

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021523\
 Data File : VN076692.D
 Acq On : 15 Feb 2023 18:04
 Operator : JC\MD
 Sample : 01547-01 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-1

Quant Time: Feb 16 04:34:43 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)

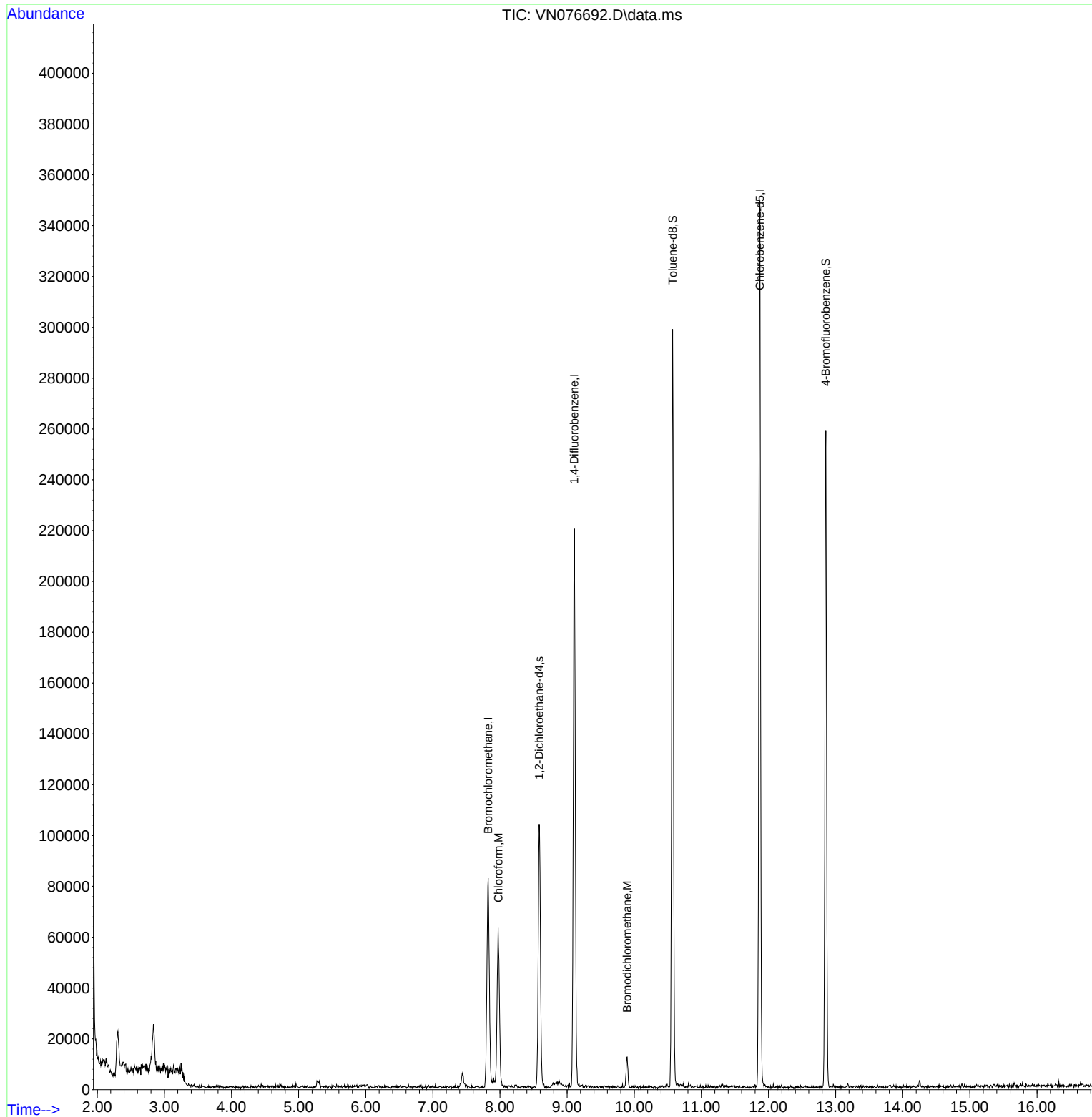
Internal Standards						
1) Bromochloromethane	7.825	128	26546	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	177421	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	190322	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	79804	32.869	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	109.567%
60) 4-Bromofluorobenzene	12.854	95	82361	24.466	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	81.567%
63) Toluene-d8	10.571	98	193494	29.025	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.767%
Target Compounds						
25) Chloroform	7.978	83	55372	9.735	ug/l	85
41) Bromodichloromethane	9.895	83	8104	1.887	ug/l #	94

