

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
 Data File : VN076931.D
 Acq On : 10 Mar 2023 18:01
 Operator : JC\MD
 Sample : PB151321TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB151321TB

Quant Time: Mar 13 01:21:48 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)

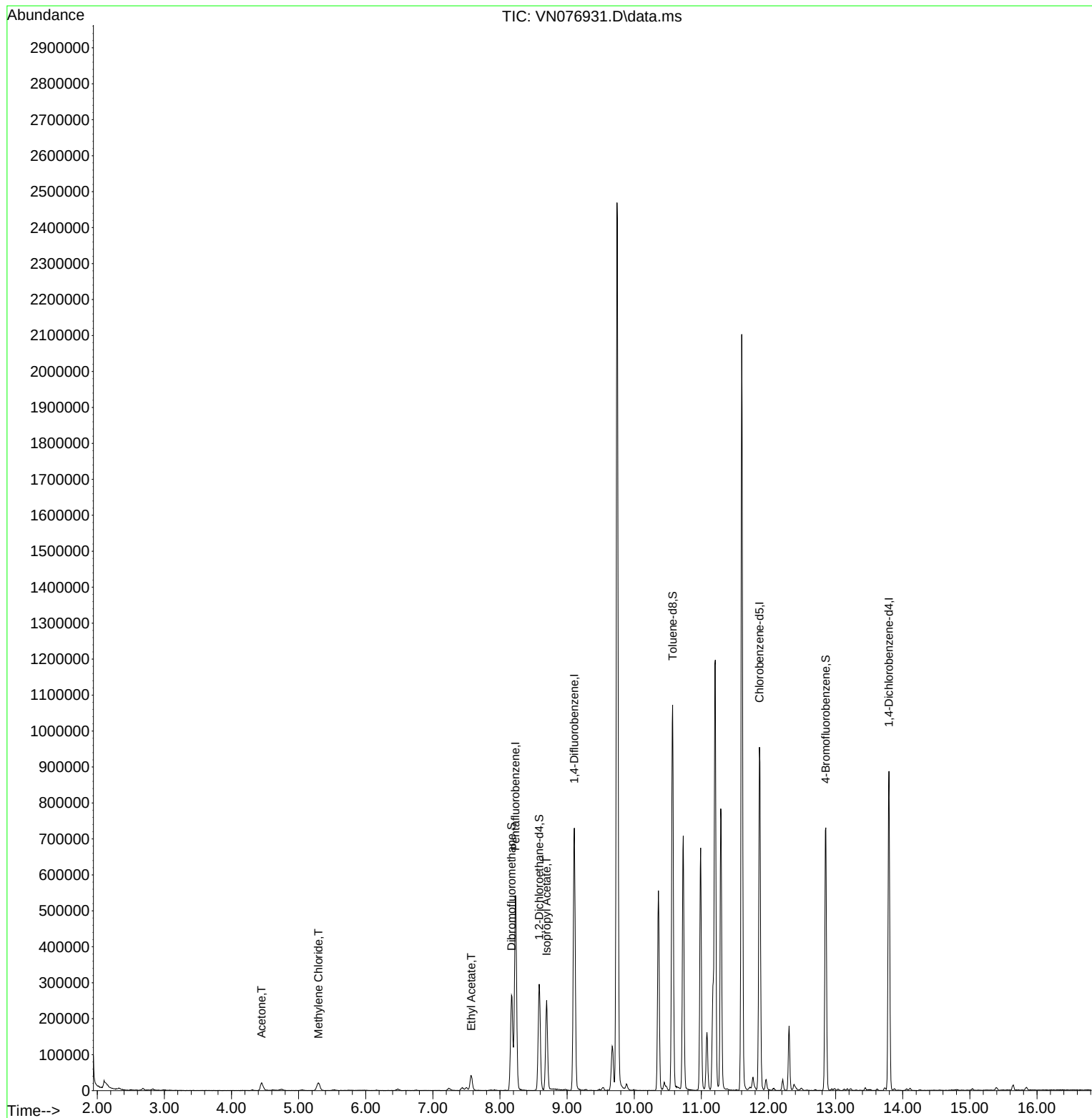
Internal Standards						
1) Pentafluorobenzene	8.230	168	374698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	617391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	547290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	234905	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	263953	47.206	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.420%
35) Dibromofluoromethane	8.172	113	190330	46.256	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.520%
50) Toluene-d8	10.571	98	737284	48.619	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.240%
62) 4-Bromofluorobenzene	12.854	95	269733	48.629	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.260%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	40290	20.794	ug/l #	86
20) Methylene Chloride	5.295	84	18947	3.803	ug/l #	85
37) Ethyl Acetate	7.572	43	60769	11.941	ug/l	99
43) Isopropyl Acetate	8.695	43	268686	29.908	ug/l #	84

