

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072723\
 Data File : VN078672.D
 Acq On : 27 Jul 2023 20:11
 Operator : JC\MD
 Sample : 03770-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HOWE-1-LP

Quant Time: Jul 28 01:12:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

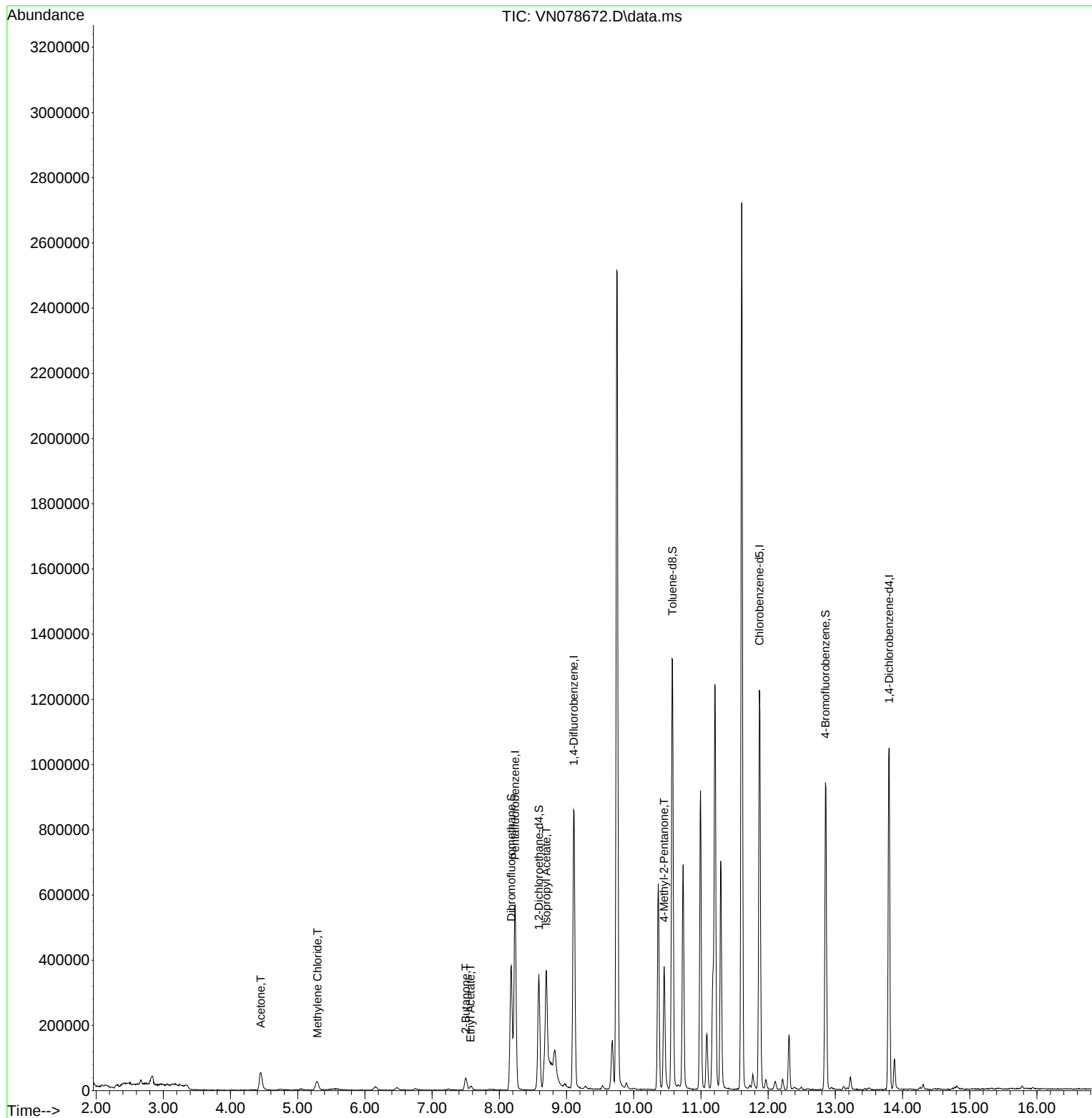
Internal Standards						
1) Pentafluorobenzene	8.236	168	424229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	780459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	753343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	296762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	277542	48.801	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.600%
35) Dibromofluoromethane	8.177	113	276408	52.172	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.340%
50) Toluene-d8	10.577	98	955566	47.744	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.480%
62) 4-Bromofluorobenzene	12.853	95	327834	53.178	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.360%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	104122	58.774	ug/l	98
20) Methylene Chloride	5.295	84	22089	3.202	ug/l	93
25) 2-Butanone	7.500	43	57827	20.736	ug/l	91
37) Ethyl Acetate	7.571	43	17694	2.775	ug/l #	89
43) Isopropyl Acetate	8.700	43	467810	44.558	ug/l #	73
51) 4-Methyl-2-Pentanone	10.453	43	249719	39.988	ug/l	91

