

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031423\
 Data File : VN076992.D
 Acq On : 14 Mar 2023 19:10
 Operator : JC\MD
 Sample : 01905-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 UNION-1

Quant Time: Mar 15 04:29:12 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)

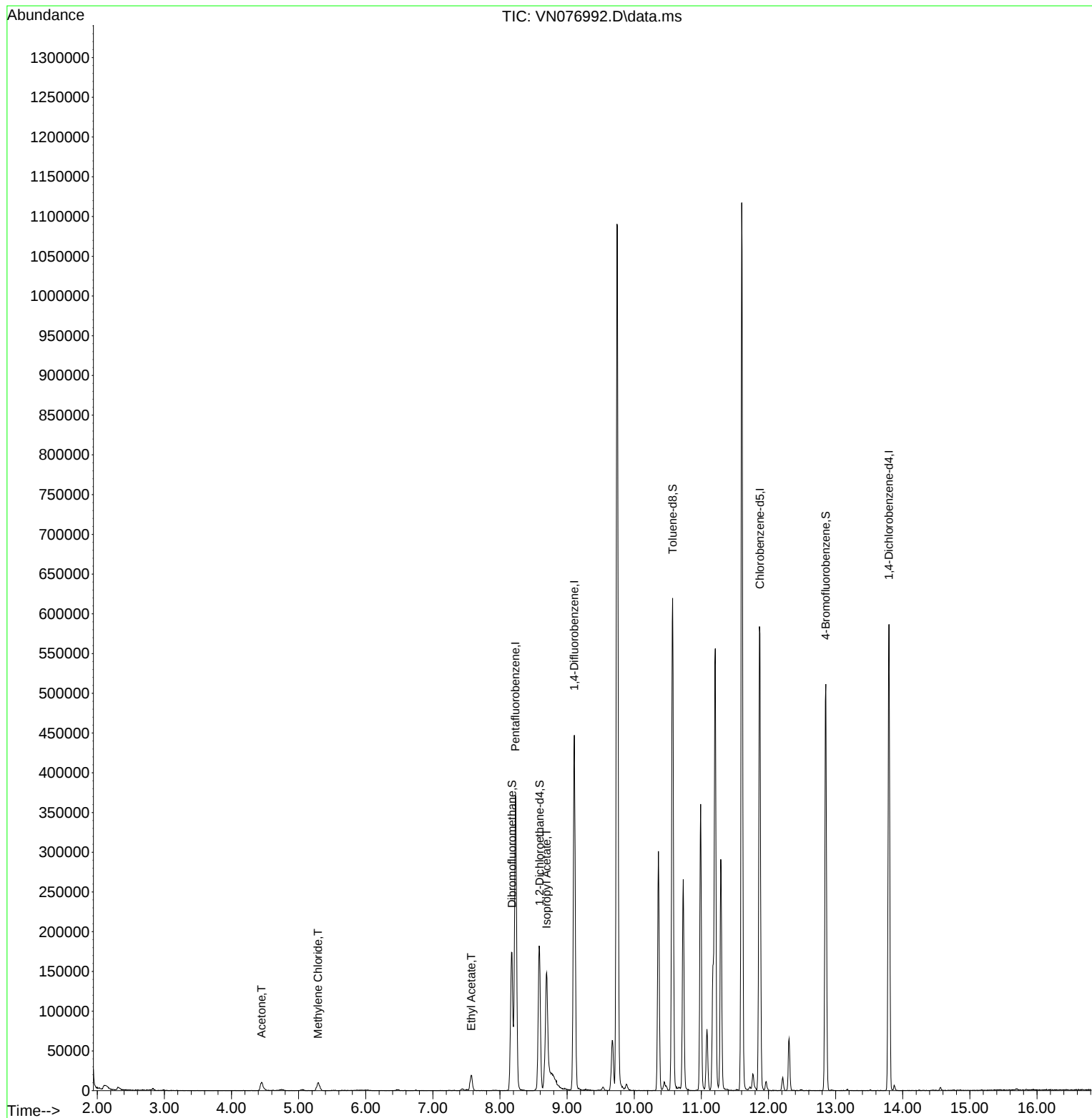
Internal Standards						
1) Pentafluorobenzene	8.231	168	250127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	362367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	334512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	151565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	181961	48.749	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.500%
35) Dibromofluoromethane	8.178	113	116487	48.234	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.460%
50) Toluene-d8	10.572	98	424002	47.637	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.280%
62) 4-Bromofluorobenzene	12.854	95	165650	50.882	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.760%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	21159	16.359	ug/l #	75
20) Methylene Chloride	5.290	84	8260	2.484	ug/l #	86
37) Ethyl Acetate	7.572	43	29272	9.800	ug/l	97
43) Isopropyl Acetate	8.695	43	189029	35.849	ug/l #	74

