

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031423\
 Data File : VN076991.D
 Acq On : 14 Mar 2023 18:46
 Operator : JC\MD
 Sample : 01890-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-SO-DRUM279-031023

Quant Time: Mar 15 04:28:38 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)

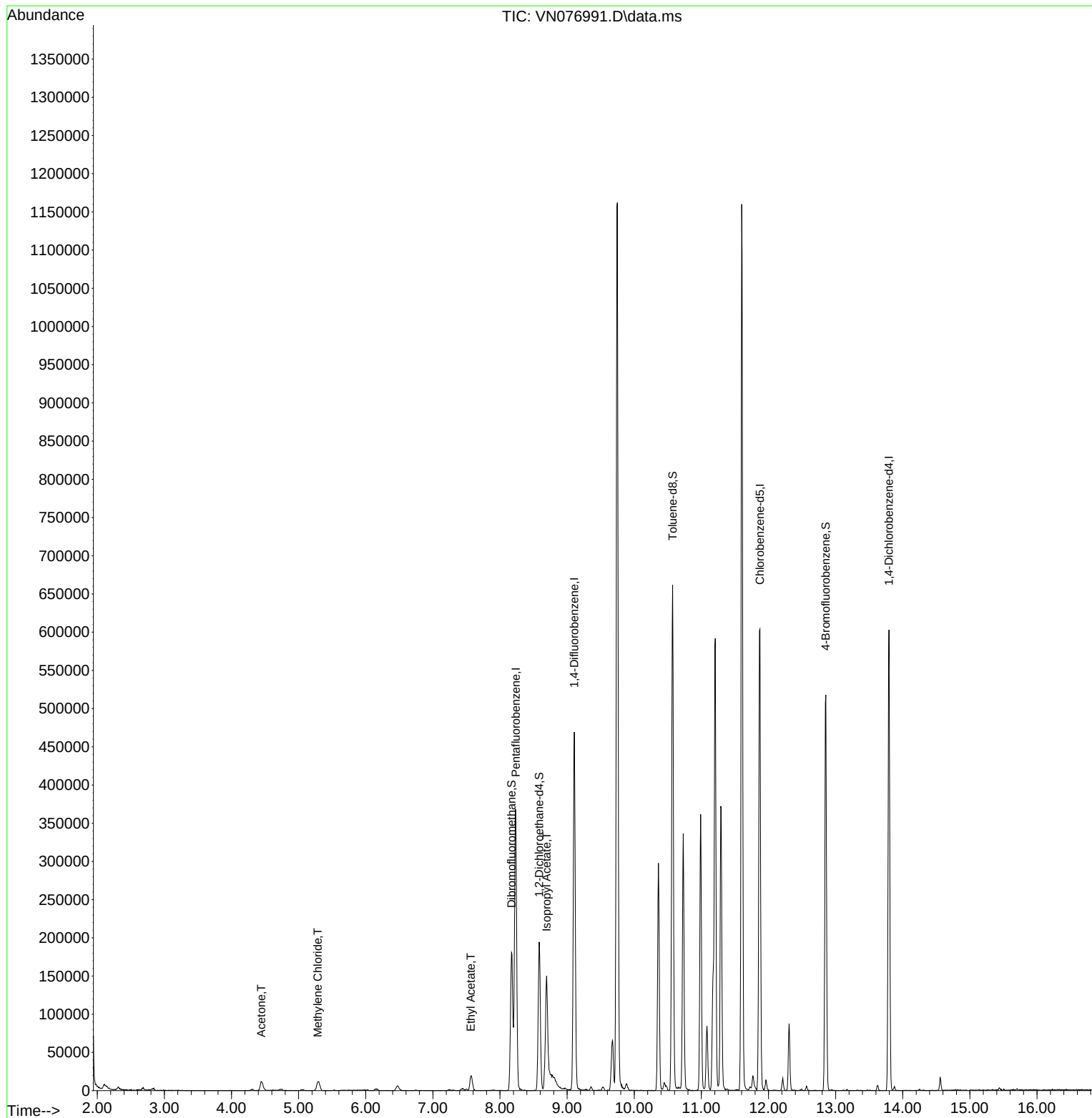
Internal Standards						
1) Pentafluorobenzene	8.236	168	253762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	378432	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	340876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	155102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	190822	50.391	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.780%	
35) Dibromofluoromethane	8.172	113	124247	49.263	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.520%	
50) Toluene-d8	10.571	98	445911	47.972	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.940%	
62) 4-Bromofluorobenzene	12.854	95	172272	50.670	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.340%	
Target Compounds						
						Qvalue
16) Acetone	4.442	43	23790	18.130	ug/l	95
20) Methylene Chloride	5.284	84	10523	3.119	ug/l #	77
37) Ethyl Acetate	7.566	43	29184	9.356	ug/l #	95
43) Isopropyl Acetate	8.695	43	218285	39.640	ug/l #	71