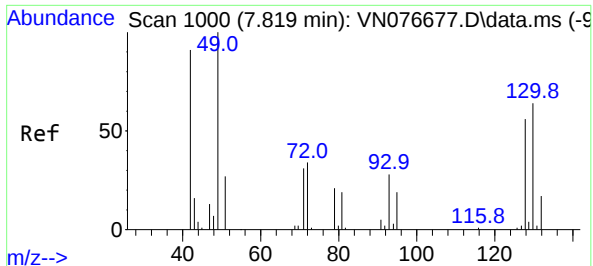
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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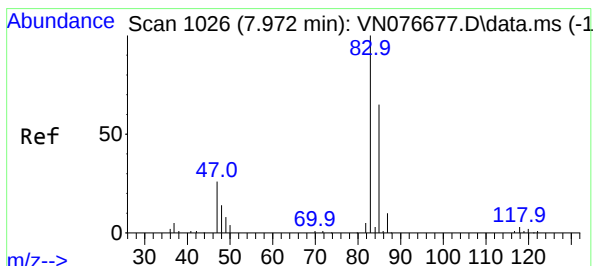
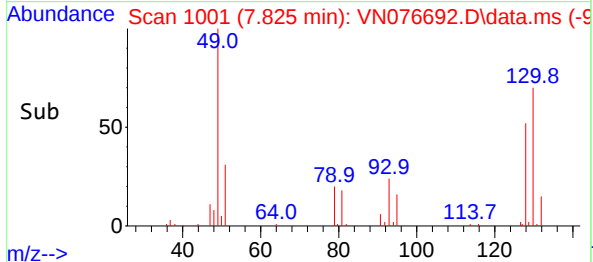
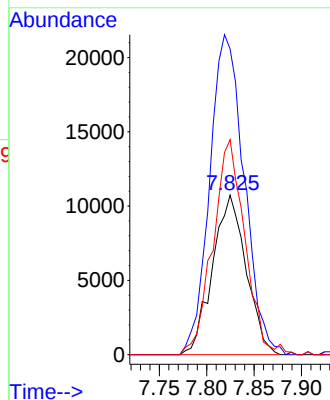
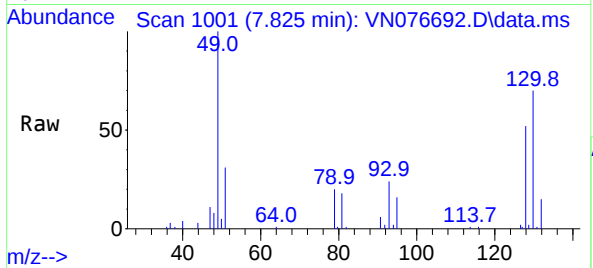




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN076692.D
Acq: 15 Feb 2023 18:04

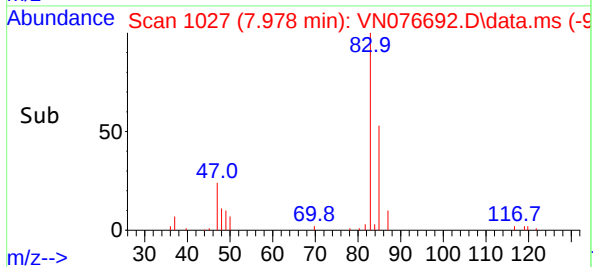
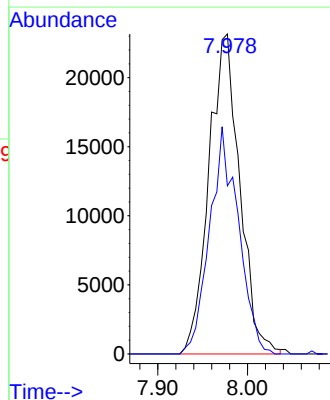
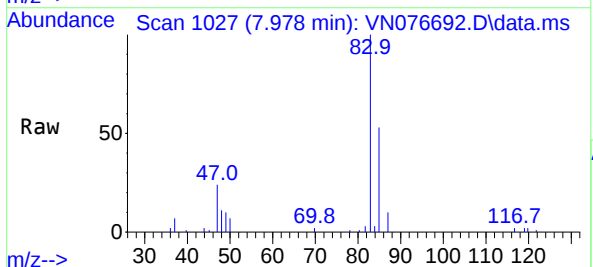
Instrument :
MSVOA_N
ClientSampleId :
14B-1

