

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062423\
 Data File : VN078392.D
 Acq On : 24 Jun 2023 14:13
 Operator : JC\MD
 Sample : 03389-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-DRUM

Quant Time: Jun 26 01:49:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

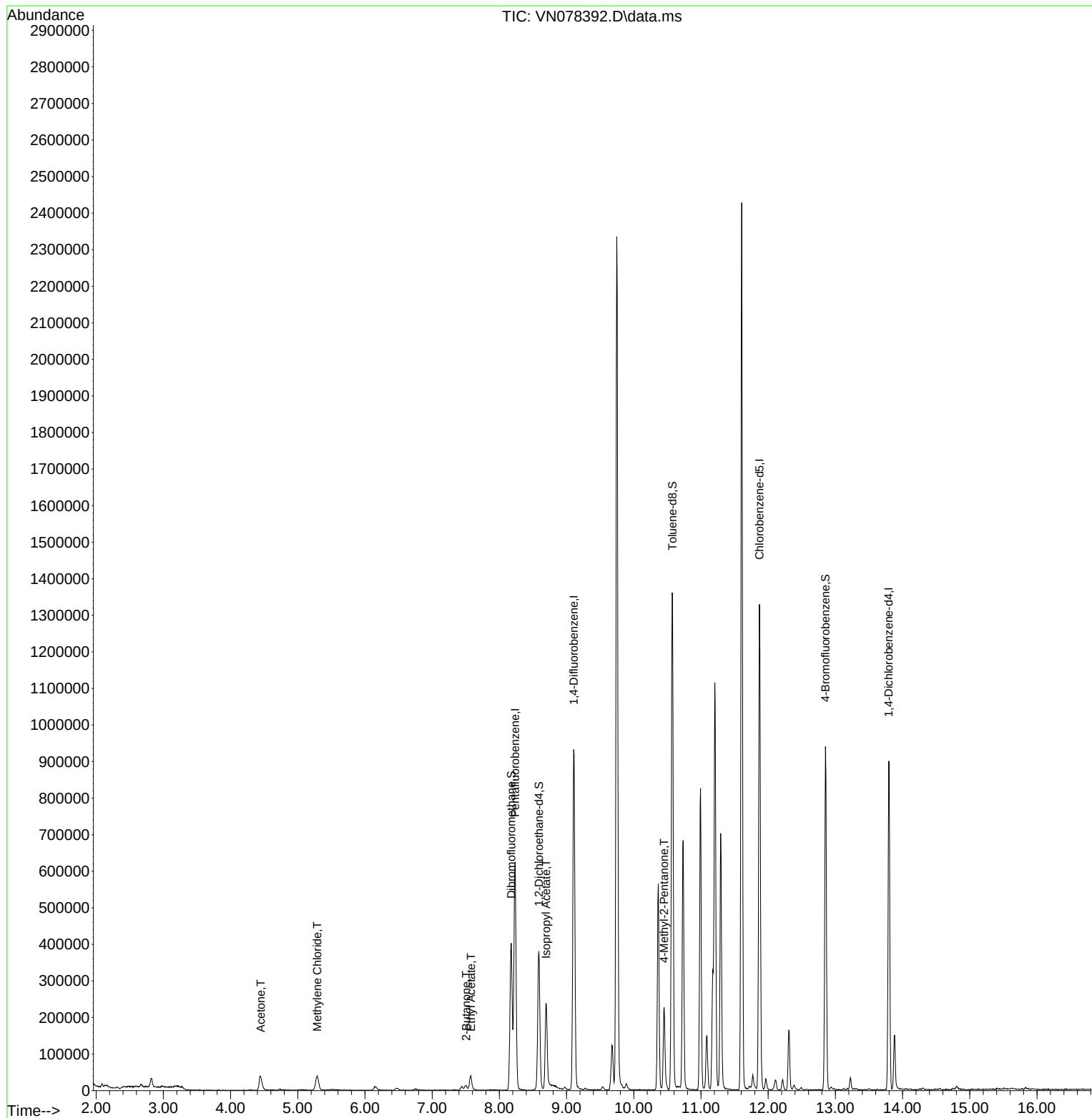
Internal Standards						
1) Pentafluorobenzene	8.236	168	460098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	844689	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	788245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	246067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	309332	50.425	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.840%	
35) Dibromofluoromethane	8.177	113	293412	54.937	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.880%	
50) Toluene-d8	10.577	98	1008572	48.985	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.960%	
62) 4-Bromofluorobenzene	12.853	95	333868	52.160	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.320%	
Target Compounds						Qvalue
16) Acetone	4.448	43	74558	42.225	ug/l	99
20) Methylene Chloride	5.289	84	31164	5.341	ug/l	92
25) 2-Butanone	7.506	43	19174	7.061	ug/l	91
37) Ethyl Acetate	7.577	43	58785	9.823	ug/l	96
43) Isopropyl Acetate	8.694	43	275377	24.060	ug/l #	83
51) 4-Methyl-2-Pentanone	10.453	43	152029	25.225	ug/l	91

