

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021523\
 Data File : VN076693.D
 Acq On : 15 Feb 2023 18:28
 Operator : JC\MD
 Sample : 01547-02 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-2

Quant Time: Feb 16 04:35:09 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)

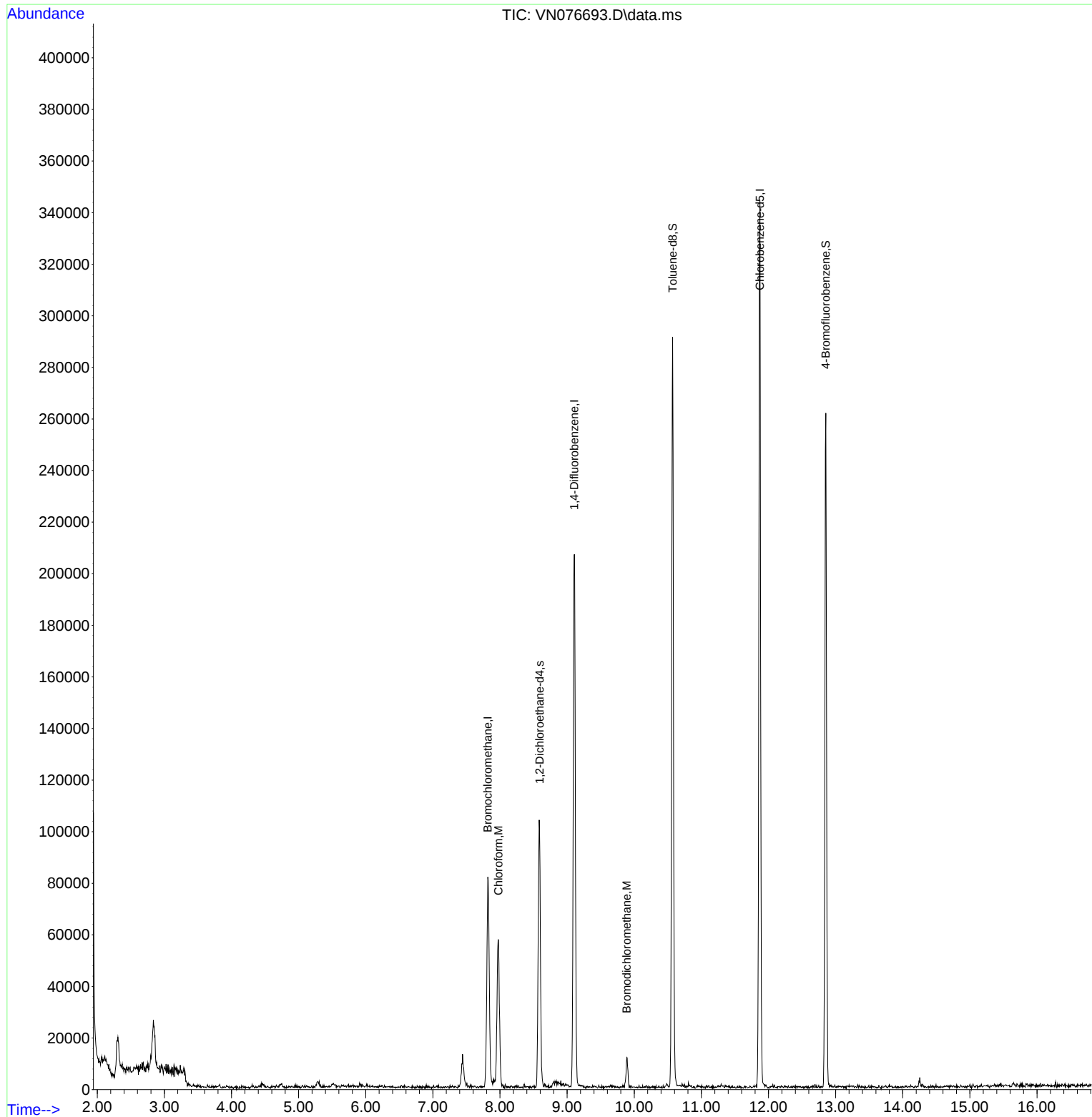
Internal Standards						
1) Bromochloromethane	7.819	128	24907	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	178330	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.872	117	185462	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.589	65	80828	35.482	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	118.267%#
60) 4-Bromofluorobenzene	12.854	95	83769	25.536	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	85.133%
63) Toluene-d8	10.572	98	190439	29.316	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.733%
Target Compounds						
25) Chloroform	7.978	83	55018	10.310	ug/l	Qvalue 94
41) Bromodichloromethane	9.889	83	7169	1.660	ug/l #	93