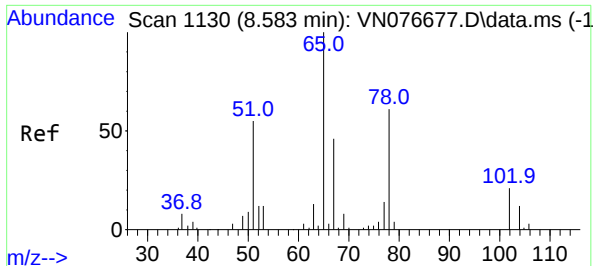
Tgt Ion:128 Resp: 26546
Ion Ratio Lower Upper
128 100
49 205.5 0.0 461.8
130 127.1 0.0 295.3



#25
Chloroform
Concen: 9.735 ug/l
RT: 7.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: VN076692.D
Acq: 15 Feb 2023 18:04

Tgt Ion: 83 Resp: 55372
Ion Ratio Lower Upper
83 100
85 52.6 51.8 77.6

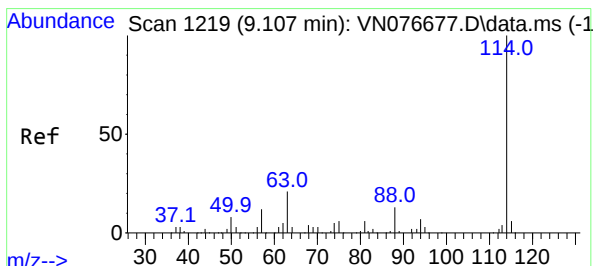
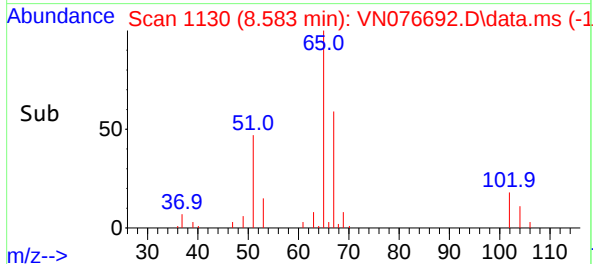
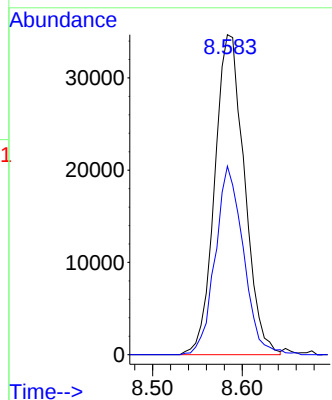
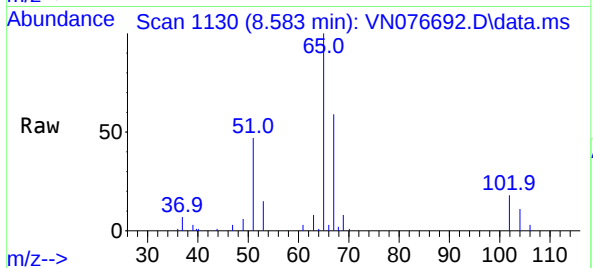




#27
1,2-Dichloroethane-d4
Concen: 32.869 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076692.D
Acq: 15 Feb 2023 18:04

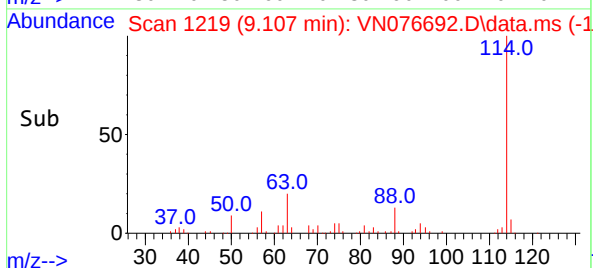
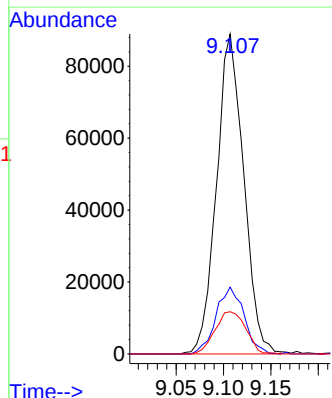
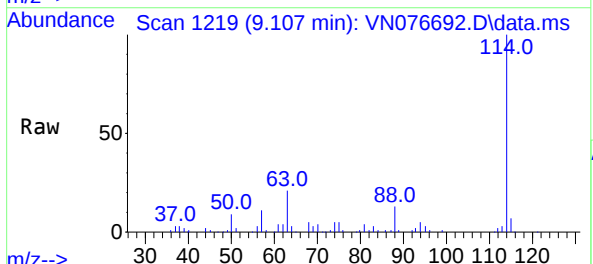
Instrument :
MSVOA_N
ClientSampleId :
14B-1