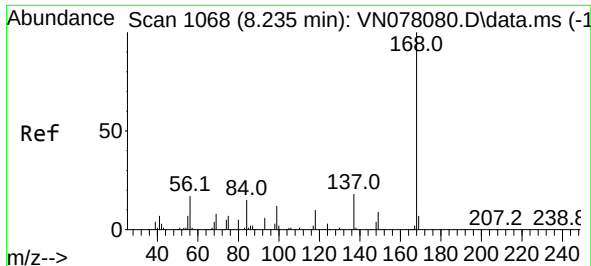
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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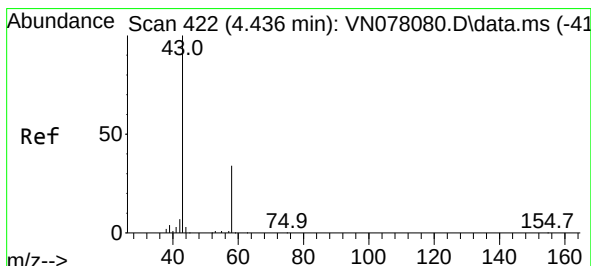
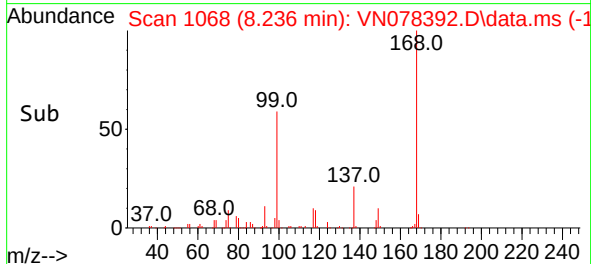
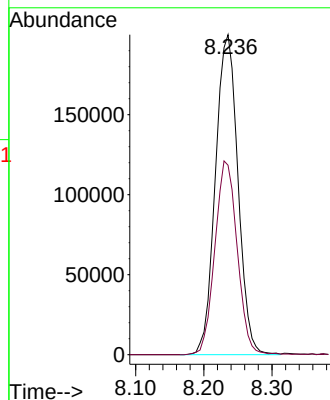
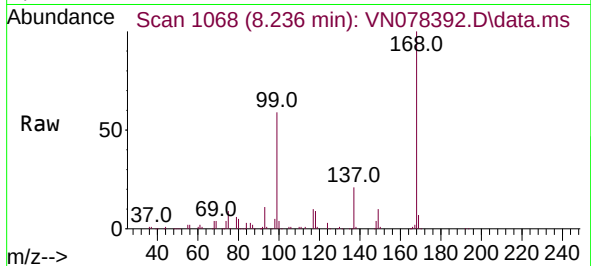




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN078392.D
Acq: 24 Jun 2023 14:13

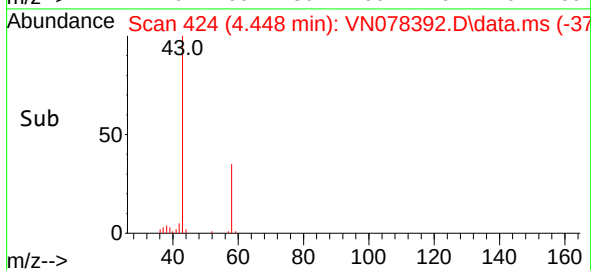
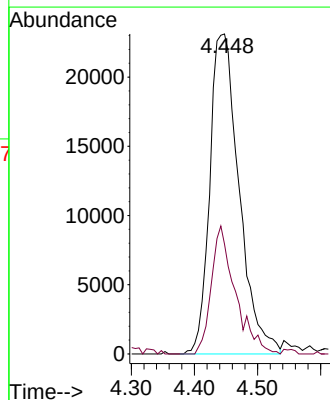
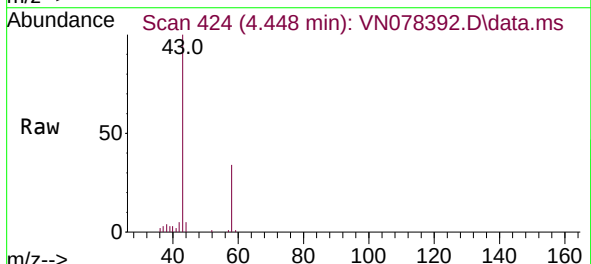
Instrument :
MSVOA_N
ClientSampleId :
WC-DRUM

