

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031423\
 Data File : VN076986.D
 Acq On : 14 Mar 2023 16:45
 Operator : JC\MD
 Sample : PB151382ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB151382ZHE#05

Quant Time: Mar 15 04:25:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

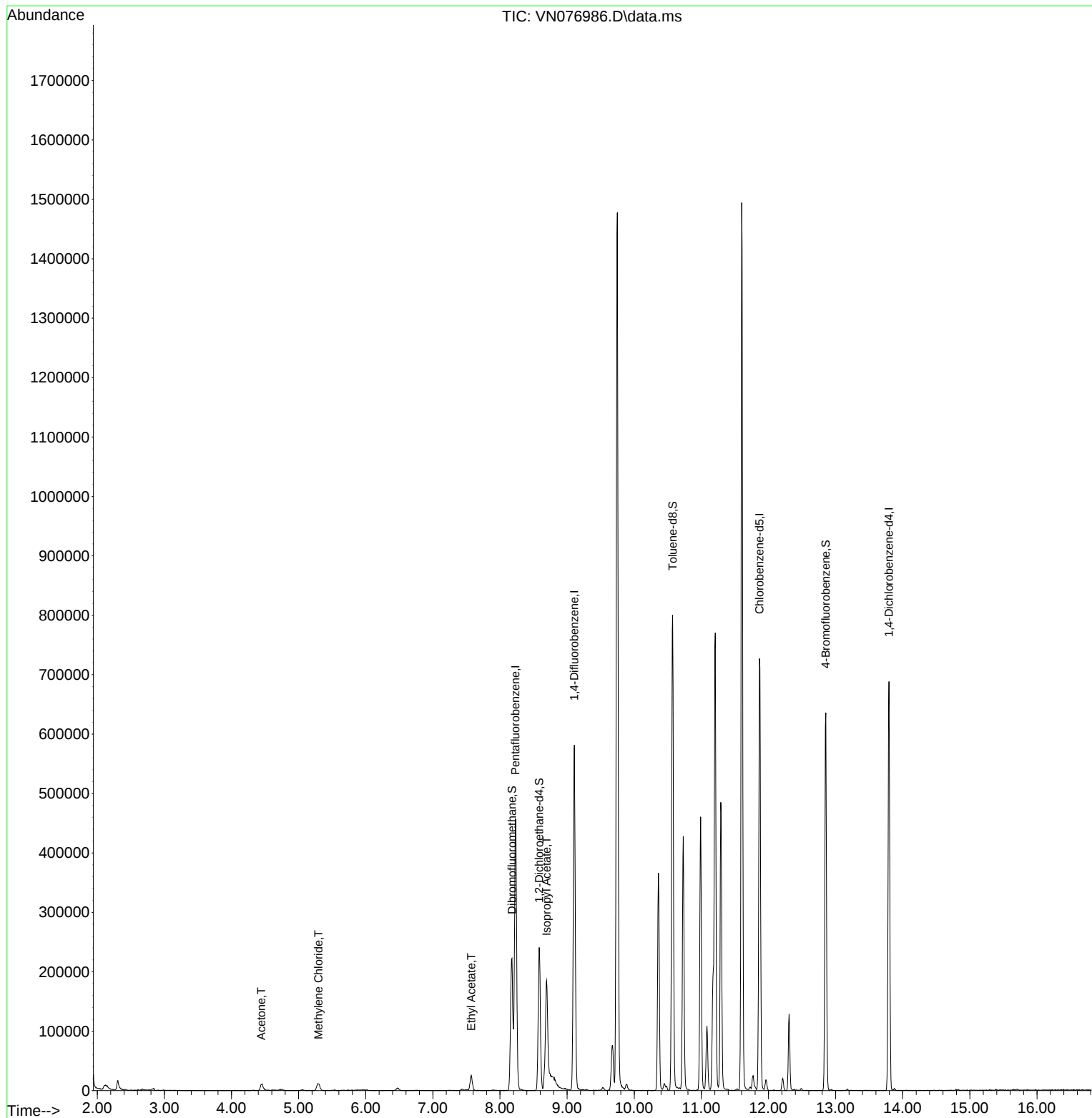
Internal Standards						
1) Pentafluorobenzene	8.230	168	312663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	461548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	413832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	181846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	235496	50.473	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.940%		
35) Dibromofluoromethane	8.178	113	154603	50.260	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.520%		
50) Toluene-d8	10.572	98	545851	48.149	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 96.300%		
62) 4-Bromofluorobenzene	12.854	95	204740	49.375	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 98.760%		
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	22088	13.662	ug/l #	79
20) Methylene Chloride	5.295	84	10989	2.643	ug/l	94
37) Ethyl Acetate	7.572	43	35066	9.217	ug/l	97
43) Isopropyl Acetate	8.695	43	227542	33.880	ug/l #	75