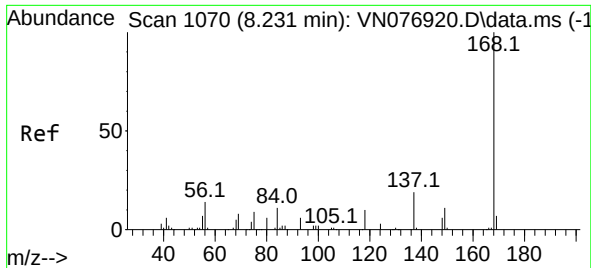
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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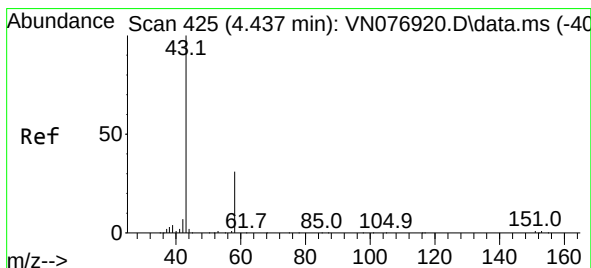
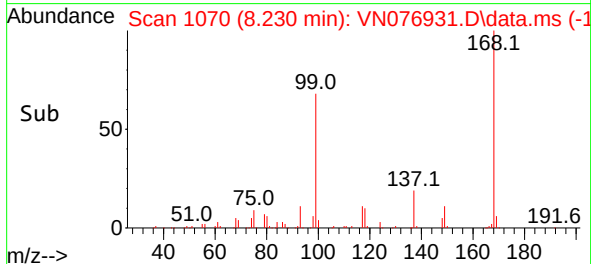
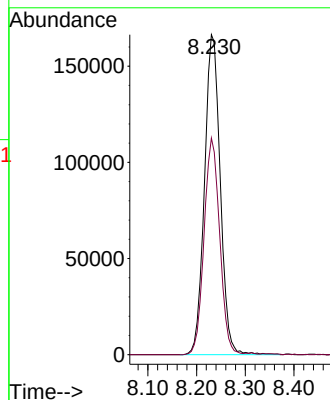
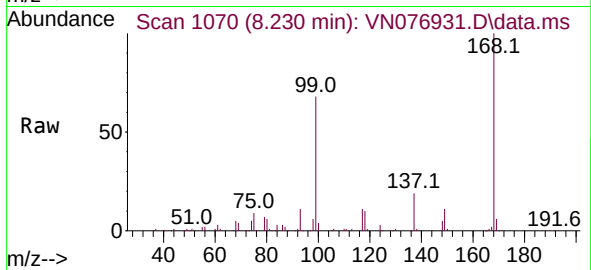




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN076931.D
Acq: 10 Mar 2023 18:01