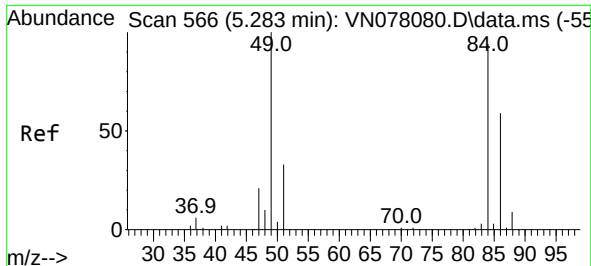
Tgt Ion:168 Resp: 460098
Ion Ratio Lower Upper
168 100
99 59.2 53.0 79.6



#16
Acetone
Concen: 42.225 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.012 min
Lab File: VN078392.D
Acq: 24 Jun 2023 14:13

Tgt Ion: 43 Resp: 74558
Ion Ratio Lower Upper
43 100
58 34.3 28.0 42.0

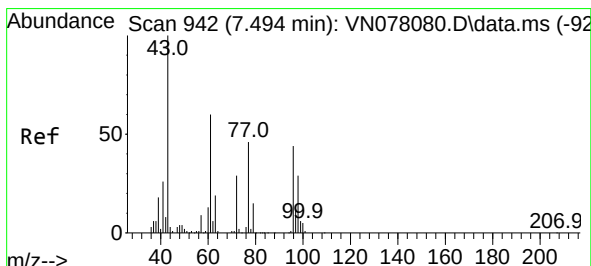
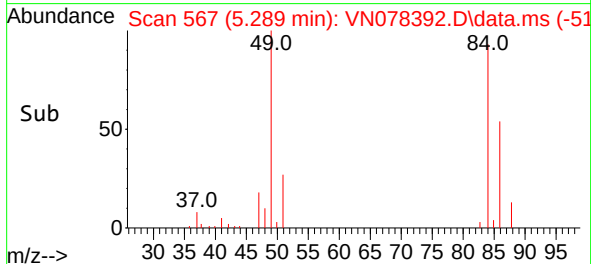
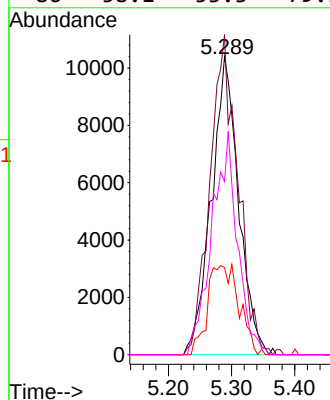
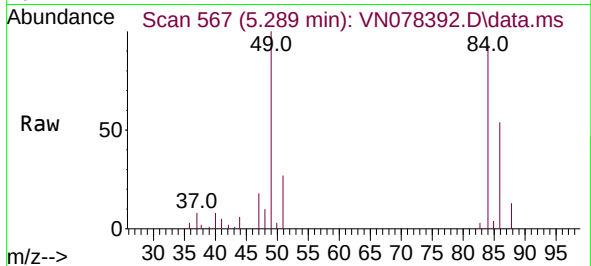




#20
Methylene Chloride
Concen: 5.341 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078392.D
Acq: 24 Jun 2023 14:13

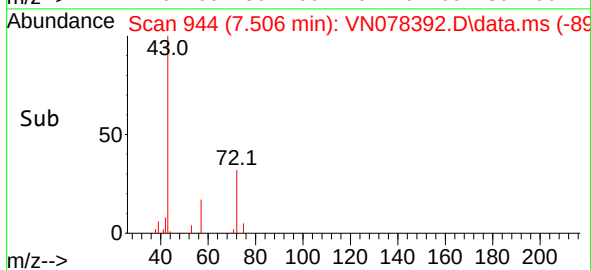
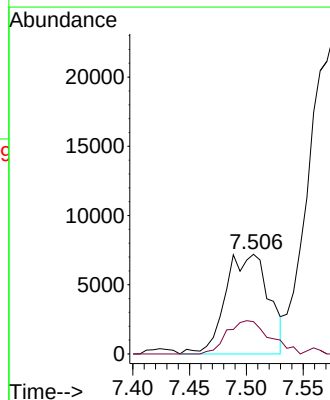
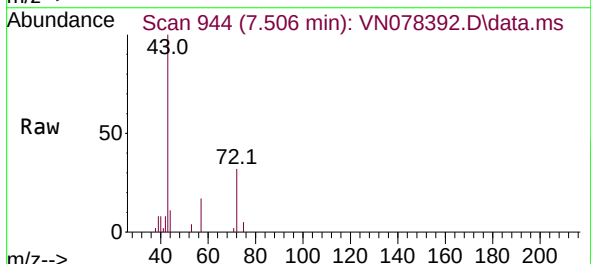
Instrument :
MSVOA_N
ClientSampleId :
WC-DRUM