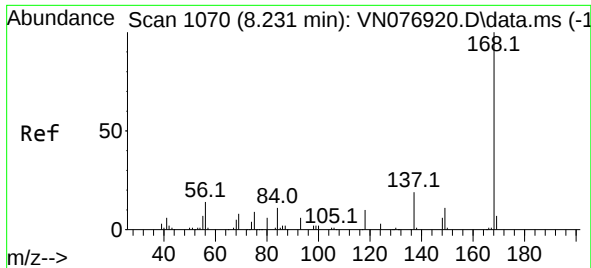
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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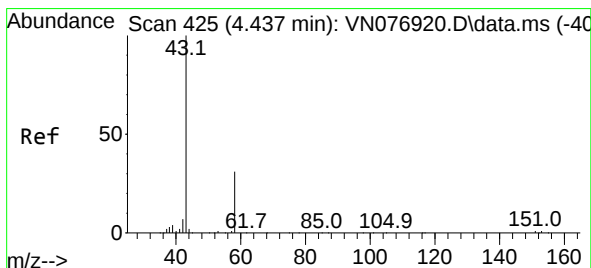
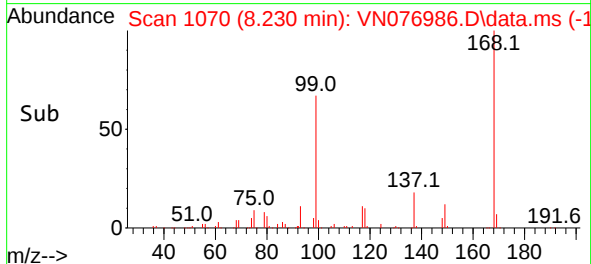
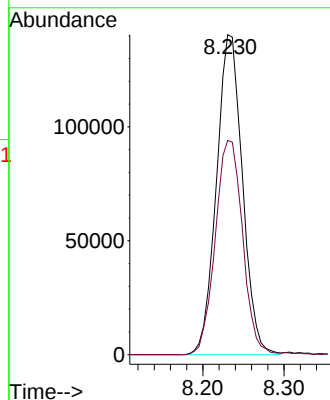
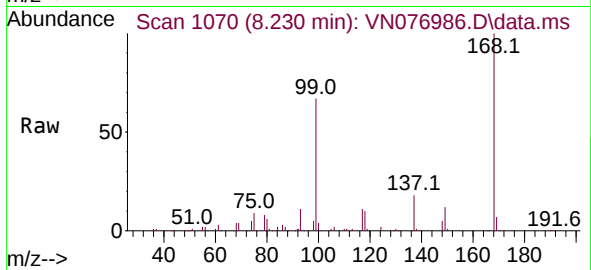




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN076986.D
Acq: 14 Mar 2023 16:45

