

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030923\
 Data File : VN076908.D
 Acq On : 09 Mar 2023 17:39
 Operator : JC\MD
 Sample : PB151321ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB151321ZHE#01

Quant Time: Mar 10 03:48:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 07 08:45:33 2023
 Response via : Initial Calibration

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

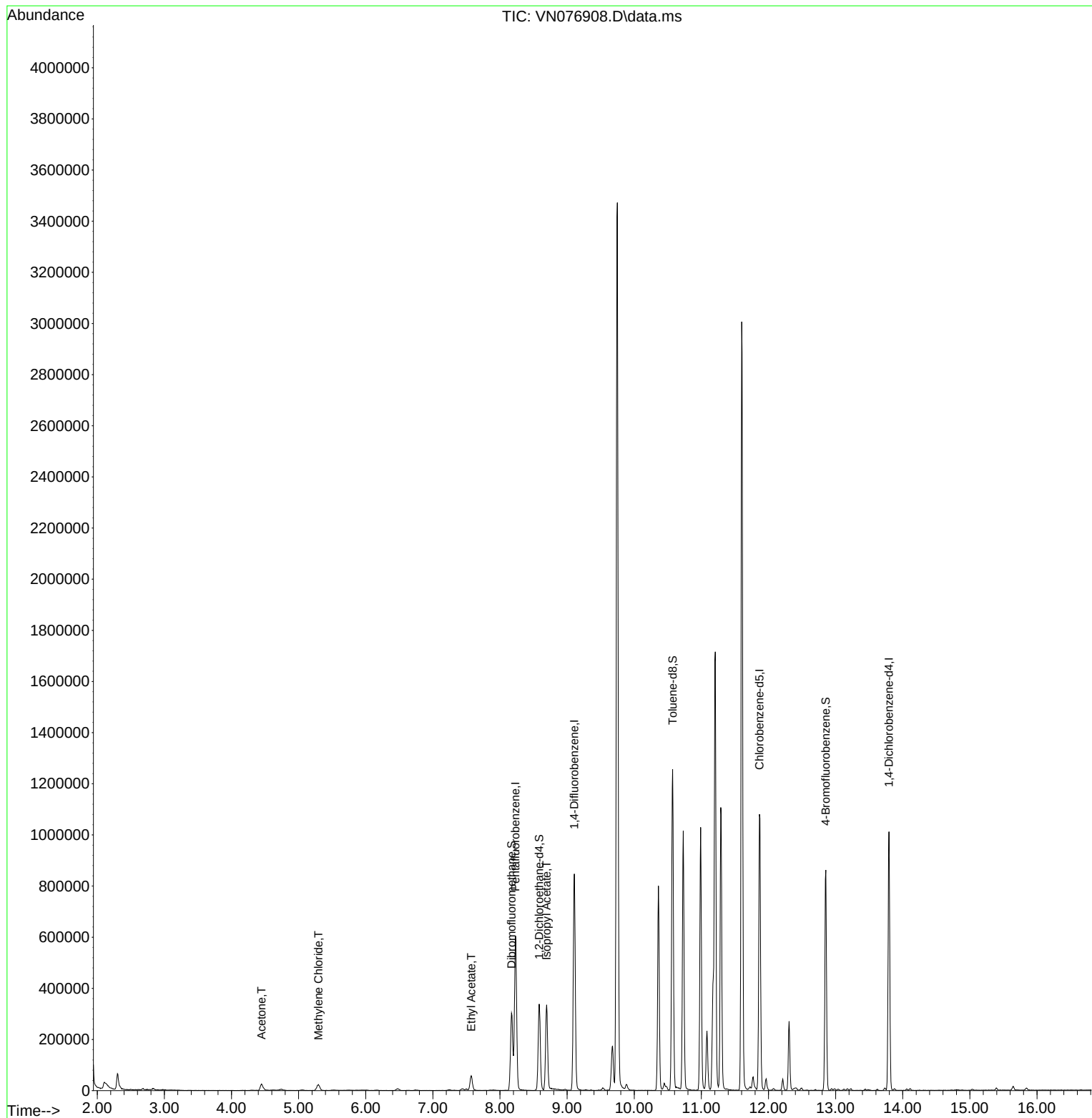
Internal Standards						
1) Pentafluorobenzene	8.231	168	427482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	734586	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	644510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	267647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	290806	48.521	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.040%
35) Dibromofluoromethane	8.172	113	222659	48.452	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.900%
50) Toluene-d8	10.572	98	875336	49.441	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.880%
62) 4-Bromofluorobenzene	12.854	95	311426	50.763	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.520%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	46423	17.745	ug/l	91
20) Methylene Chloride	5.295	84	18954	3.105	ug/l #	85
37) Ethyl Acetate	7.572	43	84206	11.107	ug/l	99
43) Isopropyl Acetate	8.695	43	371431	32.003	ug/l #	84