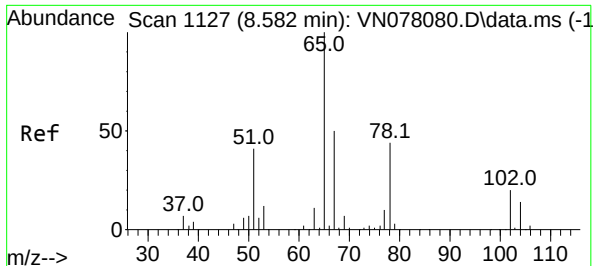
Tgt Ion:	84	Resp:	31164
Ion	Ratio	Lower	Upper
84	100		
49	107.3	79.7	119.5
51	29.3	25.2	37.8
86	58.1	53.3	79.9



#25
2-Butanone
Concen: 7.061 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.012 min
Lab File: VN078392.D
Acq: 24 Jun 2023 14:13

Tgt Ion:	43	Resp:	19174
Ion	Ratio	Lower	Upper
43	100		
72	32.4	30.2	45.2

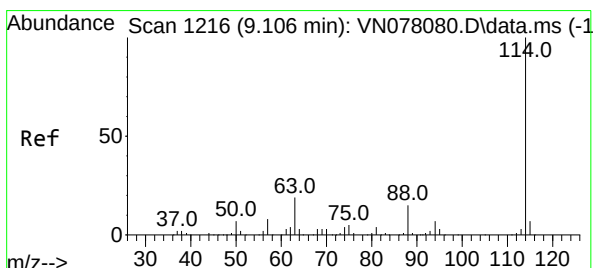
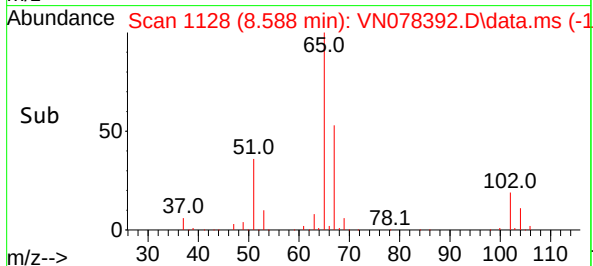
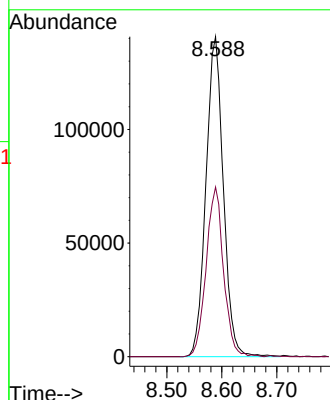
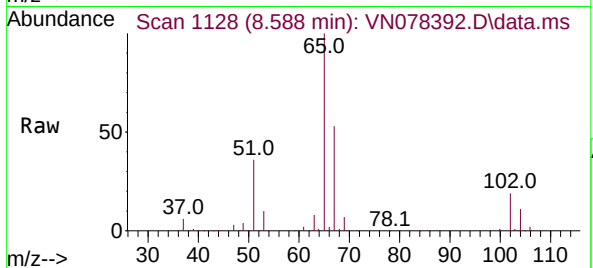




#33
 1,2-Dichloroethane-d4
 Concen: 50.425 ug/l
 RT: 8.588 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: VN078392.D
 Acq: 24 Jun 2023 14:13

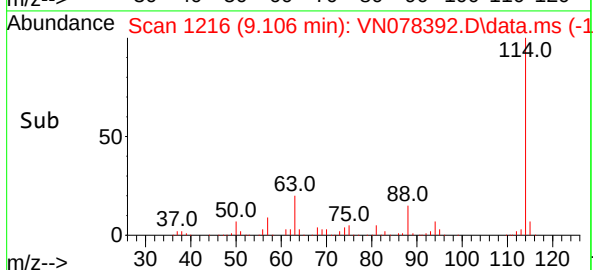
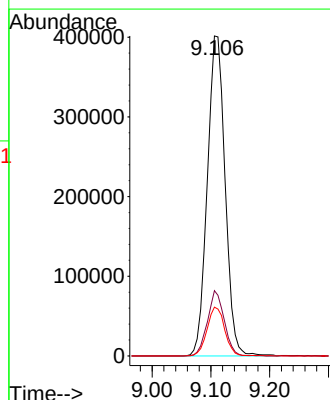
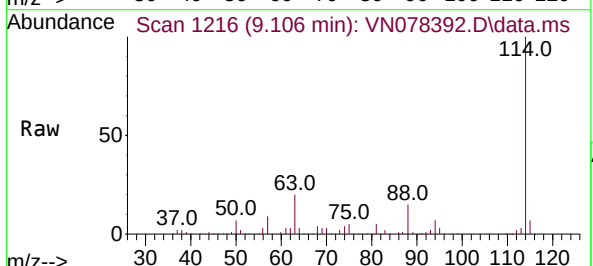
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-DRUM

