

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022823\
 Data File : VN076834.D
 Acq On : 28 Feb 2023 17:45
 Operator : JC\MD
 Sample : 01700-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1R

Quant Time: Mar 01 01:31:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

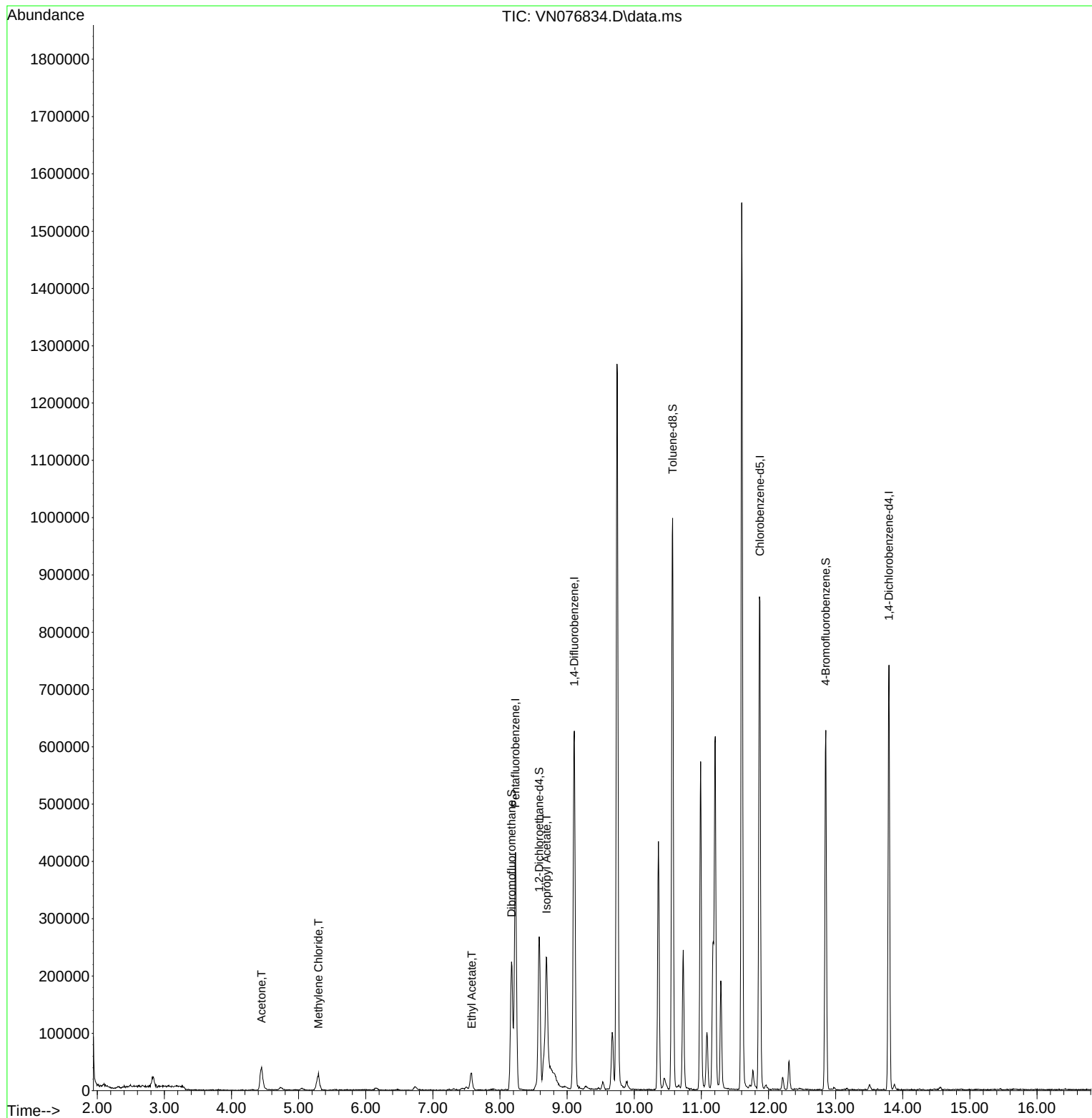
Internal Standards						
1) Pentafluorobenzene	8.231	168	283704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	526293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	488104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	181091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	212892	54.343	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.680%	
35) Dibromofluoromethane	8.172	113	156192	45.318	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 90.640%	
50) Toluene-d8	10.572	98	669028	51.978	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.960%	
62) 4-Bromofluorobenzene	12.854	95	194043	45.517	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.040%	
Target Compounds						
					Qvalue	
16) Acetone	4.449	43	76016	43.440	ug/l	95
20) Methylene Chloride	5.296	84	18736	5.109	ug/l	97
37) Ethyl Acetate	7.578	43	43958	8.390	ug/l	96
43) Isopropyl Acetate	8.695	43	396236	46.476	ug/l #	74