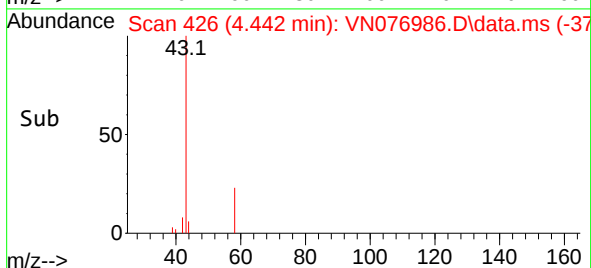
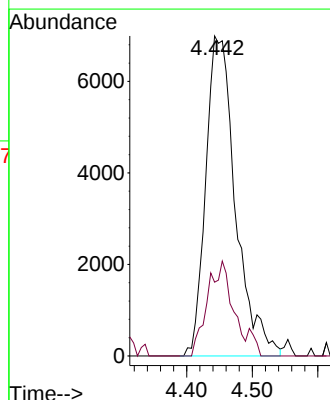
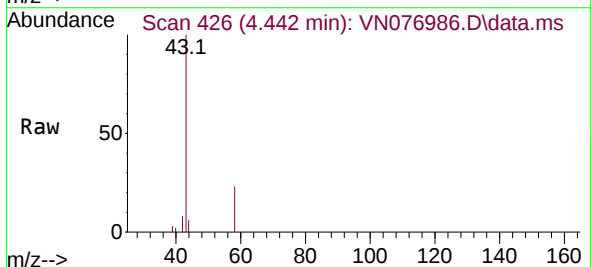
Instrument :
MSVOA_N
ClientSampleId :
PB151382ZHE#05

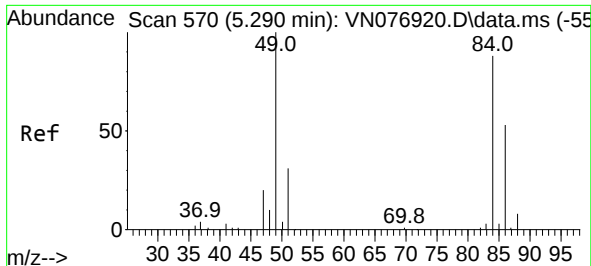
Tgt Ion:168 Resp: 312663
Ion Ratio Lower Upper
168 100
99 66.9 48.6 73.0



#16
Acetone
Concen: 13.662 ug/l
RT: 4.442 min Scan# 426
Delta R.T. 0.005 min
Lab File: VN076986.D
Acq: 14 Mar 2023 16:45

Tgt Ion: 43 Resp: 22088
Ion Ratio Lower Upper
43 100
58 23.0 28.2 42.2#

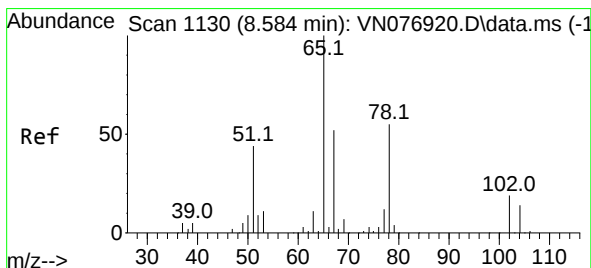
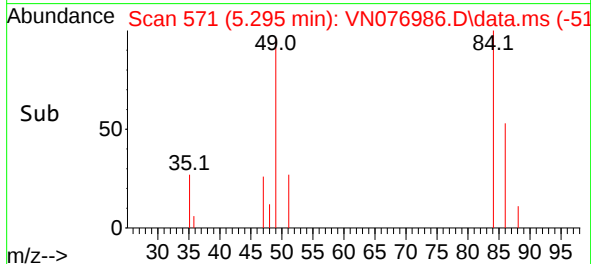
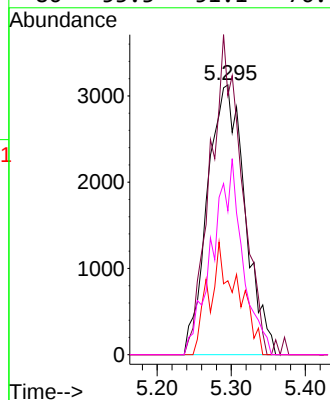
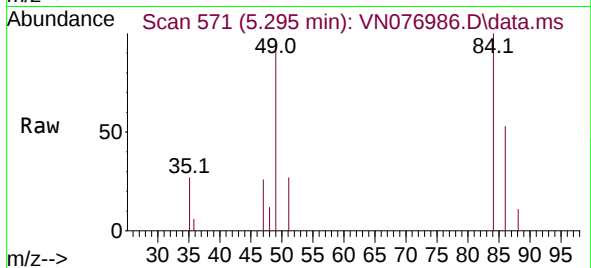




