

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031423\
 Data File : VN076988.D
 Acq On : 14 Mar 2023 17:33
 Operator : JC\MD
 Sample : PB151382ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB151382ZHE#07

Quant Time: Mar 15 04:26:59 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)

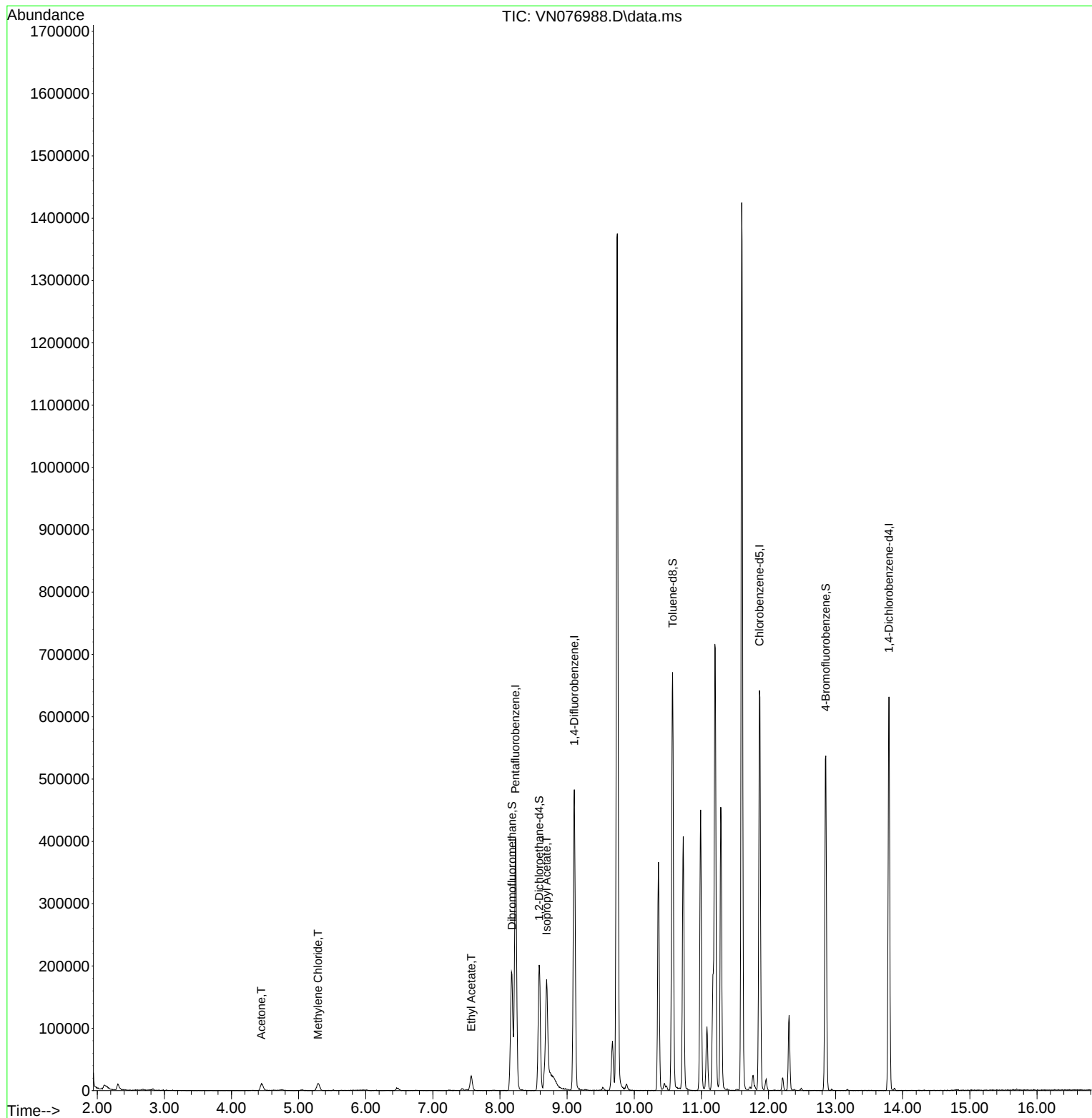
Internal Standards						
1) Pentafluorobenzene	8.230	168	267655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	393665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	357736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	162631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	202263	50.640	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.280%	
35) Dibromofluoromethane	8.178	113	132088	50.345	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.700%	
50) Toluene-d8	10.571	98	461008	47.677	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.360%	
62) 4-Bromofluorobenzene	12.854	95	177888	50.297	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.600%	
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	21801	15.752	ug/l #	79
20) Methylene Chloride	5.289	84	9847	2.767	ug/l #	90
37) Ethyl Acetate	7.572	43	33474	10.316	ug/l	99
43) Isopropyl Acetate	8.695	43	263069	45.924	ug/l #	71