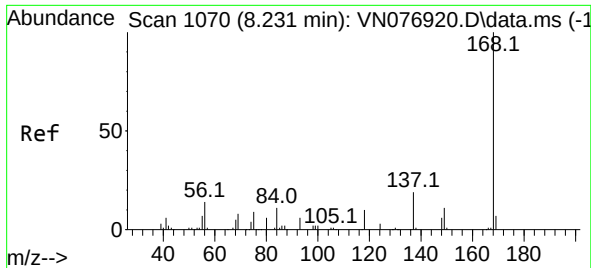
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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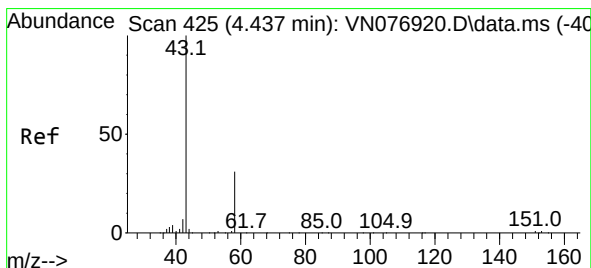
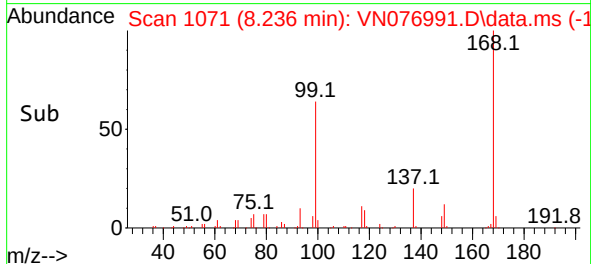
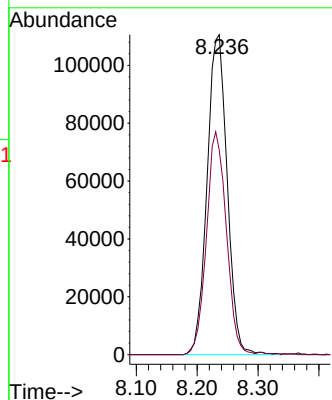
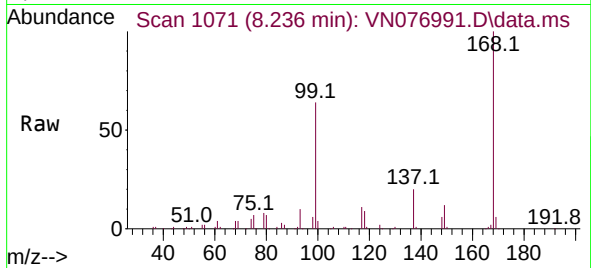




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. 0.005 min
Lab File: VN076991.D
Acq: 14 Mar 2023 18:46