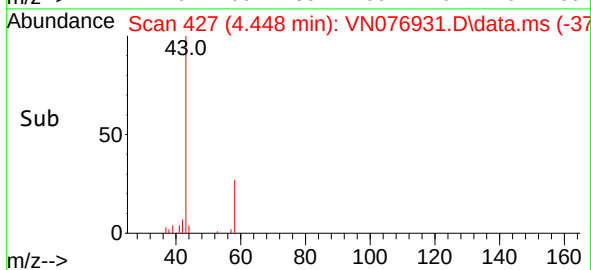
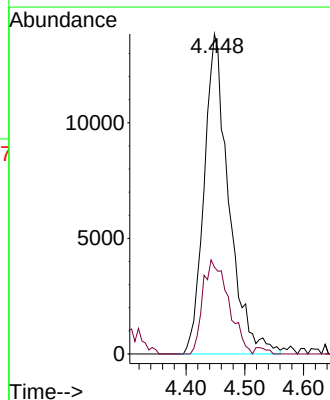
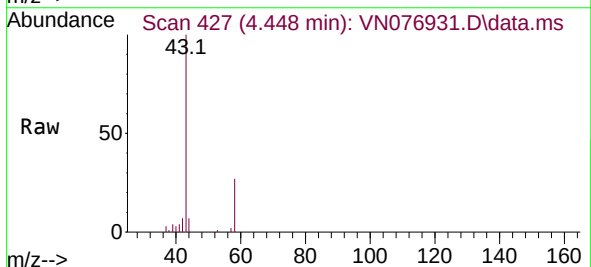
Instrument :
MSVOA_N
ClientSampleId :
PB151321TB

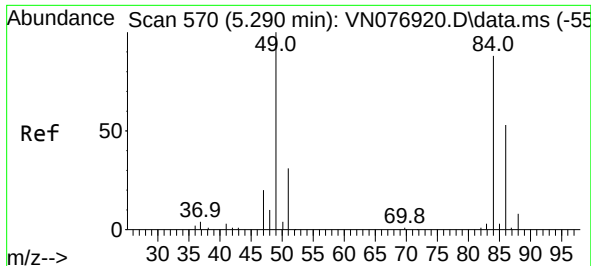
Tgt Ion:168 Resp: 374698
Ion Ratio Lower Upper
168 100
99 67.7 48.6 73.0



#16
Acetone
Concen: 20.794 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.012 min
Lab File: VN076931.D
Acq: 10 Mar 2023 18:01

Tgt Ion: 43 Resp: 40290
Ion Ratio Lower Upper
43 100
58 27.1 28.2 42.2#

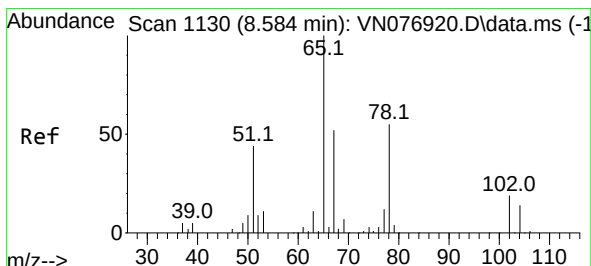
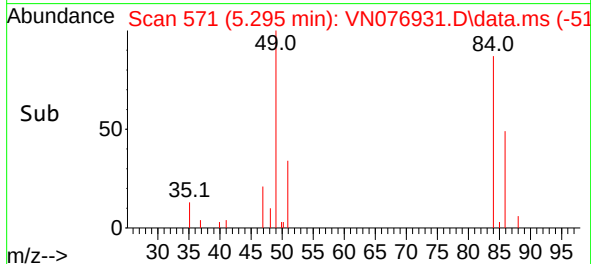
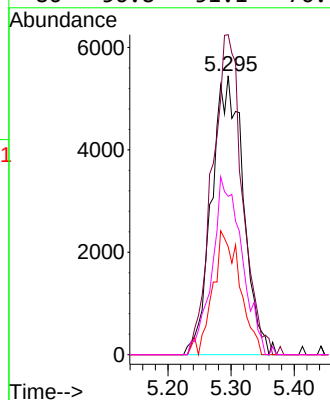
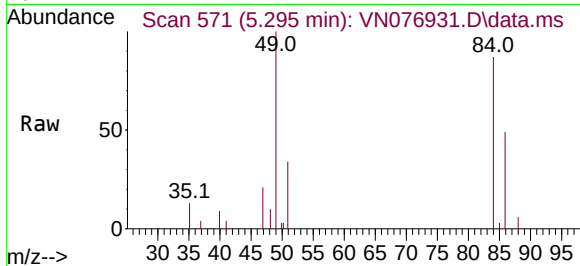