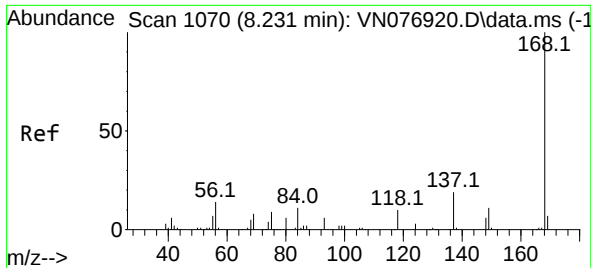
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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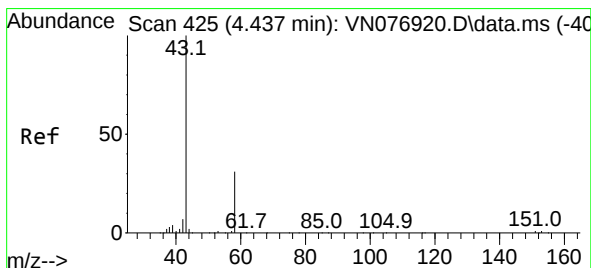
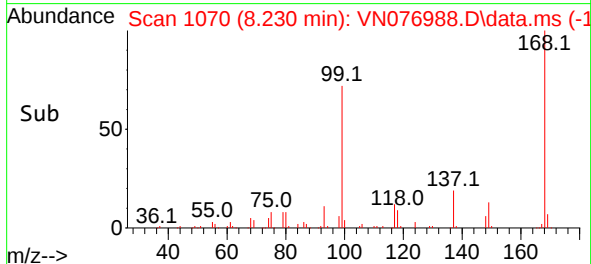
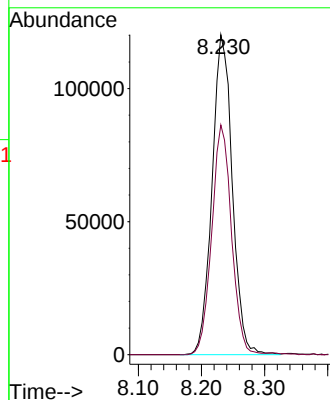
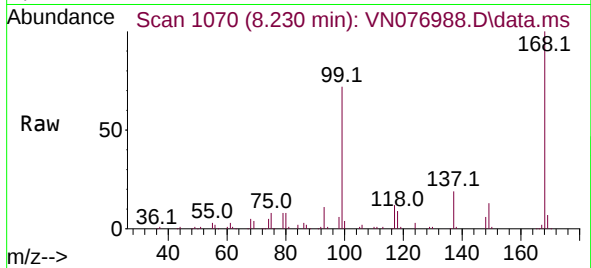




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN076988.D
Acq: 14 Mar 2023 17:33