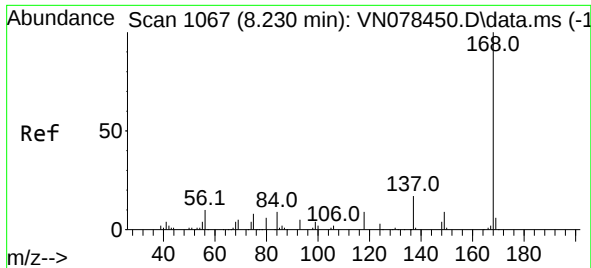
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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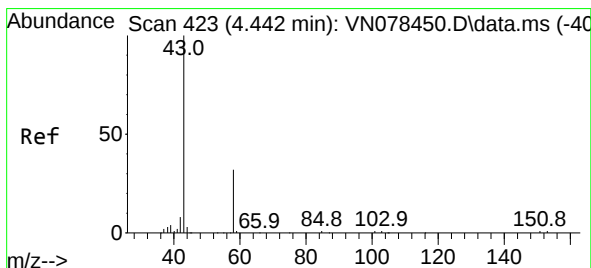
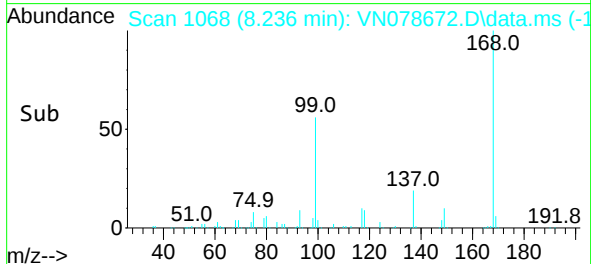
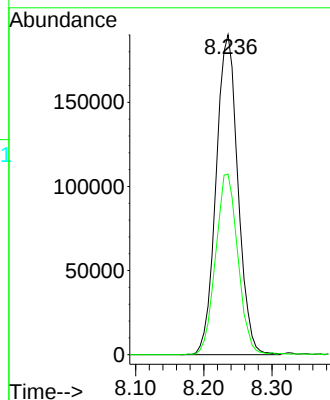
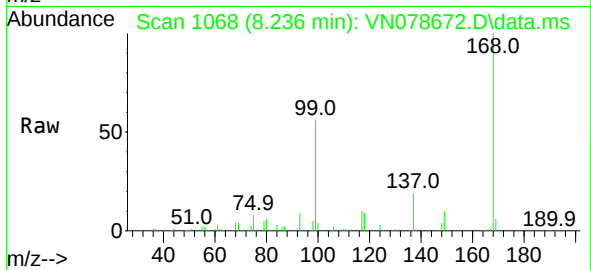




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN078672.D
Acq: 27 Jul 2023 20:11

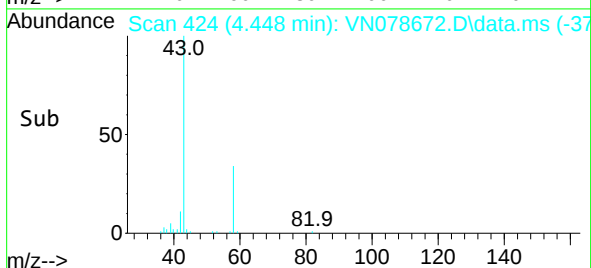
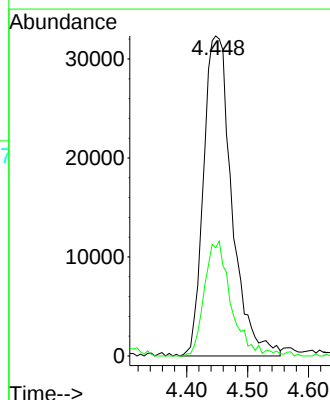
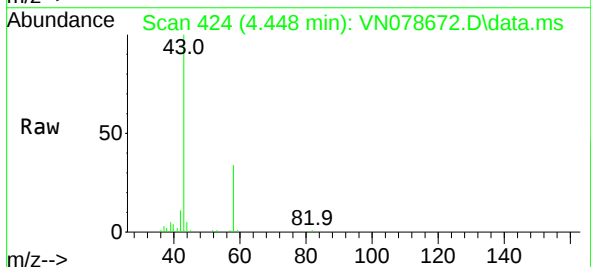
Instrument :
MSVOA_N
ClientSampleId :
HOWE-1-LP