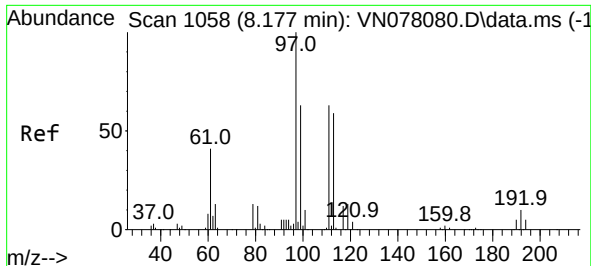
Tgt Ion: 65 Resp: 309332
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN078392.D
 Acq: 24 Jun 2023 14:13

Tgt Ion: 114 Resp: 844689
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 36.4
 88 15.2 0.0 30.6

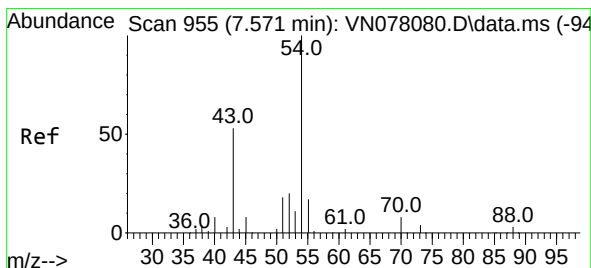
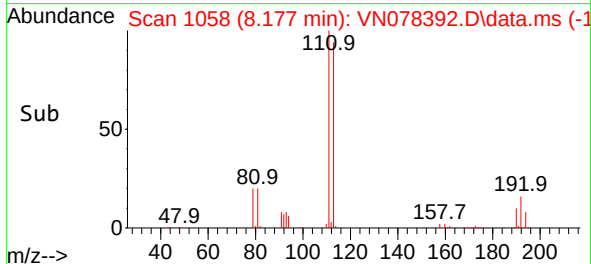
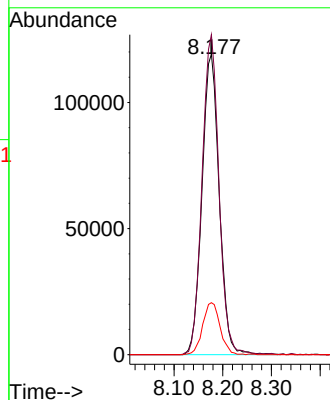
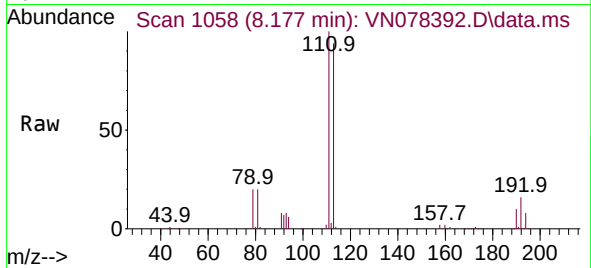




#35
Dibromofluoromethane
Concen: 54.937 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078392.D
Acq: 24 Jun 2023 14:13

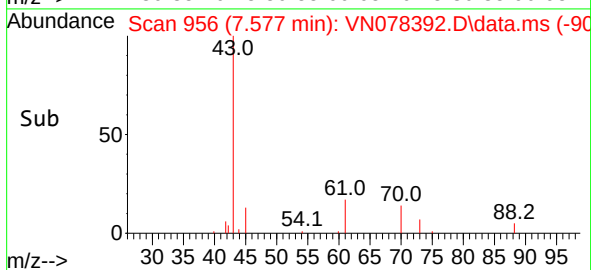
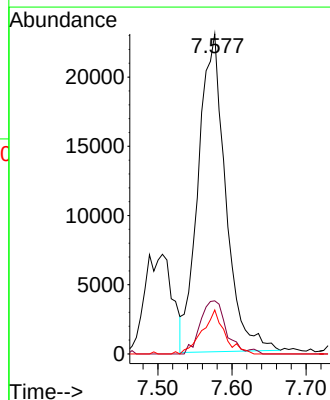
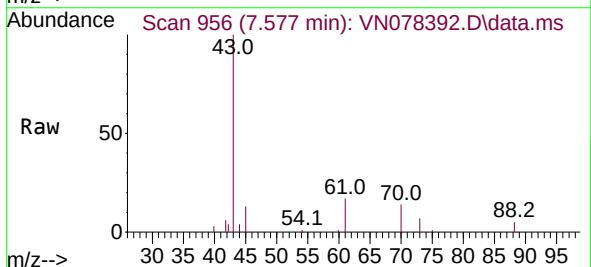
Instrument :
MSVOA_N
ClientSampleId :
WC-DRUM