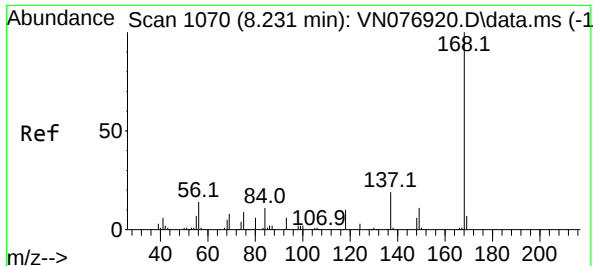
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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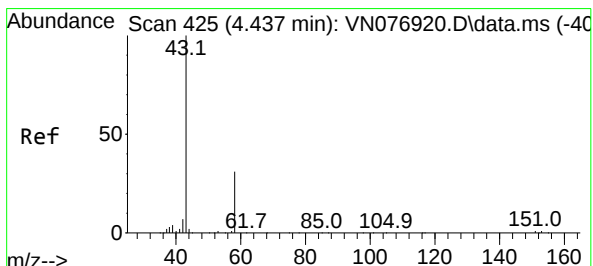
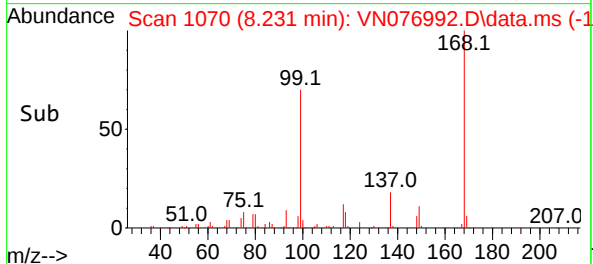
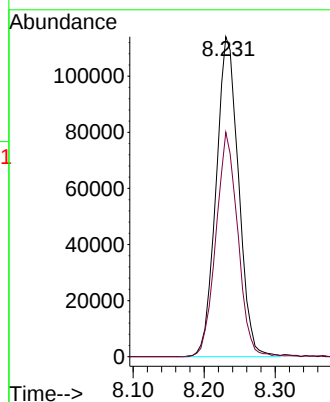
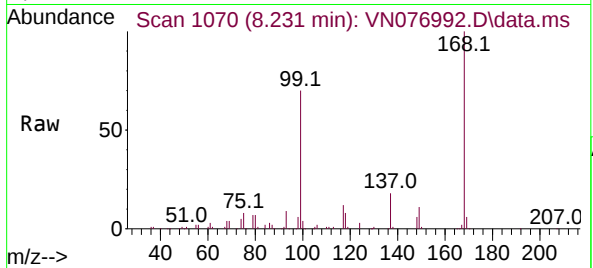




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076992.D
Acq: 14 Mar 2023 19:10