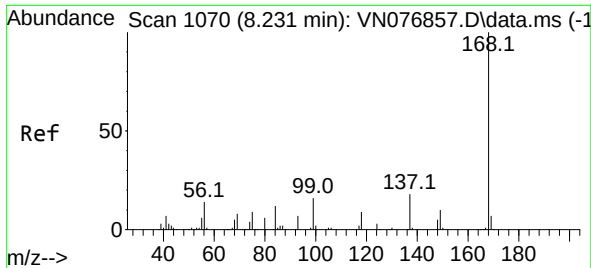
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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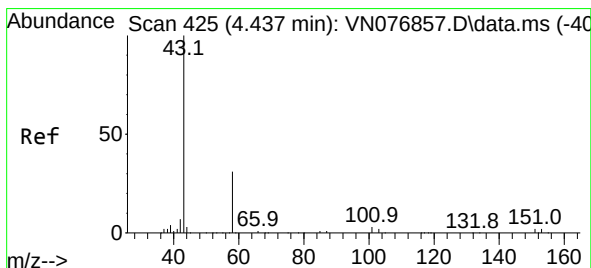
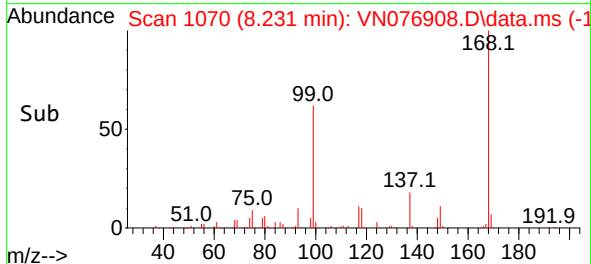
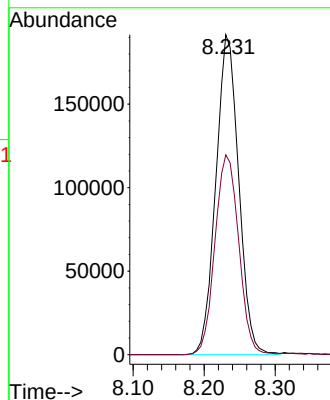
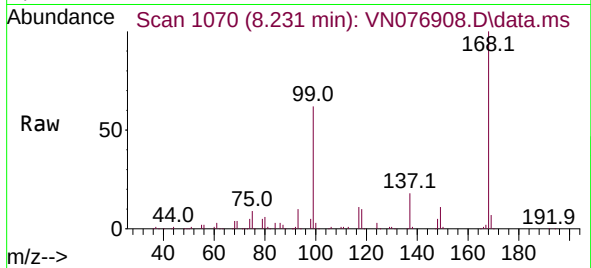




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076908.D
Acq: 09 Mar 2023 17:39