#20
Methylene Chloride
Concen: 2.643 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN076986.D
Acq: 14 Mar 2023 16:45

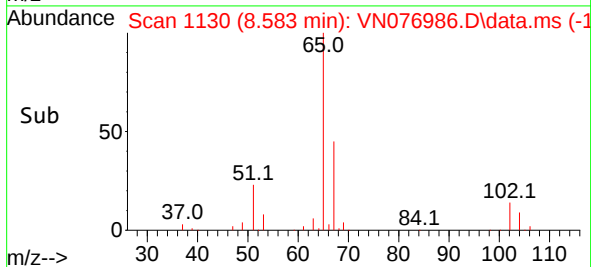
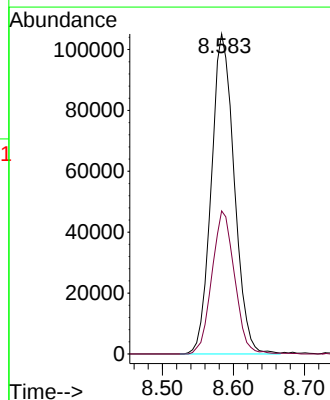
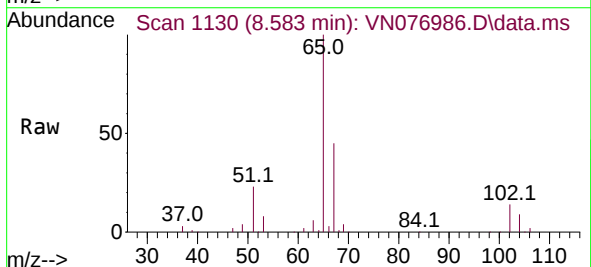
Instrument :
MSVOA_N
ClientSampleId :
PB151382ZHE#05

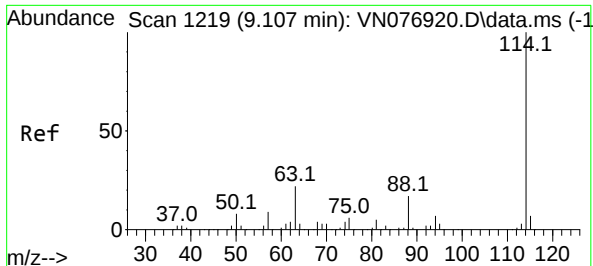
Tgt Ion:	84	Resp:	10989
Ion	Ratio	Lower	Upper
84	100		
49	96.1	76.6	114.8
51	27.4	25.4	38.2
86	53.3	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 50.473 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076986.D
Acq: 14 Mar 2023 16:45

Tgt Ion:	65	Resp:	235496
Ion	Ratio	Lower	Upper
65	100		
67	44.0	0.0	107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076986.D

Acq: 14 Mar 2023 16:45

Instrument :

MSVOA_N

ClientSampleId :