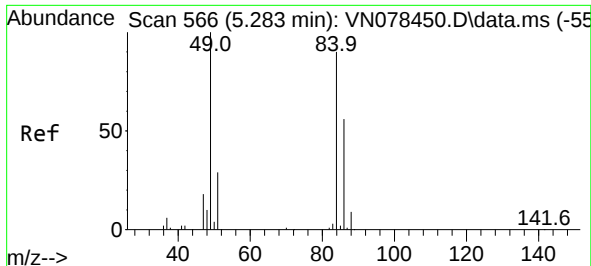
Tgt Ion:168 Resp: 424229
Ion Ratio Lower Upper
168 100
99 56.4 53.0 79.6



#16
Acetone
Concen: 58.774 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.006 min
Lab File: VN078672.D
Acq: 27 Jul 2023 20:11

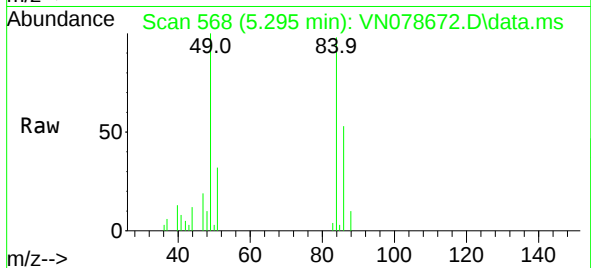
Tgt Ion: 43 Resp: 104122
Ion Ratio Lower Upper
43 100
58 33.8 28.0 42.0



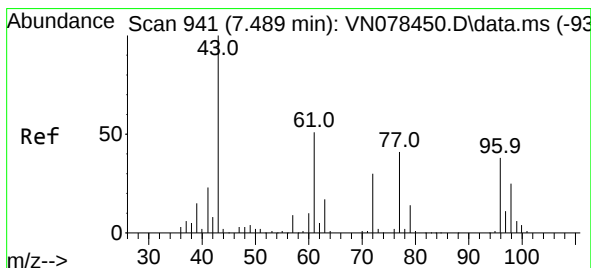
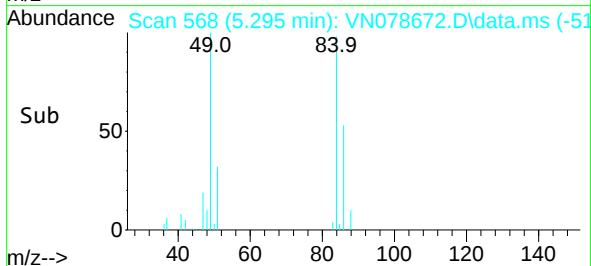
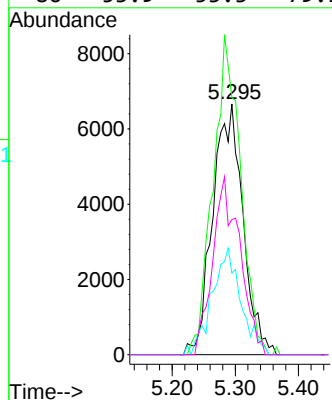


#20
Methylene Chloride
Concen: 3.202 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN078672.D
Acq: 27 Jul 2023 20:11

Instrument :
MSVOA_N
ClientSampleId :
HOWE-1-LP

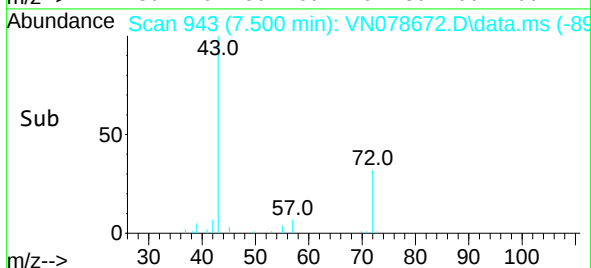
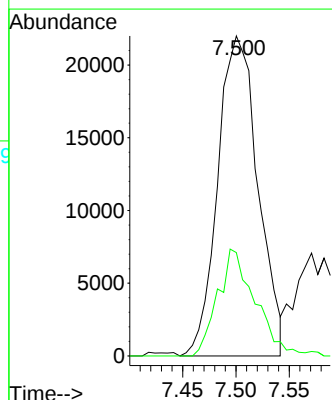
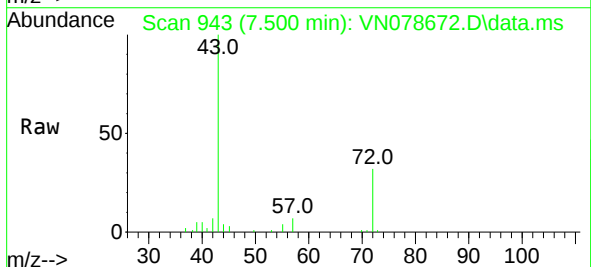


