

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021523\
 Data File : VN076695.D
 Acq On : 15 Feb 2023 19:16
 Operator : JC\MD
 Sample : 01547-04 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4

Quant Time: Feb 16 04:35:56 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)

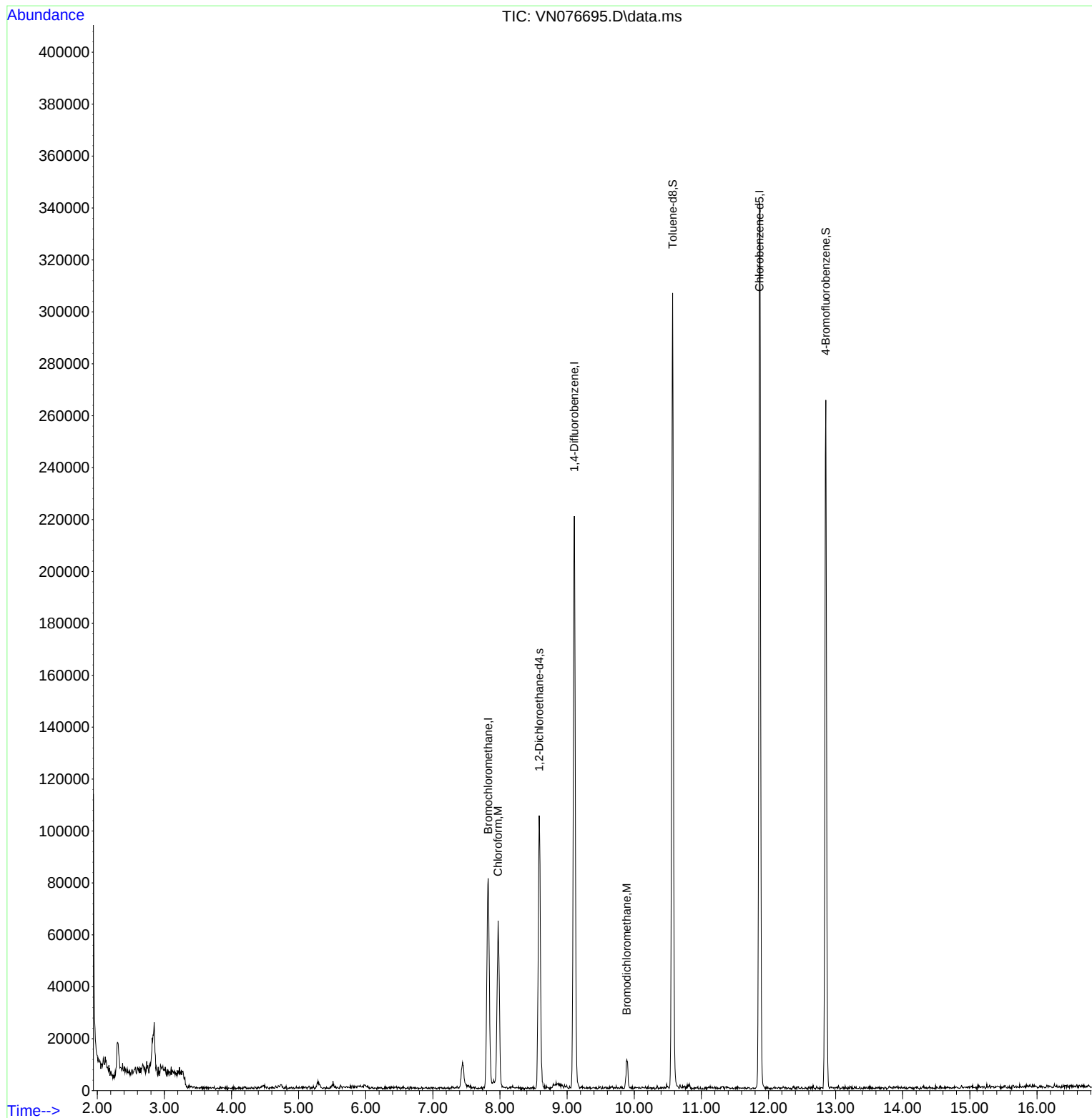
Internal Standards						
1) Bromochloromethane	7.825	128	25963	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	178812	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	192758	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	80511	33.905	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	113.000%#
60) 4-Bromofluorobenzene	12.854	95	85076	24.953	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	83.167%
63) Toluene-d8	10.572	98	200720	29.729	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.100%
Target Compounds						
25) Chloroform	7.972	83	57142	10.272	ug/l	93
41) Bromodichloromethane	9.889	83	7467	1.725	ug/l	93