#20
Methylene Chloride
Concen: 3.803 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076931.D
Acq: 10 Mar 2023 18:01

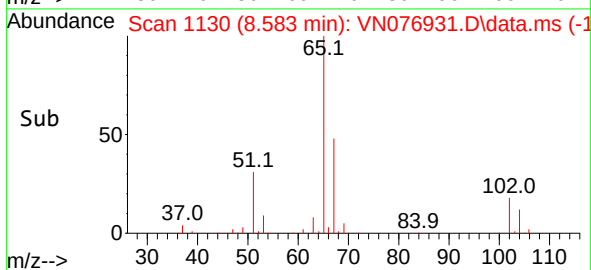
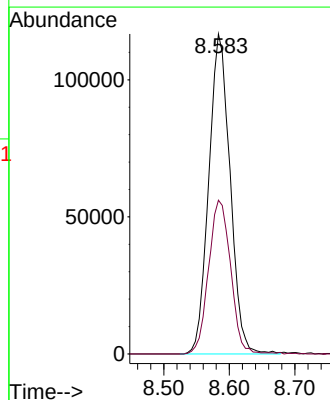
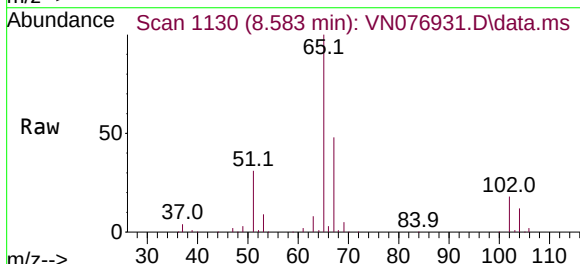
Instrument :
MSVOA_N
ClientSampleId :
PB151321TB

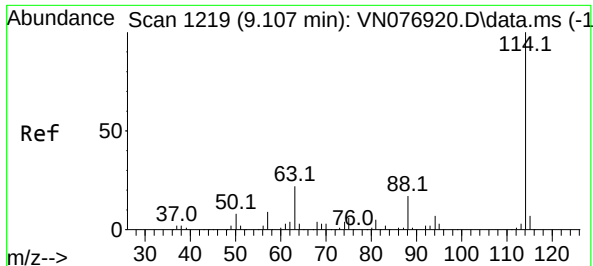
Tgt Ion: 84	Resp: 18947
Ion Ratio	Lower Upper
84 100	
49 114.7	76.6 114.8
51 38.6	25.4 38.2#
86 56.8	51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 47.206 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076931.D
Acq: 10 Mar 2023 18:01

Tgt Ion: 65	Resp: 263953
Ion Ratio	Lower Upper
65 100	
67 49.4	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: VN076931.D

