

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021723\
 Data File : VN076736.D
 Acq On : 17 Feb 2023 15:52
 Operator : JC\MD
 Sample : 01547-02RE 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-2RE

Quant Time: Feb 18 02:09:48 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)

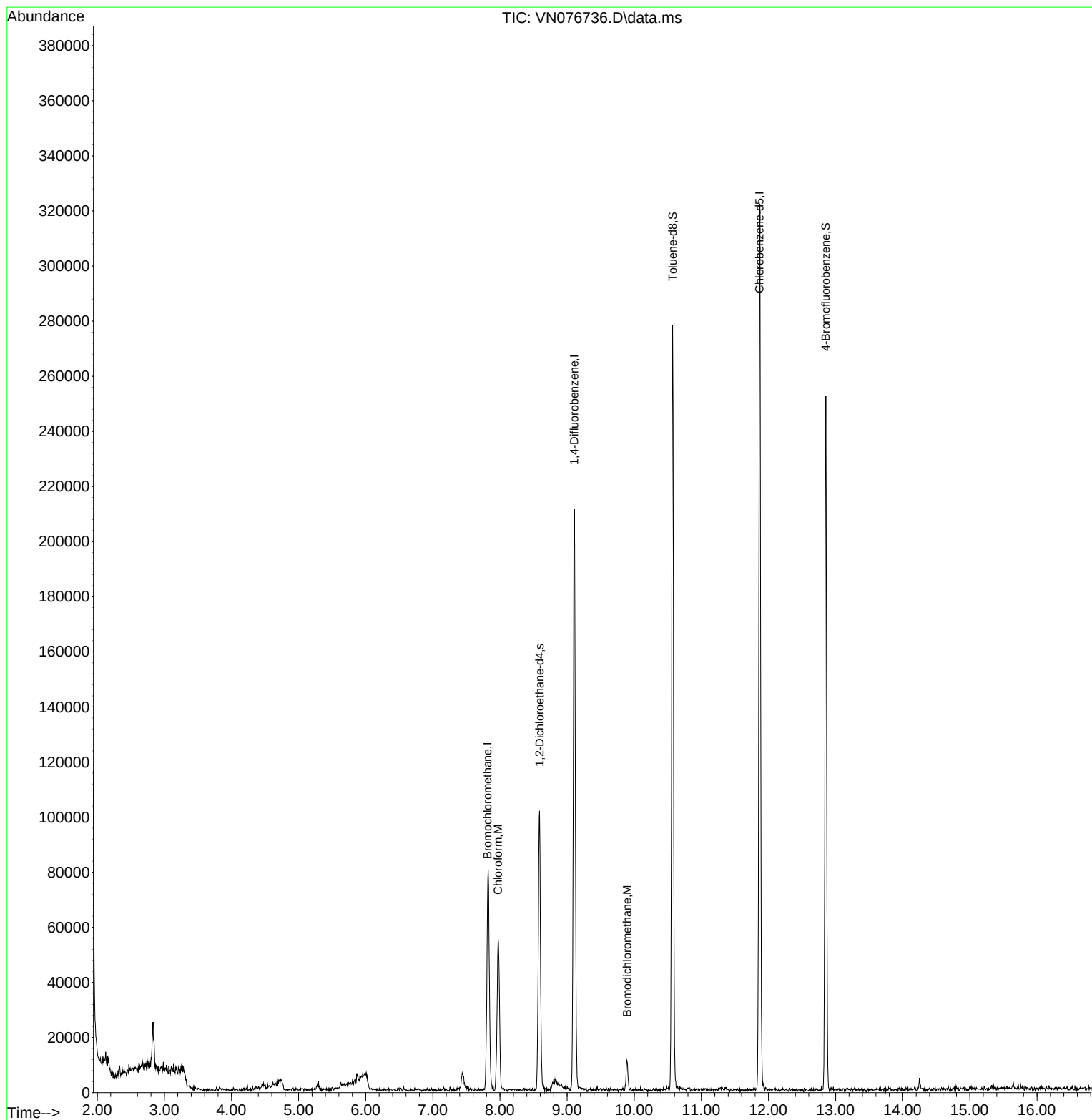
Internal Standards						
1) Bromochloromethane	7.813	128	11587	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	173731	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	176625	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.589	65	76870	72.535	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	241.800%#
60) 4-Bromofluorobenzene	12.854	95	79668	25.501	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	85.000%
63) Toluene-d8	10.572	98	187391	30.290	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.967%
Target Compounds						
25) Chloroform	7.972	83	50884	20.496	ug/l	96
41) Bromodichloromethane	9.895	83	7366	1.751	ug/l	92