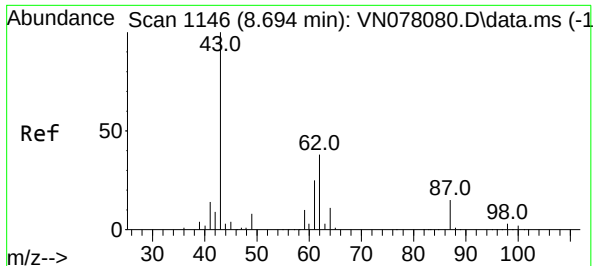
Tgt Ion:113 Resp: 293412
Ion Ratio Lower Upper
113 100
111 104.0 82.6 123.8
192 17.4 12.7 19.1



#37
Ethyl Acetate
Concen: 9.823 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.006 min
Lab File: VN078392.D
Acq: 24 Jun 2023 14:13

Tgt Ion: 43 Resp: 58785
Ion Ratio Lower Upper
43 100
61 15.6 13.2 19.8
70 11.4 11.3 16.9





#43

Isopropyl Acetate

Concen: 24.060 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078392.D

Acq: 24 Jun 2023 14:13

Instrument :

MSVOA_N

ClientSampleId :

WC-DRUM

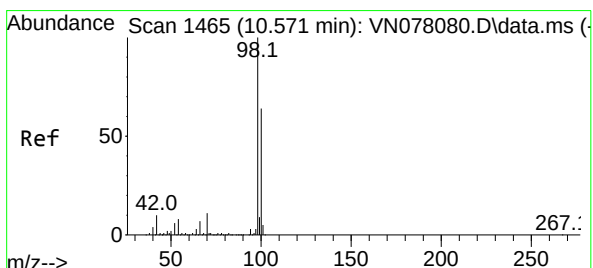
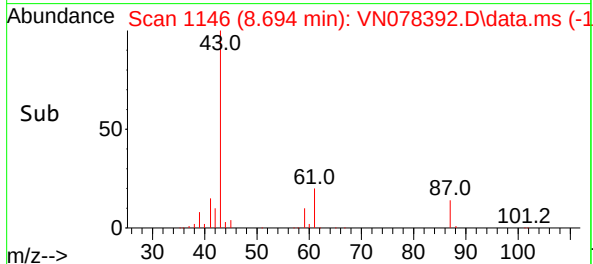
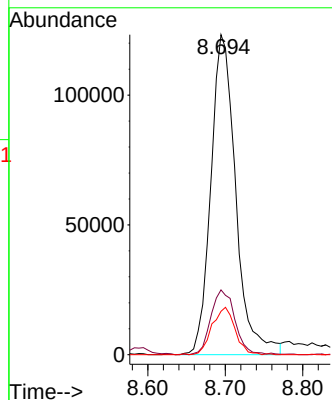
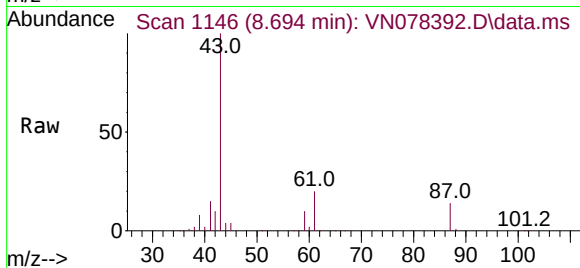
Tgt Ion: 43 Resp: 275377