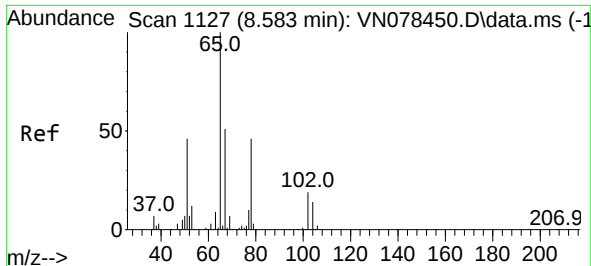
Tgt Ion:	84	Resp:	22089
Ion	Ratio	Lower	Upper
84	100		
49	102.5	79.7	119.5
51	32.5	25.2	37.8
86	53.9	53.3	79.9



#25
2-Butanone
Concen: 20.736 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.011 min
Lab File: VN078672.D
Acq: 27 Jul 2023 20:11

Tgt Ion:	43	Resp:	57827
Ion	Ratio	Lower	Upper
43	100		
72	32.3	30.2	45.2

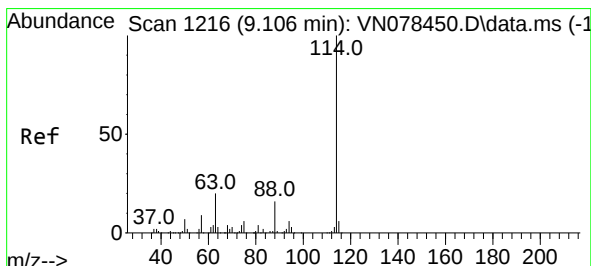
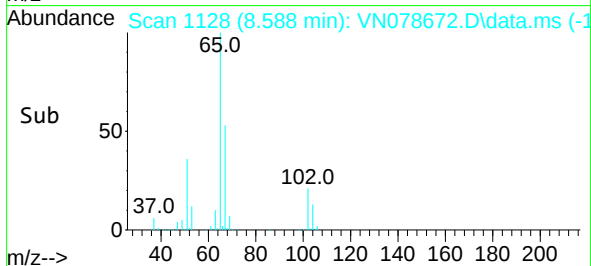
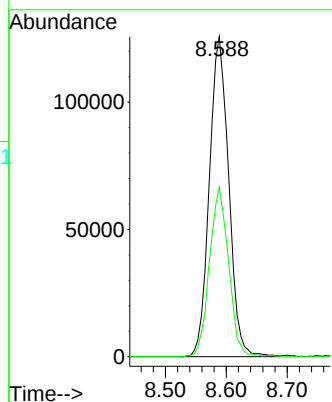
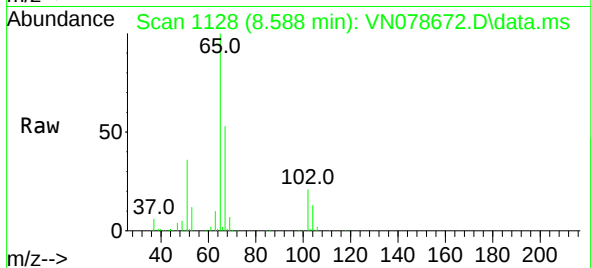




#33
 1,2-Dichloroethane-d4
 Concen: 48.801 ug/l
 RT: 8.588 min Scan# 1127
 Delta R.T. 0.005 min
 Lab File: VN078672.D
 Acq: 27 Jul 2023 20:11