Acq: 10 Mar 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

PB151321TB

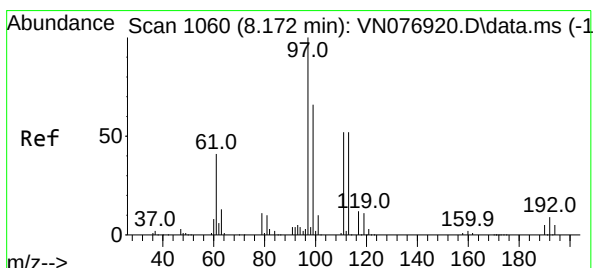
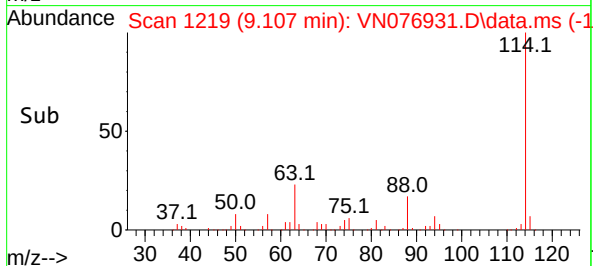
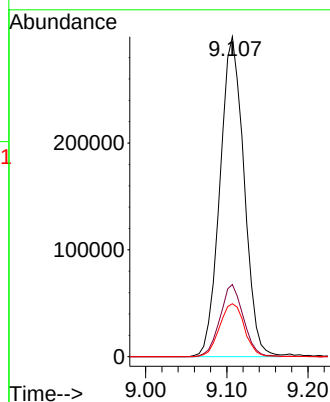
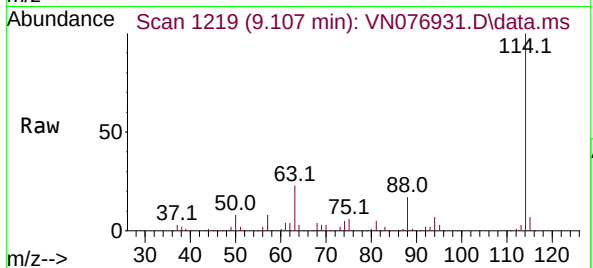
Tgt Ion:114 Resp: 617391

Ion Ratio Lower Upper

114 100

63 22.5 0.0 36.6

88 16.6 0.0 28.6



#35

Dibromofluoromethane

Concen: 46.256 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076931.D

Acq: 10 Mar 2023 18:01

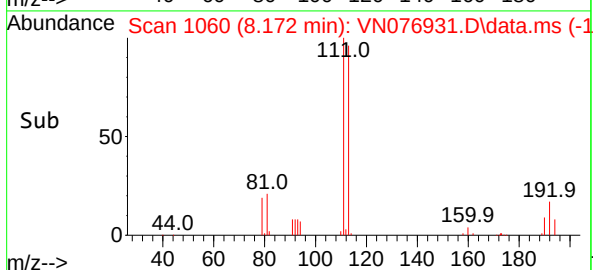
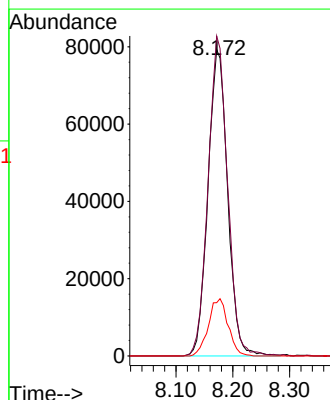
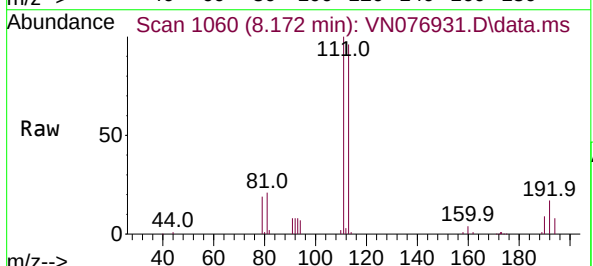
Tgt Ion:113 Resp: 190330