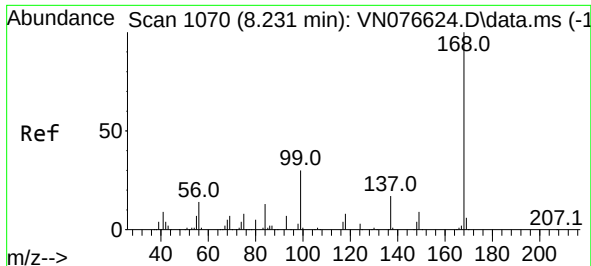
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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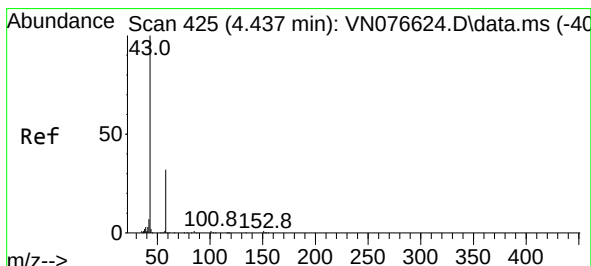
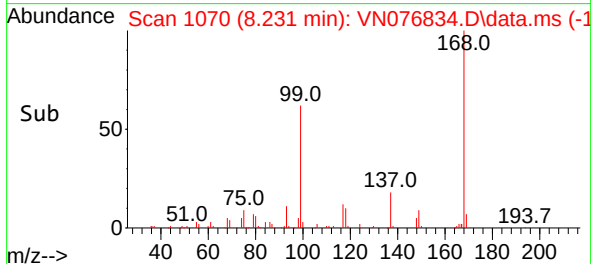
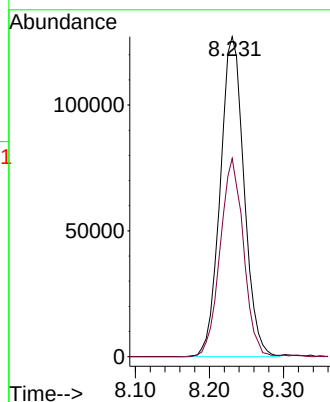
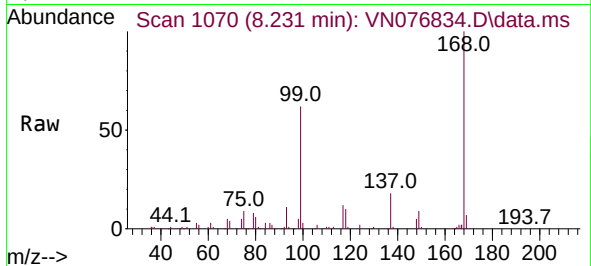




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076834.D
Acq: 28 Feb 2023 17:45