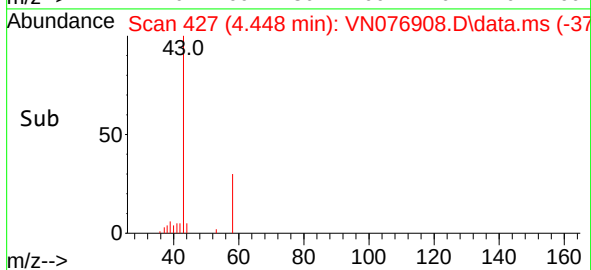
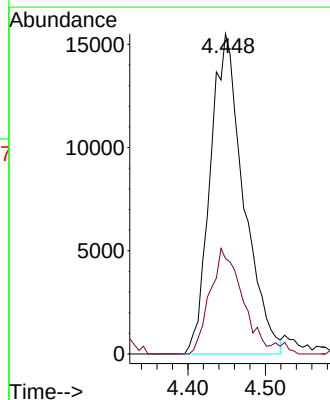
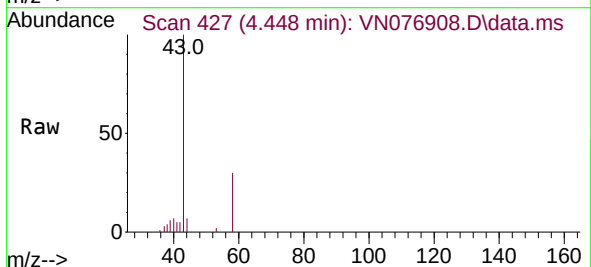
Instrument :
MSVOA_N
ClientSampleId :
PB151321ZHE#01

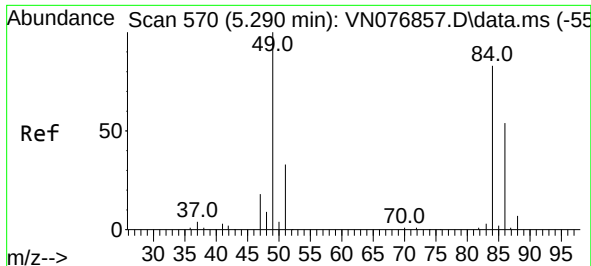
Tgt Ion:168 Resp: 427482
Ion Ratio Lower Upper
168 100
99 62.4 48.6 73.0



#16
Acetone
Concen: 17.745 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.011 min
Lab File: VN076908.D
Acq: 09 Mar 2023 17:39

Tgt Ion: 43 Resp: 46423
Ion Ratio Lower Upper
43 100
58 29.8 28.2 42.2

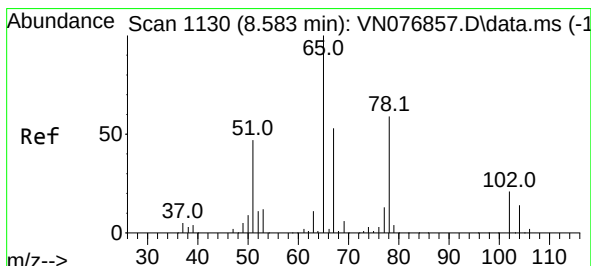
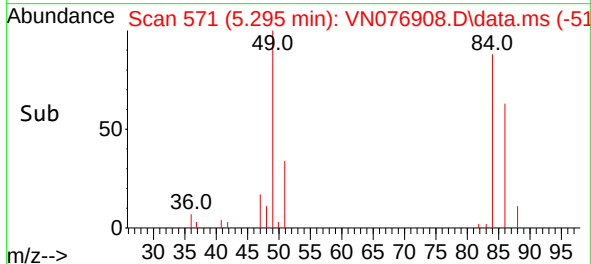
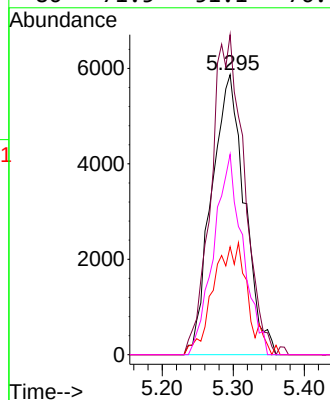
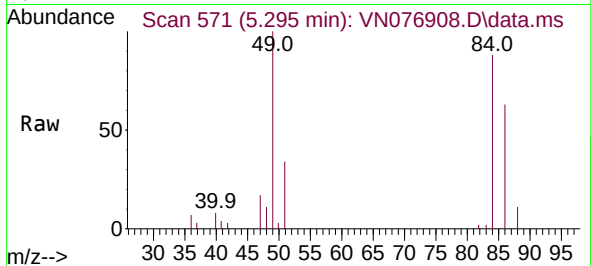