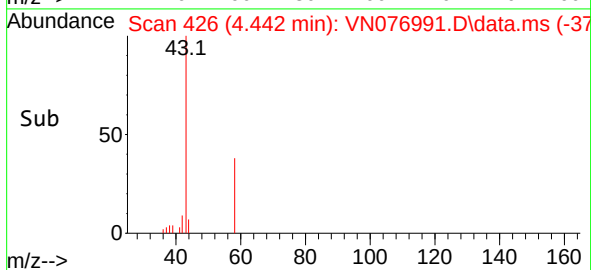
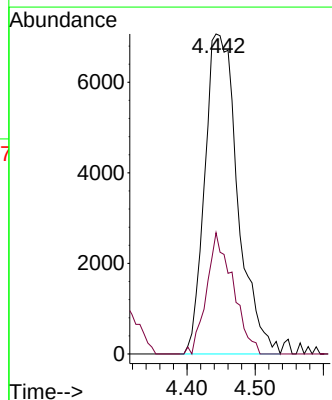
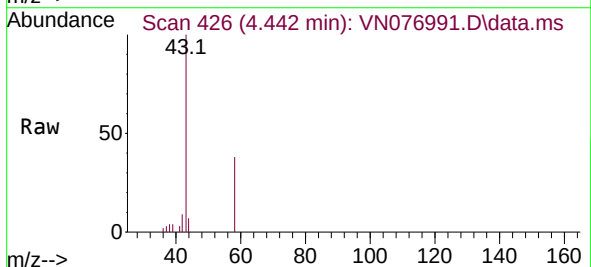
Instrument :
MSVOA_N
ClientSampleId :
IDW-SO-DRUM279-031023

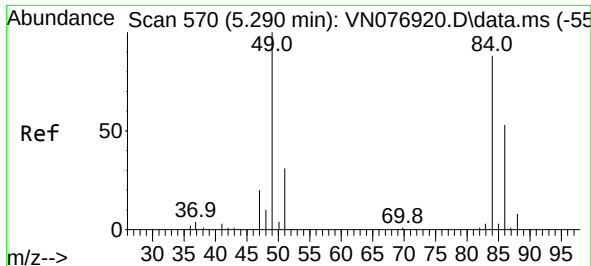
Tgt Ion:168 Resp: 253762
Ion Ratio Lower Upper
168 100
99 63.9 48.6 73.0



#16
Acetone
Concen: 18.130 ug/l
RT: 4.442 min Scan# 426
Delta R.T. 0.005 min
Lab File: VN076991.D
Acq: 14 Mar 2023 18:46

Tgt Ion: 43 Resp: 23790
Ion Ratio Lower Upper
43 100
58 37.9 28.2 42.2

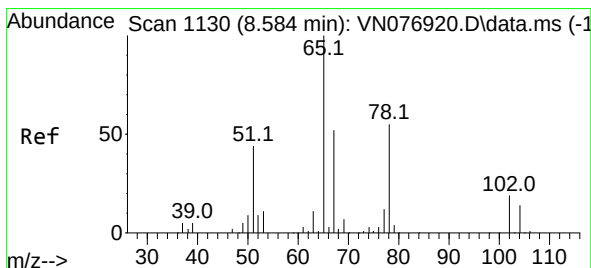
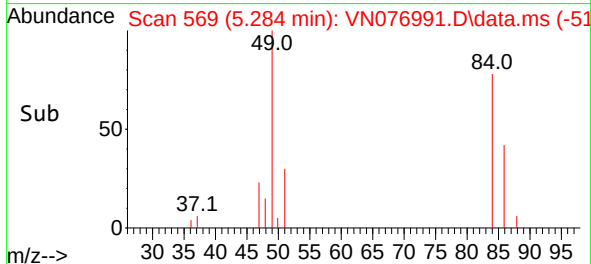
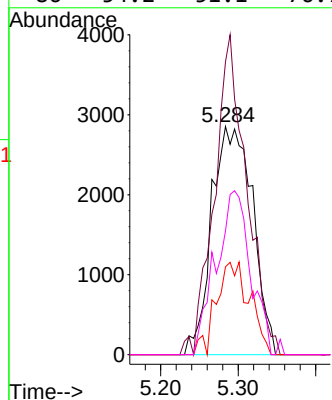
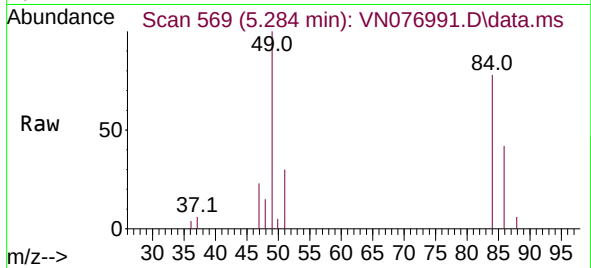