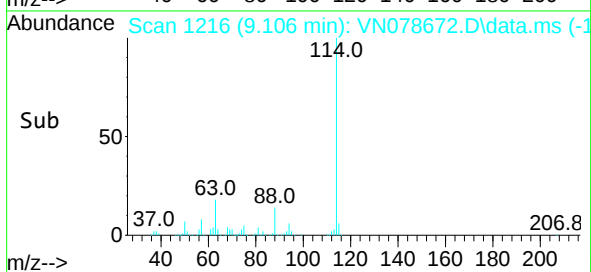
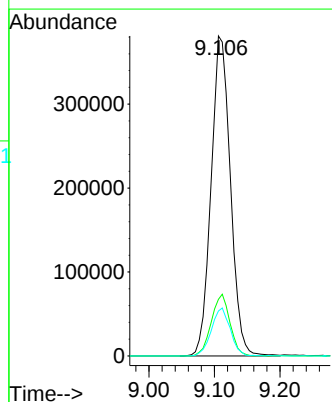
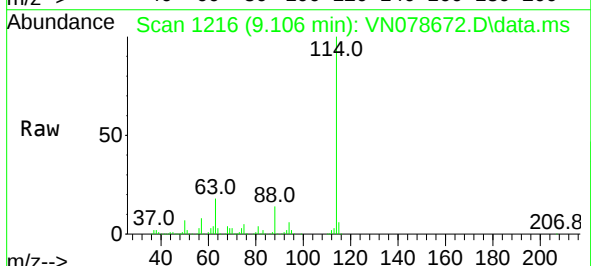
Instrument :
 MSVOA_N
 ClientSampleId :
 HOWE-1-LP

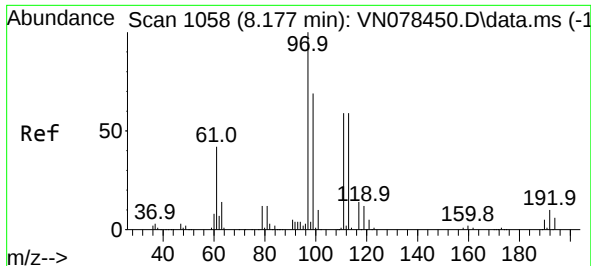
Tgt Ion: 65 Resp: 277542
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN078672.D
 Acq: 27 Jul 2023 20:11

Tgt Ion: 114 Resp: 780459
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.4
 88 14.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.172 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078672.D

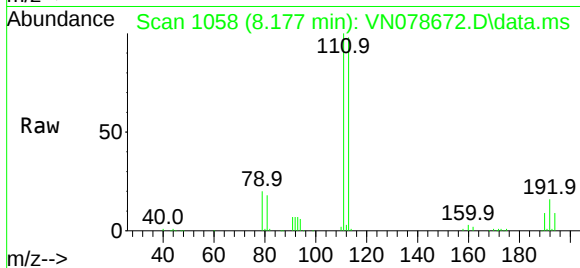
Acq: 27 Jul 2023 20:11

Instrument :

MSVOA_N

ClientSampleId :

HOWE-1-LP



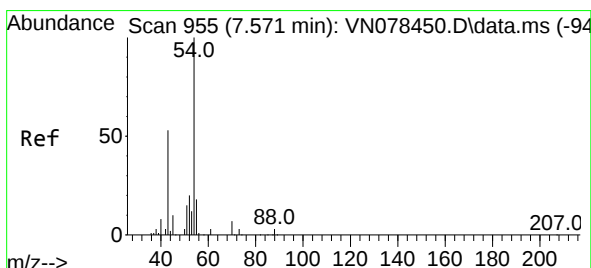
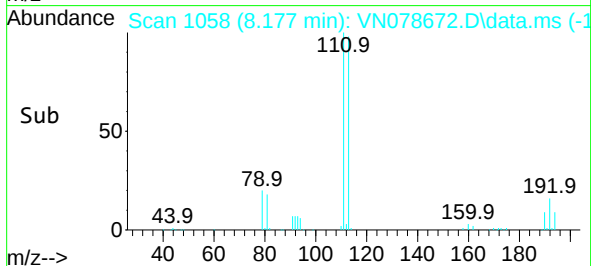
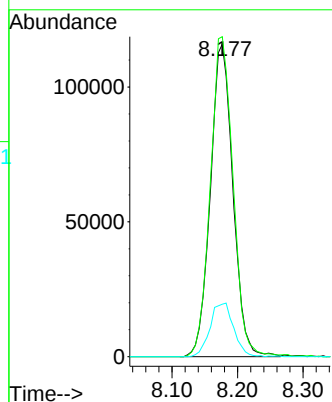
Tgt Ion:113 Resp: 276408

Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

192 18.0 12.7 19.1



#37

Ethyl Acetate

Concen: 2.775 ug/l

RT: 7.571 min Scan# 955

Delta R.T. -0.000 min

Lab File: VN078672.D

Acq: 27 Jul 2023 20:11

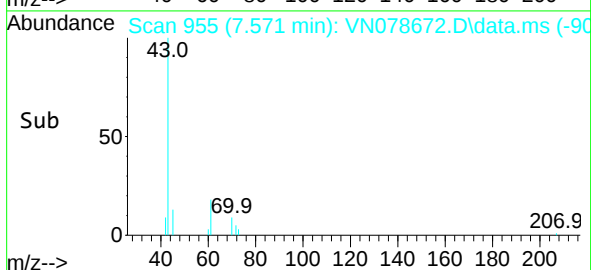
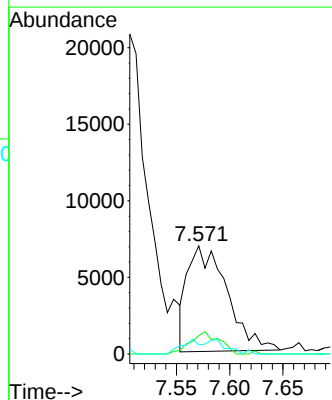
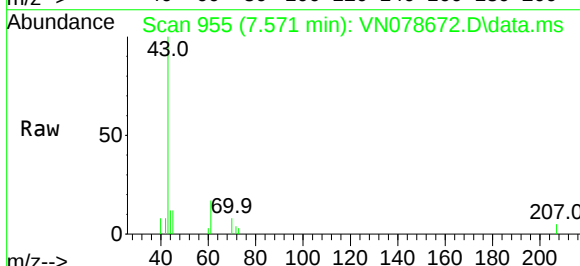
Tgt Ion: 43 Resp: 17694

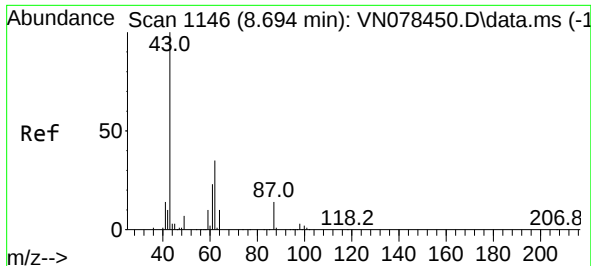
Ion Ratio Lower Upper

43 100

61 15.2 13.2 19.8

70 6.0 11.3 16.9#

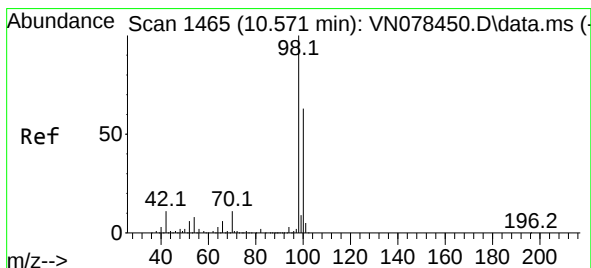
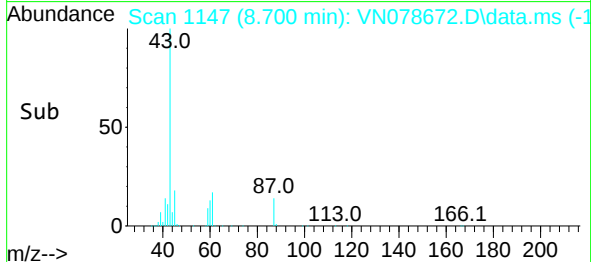
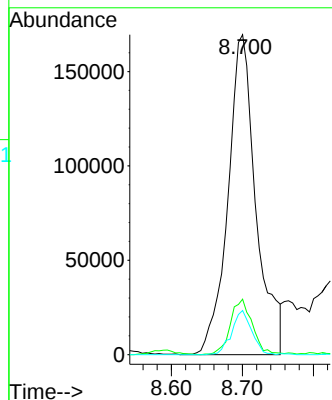
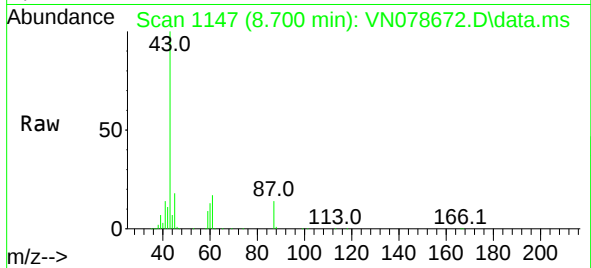




#43
Isopropyl Acetate
Concen: 44.558 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078672.D
Acq: 27 Jul 2023 20:11