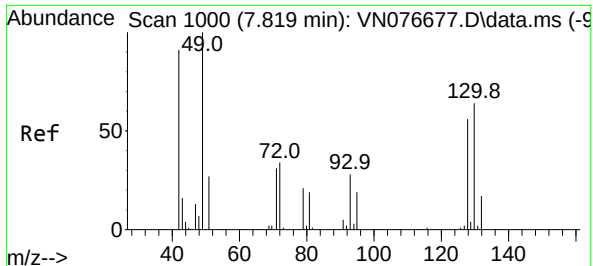
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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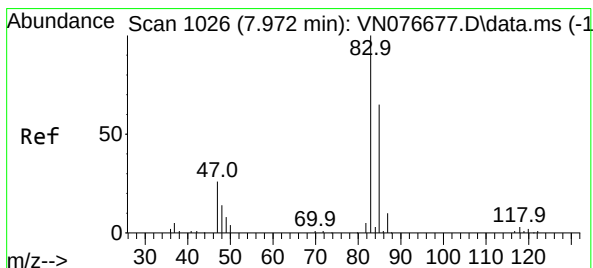
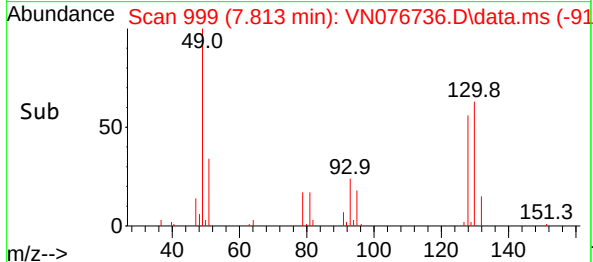
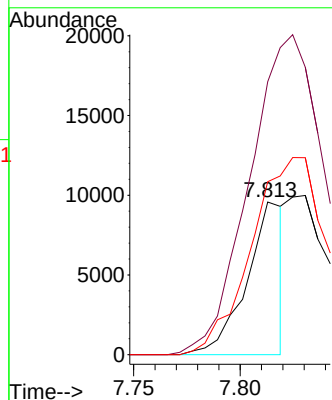
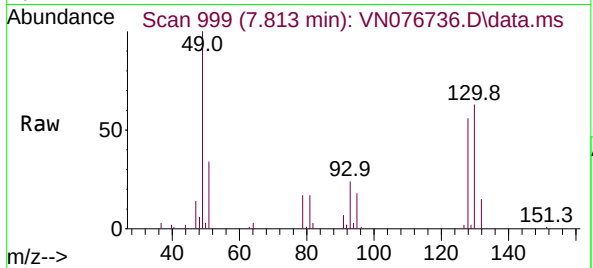




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN076736.D
Acq: 17 Feb 2023 15:52

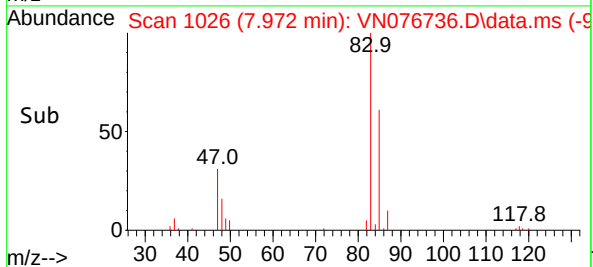
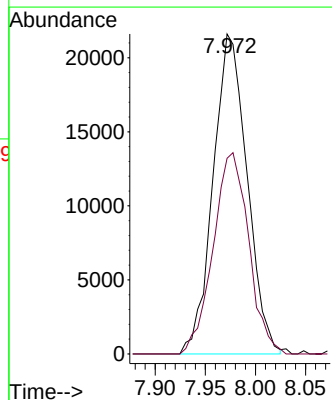
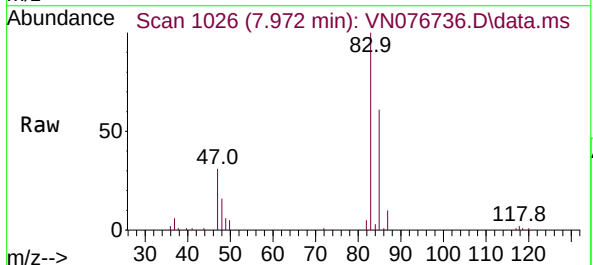
Instrument :
MSVOA_N
ClientSampleId :
14B-2RE