#20
Methylene Chloride
Concen: 3.119 ug/l
RT: 5.284 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN076991.D
Acq: 14 Mar 2023 18:46

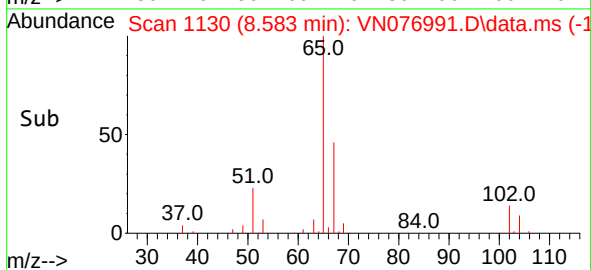
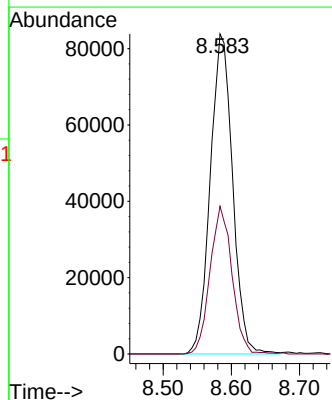
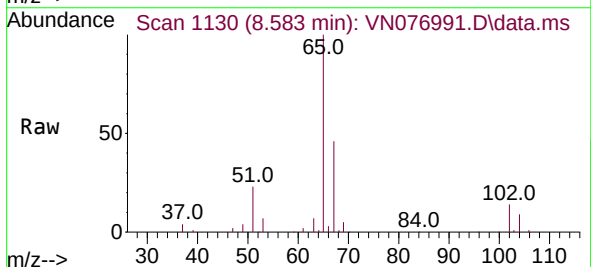
Instrument :
MSVOA_N
ClientSampleId :
IDW-SO-DRUM279-031023

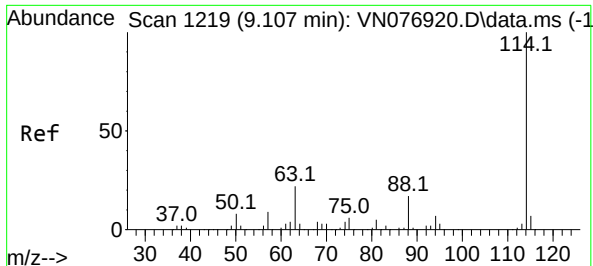
Tgt Ion: 84	Resp: 10523
Ion Ratio	Lower Upper
84 100	
49 128.3	76.6 114.8#
51 38.5	25.4 38.2#
86 54.2	51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 50.391 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076991.D
Acq: 14 Mar 2023 18:46

Tgt Ion: 65	Resp: 190822
Ion Ratio	Lower Upper
65 100	
67 45.5	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: VN076991.D

Acq: 14 Mar 2023 18:46

Instrument :

MSVOA_N

ClientSampleId :