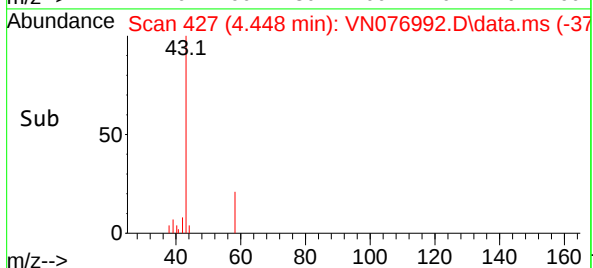
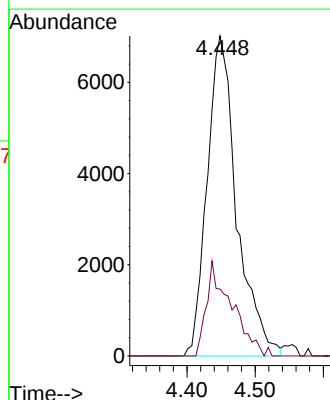
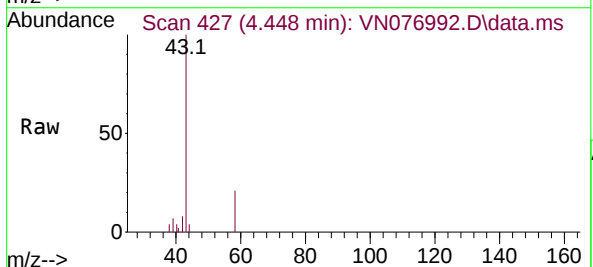
Instrument :
MSVOA_N
ClientSampleId :
UNION-1

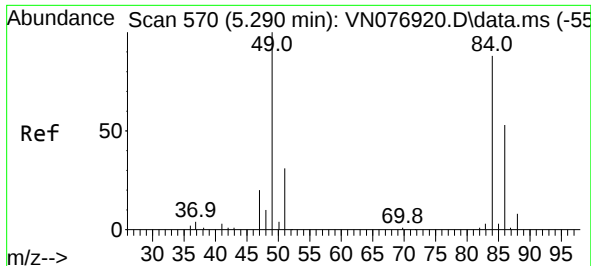
Tgt Ion:168 Resp: 250127
Ion Ratio Lower Upper
168 100
99 70.1 48.6 73.0



#16
Acetone
Concen: 16.359 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.011 min
Lab File: VN076992.D
Acq: 14 Mar 2023 19:10

Tgt Ion: 43 Resp: 21159
Ion Ratio Lower Upper
43 100
58 20.9 28.2 42.2#

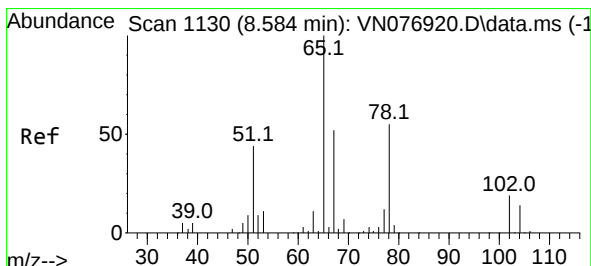
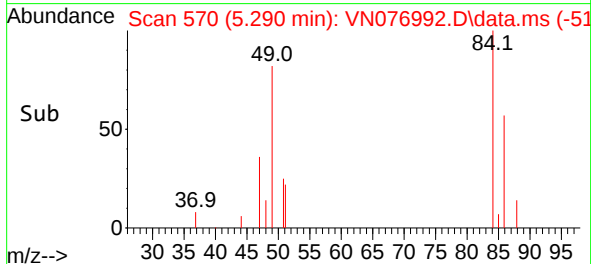
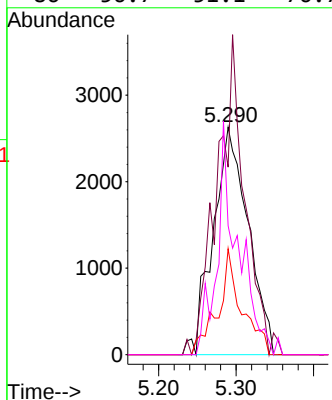
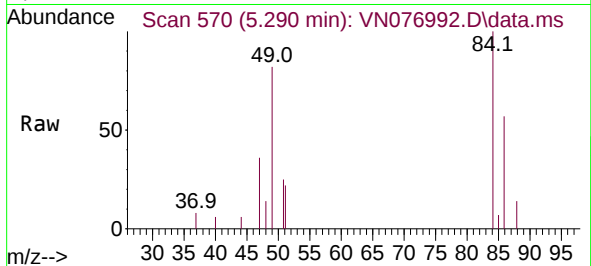




