17.4

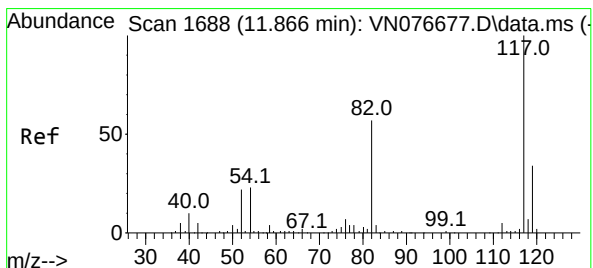
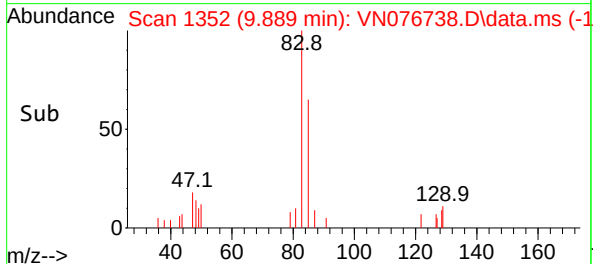
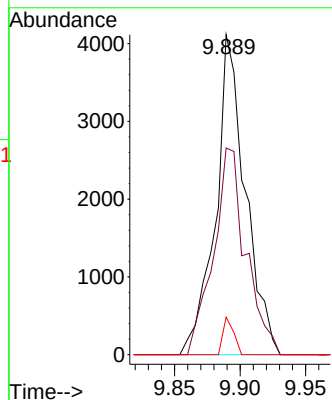
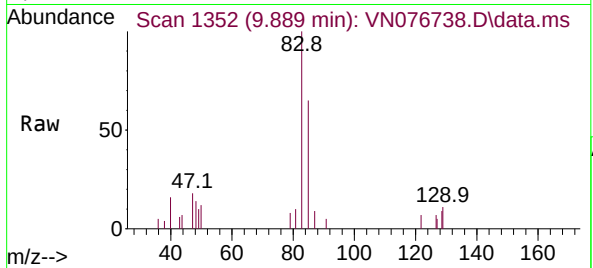




#41
Bromodichloromethane
Concen: 1.595 ug/l
RT: 9.889 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076738.D
Acq: 17 Feb 2023 16:40

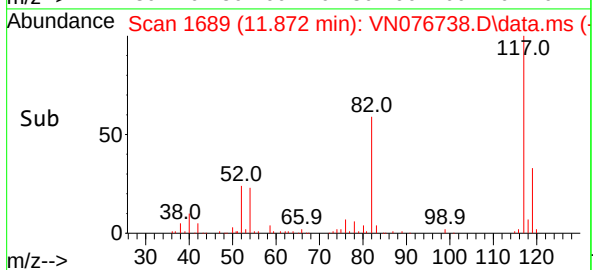
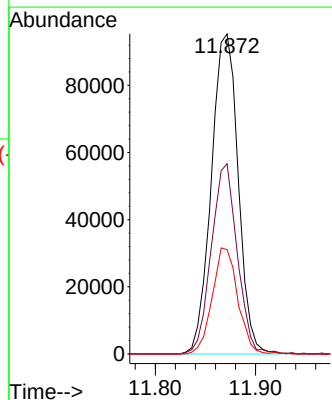
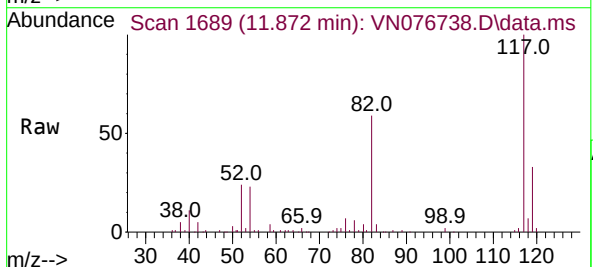
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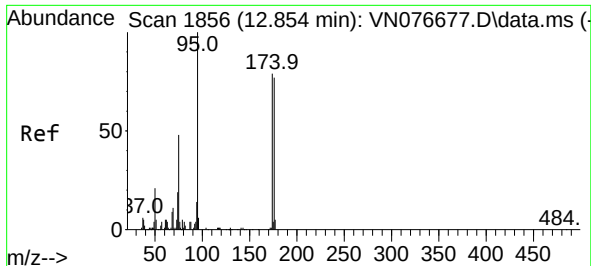
Tgt Ion: 83 Resp: 6482
Ion Ratio Lower Upper
83 100
85 64.6 51.0 76.4
127 11.7 6.2 9.2#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN076738.D
Acq: 17 Feb 2023 16:40

Tgt Ion: 117 Resp: 177407
Ion Ratio Lower Upper
117 100
82 57.4 45.4 68.0
119 31.4 26.8 40.2

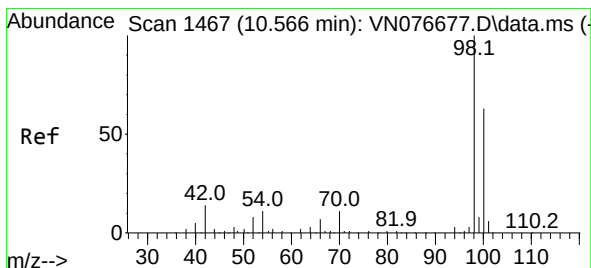
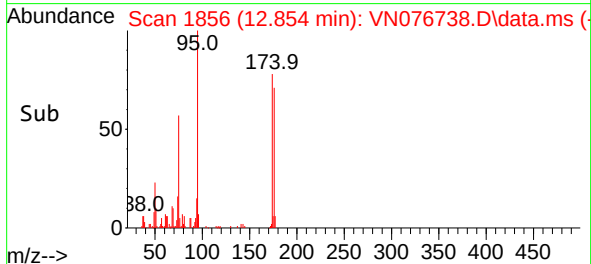
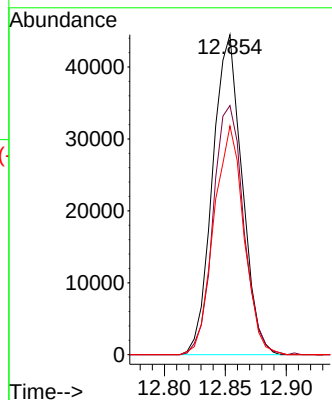
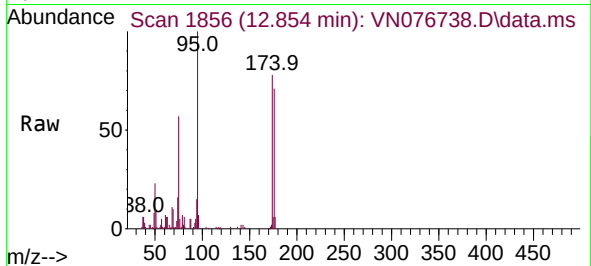




#60
4-Bromofluorobenzene
Concen: 23.880 ug/l
RT: 12.854 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076738.D
Acq: 17 Feb 2023 16:40

Instrument :
MSVOA_N
ClientSampleId :
14B-4RE

Tgt Ion: 95 Resp: 74934
Ion Ratio Lower Upper
95 100
174 80.4 64.2 96.4
176 72.8 61.4 92.0



#63
Toluene-d8
Concen: 29.544 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076738.D
Acq: 17 Feb 2023 16:40

Tgt Ion: 98 Resp: 183586
Ion Ratio Lower Upper
98 100
100 64.0 53.8 80.6