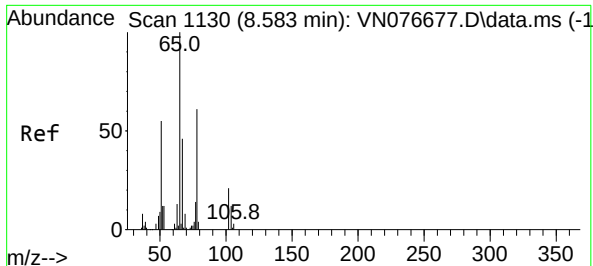
Tgt Ion:128 Resp: 11587
Ion Ratio Lower Upper
128 100
49 436.1 0.0 461.8
130 274.8 0.0 295.3



#25
Chloroform
Concen: 20.496 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN076736.D
Acq: 17 Feb 2023 15:52

Tgt Ion: 83 Resp: 50884
Ion Ratio Lower Upper
83 100
85 61.2 51.8 77.6

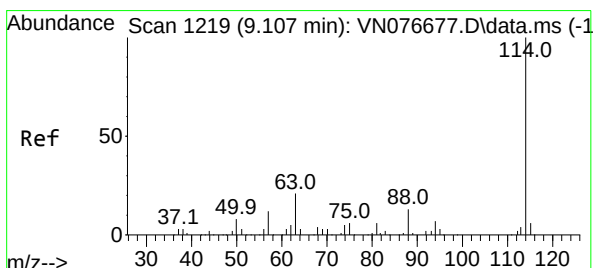
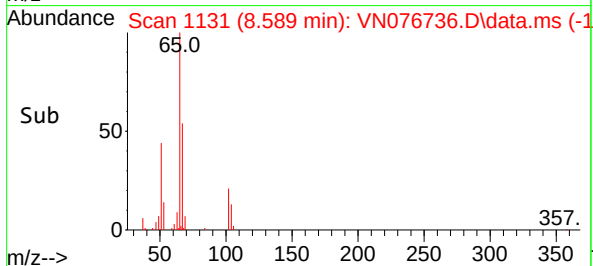
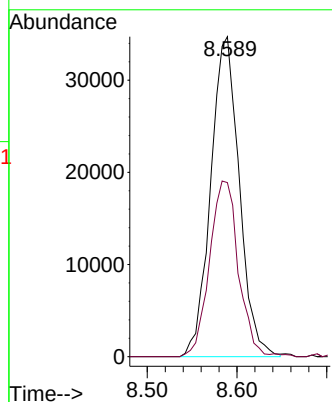
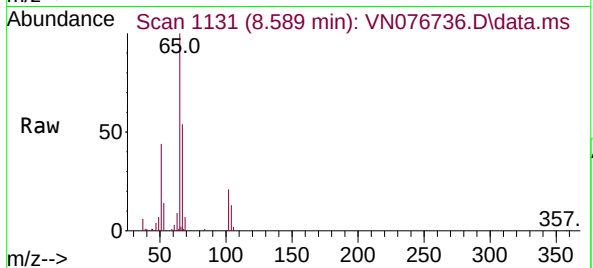




#27
1,2-Dichloroethane-d4
Concen: 72.535 ug/l
RT: 8.589 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN076736.D
Acq: 17 Feb 2023 15:52

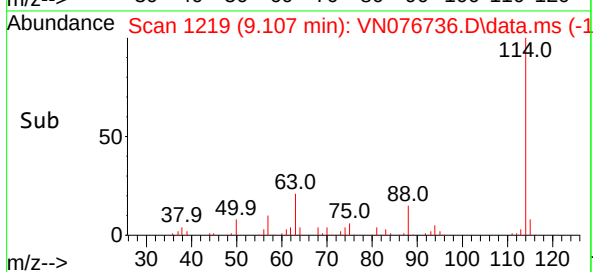
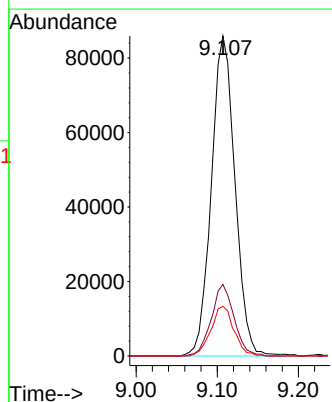
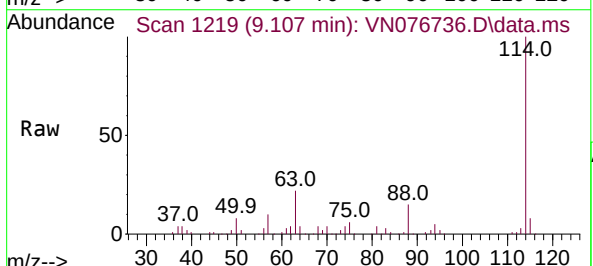
Instrument :
MSVOA_N
ClientSampleId :
14B-2RE