PB151382ZHE#05

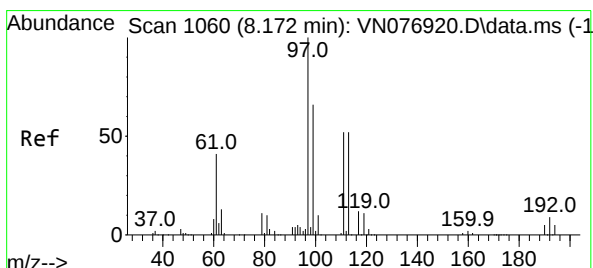
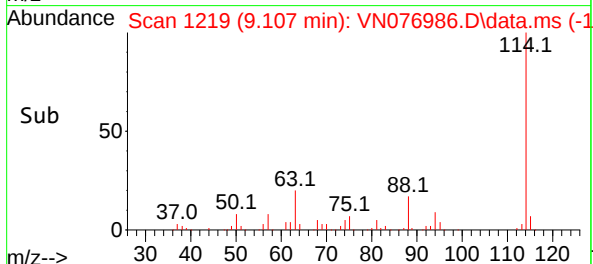
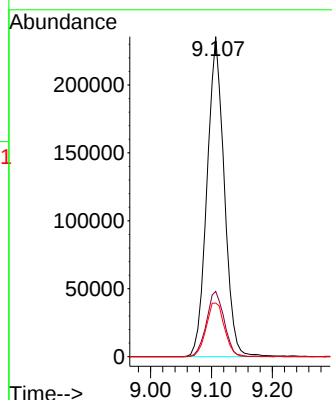
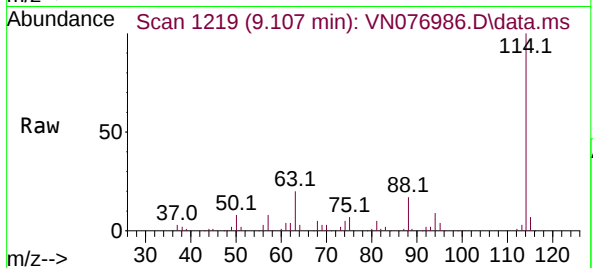
Tgt Ion:114 Resp: 461548

Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.6

88 16.8 0.0 28.6



#35

Dibromofluoromethane

Concen: 50.260 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VN076986.D

Acq: 14 Mar 2023 16:45

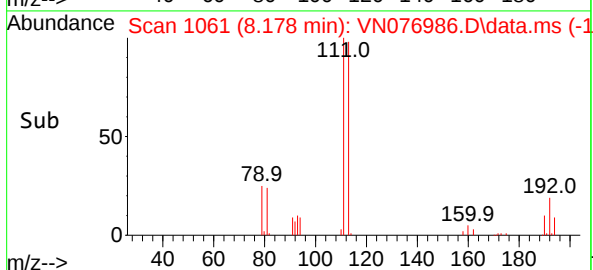
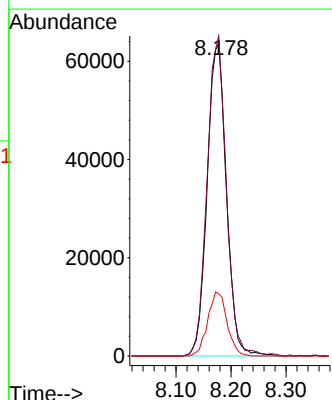
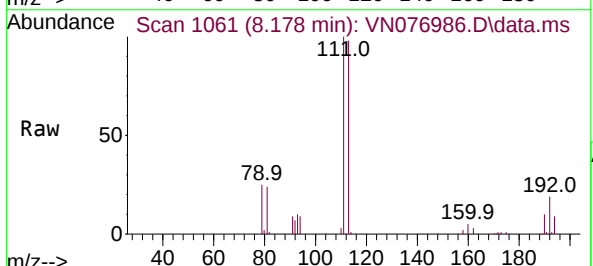
Tgt Ion:113 Resp: 154603

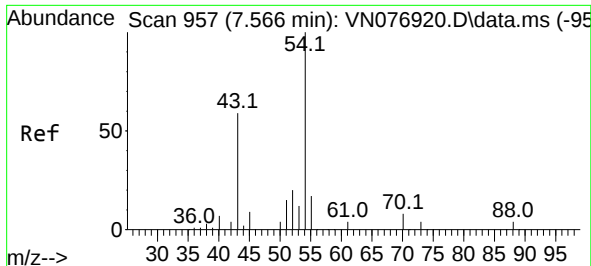
Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.8