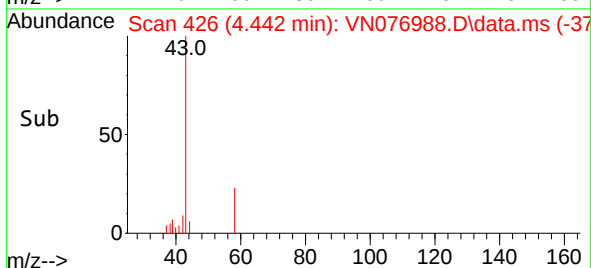
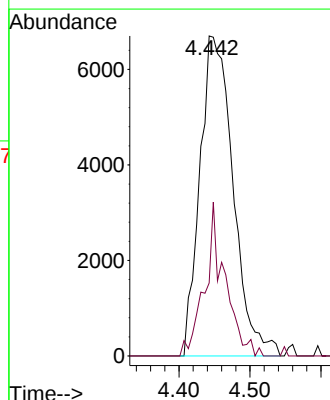
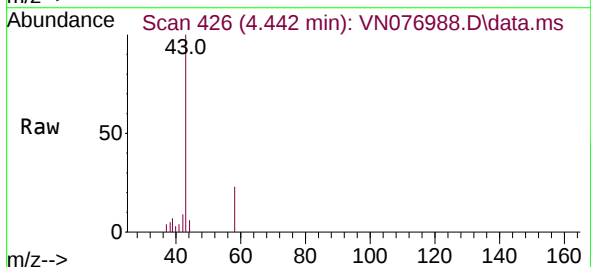
Instrument :
MSVOA_N
ClientSampleId :
PB151382ZHE#07

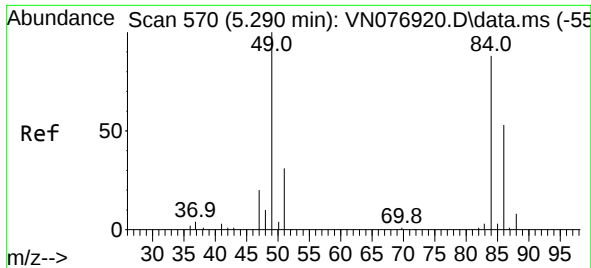
Tgt Ion:168 Resp: 267655
Ion Ratio Lower Upper
168 100
99 71.8 48.6 73.0



#16
Acetone
Concen: 15.752 ug/l
RT: 4.442 min Scan# 426
Delta R.T. 0.005 min
Lab File: VN076988.D
Acq: 14 Mar 2023 17:33

Tgt Ion: 43 Resp: 21801
Ion Ratio Lower Upper
43 100
58 22.8 28.2 42.2#

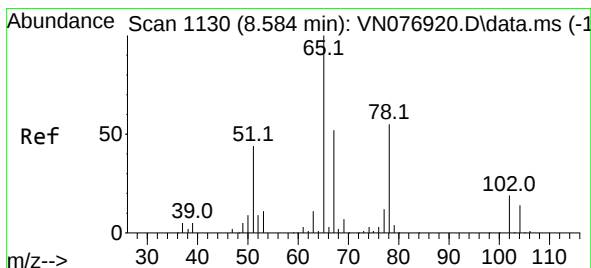
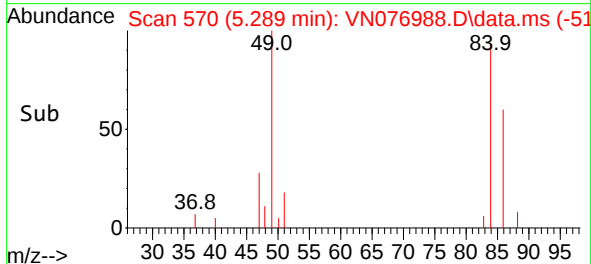
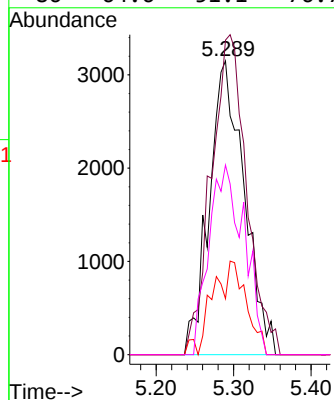
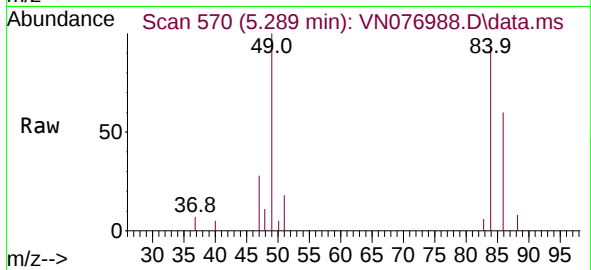