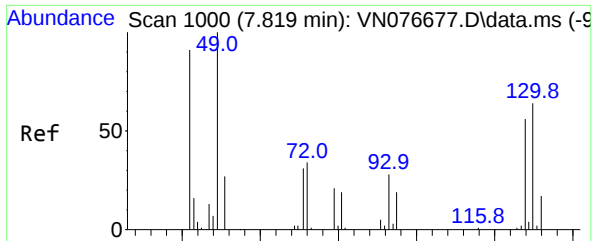
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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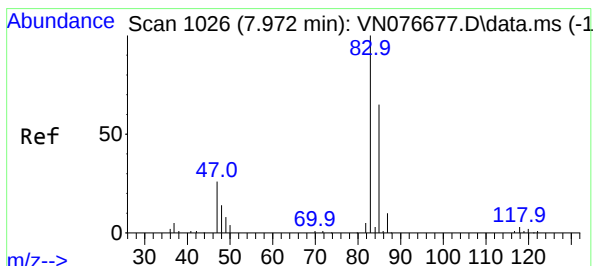
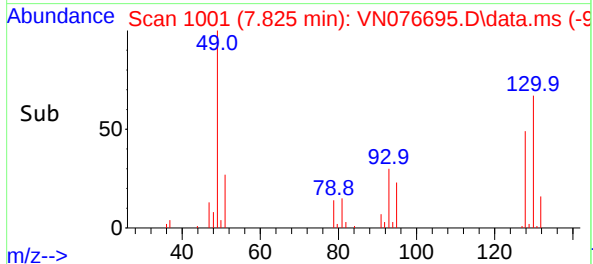
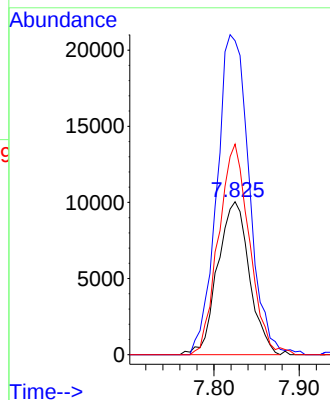
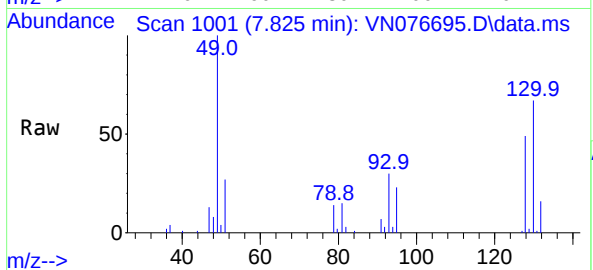




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN076695.D
Acq: 15 Feb 2023 19:16

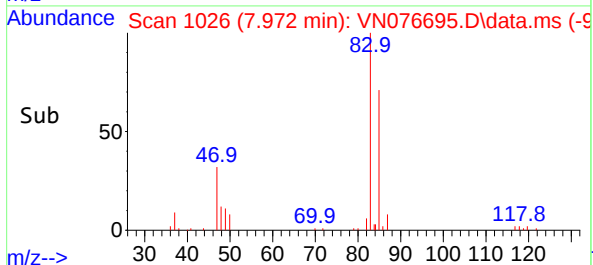
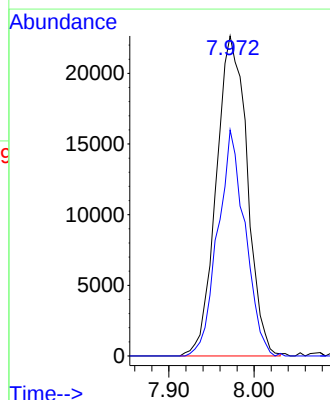
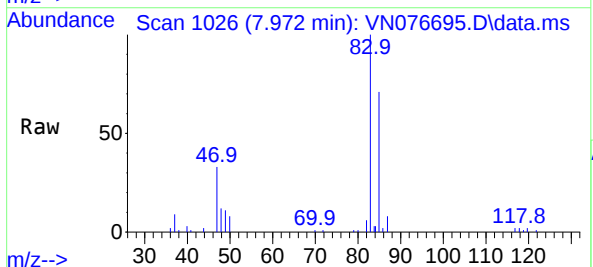
Instrument :
MSVOA_N
ClientSampleId :
14B-4