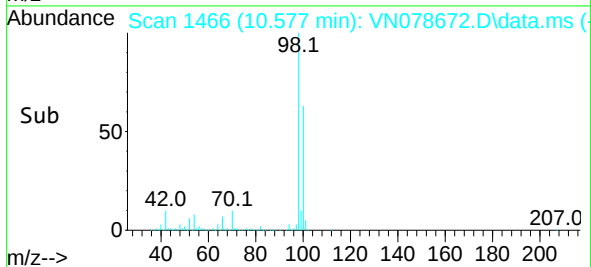
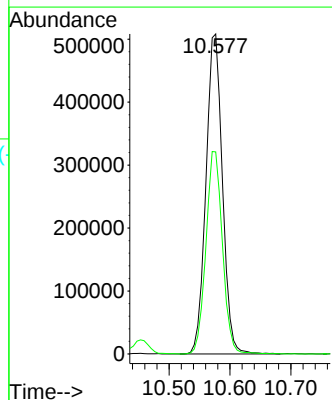
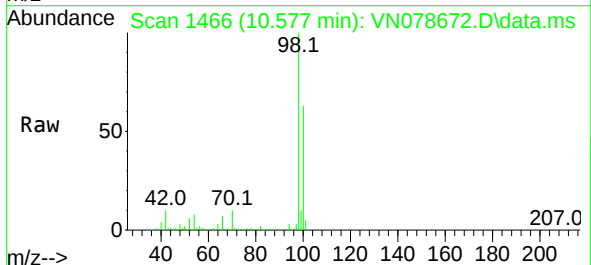
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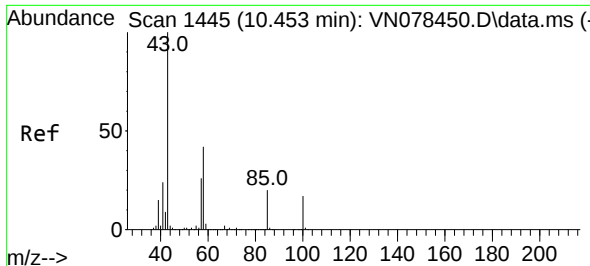
Tgt Ion: 43 Resp: 467810
Ion Ratio Lower Upper
43 100
61 13.6 24.7 37.1#
87 9.8 14.6 21.8#



#50
Toluene-d8
Concen: 47.744 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078672.D
Acq: 27 Jul 2023 20:11

Tgt Ion: 98 Resp: 955566
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0

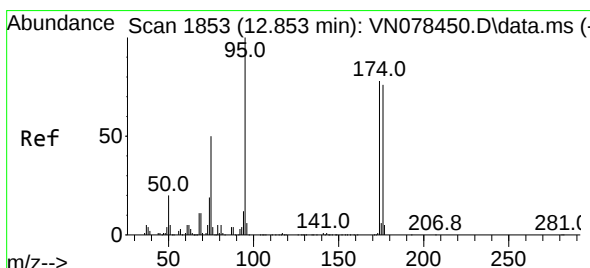
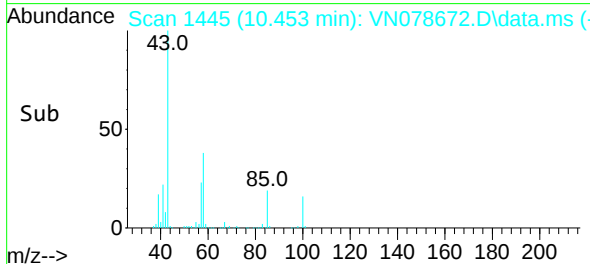
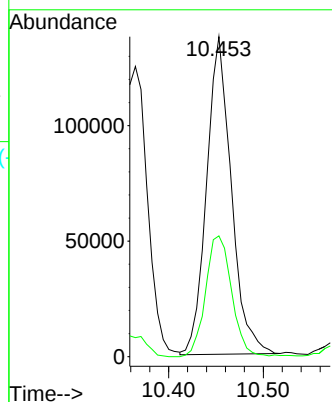
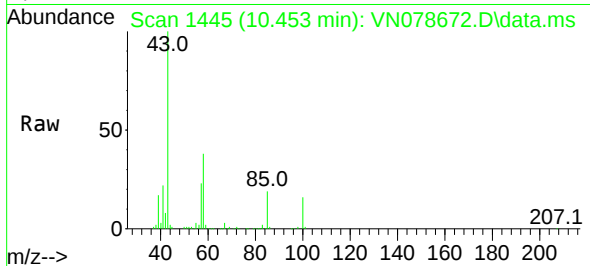




#51
4-Methyl-2-Pentanone
Concen: 39.988 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078672.D
Acq: 27 Jul 2023 20:11