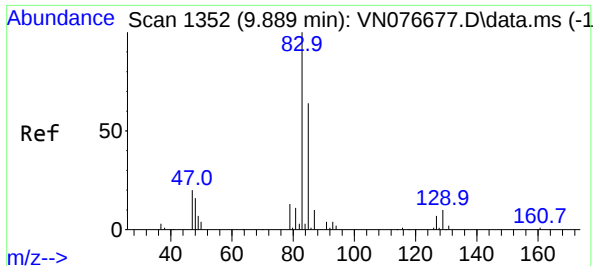
Tgt Ion: 65 Resp: 79804
Ion Ratio Lower Upper
65 100
67 55.7 40.9 61.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN076692.D
Acq: 15 Feb 2023 18:04

Tgt Ion: 114 Resp: 177421
Ion Ratio Lower Upper
114 100
63 21.6 17.0 25.4
88 14.9 11.6 17.4

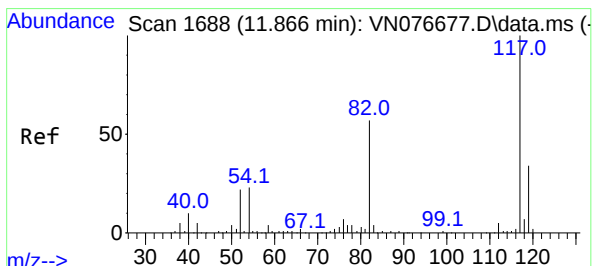
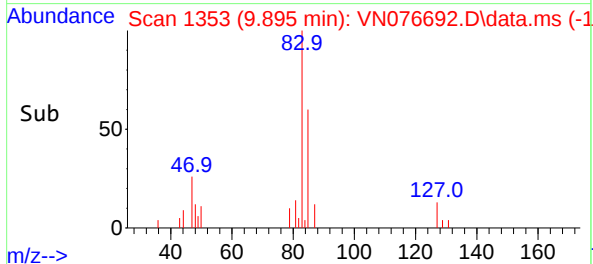
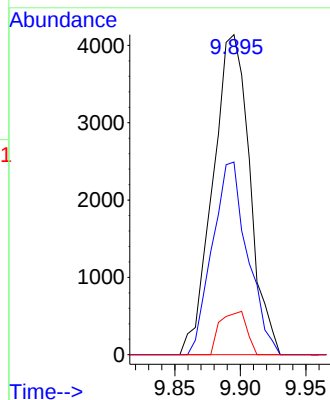
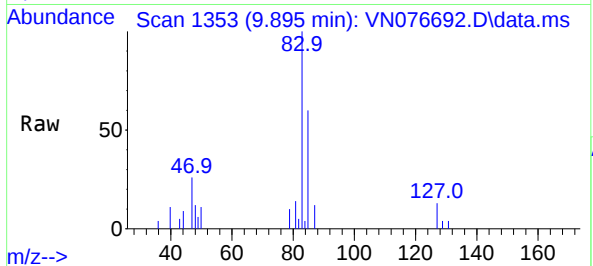




#41
Bromodichloromethane
Concen: 1.887 ug/l
RT: 9.895 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076692.D
Acq: 15 Feb 2023 18:04