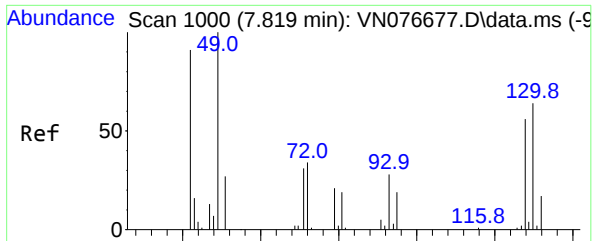
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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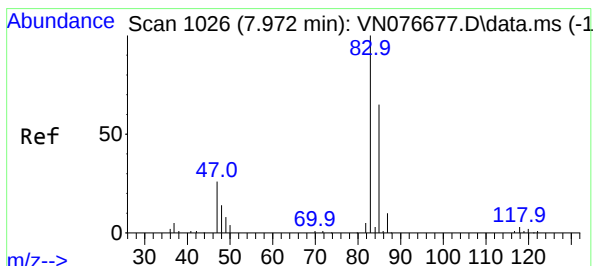
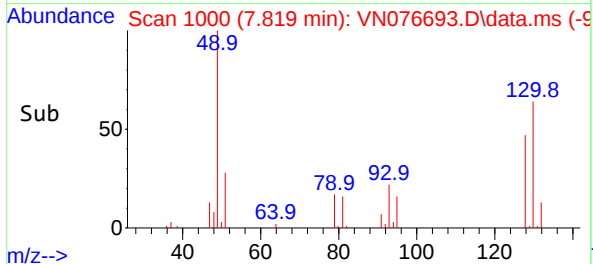
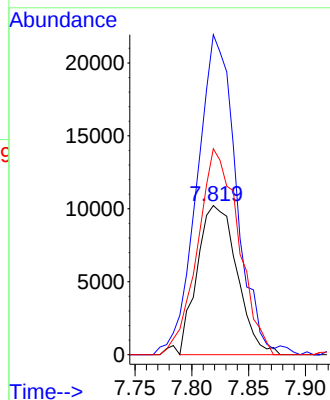
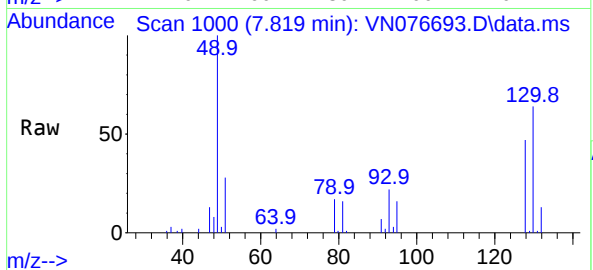




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076693.D
Acq: 15 Feb 2023 18:28

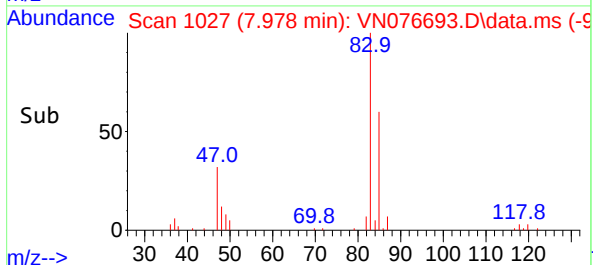
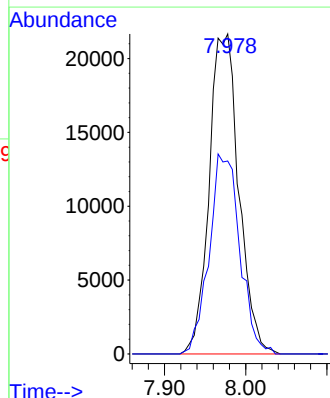
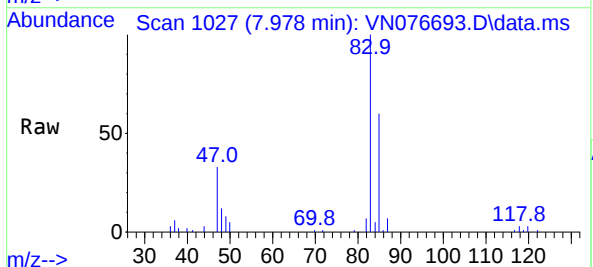
Instrument :
MSVOA_N
ClientSampleId :
14B-2