#20
Methylene Chloride
Concen: 2.767 ug/l
RT: 5.289 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN076988.D
Acq: 14 Mar 2023 17:33

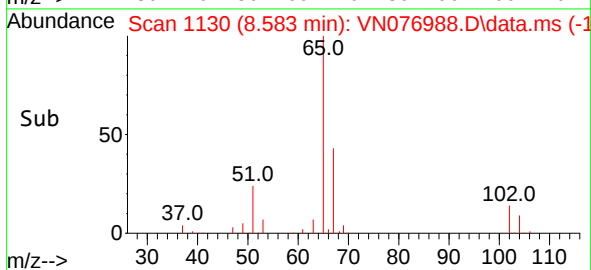
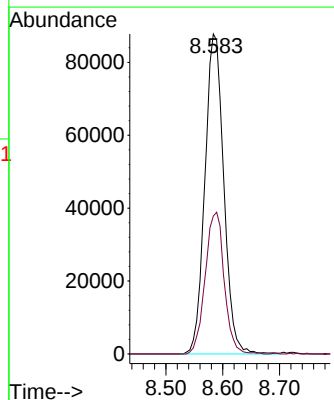
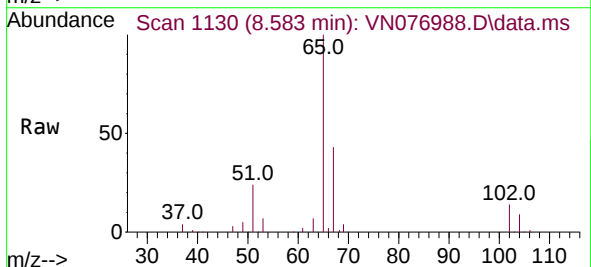
Instrument :
MSVOA_N
ClientSampleId :
PB151382ZHE#07

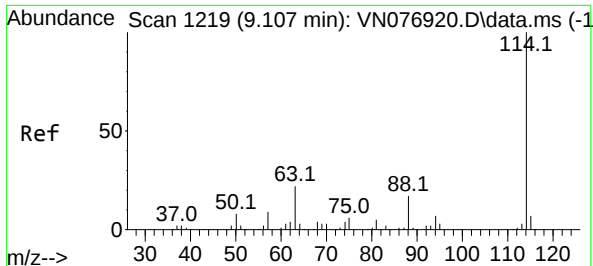
Tgt Ion:	84	Resp:	9847
Ion	Ratio	Lower	Upper
84	100		
49	107.1	76.6	114.8
51	19.1	25.4	38.2#
86	64.6	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 50.640 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076988.D
Acq: 14 Mar 2023 17:33

Tgt Ion:	65	Resp:	202263
Ion	Ratio	Lower	Upper
65	100		
67	44.5	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: VN076988.D

Acq: 14 Mar 2023 17:33

Instrument :

MSVOA_N

ClientSampleId :