IDW-SO-DRUM279-031023

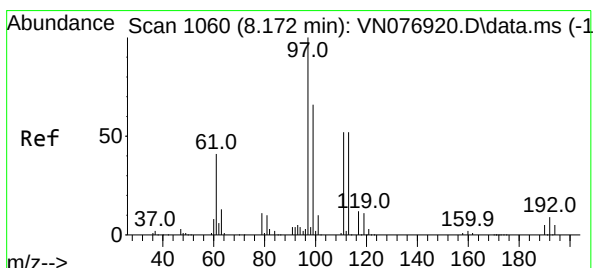
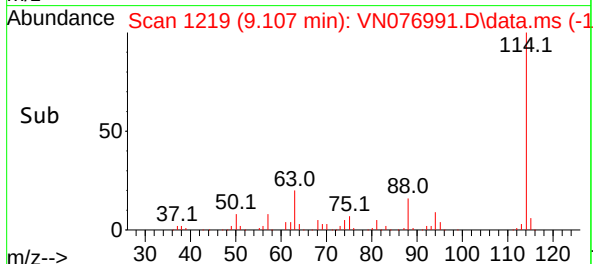
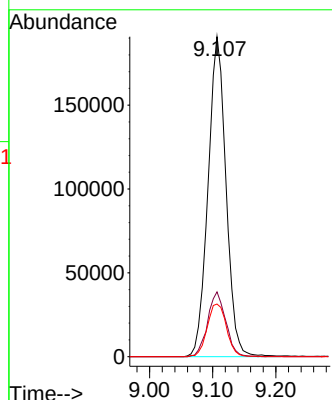
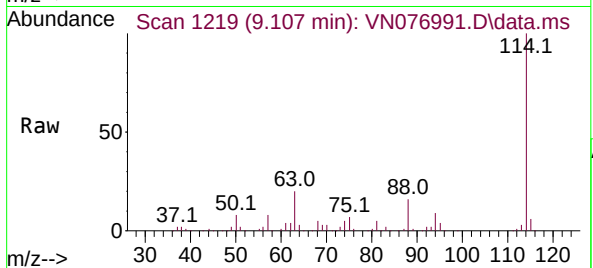
Tgt Ion:114 Resp: 378432

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.6

88 16.5 0.0 28.6



#35

Dibromofluoromethane

Concen: 49.263 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076991.D

Acq: 14 Mar 2023 18:46

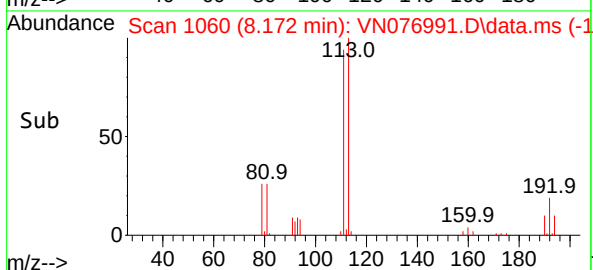
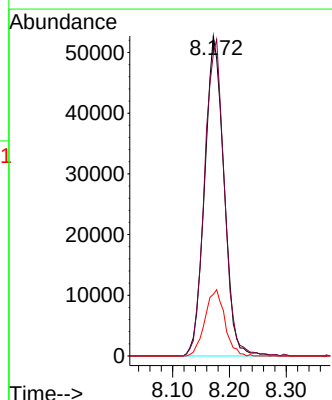
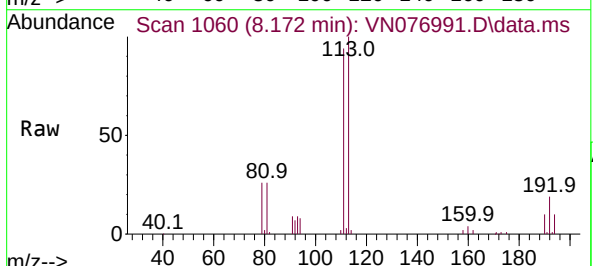
Tgt Ion:113 Resp: 124247