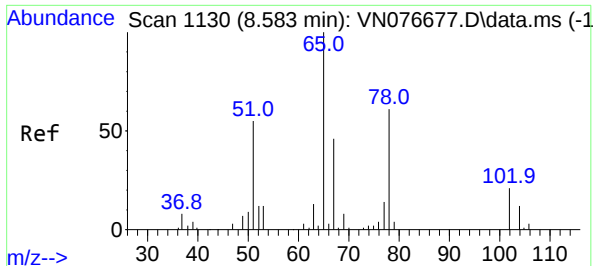
Tgt Ion:128 Resp: 25963
Ion Ratio Lower Upper
128 100
49 212.3 0.0 461.8
130 132.9 0.0 295.3



#25
Chloroform
Concen: 10.272 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN076695.D
Acq: 15 Feb 2023 19:16

Tgt Ion: 83 Resp: 57142
Ion Ratio Lower Upper
83 100
85 70.6 51.8 77.6

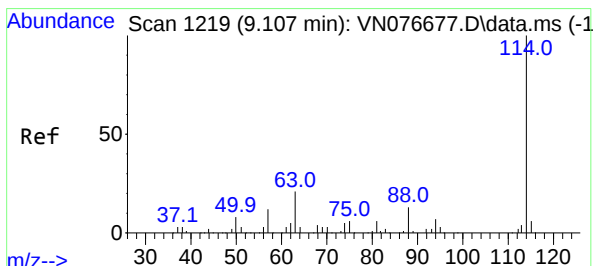
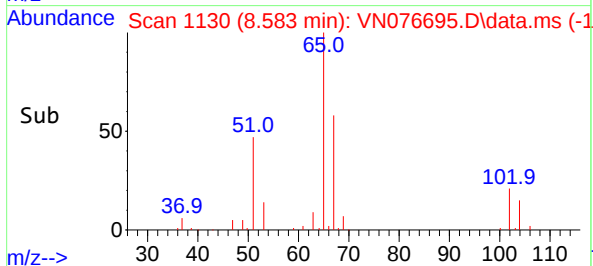
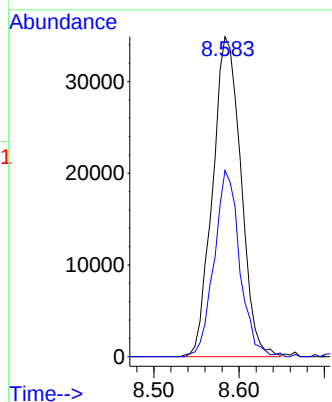
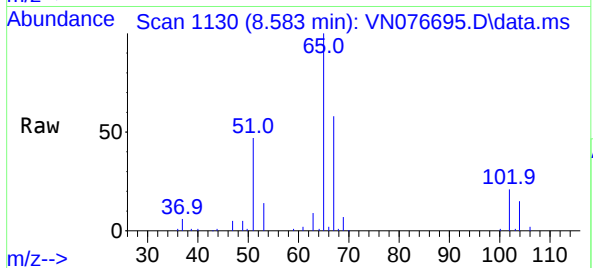




#27
1,2-Dichloroethane-d4
Concen: 33.905 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076695.D
Acq: 15 Feb 2023 19:16

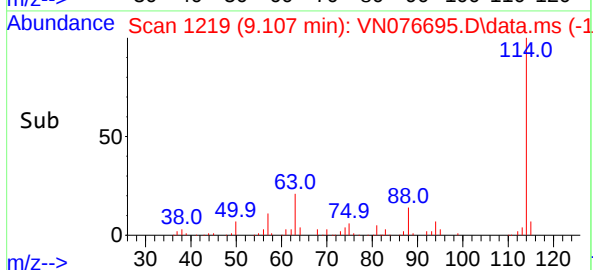
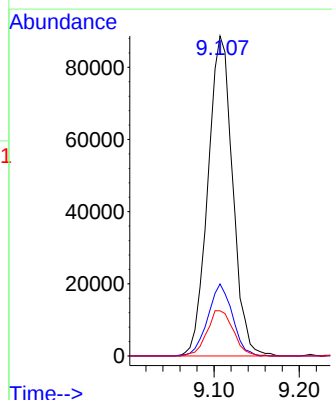
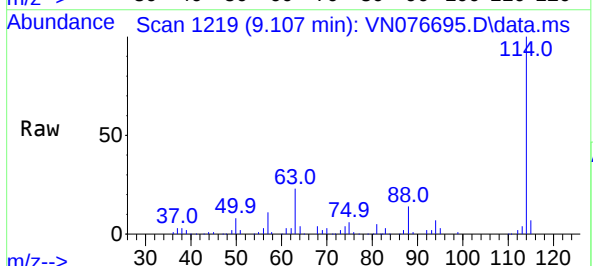
Instrument :
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ClientSampleId :
14B-4