PB151382ZHE#07

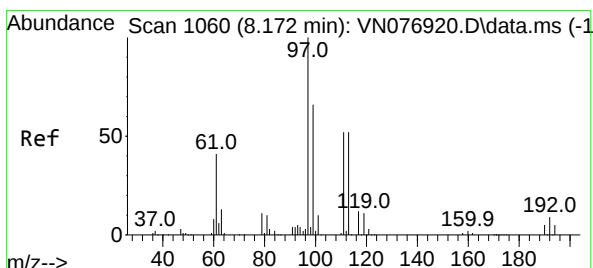
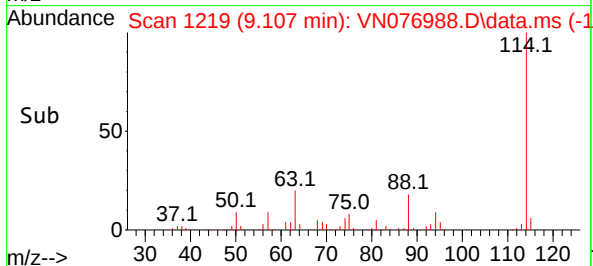
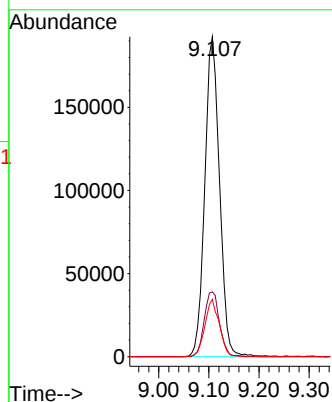
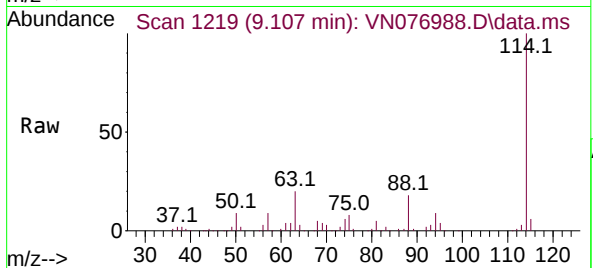
Tgt Ion:114 Resp: 393665

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.6

88 17.9 0.0 28.6



#35

Dibromofluoromethane

Concen: 50.345 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VN076988.D

Acq: 14 Mar 2023 17:33

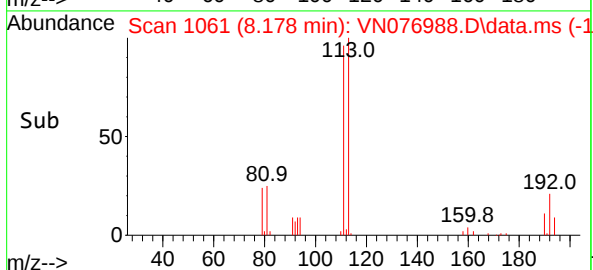
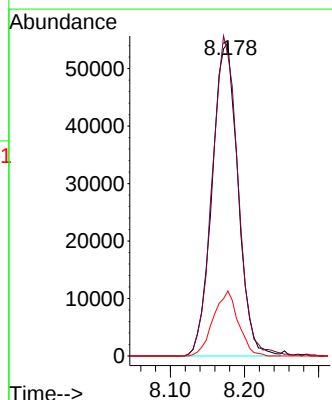
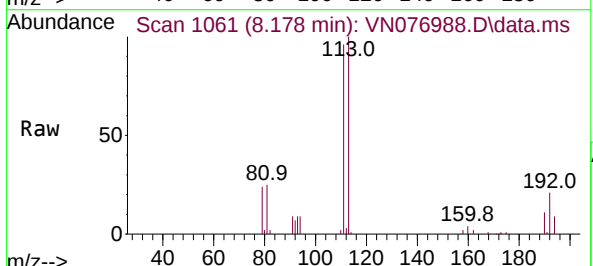
Tgt Ion:113 Resp: 132088

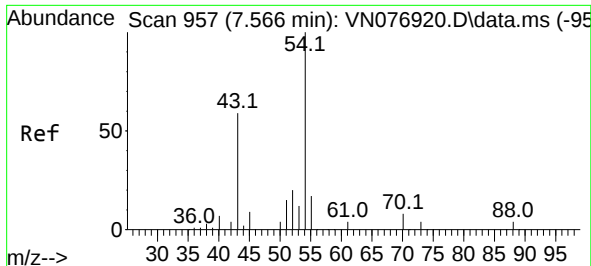
Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.8