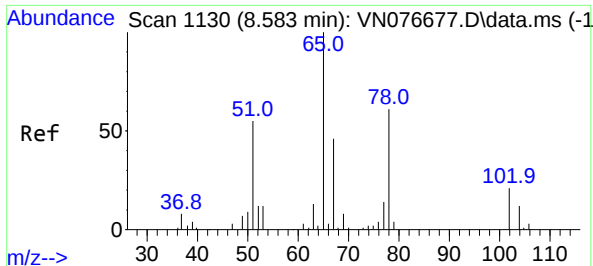
Tgt Ion:128 Resp: 24907
Ion Ratio Lower Upper
128 100
49 210.6 0.0 461.8
130 142.4 0.0 295.3



#25
Chloroform
Concen: 10.310 ug/l
RT: 7.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: VN076693.D
Acq: 15 Feb 2023 18:28

Tgt Ion: 83 Resp: 55018
Ion Ratio Lower Upper
83 100
85 60.3 51.8 77.6

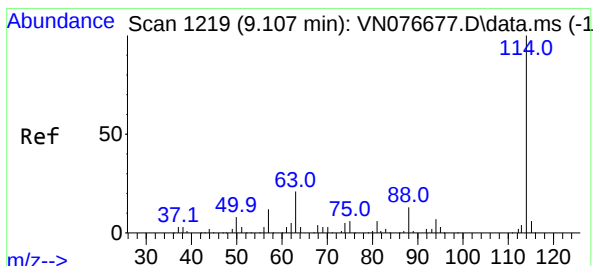
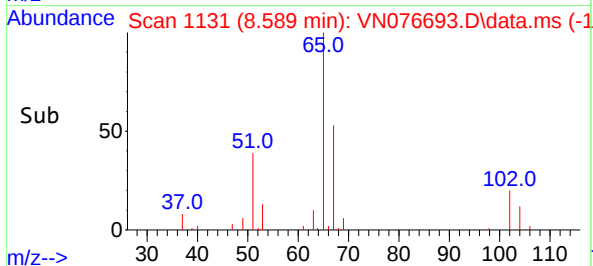
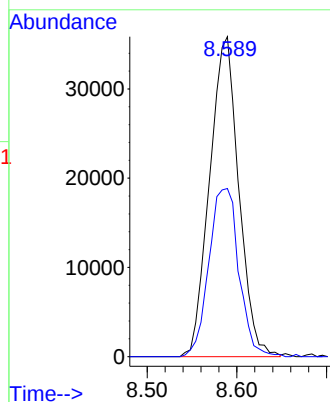
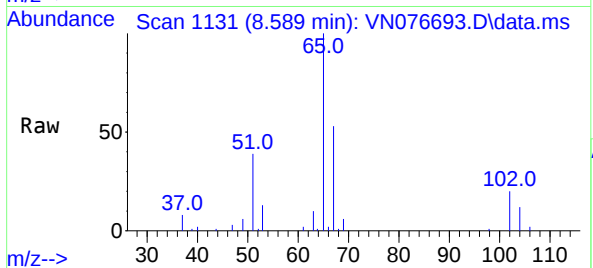




#27
1,2-Dichloroethane-d4
Concen: 35.482 ug/l
RT: 8.589 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN076693.D
Acq: 15 Feb 2023 18:28

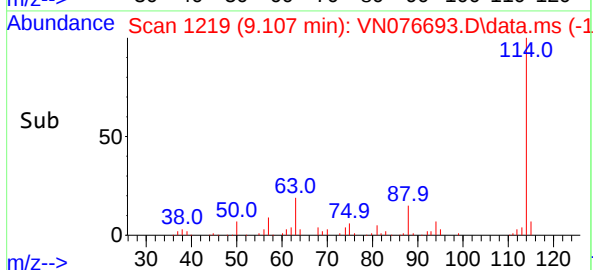
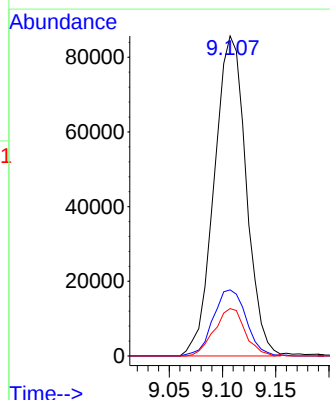
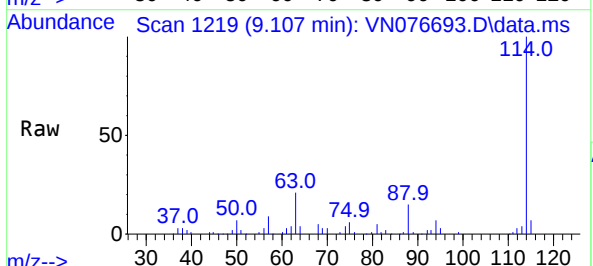
Instrument :
MSVOA_N
ClientSampleId :
14B-2