#20
Methylene Chloride
Concen: 3.105 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN076908.D
Acq: 09 Mar 2023 17:39

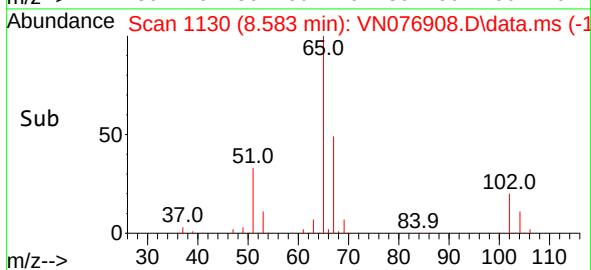
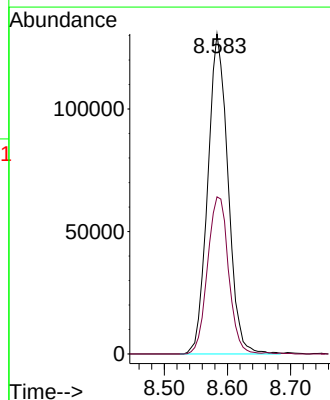
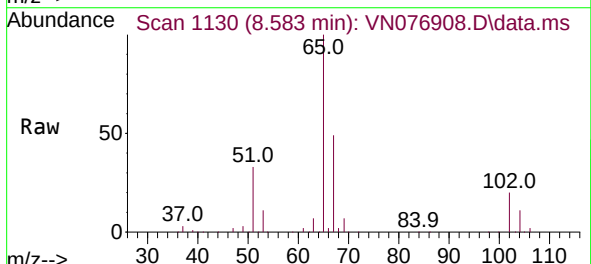
Instrument :
MSVOA_N
ClientSampleId :
PB151321ZHE#01

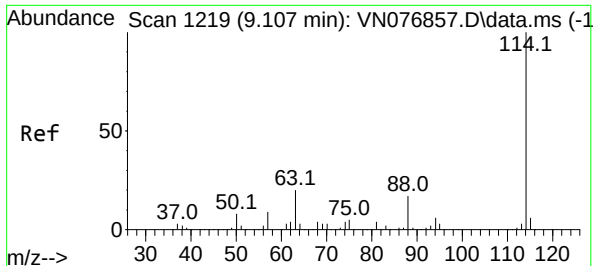
Tgt Ion: 84	Resp: 18954
Ion Ratio	Lower Upper
84 100	
49 114.3	76.6 114.8
51 38.5	25.4 38.2#
86 71.5	51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 48.521 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN076908.D
Acq: 09 Mar 2023 17:39

Tgt Ion: 65	Resp: 290806
Ion Ratio	Lower Upper
65 100	
67 50.9	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: VN076908.D

Acq: 09 Mar 2023 17:39

Instrument :

MSVOA_N

ClientSampleId :