192 20.0 13.9 20.9

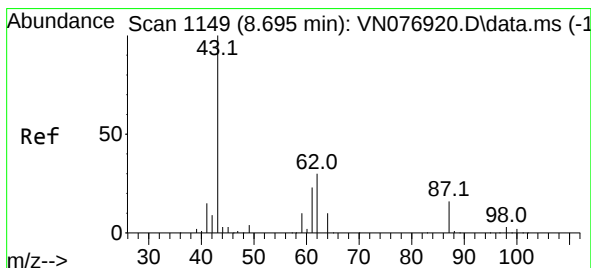
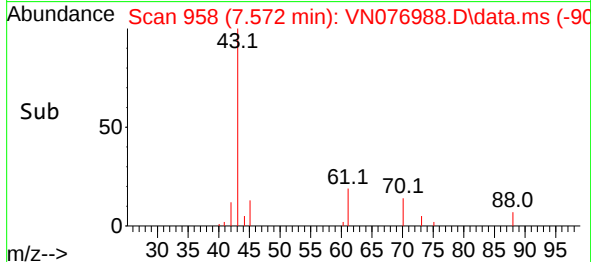
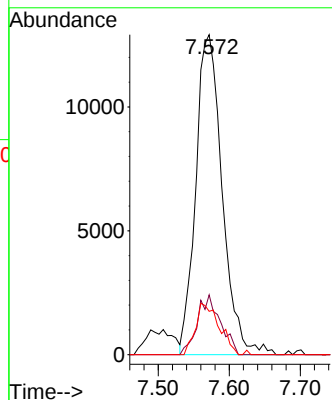
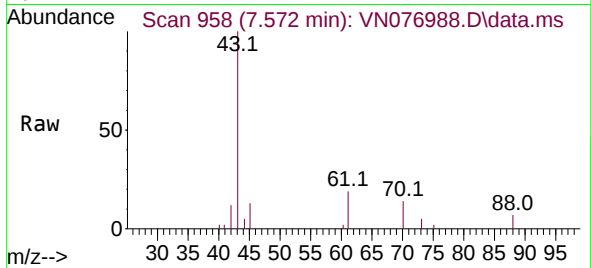




#37
Ethyl Acetate
Concen: 10.316 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076988.D
Acq: 14 Mar 2023 17:33

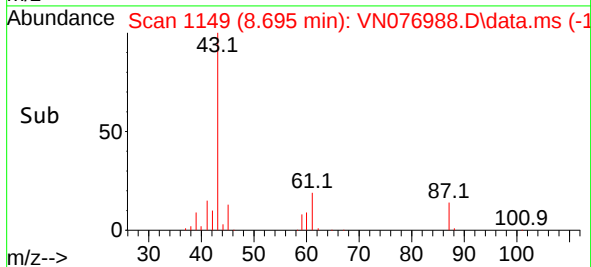
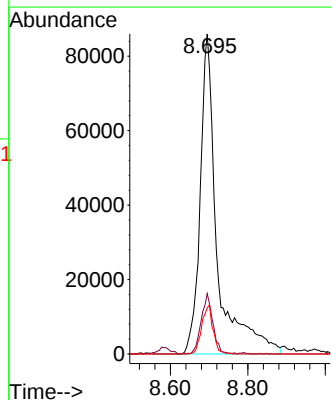
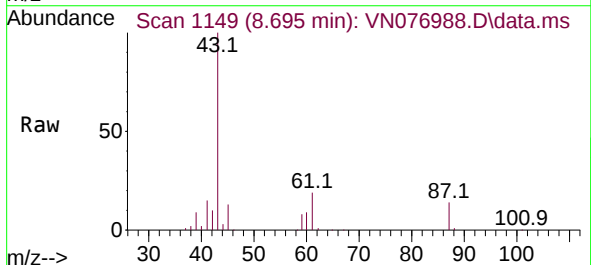
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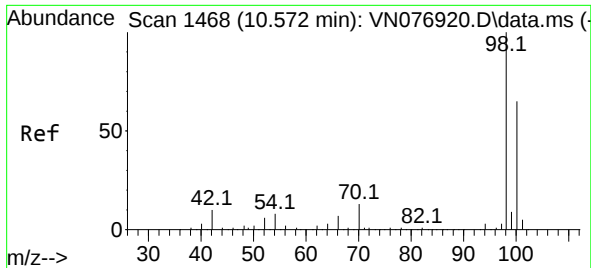
Tgt Ion: 43 Resp: 33474
Ion Ratio Lower Upper
43 100
61 16.3 13.5 20.3
70 14.4 11.0 16.6