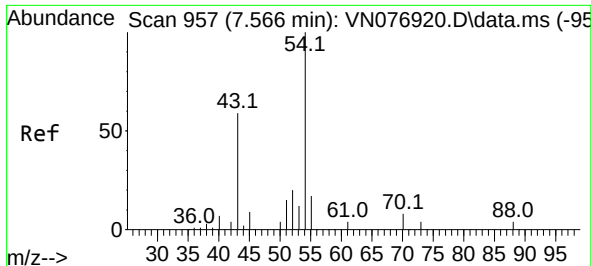
Ion Ratio Lower Upper

113 100

111 101.1 81.8 122.8

192 21.2 13.9 20.9#

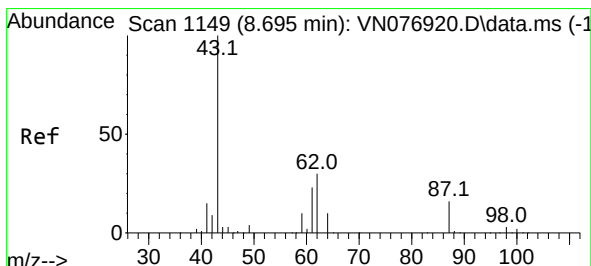
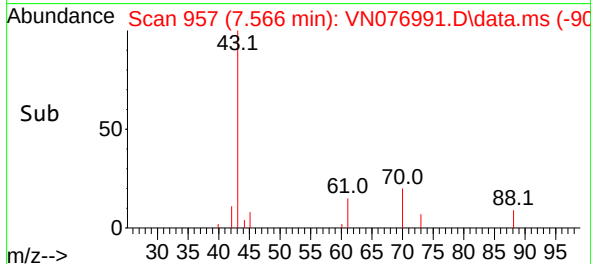
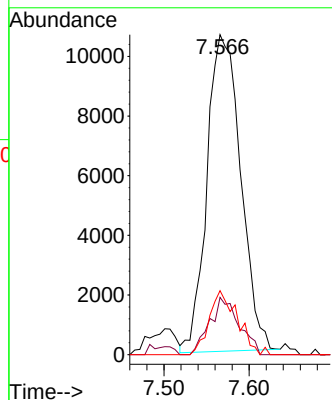
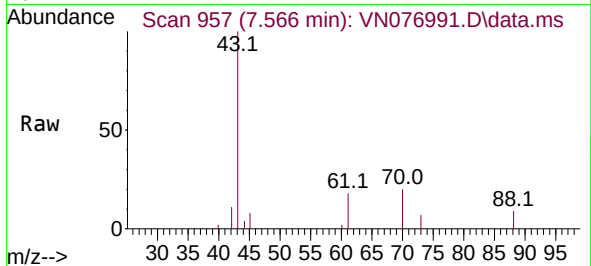




#37
Ethyl Acetate
Concen: 9.356 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076991.D
Acq: 14 Mar 2023 18:46

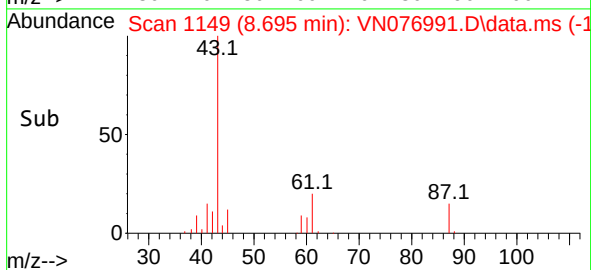
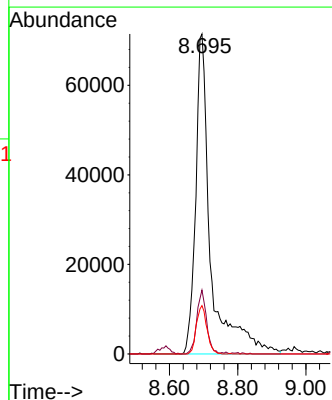
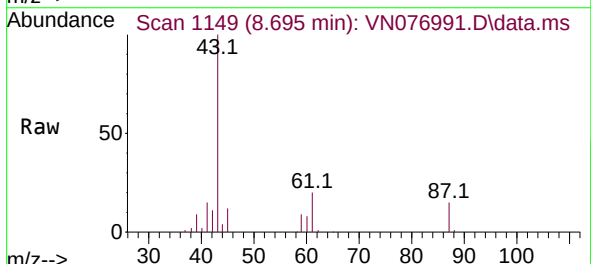
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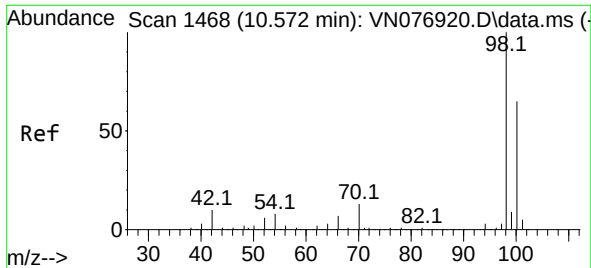
Tgt Ion: 43 Resp: 29184
Ion Ratio Lower Upper
43 100
61 15.8 13.5 20.3
70 17.0 11.0 16.6#