Ion Ratio Lower Upper

43 100

61 19.3 24.7 37.1#

87 13.7 14.6 21.8#



#50

Toluene-d8

Concen: 48.985 ug/l

RT: 10.577 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VN078392.D

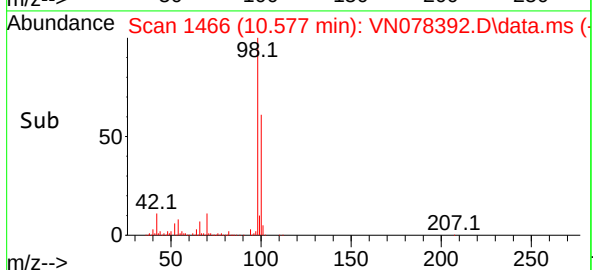
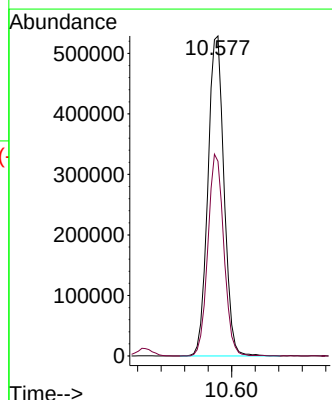
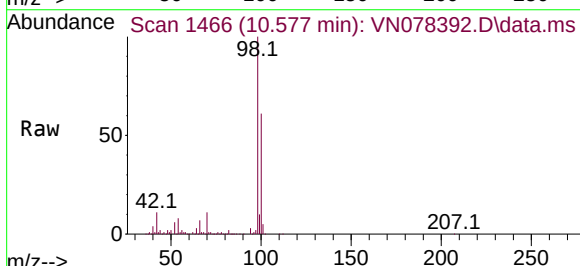
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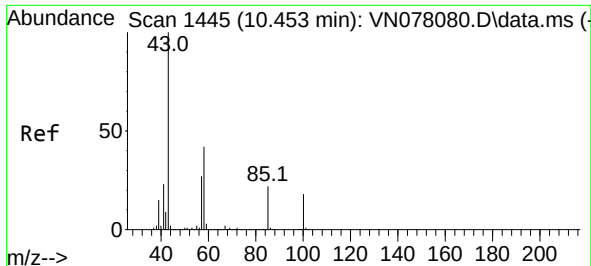
Tgt Ion: 98 Resp: 1008572

Ion Ratio Lower Upper

98 100

100 62.5 52.0 78.0

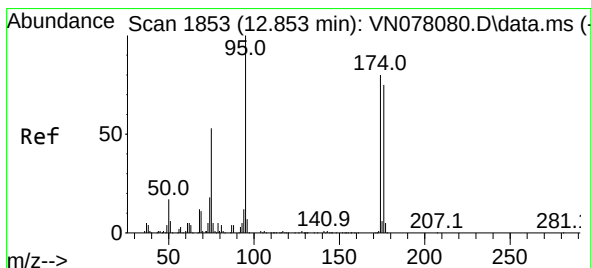
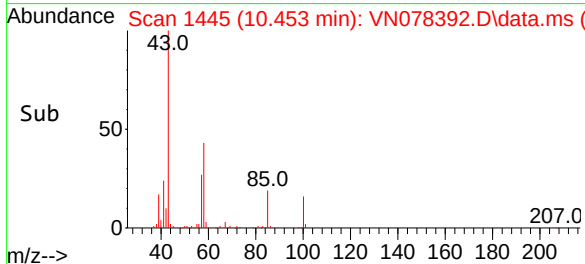
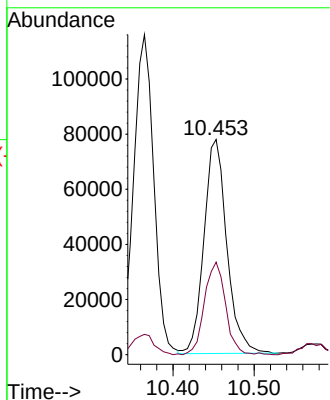
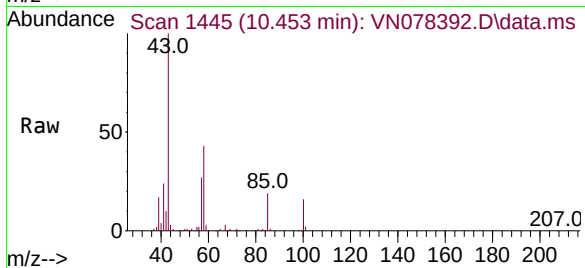




#51
4-Methyl-2-Pentanone
Concen: 25.225 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078392.D
Acq: 24 Jun 2023 14:13