PB151321ZHE#01

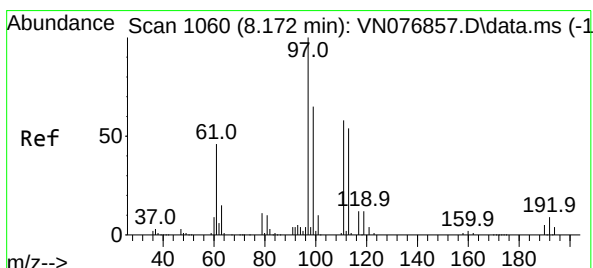
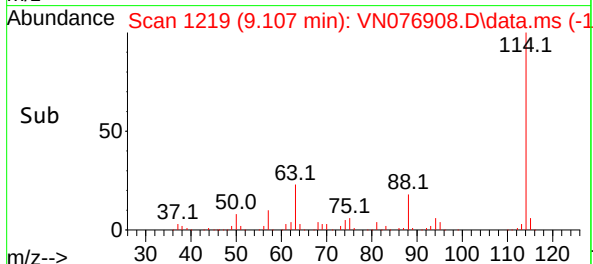
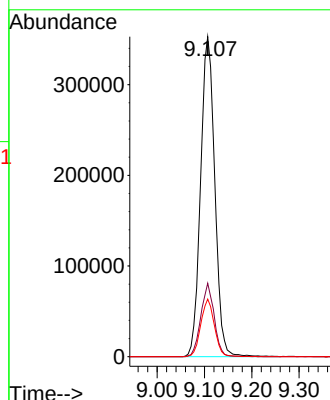
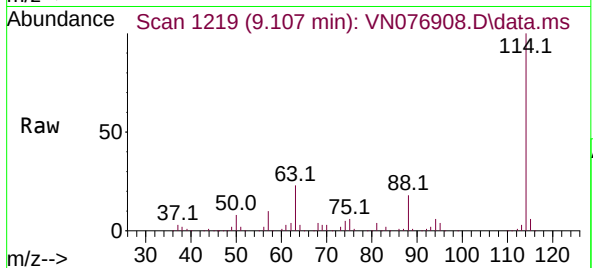
Tgt Ion:114 Resp: 734586

Ion Ratio Lower Upper

114 100

63 23.0 0.0 36.6

88 18.0 0.0 28.6



#35

Dibromofluoromethane

Concen: 48.452 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076908.D

Acq: 09 Mar 2023 17:39

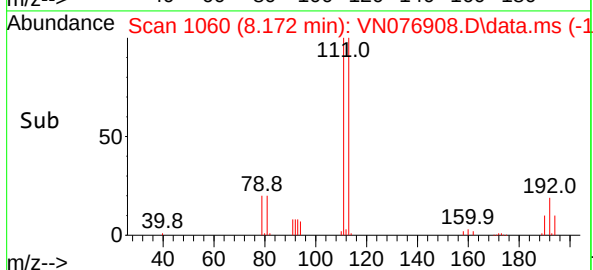
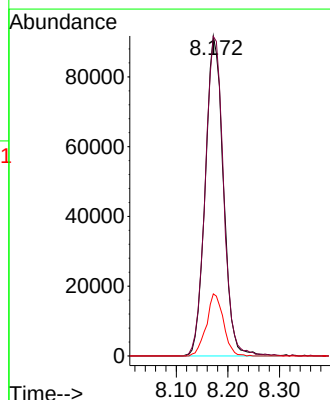
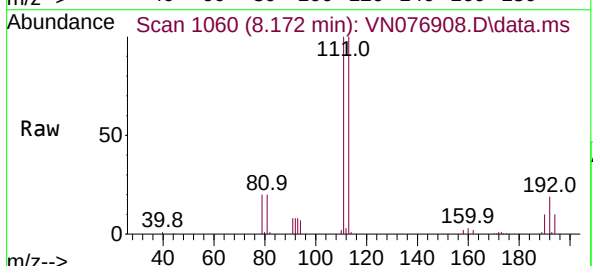
Tgt Ion:113 Resp: 222659