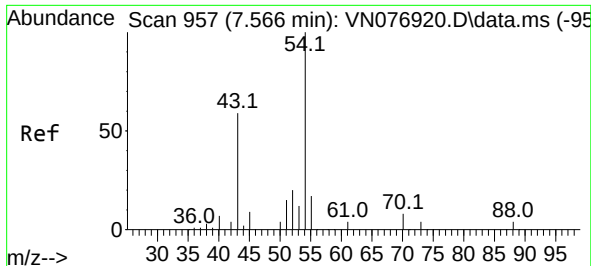
Ion Ratio Lower Upper

113 100

111 103.7 81.8 122.8

192 18.7 13.9 20.9

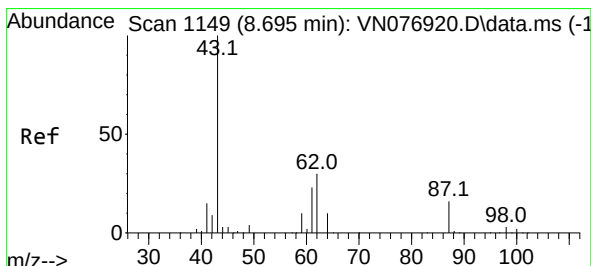
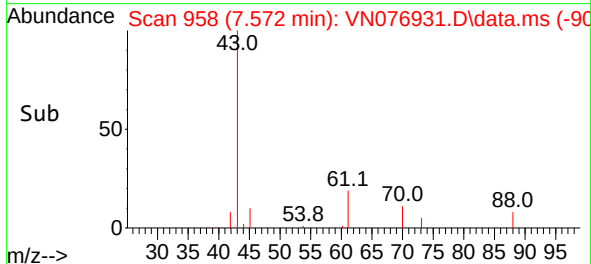
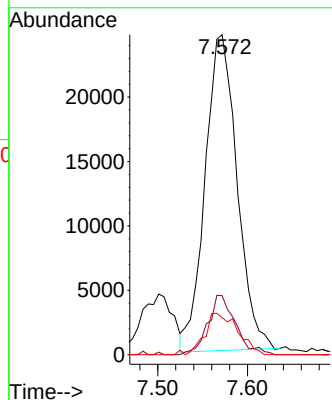
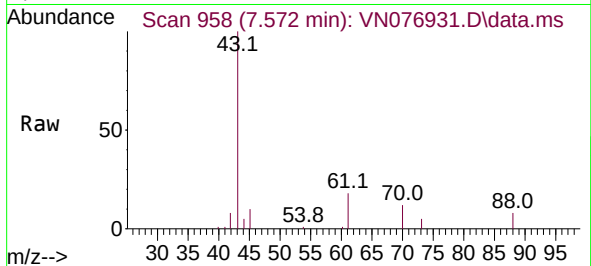




#37
Ethyl Acetate
Concen: 11.941 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076931.D
Acq: 10 Mar 2023 18:01

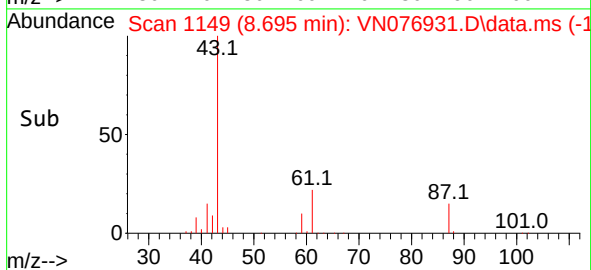
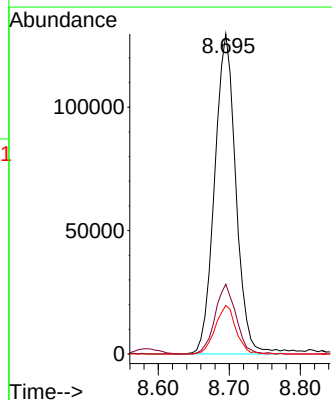
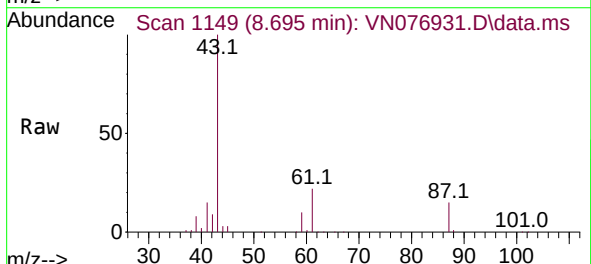
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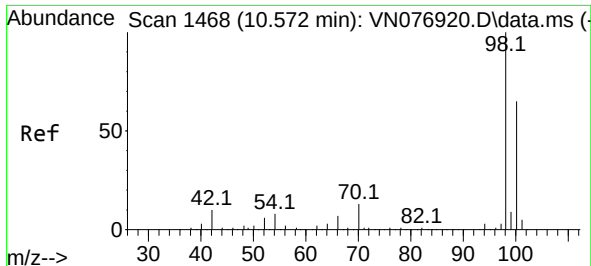
Tgt Ion:	43	Resp:	60769
Ion	Ratio	Lower	Upper
43	100		
61	16.3	13.5	20.3
70	13.6	11.0	16.6