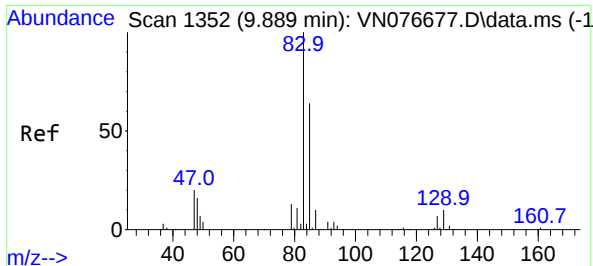
Tgt Ion: 65 Resp: 80511
Ion Ratio Lower Upper
65 100
67 52.3 40.9 61.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN076695.D
Acq: 15 Feb 2023 19:16

Tgt Ion: 114 Resp: 178812
Ion Ratio Lower Upper
114 100
63 22.4 17.0 25.4
88 15.1 11.6 17.4

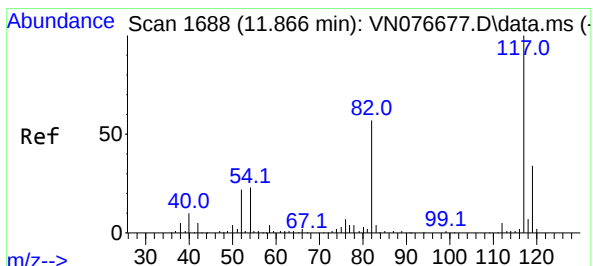
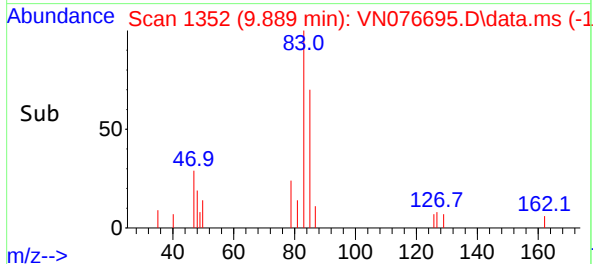
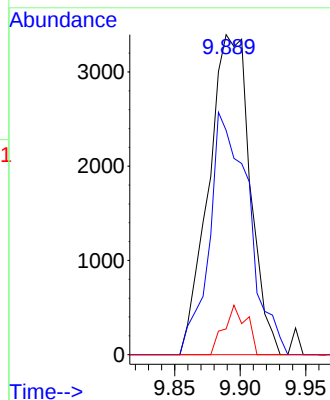
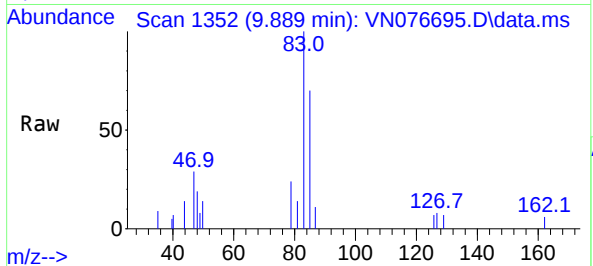




#41
Bromodichloromethane
Concen: 1.725 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076695.D
Acq: 15 Feb 2023 19:16

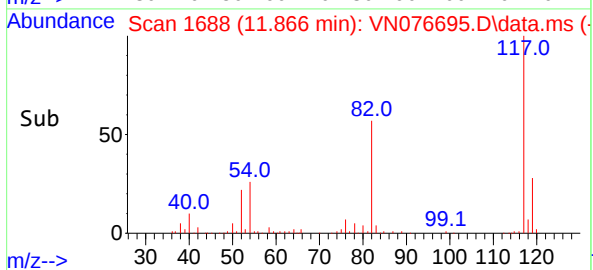
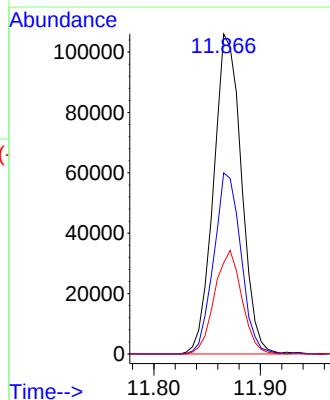
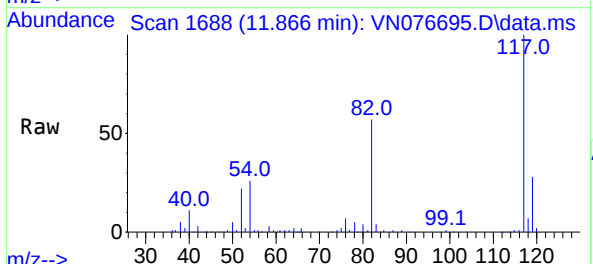
Instrument :
MSVOA_N
ClientSampleId :
14B-4