#43
Isopropyl Acetate
Concen: 45.924 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076988.D
Acq: 14 Mar 2023 17:33

Tgt Ion: 43 Resp: 263069
Ion Ratio Lower Upper
43 100
61 12.8 26.2 39.2#
87 10.0 14.8 22.2#

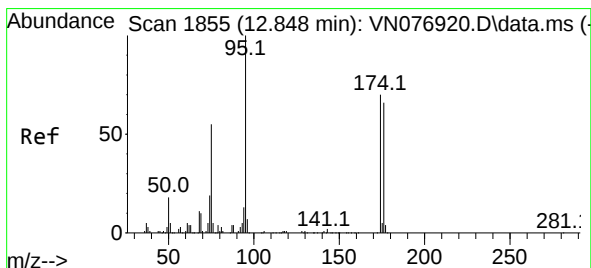
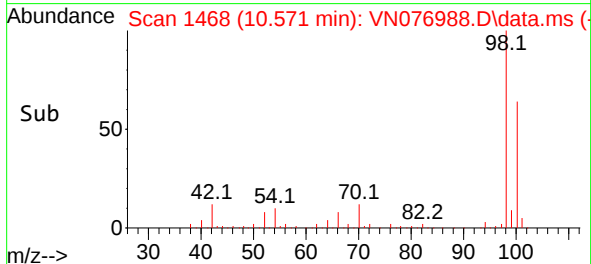
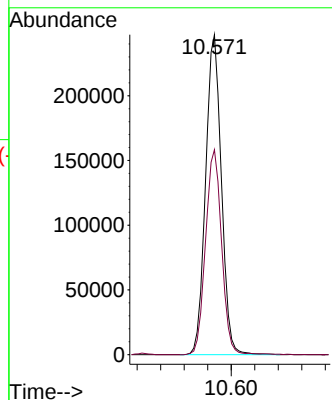
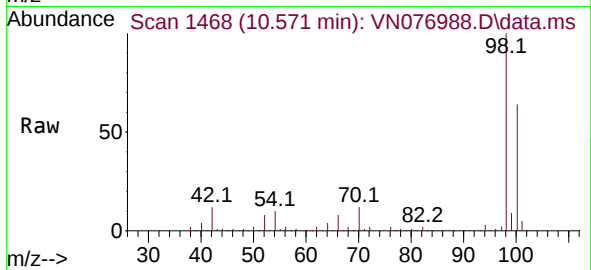




#50
Toluene-d8
Concen: 47.677 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VN076988.D
Acq: 14 Mar 2023 17:33