192 20.5 13.9 20.9

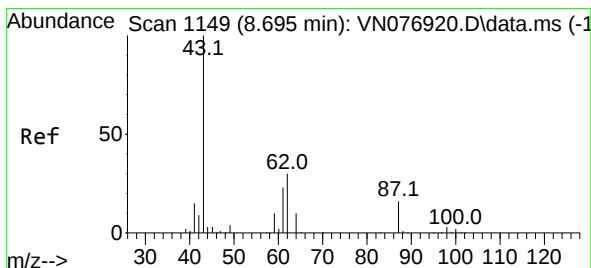
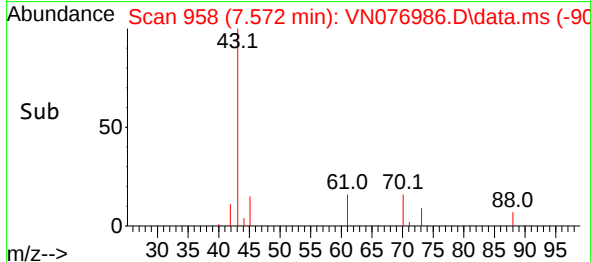
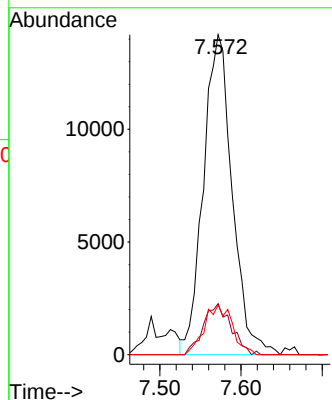
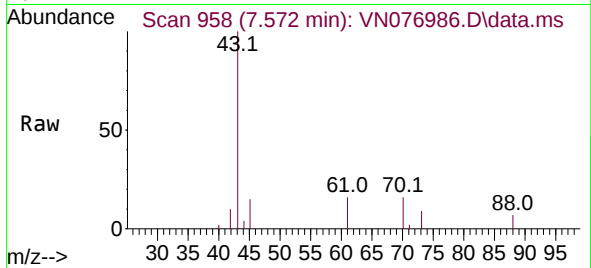




#37
Ethyl Acetate
Concen: 9.217 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076986.D
Acq: 14 Mar 2023 16:45

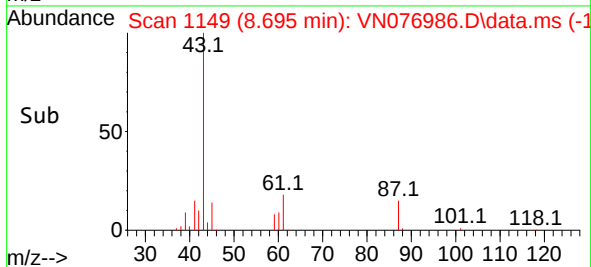
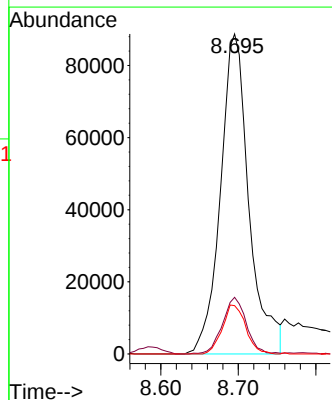
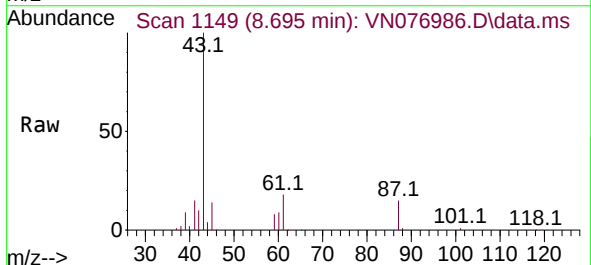
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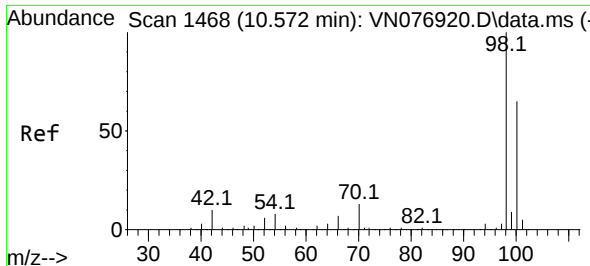
Tgt Ion:	43	Resp:	35066
Ion	Ratio	Lower	Upper
43	100		
61	15.4	13.5	20.3
70	15.1	11.0	16.6