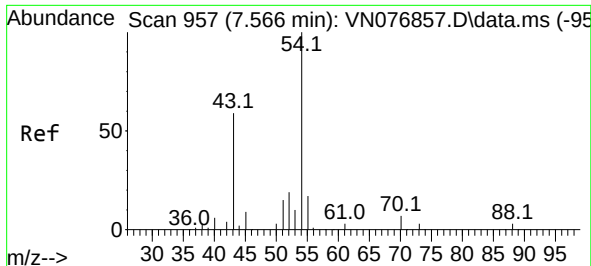
Ion Ratio Lower Upper

113 100

111 101.2 81.8 122.8

192 18.4 13.9 20.9

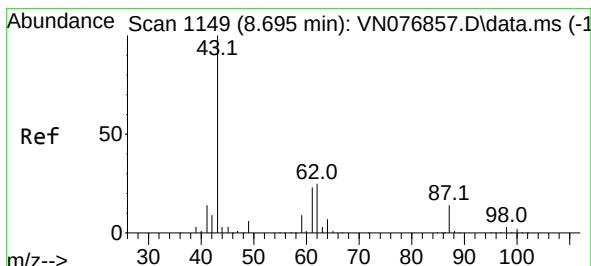
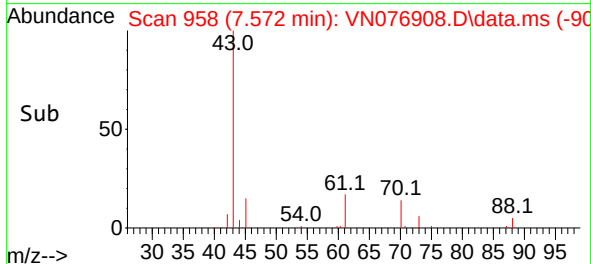
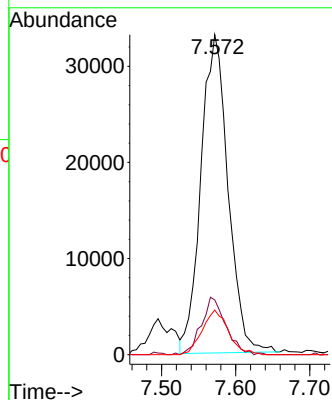
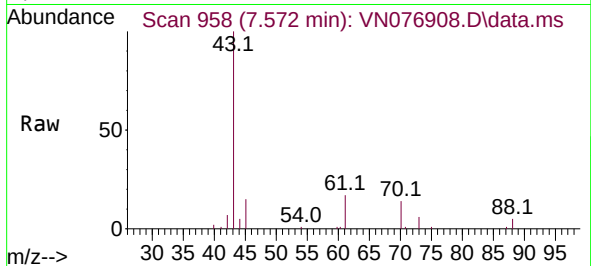




#37
Ethyl Acetate
Concen: 11.107 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076908.D
Acq: 09 Mar 2023 17:39

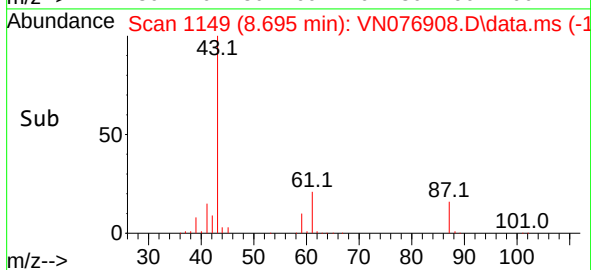
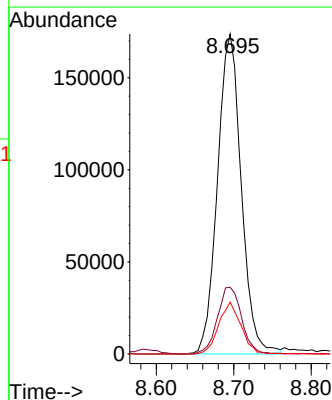
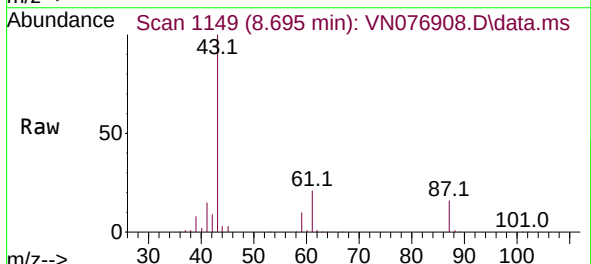
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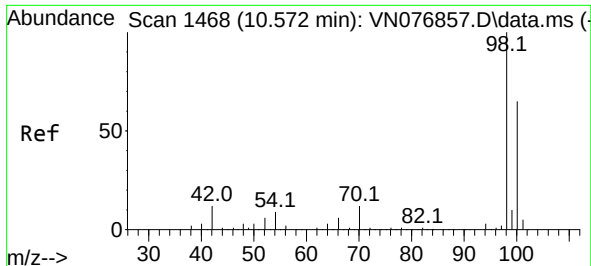
Tgt Ion: 43	Resp: 84206
Ion Ratio	Lower Upper
43	100
61	16.3 13.5 20.3
70	13.5 11.0 16.6