#20
Methylene Chloride
Concen: 2.484 ug/l
RT: 5.290 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN076992.D
Acq: 14 Mar 2023 19:10

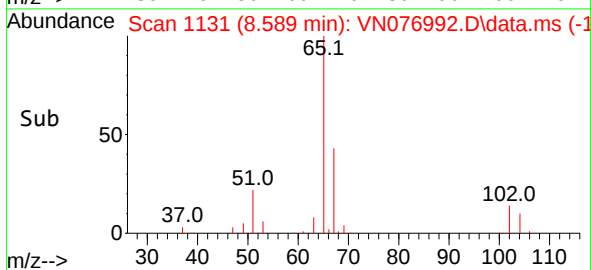
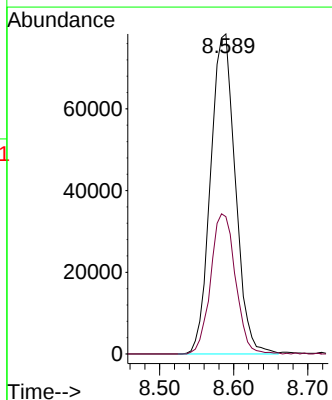
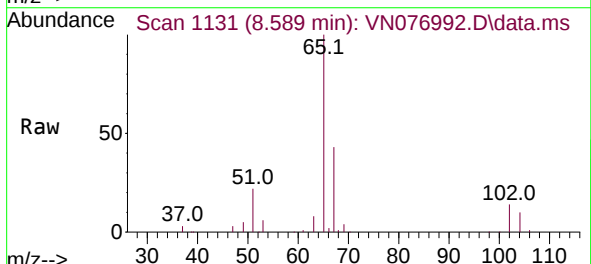
Instrument :
MSVOA_N
ClientSampleId :
UNION-1

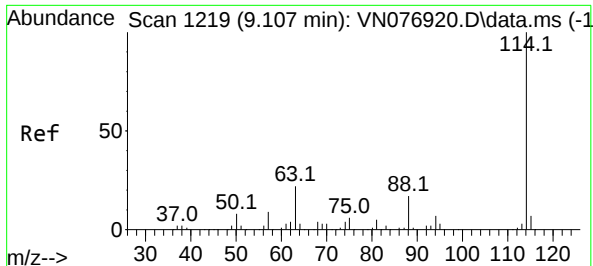
Tgt Ion: 84	Resp: 8260
Ion Ratio	Lower Upper
84 100	
49 82.4	76.6 114.8
51 46.5	25.4 38.2#
86 56.7	51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 48.749 ug/l
RT: 8.589 min Scan# 1131
Delta R.T. 0.005 min
Lab File: VN076992.D
Acq: 14 Mar 2023 19:10

Tgt Ion: 65	Resp: 181961
Ion Ratio	Lower Upper
65 100	
67 43.8	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: VN076992.D

Acq: 14 Mar 2023 19:10

Instrument :

MSVOA_N

ClientSampleId :