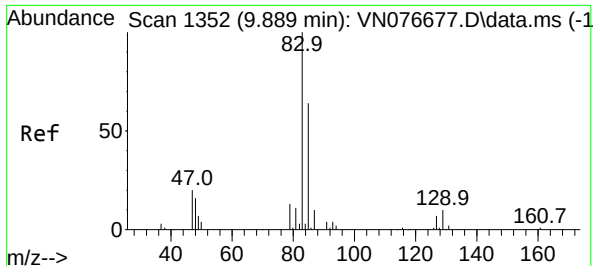
Tgt Ion: 65 Resp: 76870
Ion Ratio Lower Upper
65 100
67 55.2 40.9 61.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN076736.D
Acq: 17 Feb 2023 15:52

Tgt Ion: 114 Resp: 173731
Ion Ratio Lower Upper
114 100
63 21.5 17.0 25.4
88 15.1 11.6 17.4

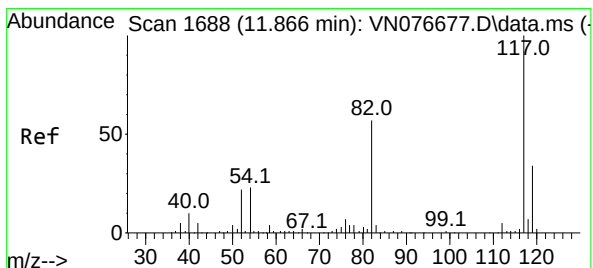
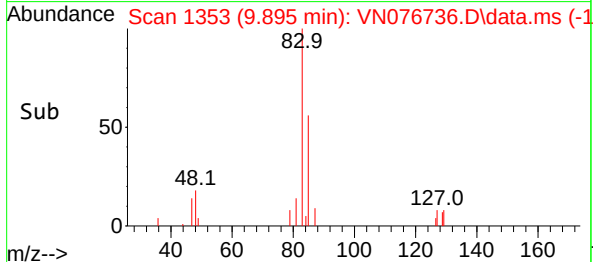
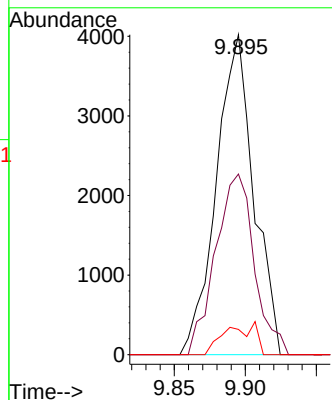
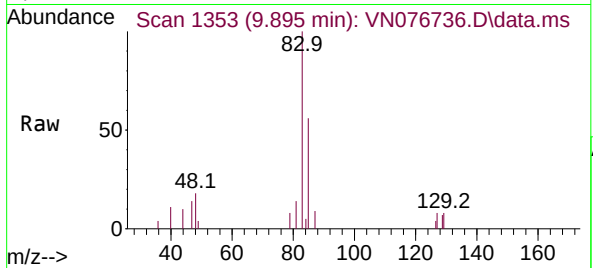




#41
Bromodichloromethane
Concen: 1.751 ug/l
RT: 9.895 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076736.D
Acq: 17 Feb 2023 15:52

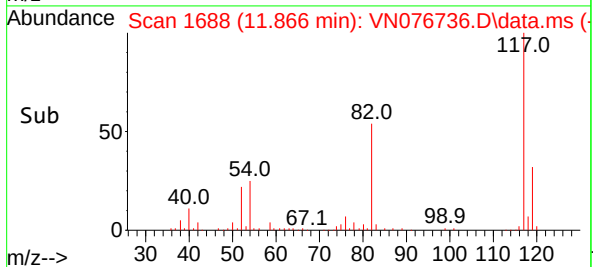
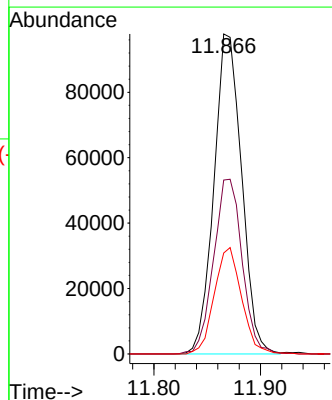
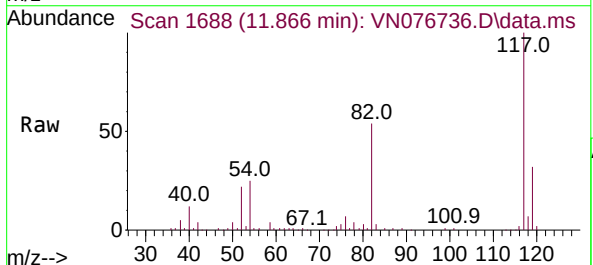
Instrument :
MSVOA_N
ClientSampleId :
14B-2RE