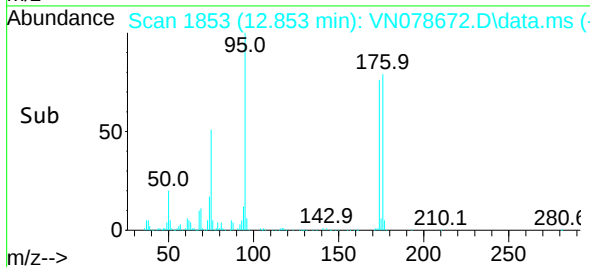
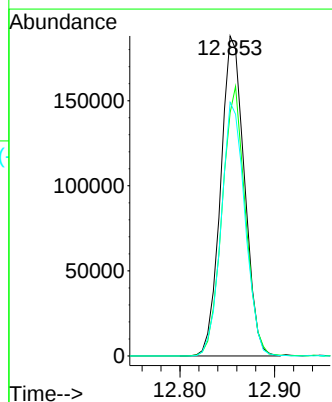
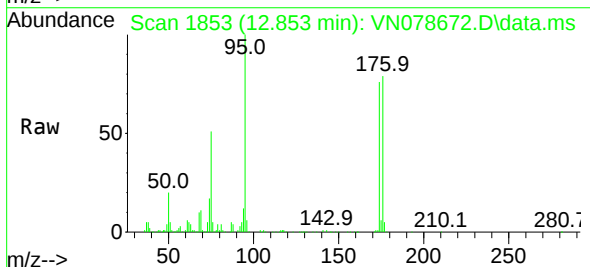
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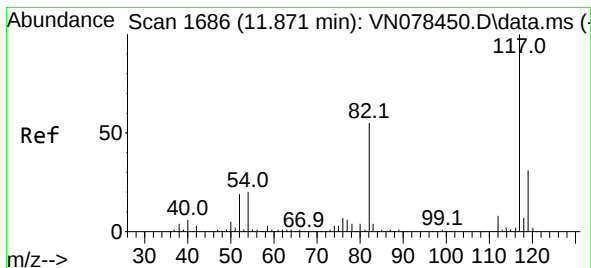
Tgt Ion: 43 Resp: 249719
Ion Ratio Lower Upper
43 100
58 40.0 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 53.178 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078672.D
Acq: 27 Jul 2023 20:11

Tgt Ion: 95 Resp: 327834
Ion Ratio Lower Upper
95 100
174 82.1 0.0 143.8
176 79.2 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078672.D

Acq: 27 Jul 2023 20:11

Instrument :

MSVOA_N

ClientSampleId :

HOWE-1-LP

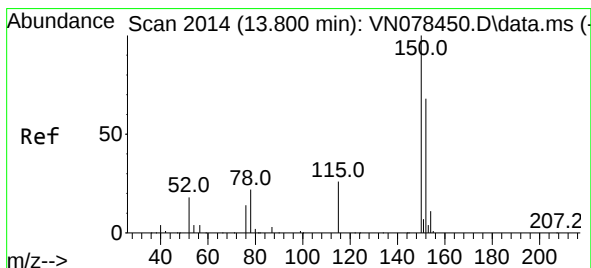
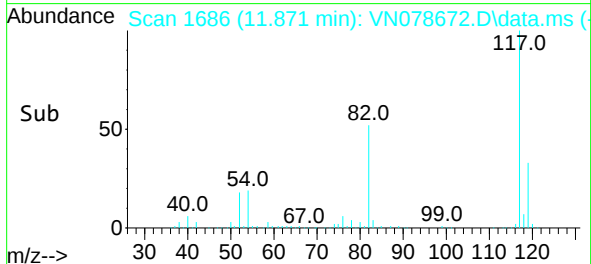
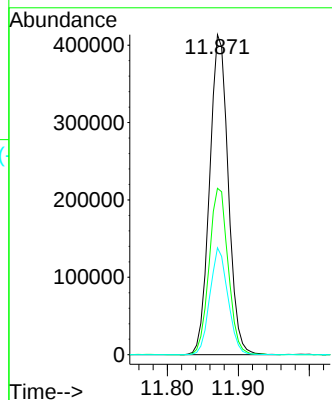
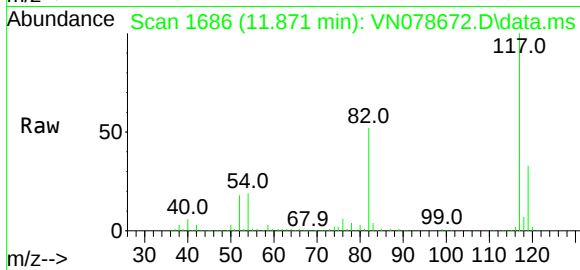
Tgt Ion:117 Resp: 753343

Ion Ratio Lower Upper

117 100

82 52.0 44.0 66.0

119 33.4 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078672.D

Acq: 27 Jul 2023 20:11

Tgt Ion:152 Resp: 296762

Ion Ratio Lower Upper

152 100

115 58.3 32.3 96.8

150 155.5 0.0 355.8