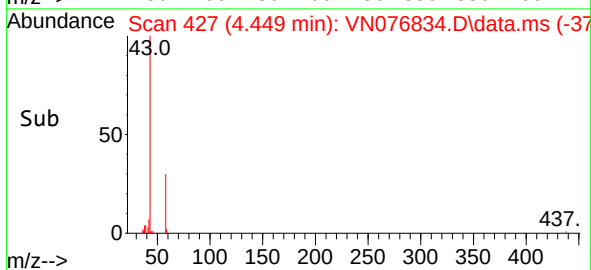
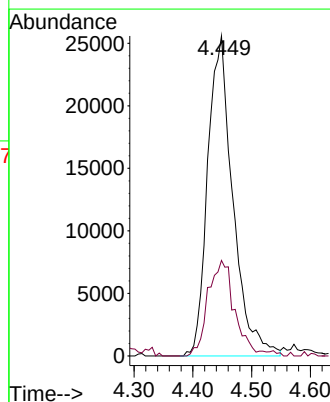
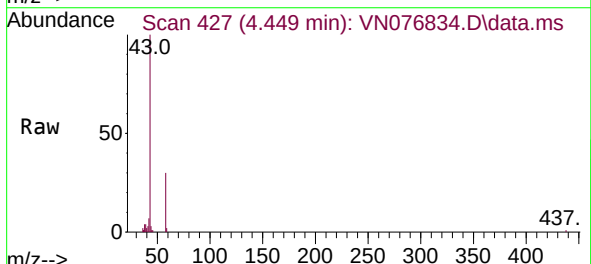
Instrument :
MSVOA_N
ClientSampleId :
MW-1R

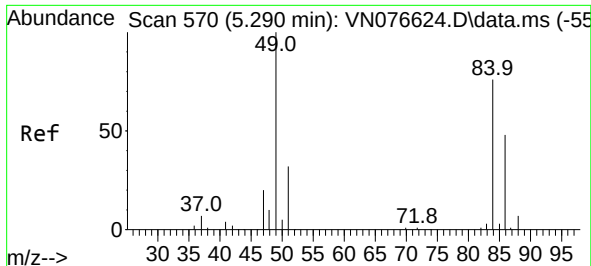
Tgt Ion:168 Resp: 283704
Ion Ratio Lower Upper
168 100
99 61.9 44.8 67.2



#16
Acetone
Concen: 43.440 ug/l
RT: 4.449 min Scan# 427
Delta R.T. 0.012 min
Lab File: VN076834.D
Acq: 28 Feb 2023 17:45

Tgt Ion: 43 Resp: 76016
Ion Ratio Lower Upper
43 100
58 29.9 25.9 38.9



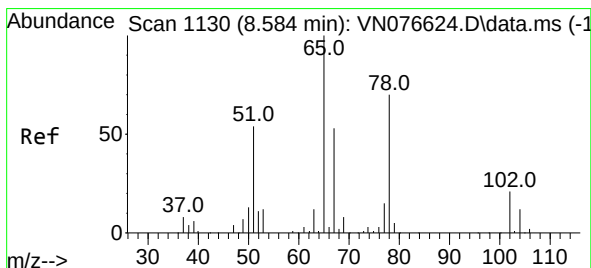
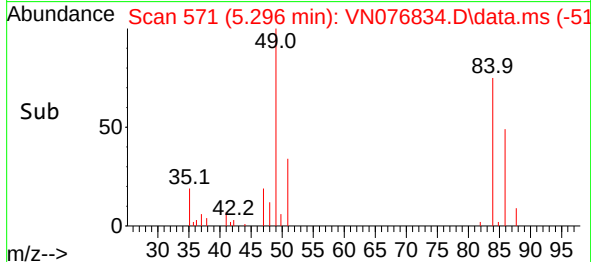
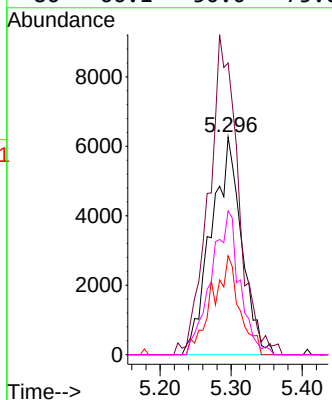
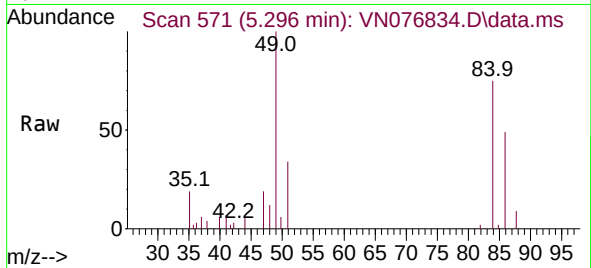