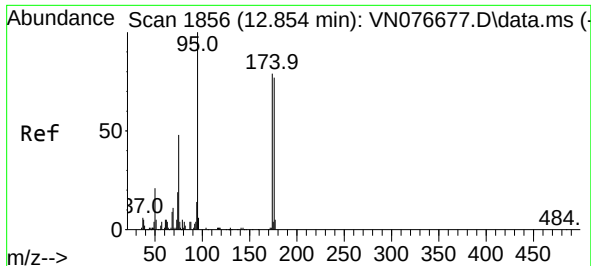
Tgt Ion: 83	Resp:	7366
Ion Ratio	Lower	Upper
83	100	
85	56.4	51.0 76.4
127	7.9	6.2 9.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076736.D
Acq: 17 Feb 2023 15:52

Tgt Ion: 117	Resp:	176625
Ion Ratio	Lower	Upper
117	100	
82	56.3	45.4 68.0
119	32.7	26.8 40.2

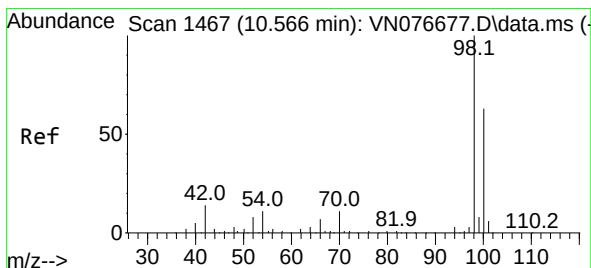
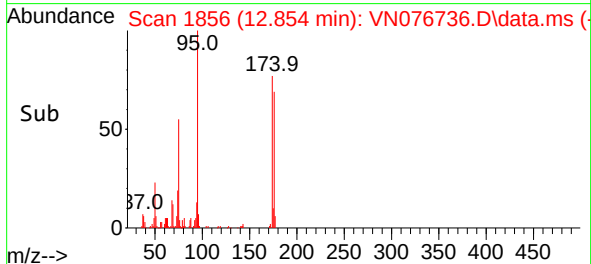
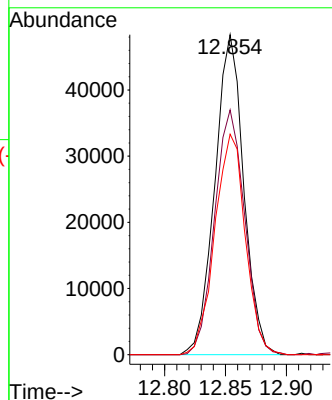
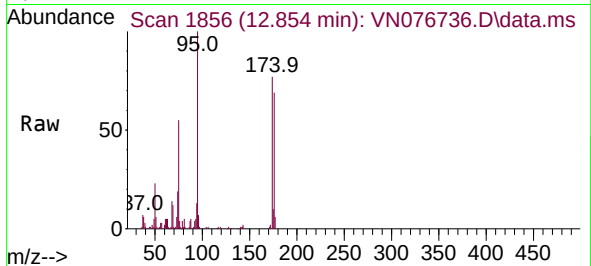




#60
4-Bromofluorobenzene
Concen: 25.501 ug/l
RT: 12.854 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076736.D
Acq: 17 Feb 2023 15:52

Instrument :
MSVOA_N
ClientSampleId :
14B-2RE

Tgt Ion: 95 Resp: 79668
Ion Ratio Lower Upper
95 100
174 79.6 64.2 96.4
176 72.8 61.4 92.0



#63
Toluene-d8
Concen: 30.290 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076736.D
Acq: 17 Feb 2023 15:52

Tgt Ion: 98 Resp: 187391
Ion Ratio Lower Upper
98 100
100 65.2 53.8 80.6