UNION-1

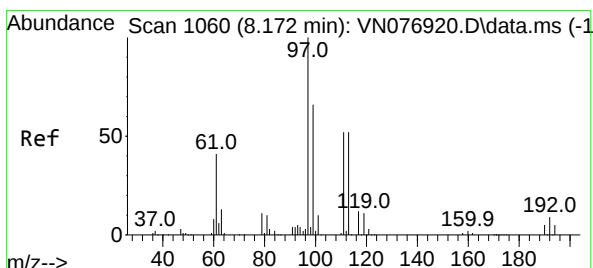
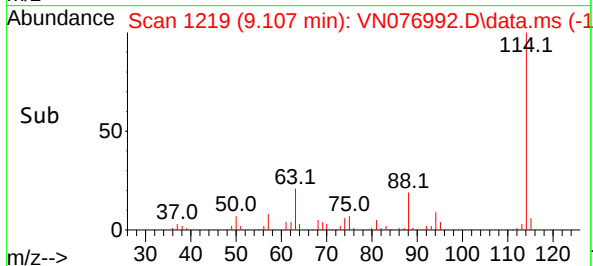
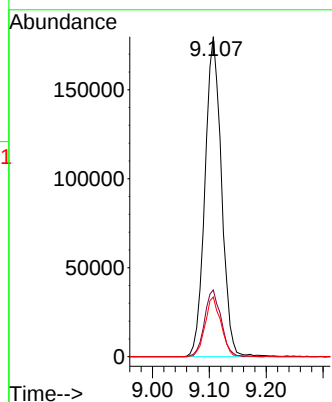
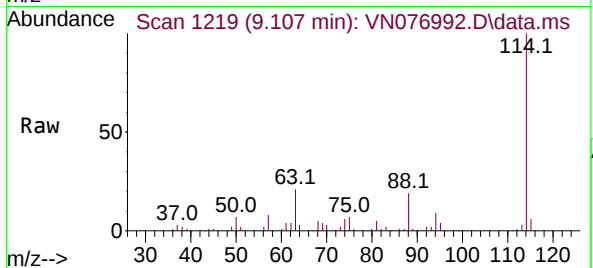
Tgt Ion:114 Resp: 362367

Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.6

88 18.7 0.0 28.6



#35

Dibromofluoromethane

Concen: 48.234 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VN076992.D

Acq: 14 Mar 2023 19:10

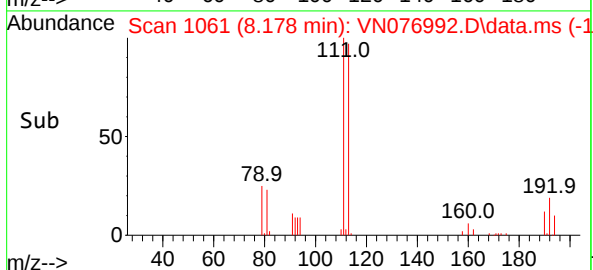
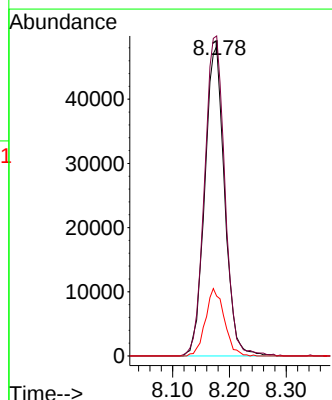
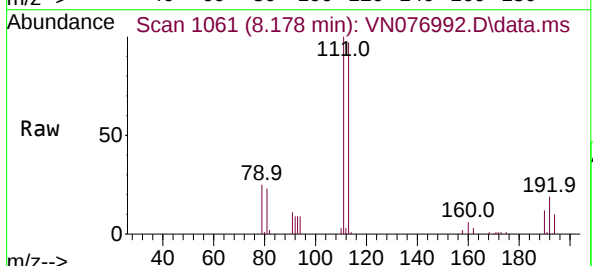
Tgt Ion:113 Resp: 116487