#20
Methylene Chloride
Concen: 5.109 ug/l
RT: 5.296 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076834.D
Acq: 28 Feb 2023 17:45

Instrument :
MSVOA_N
ClientSampleId :
MW-1R

Tgt Ion: 84 Resp: 18736

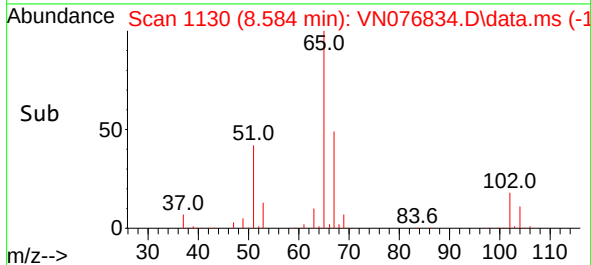
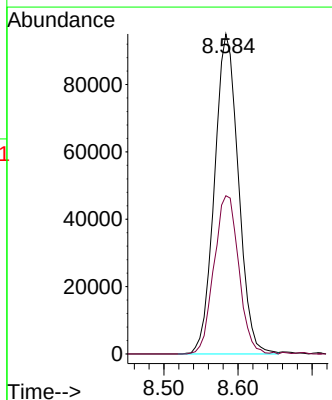
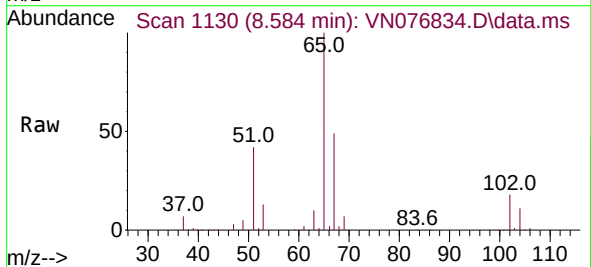
Ion	Ratio	Lower	Upper
84	100		
49	129.2	104.9	157.3
51	45.4	33.8	50.8
86	66.1	50.0	75.0

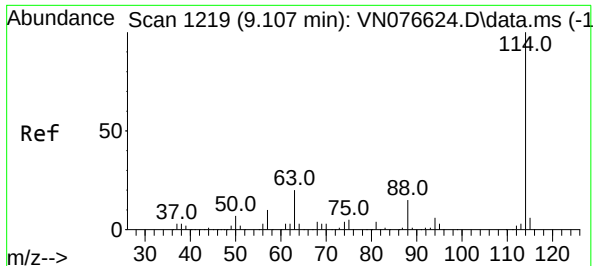


#33
1,2-Dichloroethane-d4
Concen: 54.343 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076834.D
Acq: 28 Feb 2023 17:45

Tgt Ion: 65 Resp: 212892

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076834.D

Acq: 28 Feb 2023 17:45

Instrument :

MSVOA_N

ClientSampleId :