#43
Isopropyl Acetate
Concen: 39.640 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076991.D
Acq: 14 Mar 2023 18:46

Tgt Ion: 43 Resp: 218285
Ion Ratio Lower Upper
43 100
61 13.0 26.2 39.2#
87 10.6 14.8 22.2#

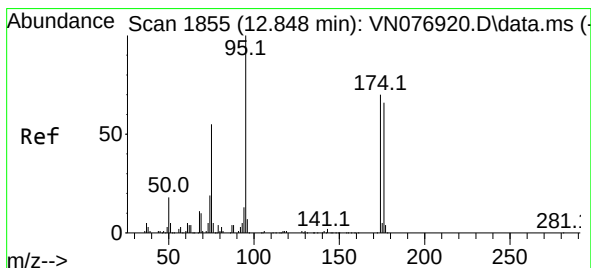
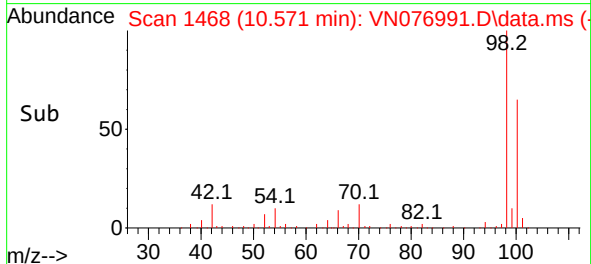
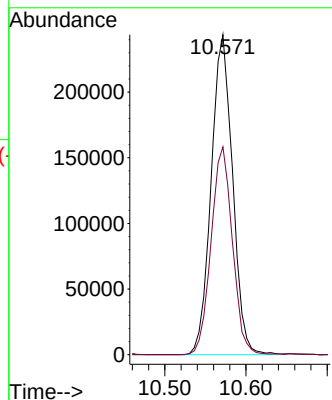
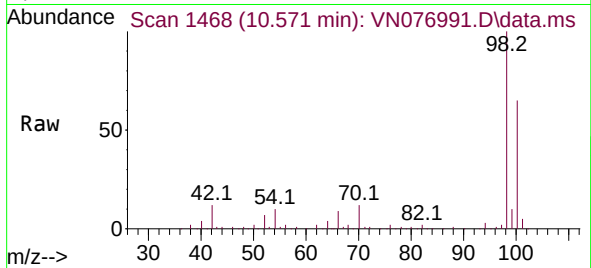




#50
Toluene-d8
Concen: 47.972 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VN076991.D
Acq: 14 Mar 2023 18:46