#43
Isopropyl Acetate
Concen: 33.880 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076986.D
Acq: 14 Mar 2023 16:45

Tgt Ion:	43	Resp:	227542
Ion	Ratio	Lower	Upper
43	100		
61	14.8	26.2	39.2#
87	12.5	14.8	22.2#

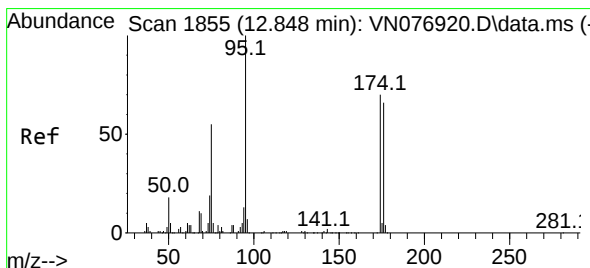
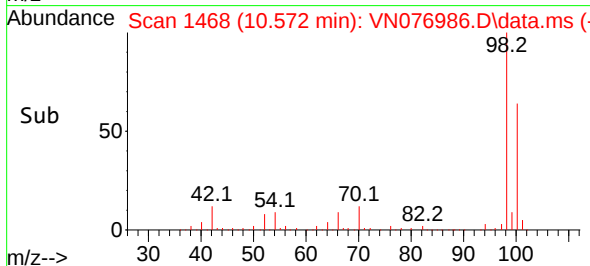
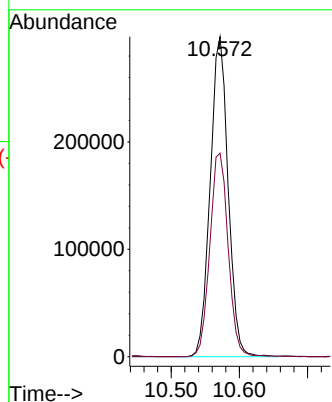
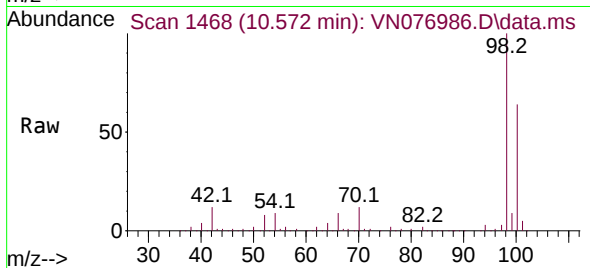




#50
Toluene-d8
Concen: 48.149 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076986.D
Acq: 14 Mar 2023 16:45