MW-1R

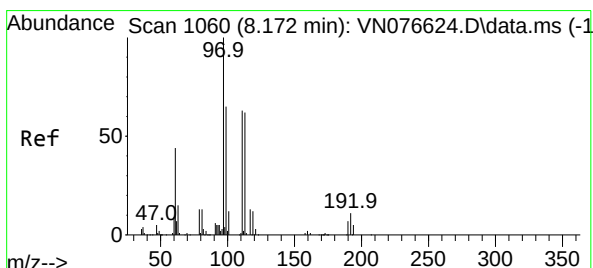
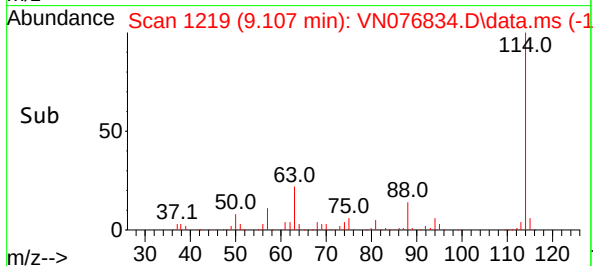
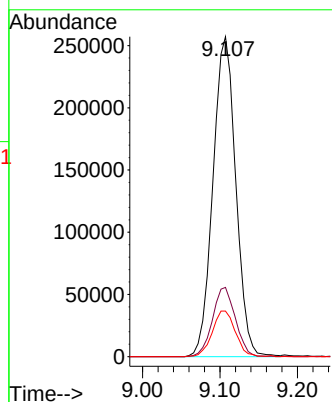
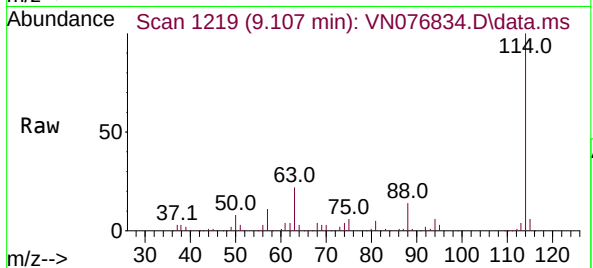
Tgt Ion:114 Resp: 526293

Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

88 14.3 0.0 29.6



#35

Dibromofluoromethane

Concen: 45.318 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076834.D

Acq: 28 Feb 2023 17:45

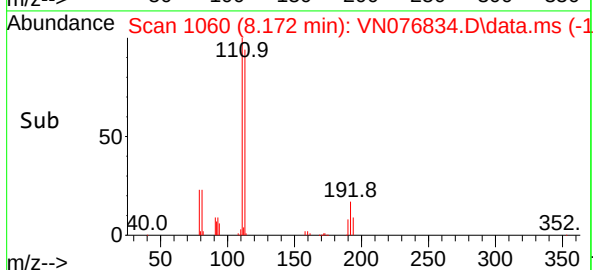
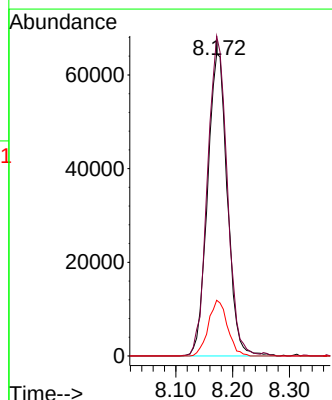
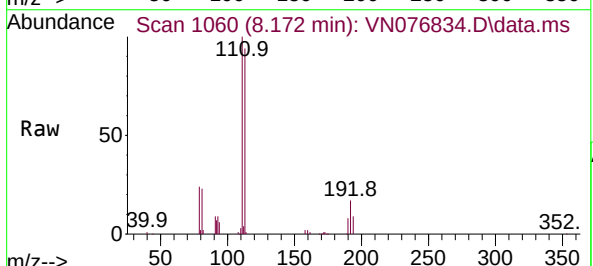
Tgt Ion:113 Resp: 156192

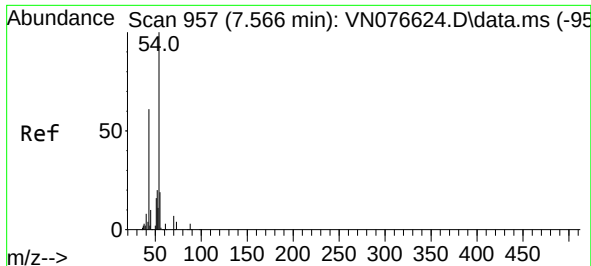
Ion Ratio Lower Upper

113 100

111 105.3 83.1 124.7

192 17.7 15.6 23.4





#37

Ethyl Acetate

Concen: 8.390 ug/l

RT: 7.578 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN076834.D

Acq: 28 Feb 2023 17:45

Instrument :

MSVOA_N

ClientSampleId :