#43
Isopropyl Acetate
Concen: 32.003 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076908.D
Acq: 09 Mar 2023 17:39

Tgt Ion: 43	Resp: 371431
Ion Ratio	Lower Upper
43	100
61	21.2 26.2 39.2#
87	15.2 14.8 22.2

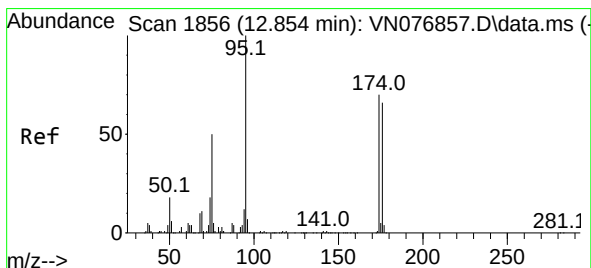
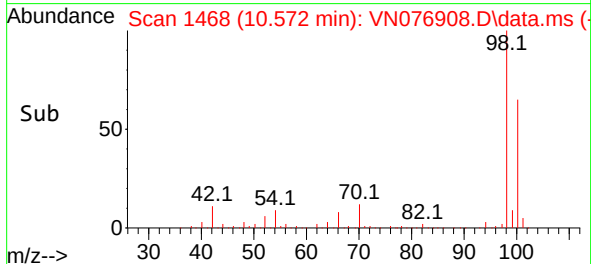
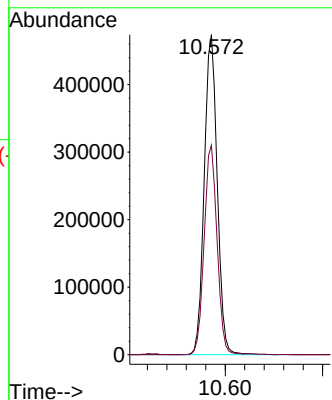
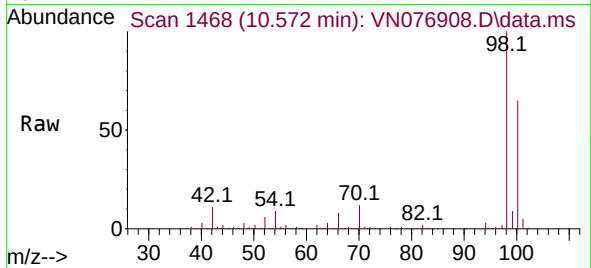




#50
Toluene-d8
Concen: 49.441 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076908.D
Acq: 09 Mar 2023 17:39