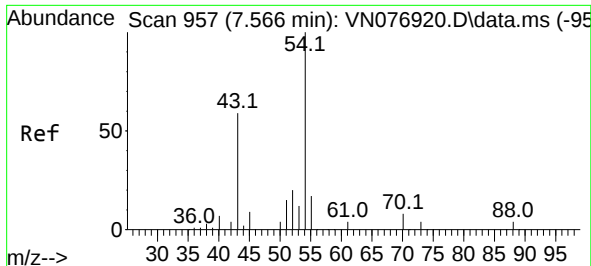
Ion Ratio Lower Upper

113 100

111 105.9 81.8 122.8

192 20.8 13.9 20.9

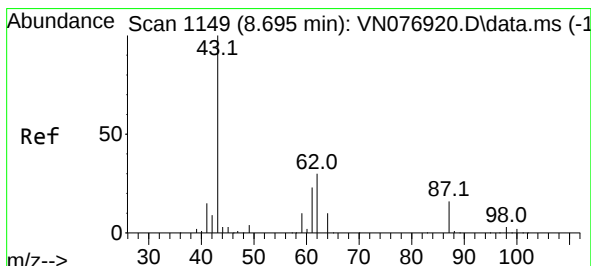
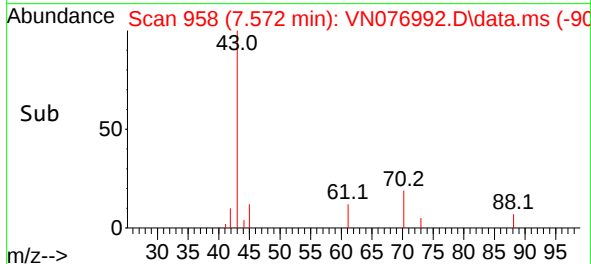
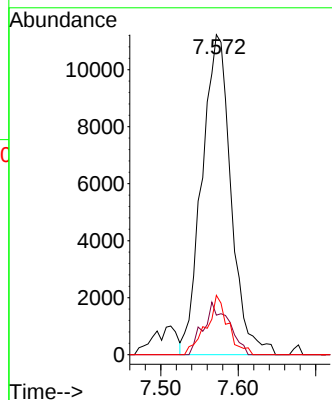
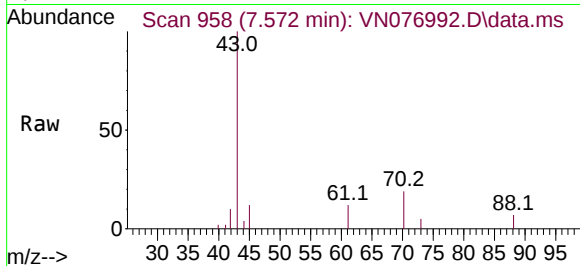




#37
Ethyl Acetate
Concen: 9.800 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076992.D
Acq: 14 Mar 2023 19:10

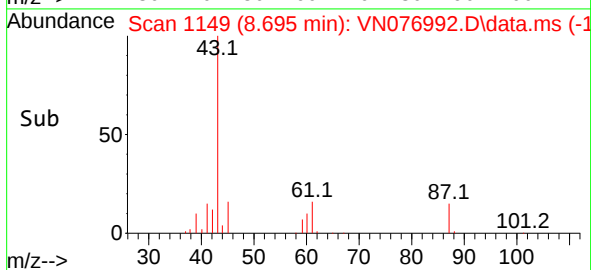
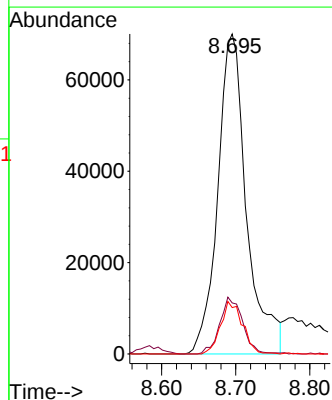
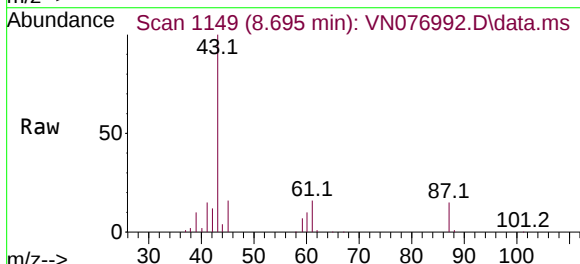
Instrument :
MSVOA_N
ClientSampleId :
UNION-1

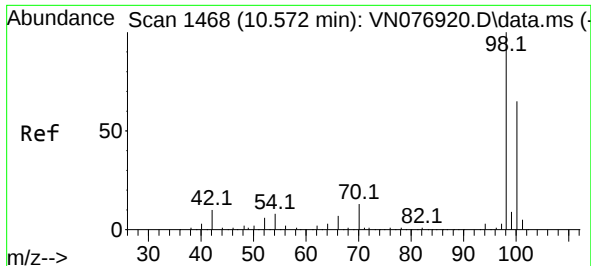
Tgt Ion:	43	Resp:	29272
Ion	Ratio	Lower	Upper
43	100		
61	14.3	13.5	20.3
70	13.9	11.0	16.6