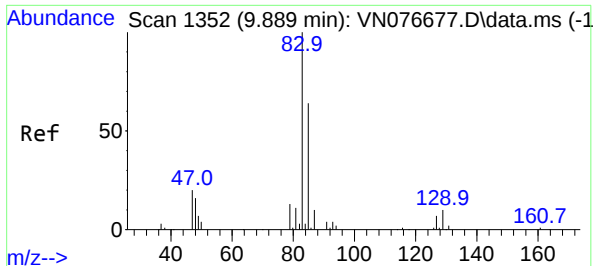
Tgt Ion: 65 Resp: 80828
Ion Ratio Lower Upper
65 100
67 54.1 40.9 61.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN076693.D
Acq: 15 Feb 2023 18:28

Tgt Ion: 114 Resp: 178330
Ion Ratio Lower Upper
114 100
63 21.4 17.0 25.4
88 14.2 11.6 17.4

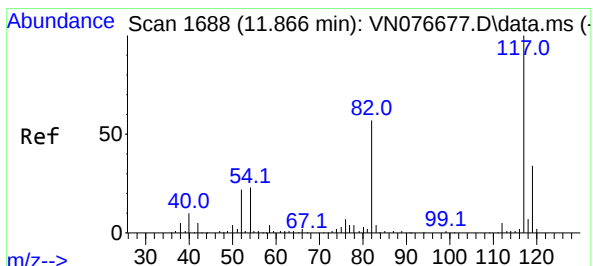
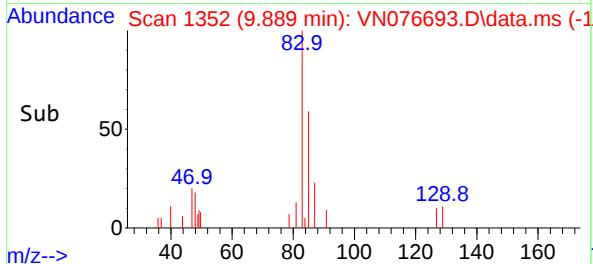
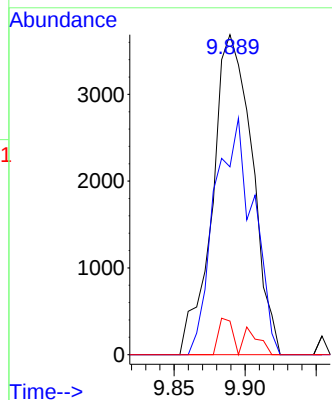
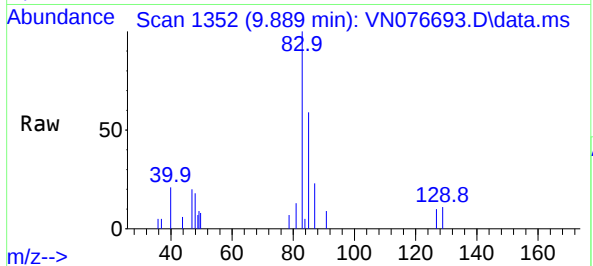




#41
Bromodichloromethane
Concen: 1.660 ug/l
RT: 9.889 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076693.D
Acq: 15 Feb 2023 18:28

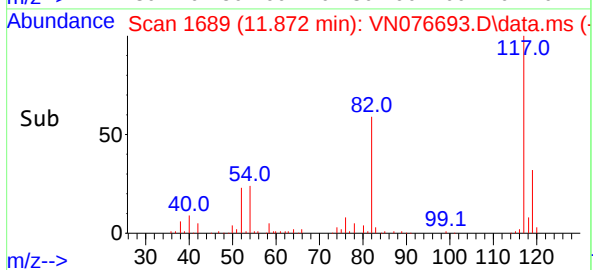
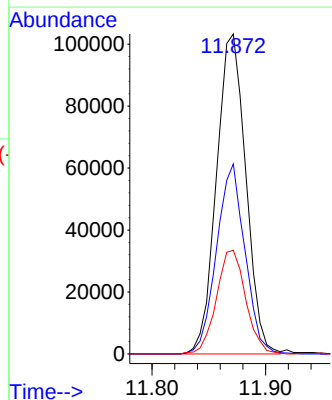
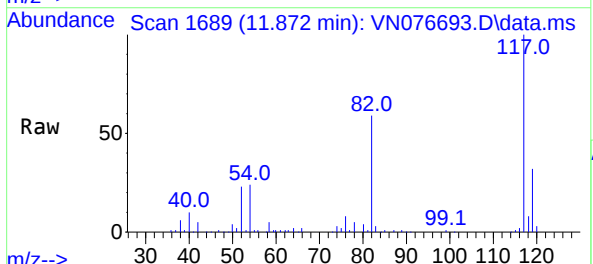
Instrument :
MSVOA_N
ClientSampleId :
14B-2