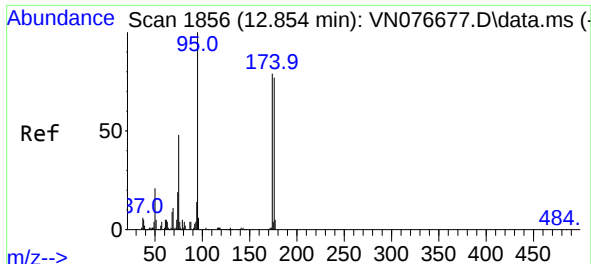
Tgt Ion: 83	Resp:	7467
Ion	Ratio	Lower Upper
83	100	
85	70.1	51.0 76.4
127	8.0	6.2 9.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076695.D
Acq: 15 Feb 2023 19:16

Tgt Ion: 117	Resp:	192758
Ion	Ratio	Lower Upper
117	100	
82	55.0	45.4 68.0
119	31.6	26.8 40.2

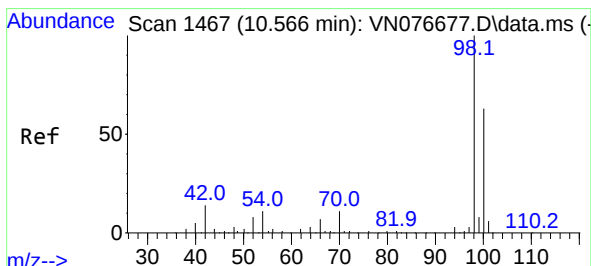
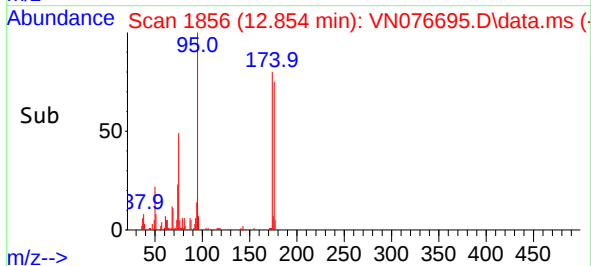
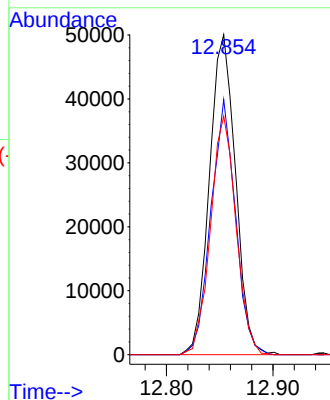
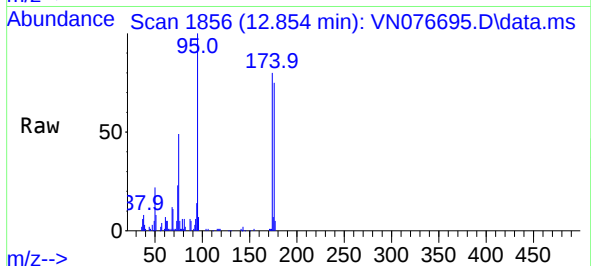




#60
4-Bromofluorobenzene
Concen: 24.953 ug/l
RT: 12.854 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076695.D
Acq: 15 Feb 2023 19:16

Instrument :
MSVOA_N
ClientSampleId :
14B-4

Tgt Ion:	95	Resp:	85076
Ion	Ratio	Lower	Upper
95	100		
174	75.2	64.2	96.4
176	73.0	61.4	92.0



#63
Toluene-d8
Concen: 29.729 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076695.D
Acq: 15 Feb 2023 19:16

Tgt Ion:	98	Resp:	200720
Ion	Ratio	Lower	Upper
98	100		
100	63.2	53.8	80.6