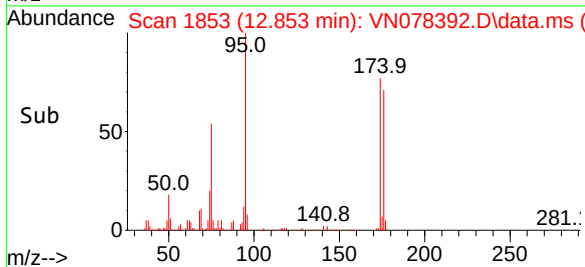
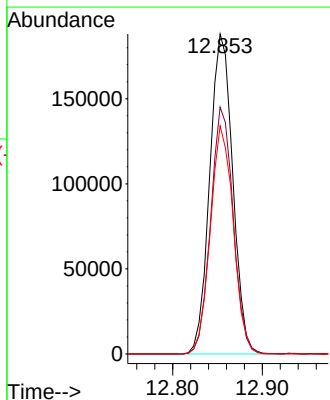
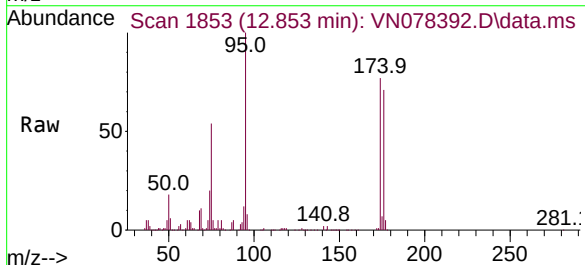
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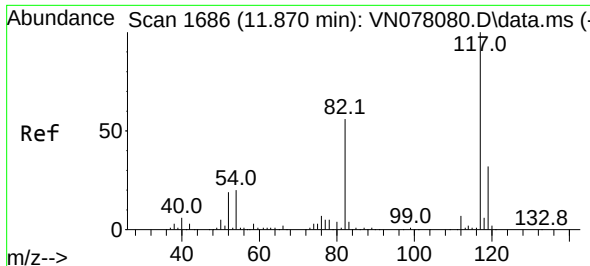
Tgt Ion: 43 Resp: 152029
Ion Ratio Lower Upper
43 100
58 39.5 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 52.160 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078392.D
Acq: 24 Jun 2023 14:13

Tgt Ion: 95 Resp: 333868
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.8
176 70.9 0.0 135.8

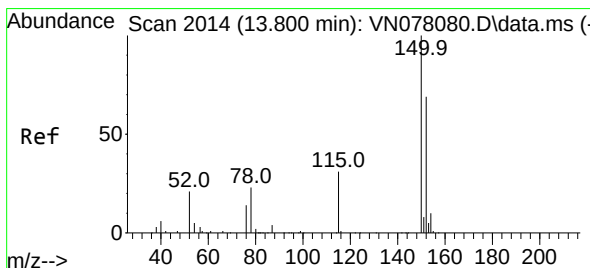
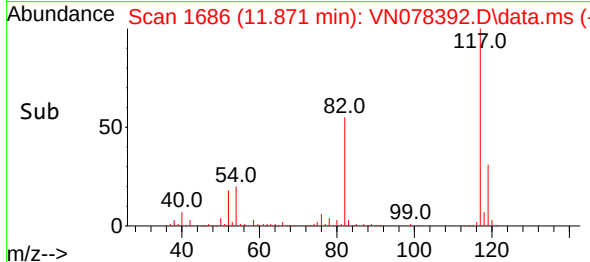
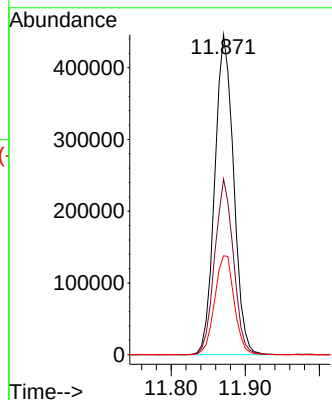
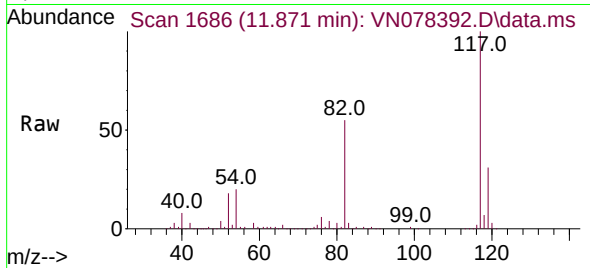




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078392.D
Acq: 24 Jun 2023 14:13

Instrument :
MSVOA_N
ClientSampleId :
WC-DRUM

Tgt Ion:117 Resp: 788245
Ion Ratio Lower Upper
117 100
82 54.9 44.0 66.0
119 30.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078392.D
Acq: 24 Jun 2023 14:13

Tgt Ion:152 Resp: 246067
Ion Ratio Lower Upper
152 100
115 62.9 32.3 96.8
150 157.0 0.0 355.8