#43
Isopropyl Acetate
Concen: 35.849 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076992.D
Acq: 14 Mar 2023 19:10

Tgt Ion:	43	Resp:	189029
Ion	Ratio	Lower	Upper
43	100		
61	14.2	26.2	39.2#
87	12.6	14.8	22.2#

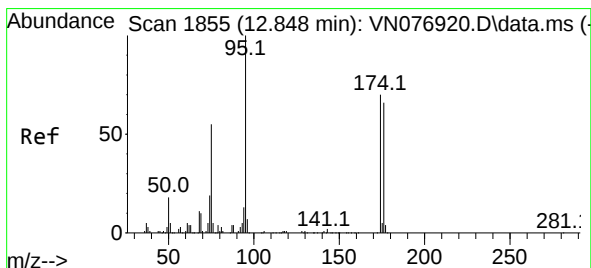
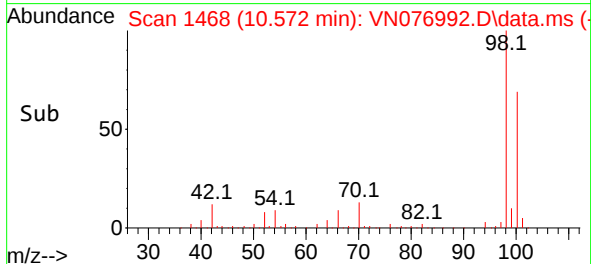
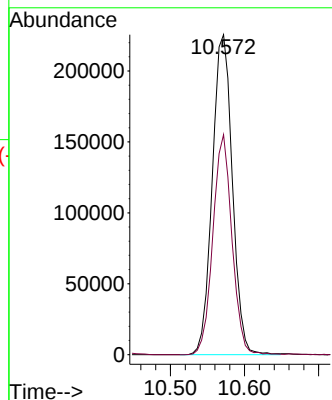
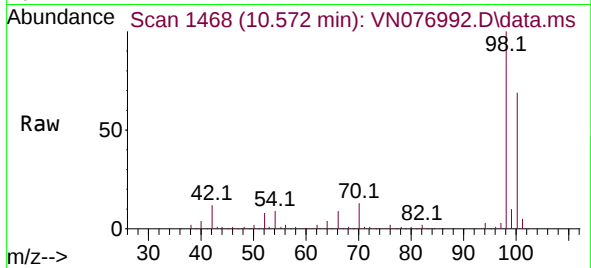




#50
Toluene-d8
Concen: 47.637 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076992.D
Acq: 14 Mar 2023 19:10

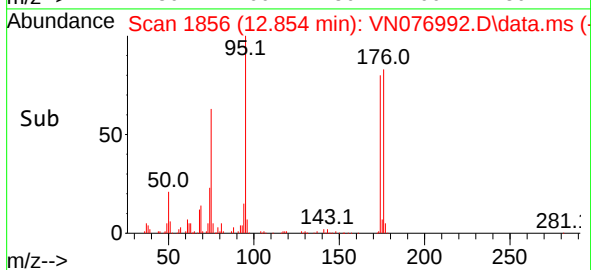
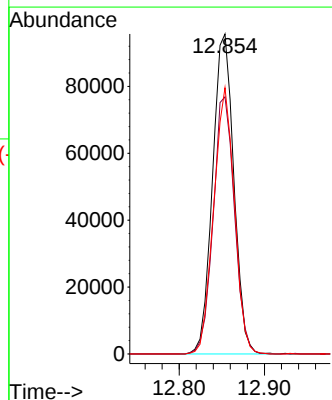
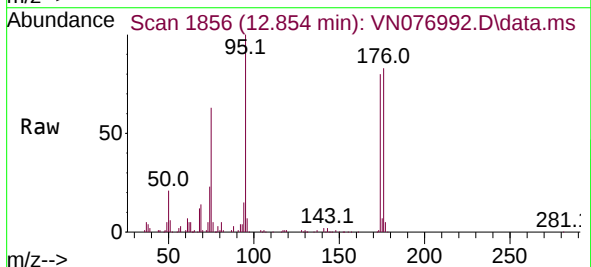
Instrument :
MSVOA_N
ClientSampleId :
UNION-1