#43
Isopropyl Acetate
Concen: 29.908 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN076931.D
Acq: 10 Mar 2023 18:01

Tgt Ion:	43	Resp:	268686
Ion	Ratio	Lower	Upper
43	100		
61	21.6	26.2	39.2#
87	14.7	14.8	22.2#

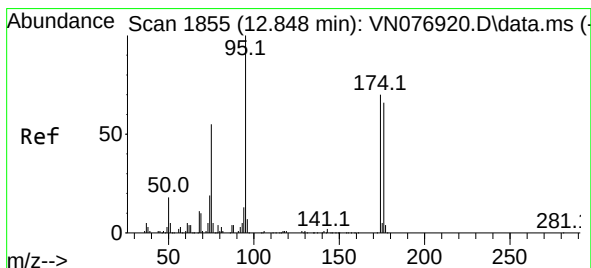
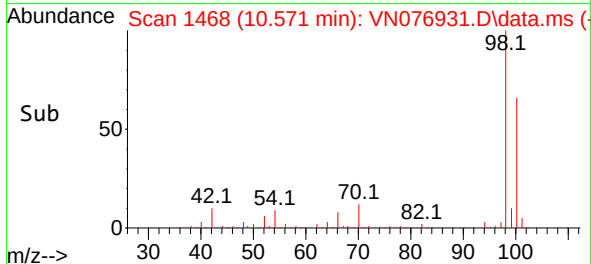
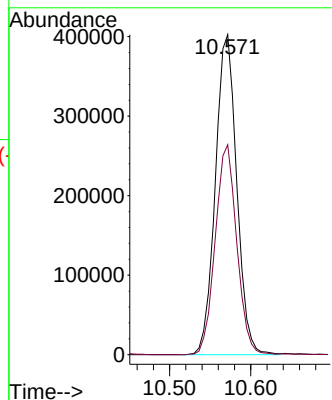
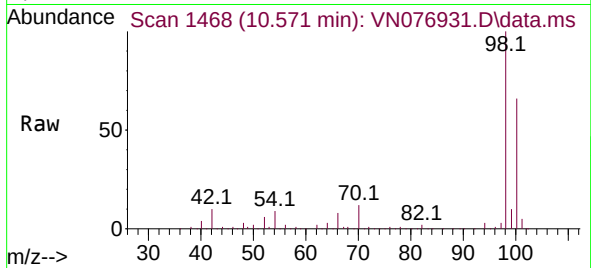




#50
Toluene-d8
Concen: 48.619 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076931.D
Acq: 10 Mar 2023 18:01