MW-1R

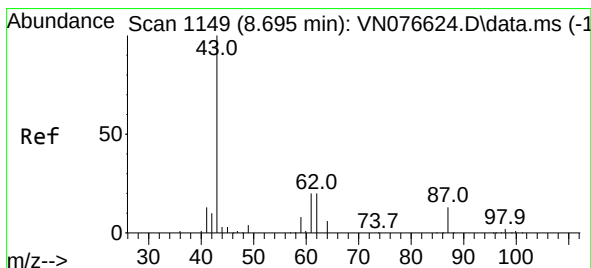
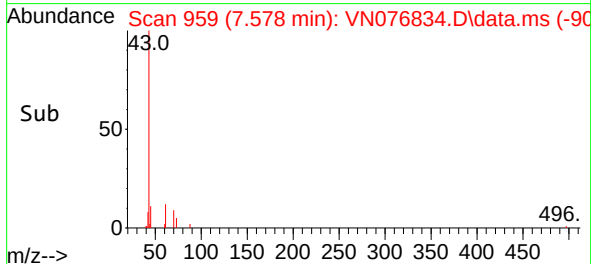
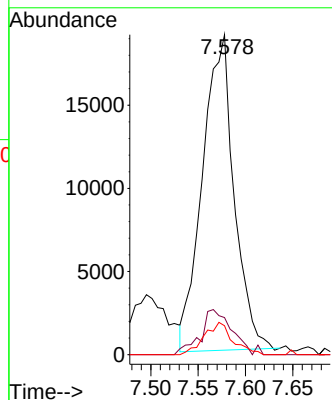
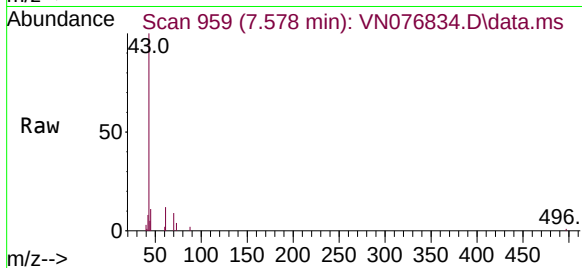
Tgt Ion: 43 Resp: 43958

Ion Ratio Lower Upper

43 100

61 14.5 9.9 14.9

70 9.2 7.8 11.6



#43

Isopropyl Acetate

Concen: 46.476 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN076834.D

Acq: 28 Feb 2023 17:45

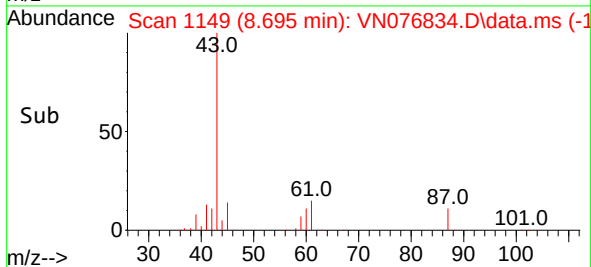
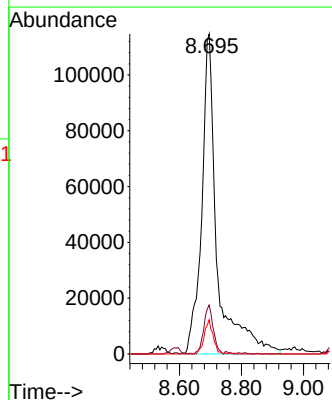
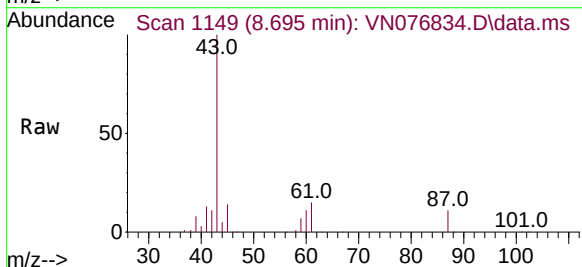
Tgt Ion: 43 Resp: 396236