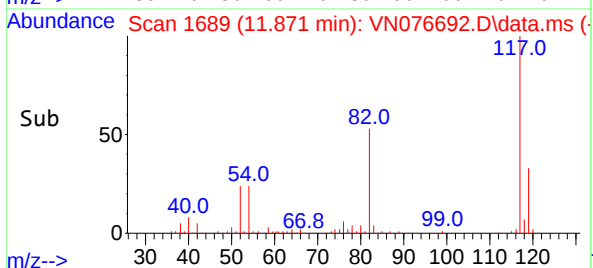
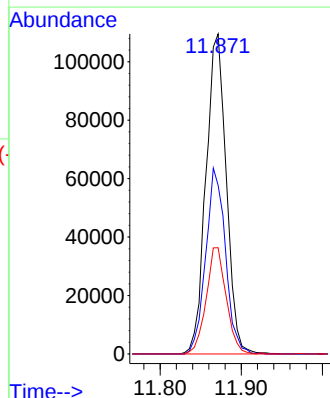
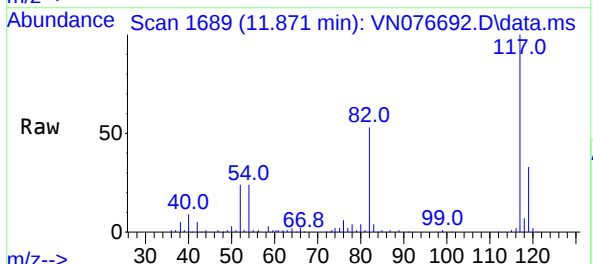
Instrument :
MSVOA_N
ClientSampleId :
14B-1

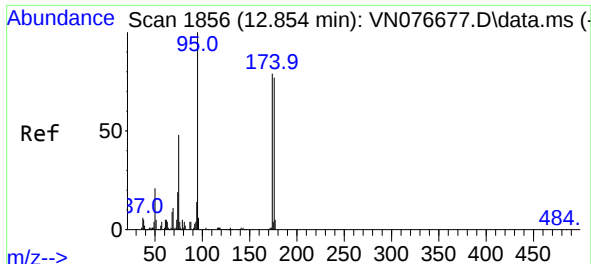
Tgt Ion: 83 Resp: 8104
Ion Ratio Lower Upper
83 100
85 60.2 51.0 76.4
127 12.8 6.2 9.2#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN076692.D
Acq: 15 Feb 2023 18:04

Tgt Ion: 117 Resp: 190322
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.0
119 32.8 26.8 40.2

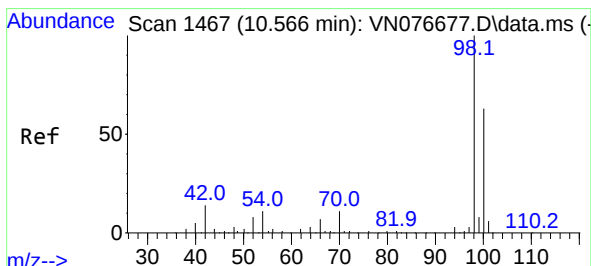
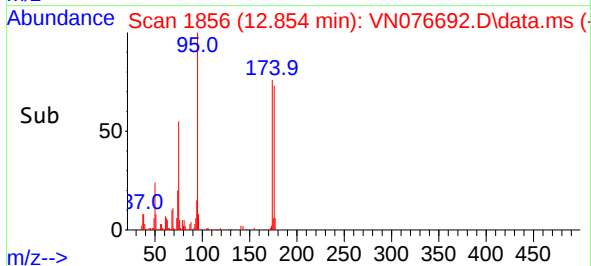
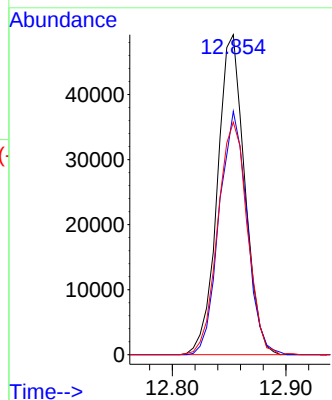
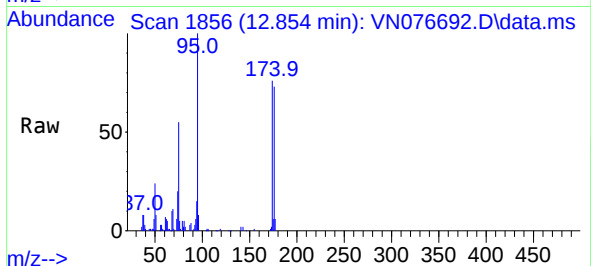




#60
4-Bromofluorobenzene
Concen: 24.466 ug/l
RT: 12.854 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076692.D
Acq: 15 Feb 2023 18:04

Instrument :
MSVOA_N
ClientSampleId :
14B-1

Tgt Ion: 95 Resp: 82361
Ion Ratio Lower Upper
95 100
174 77.0 64.2 96.4
176 78.4 61.4 92.0



#63
Toluene-d8
Concen: 29.025 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076692.D
Acq: 15 Feb 2023 18:04

Tgt Ion: 98 Resp: 193494
Ion Ratio Lower Upper
98 100
100 64.8 53.8 80.6