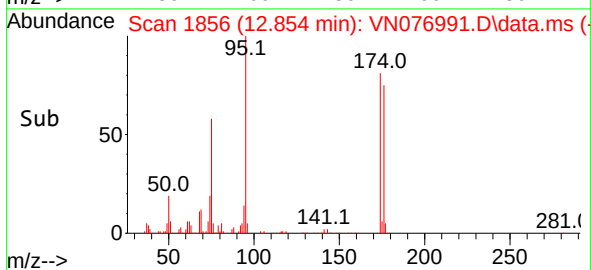
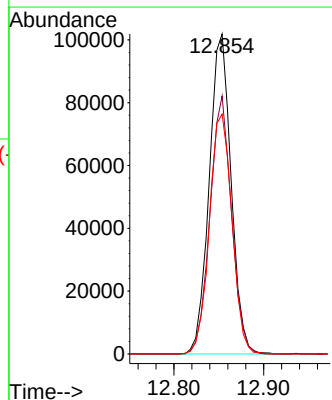
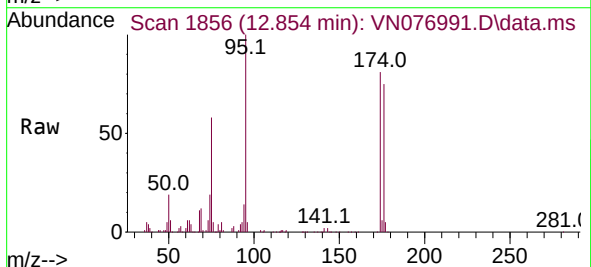
Instrument : MSVOA_N
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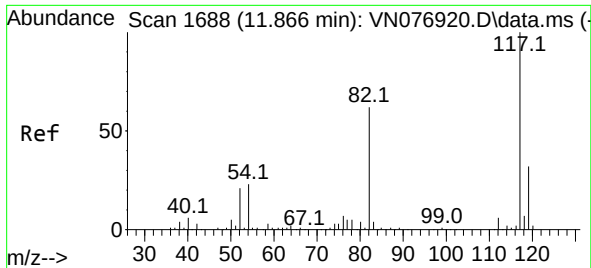
Tgt Ion: 98 Resp: 445911
Ion Ratio Lower Upper
98 100
100 64.8 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 50.670 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076991.D
Acq: 14 Mar 2023 18:46

Tgt Ion: 95 Resp: 172272
Ion Ratio Lower Upper
95 100
174 79.3 0.0 162.4
176 77.4 0.0 157.4

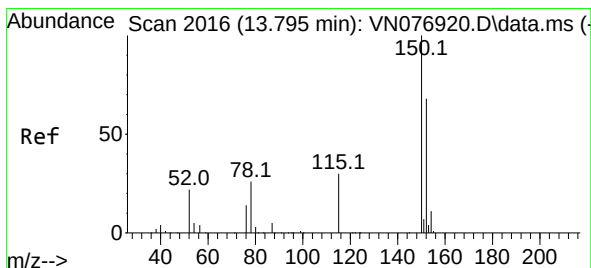
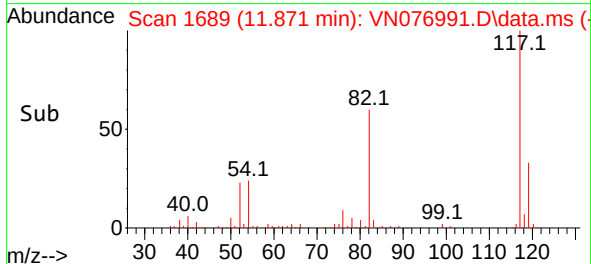
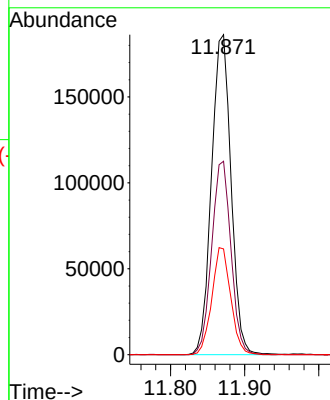
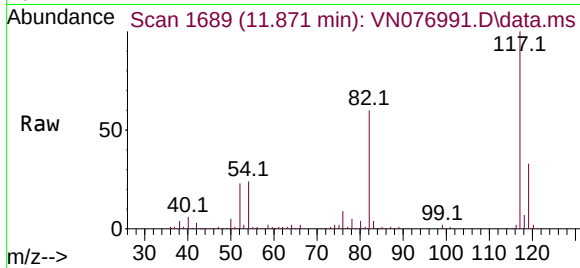




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.005 min
Lab File: VN076991.D
Acq: 14 Mar 2023 18:46

Instrument :
MSVOA_N
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IDW-SO-DRUM279-031023

Tgt Ion:117 Resp: 340876
Ion Ratio Lower Upper
117 100
82 60.5 43.5 65.3
119 33.1 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: VN076991.D
Acq: 14 Mar 2023 18:46

Tgt Ion:152 Resp: 155102
Ion Ratio Lower Upper
152 100
115 66.9 30.3 90.9
150 156.8 0.0 353.6