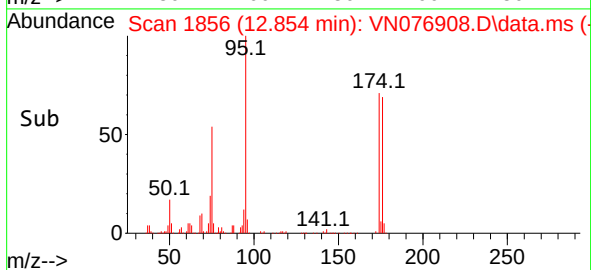
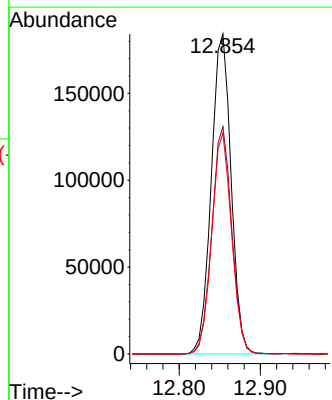
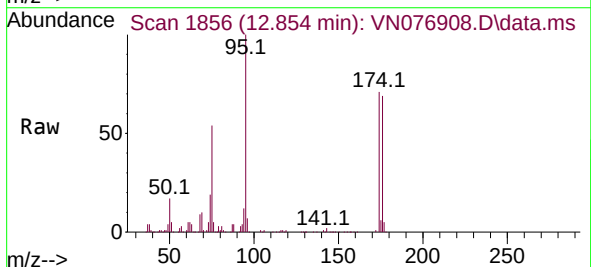
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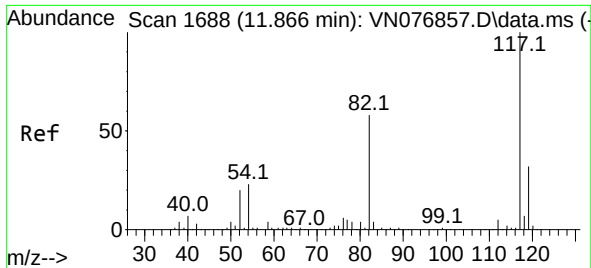
Tgt Ion: 98 Resp: 875336
Ion Ratio Lower Upper
98 100
100 65.1 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 50.763 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN076908.D
Acq: 09 Mar 2023 17:39

Tgt Ion: 95 Resp: 311426
Ion Ratio Lower Upper
95 100
174 71.8 0.0 162.4
176 69.1 0.0 157.4

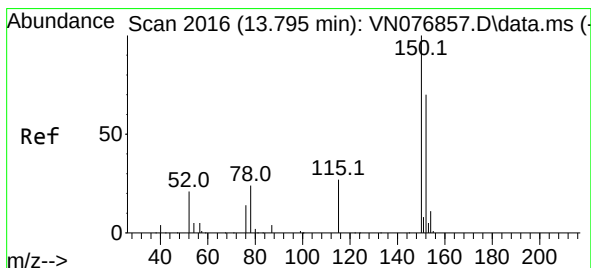
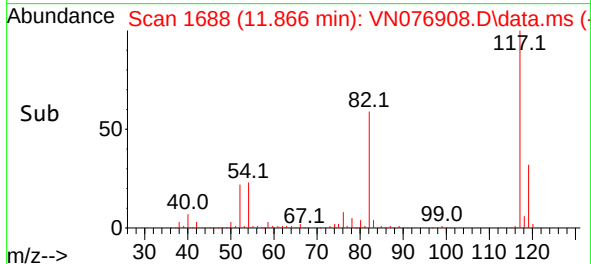
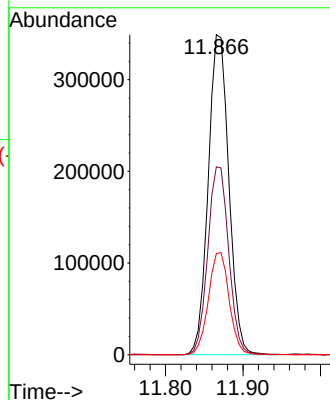
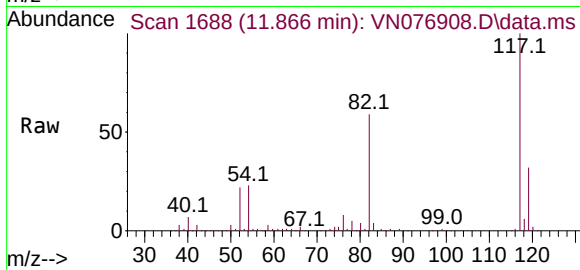




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076908.D
Acq: 09 Mar 2023 17:39

Instrument :
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Tgt Ion:117 Resp: 644510
Ion Ratio Lower Upper
117 100
82 58.7 43.5 65.3
119 31.6 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: VN076908.D
Acq: 09 Mar 2023 17:39

Tgt Ion:152 Resp: 267647
Ion Ratio Lower Upper
152 100
115 65.2 30.3 90.9
150 160.0 0.0 353.6