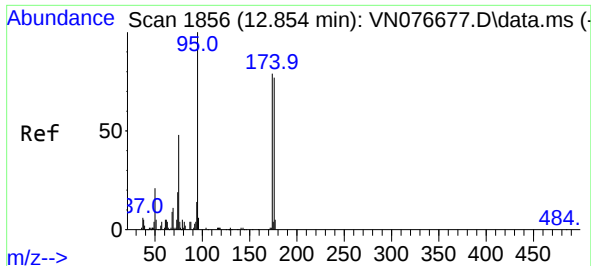
Tgt Ion: 83 Resp: 7169
Ion Ratio Lower Upper
83 100
85 58.7 51.0 76.4
127 10.5 6.2 9.2#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN076693.D
Acq: 15 Feb 2023 18:28

Tgt Ion: 117 Resp: 185462
Ion Ratio Lower Upper
117 100
82 57.5 45.4 68.0
119 32.3 26.8 40.2

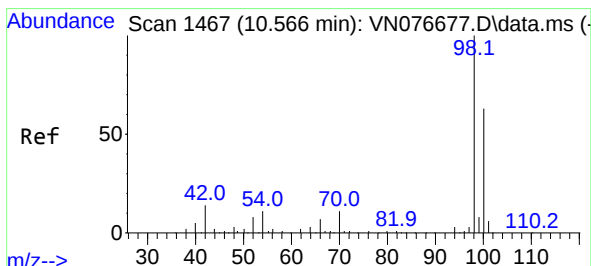
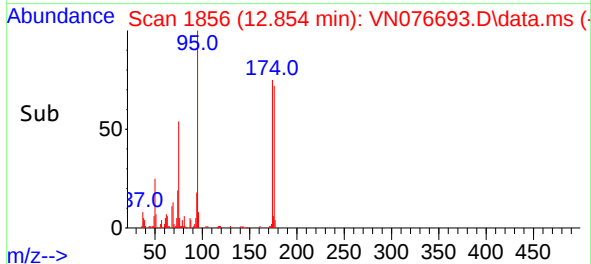
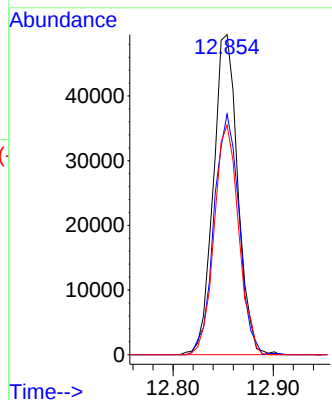
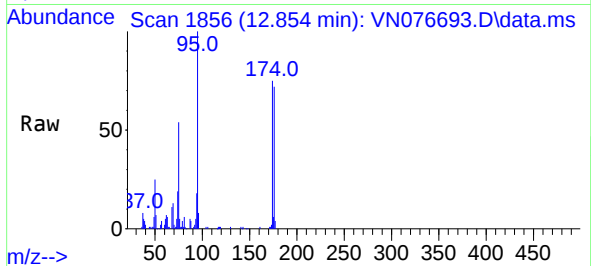




#60
4-Bromofluorobenzene
Concen: 25.536 ug/l
RT: 12.854 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076693.D
Acq: 15 Feb 2023 18:28

Instrument :
MSVOA_N
ClientSampleId :
14B-2

Tgt Ion: 95 Resp: 83769
Ion Ratio Lower Upper
95 100
174 76.6 64.2 96.4
176 71.7 61.4 92.0



#63
Toluene-d8
Concen: 29.316 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076693.D
Acq: 15 Feb 2023 18:28

Tgt Ion: 98 Resp: 190439
Ion Ratio Lower Upper
98 100
100 65.3 53.8 80.6