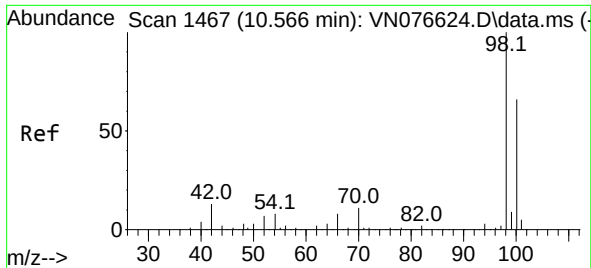
Ion Ratio Lower Upper

43 100

61 9.3 20.0 30.0#

87 6.0 9.9 14.9#

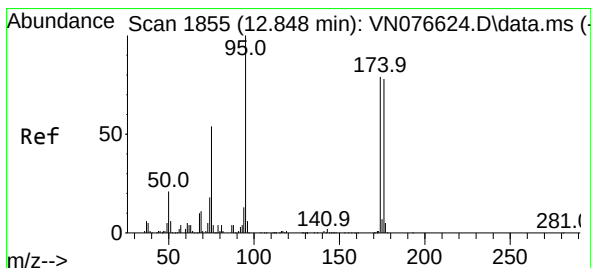
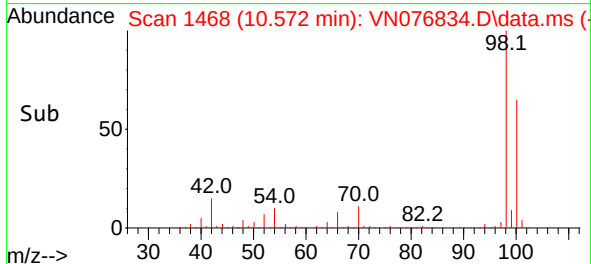
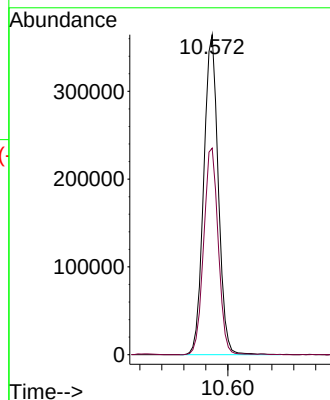
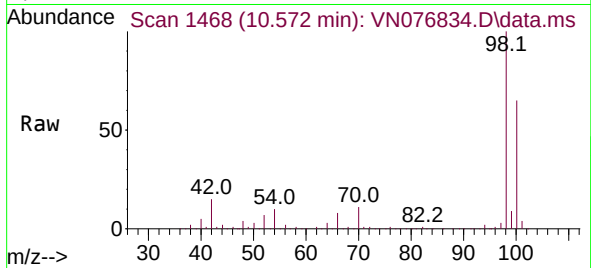




#50
Toluene-d8
Concen: 51.978 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076834.D
Acq: 28 Feb 2023 17:45

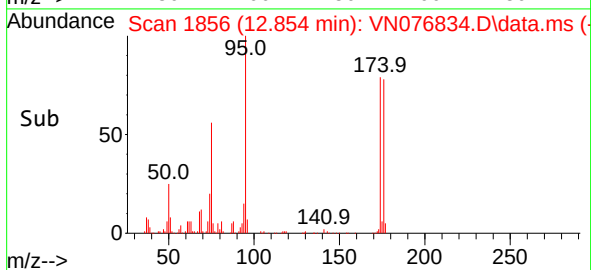
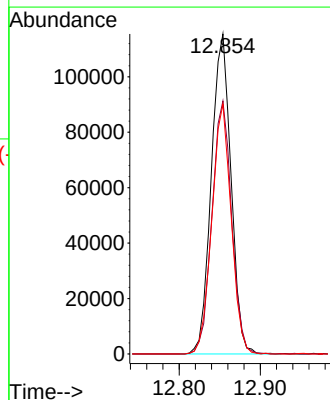
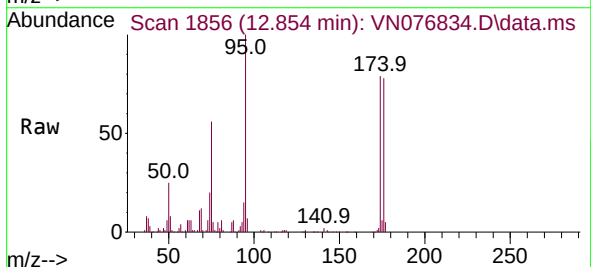
Instrument :
MSVOA_N
ClientSampleId :
MW-1R