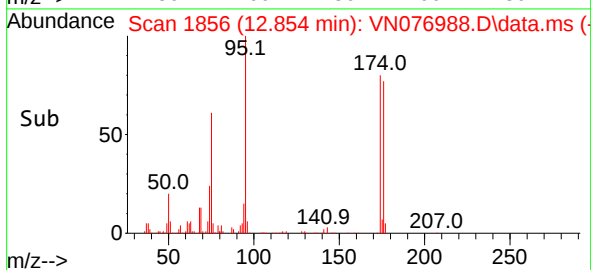
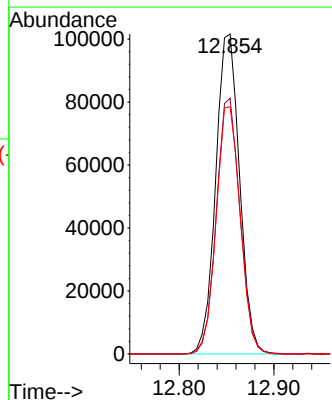
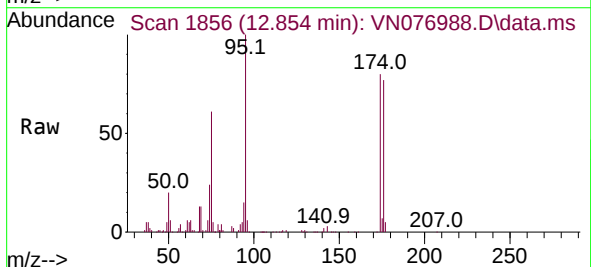
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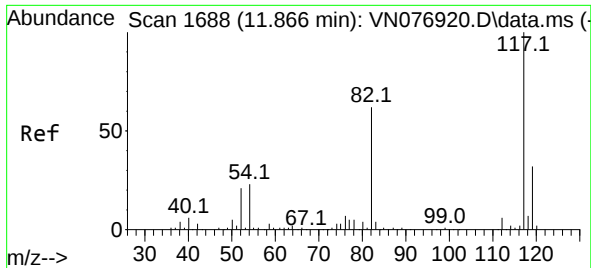
Tgt Ion: 98 Resp: 461008
Ion Ratio Lower Upper
98 100
100 65.0 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 50.297 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076988.D
Acq: 14 Mar 2023 17:33

Tgt Ion: 95 Resp: 177888
Ion Ratio Lower Upper
95 100
174 79.3 0.0 162.4
176 77.6 0.0 157.4

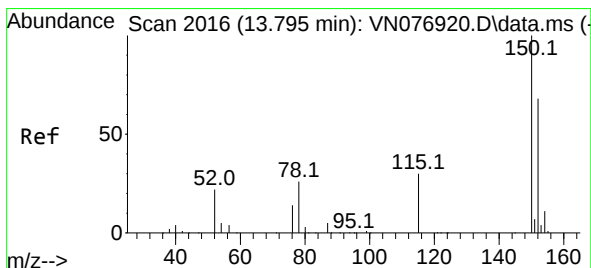
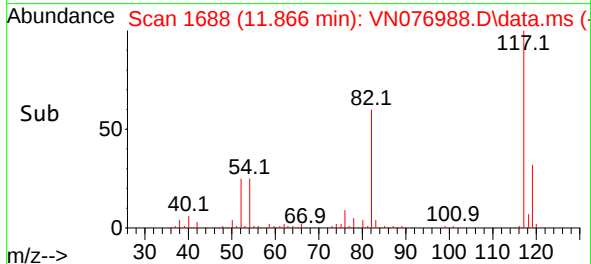
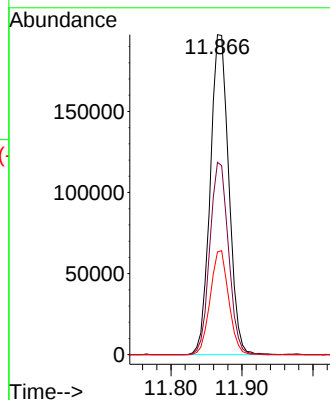
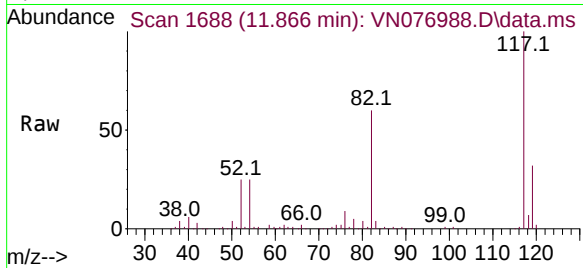




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076988.D
Acq: 14 Mar 2023 17:33

Instrument :
MSVOA_N
ClientSampleId :
PB151382ZHE#07

Tgt Ion:117 Resp: 357736
Ion Ratio Lower Upper
117 100
82 60.1 43.5 65.3
119 32.1 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: VN076988.D
Acq: 14 Mar 2023 17:33

Tgt Ion:152 Resp: 162631
Ion Ratio Lower Upper
152 100
115 66.9 30.3 90.9
150 153.8 0.0 353.6