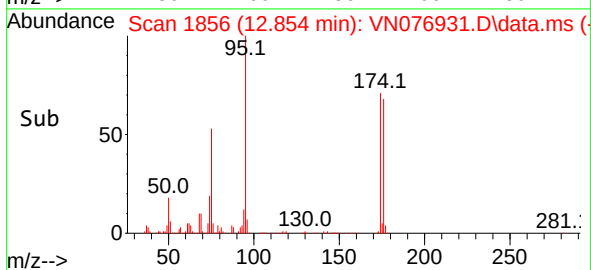
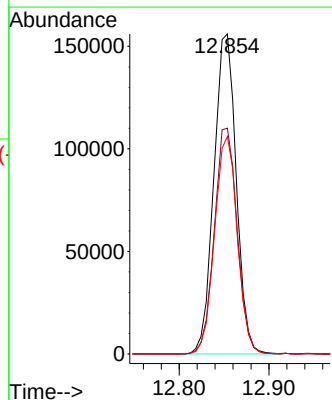
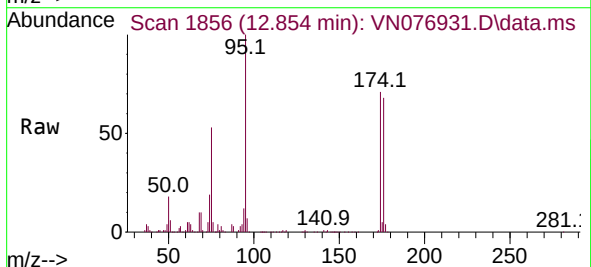
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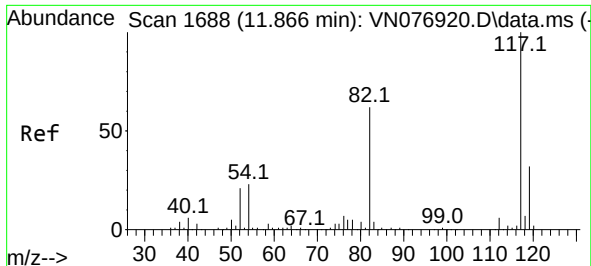
Tgt Ion: 98 Resp: 737284
Ion Ratio Lower Upper
98 100
100 66.3 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 48.629 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076931.D
Acq: 10 Mar 2023 18:01

Tgt Ion: 95 Resp: 269733
Ion Ratio Lower Upper
95 100
174 72.2 0.0 162.4
176 68.9 0.0 157.4

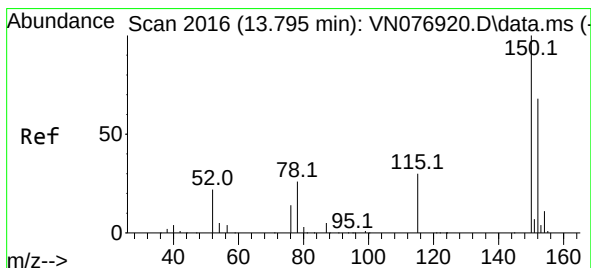
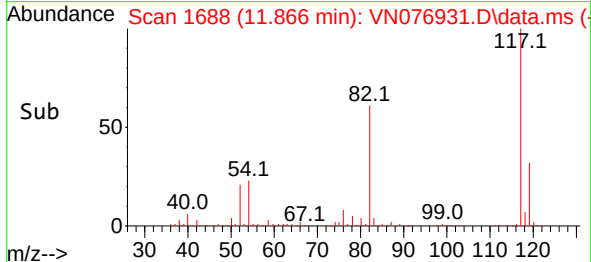
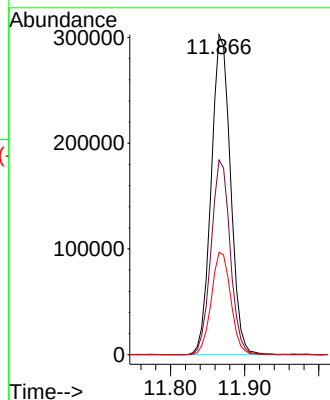
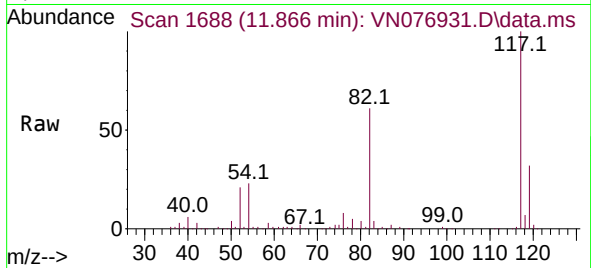




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076931.D
Acq: 10 Mar 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :
PB151321TB

Tgt Ion:117 Resp: 547290
Ion Ratio Lower Upper
117 100
82 60.8 43.5 65.3
119 32.0 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: VN076931.D
Acq: 10 Mar 2023 18:01

Tgt Ion:152 Resp: 234905
Ion Ratio Lower Upper
152 100
115 65.6 30.3 90.9
150 155.7 0.0 353.6