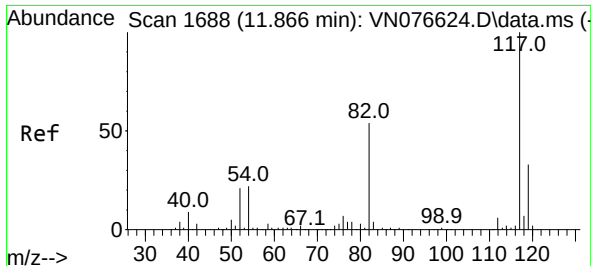
Tgt Ion: 98 Resp: 669028
Ion Ratio Lower Upper
98 100
100 64.6 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 45.517 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076834.D
Acq: 28 Feb 2023 17:45

Tgt Ion: 95 Resp: 194043
Ion Ratio Lower Upper
95 100
174 79.2 0.0 169.2
176 76.6 0.0 163.4

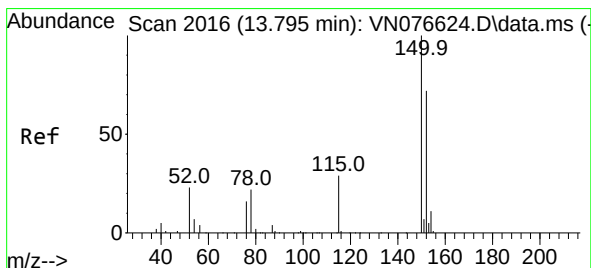
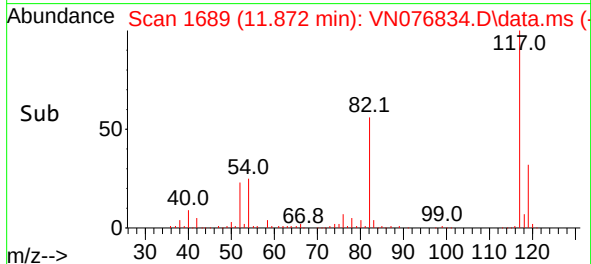
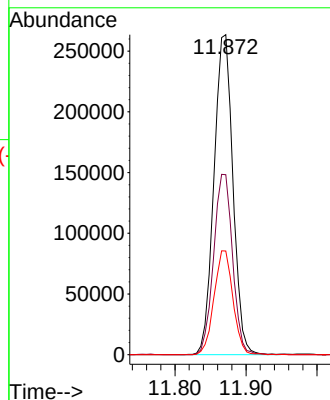
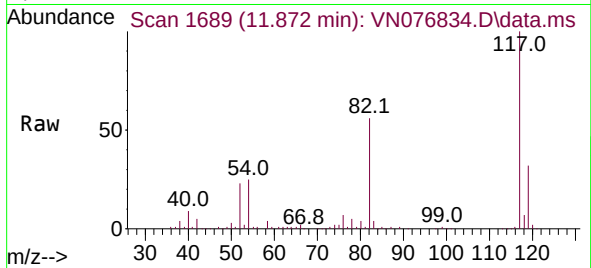




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076834.D
Acq: 28 Feb 2023 17:45

Instrument :
MSVOA_N
ClientSampleId :
MW-1R

Tgt Ion:117 Resp: 488104
Ion Ratio Lower Upper
117 100
82 56.3 43.4 65.2
119 32.4 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN076834.D
Acq: 28 Feb 2023 17:45

Tgt Ion:152 Resp: 181091
Ion Ratio Lower Upper
152 100
115 59.9 29.3 87.9
150 156.9 0.0 349.8