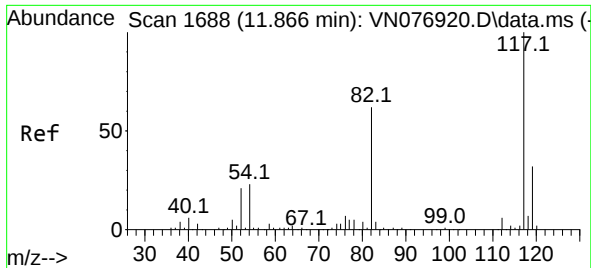
Tgt Ion: 98 Resp: 424002
Ion Ratio Lower Upper
98 100
100 65.3 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 50.882 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076992.D
Acq: 14 Mar 2023 19:10

Tgt Ion: 95 Resp: 165650
Ion Ratio Lower Upper
95 100
174 80.5 0.0 162.4
176 81.2 0.0 157.4

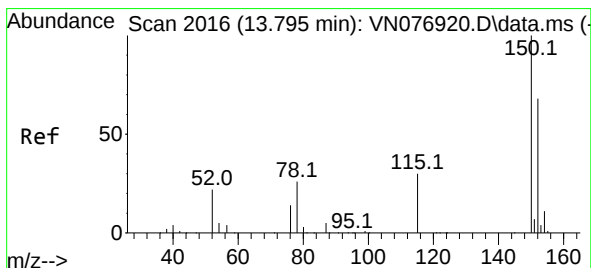
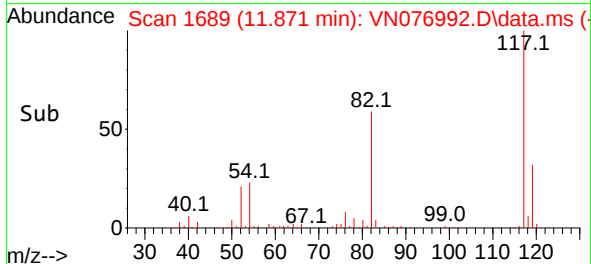
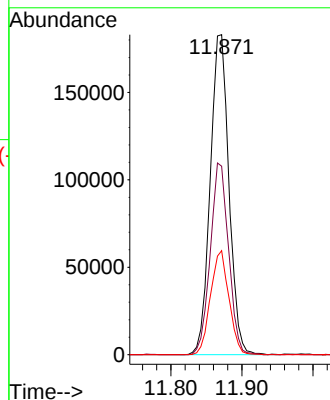
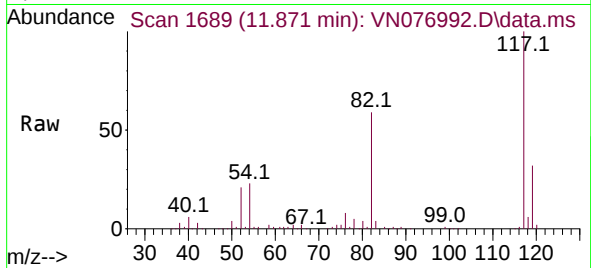




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.005 min
Lab File: VN076992.D
Acq: 14 Mar 2023 19:10

Instrument :
MSVOA_N
ClientSampleId :
UNION-1

Tgt Ion:117 Resp: 334512
Ion Ratio Lower Upper
117 100
82 58.9 43.5 65.3
119 32.5 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: VN076992.D
Acq: 14 Mar 2023 19:10

Tgt Ion:152 Resp: 151565
Ion Ratio Lower Upper
152 100
115 67.9 30.3 90.9
150 159.2 0.0 353.6