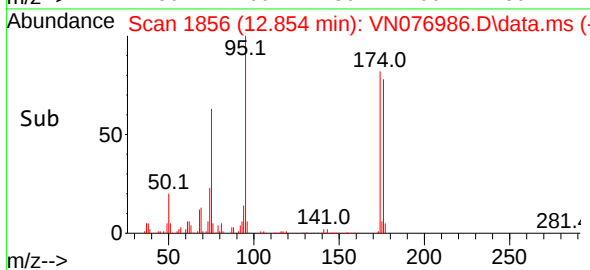
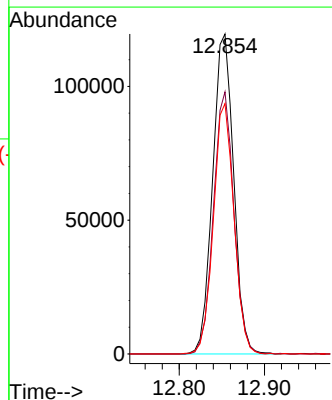
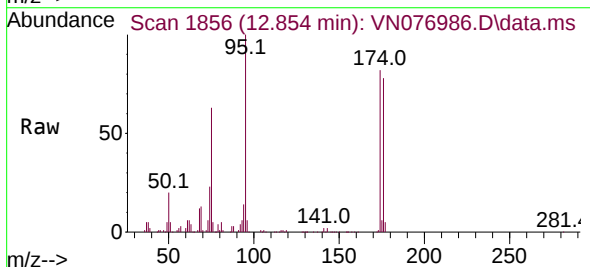
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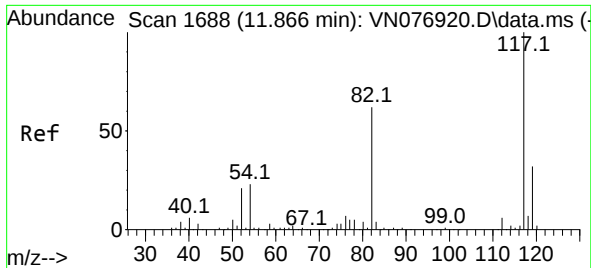
Tgt Ion: 98 Resp: 545851
Ion Ratio Lower Upper
98 100
100 65.1 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 49.375 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076986.D
Acq: 14 Mar 2023 16:45

Tgt Ion: 95 Resp: 204740
Ion Ratio Lower Upper
95 100
174 79.8 0.0 162.4
176 76.6 0.0 157.4

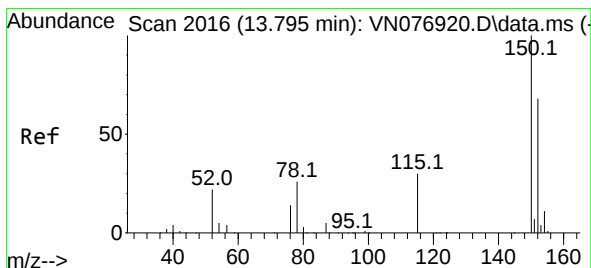
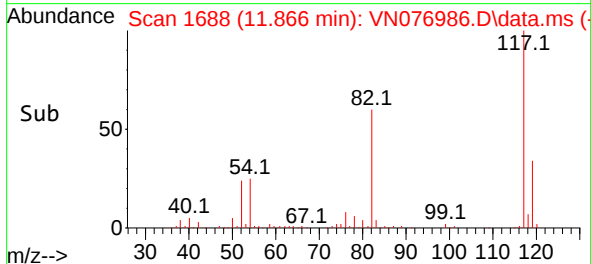
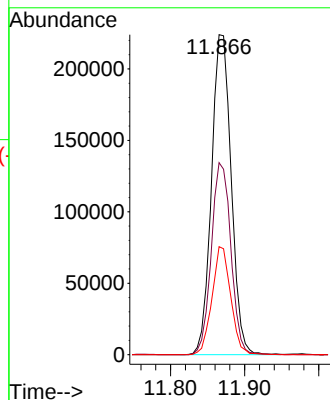
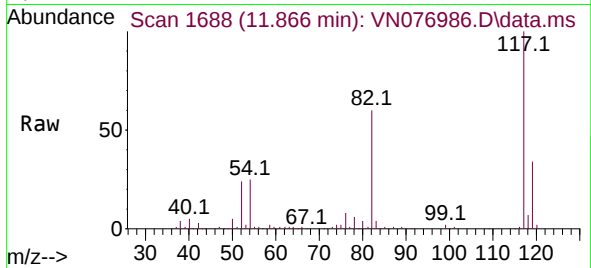




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076986.D
Acq: 14 Mar 2023 16:45

Instrument :
MSVOA_N
ClientSampleId :
PB151382ZHE#05

Tgt Ion:117 Resp: 413832
Ion Ratio Lower Upper
117 100
82 60.0 43.5 65.3
119 33.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076986.D
Acq: 14 Mar 2023 16:45

Tgt Ion:152 Resp: 181846
Ion Ratio Lower Upper
152 100
115 66.3 30.3 90.9
150 154.8 0.0 353.6

