

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
 Data File : VN077464.D
 Acq On : 25 Apr 2023 11:43
 Operator : JC\MD
 Sample : 02460-04 40X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

Quant Time: Apr 25 14:07:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

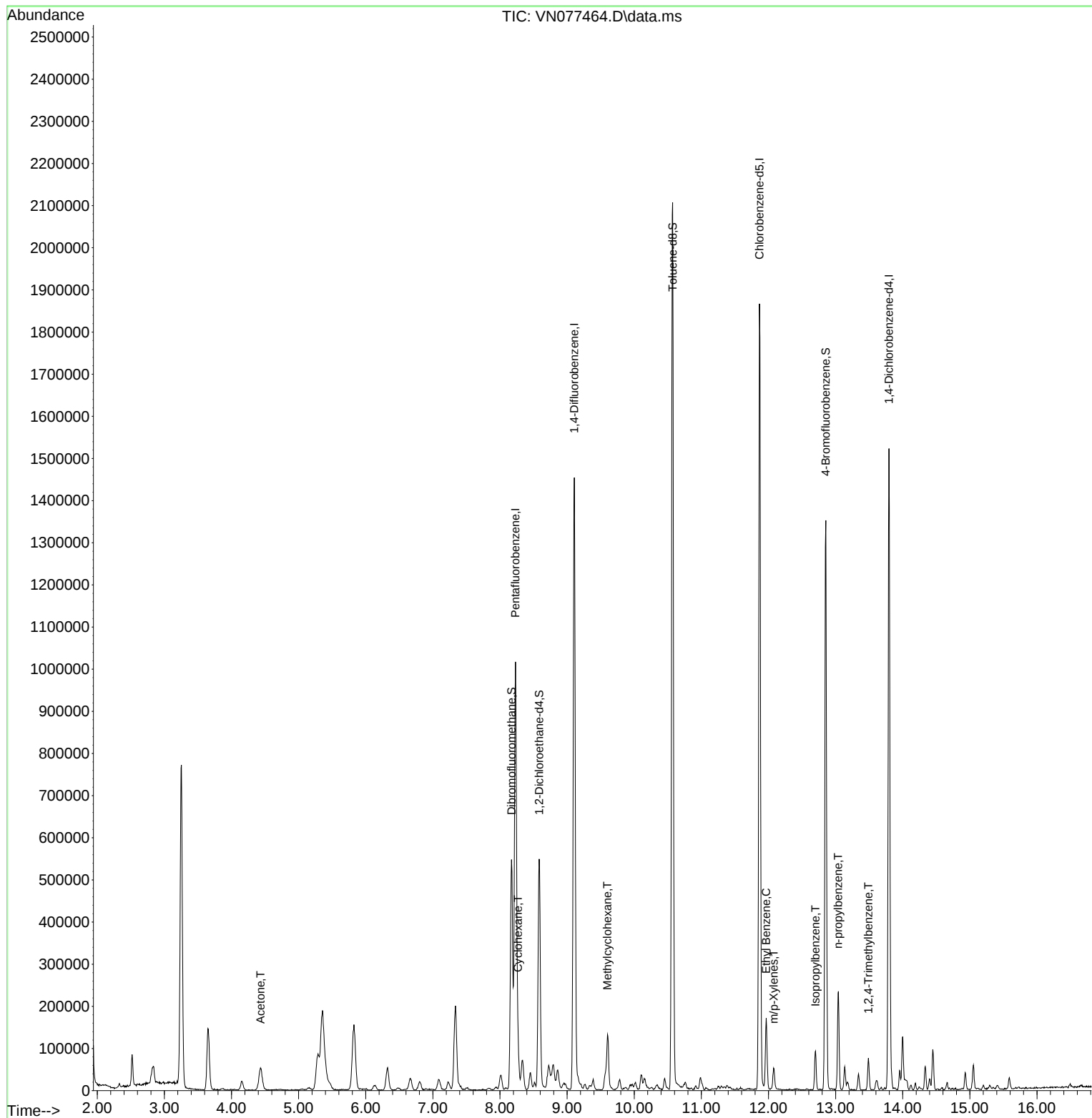
Internal Standards						
1) Pentafluorobenzene	8.230	168	691414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1292306	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1148738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	411787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	456747	50.625	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.260%	
35) Dibromofluoromethane	8.172	113	393530	50.665	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.320%	
50) Toluene-d8	10.572	98	1560795	52.430	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.860%	
62) 4-Bromofluorobenzene	12.854	95	480619	49.347	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.700%	
Target Compounds						
					Qvalue	
16) Acetone	4.431	43	31151	10.853	ug/l #	56
31) Cyclohexane	8.266	56	71422	5.588	ug/l #	84
39) Methylcyclohexane	9.601	83	63226	4.276	ug/l	92
67) Ethyl Benzene	11.966	91	122238	2.857	ug/l	99
68) m/p-Xylenes	12.077	106	17145	1.031	ug/l	97
73) Isopropylbenzene	12.701	105	65081	1.703	ug/l	99
78) n-propylbenzene	13.036	91	193265	4.574	ug/l	98
84) 1,2,4-Trimethylbenzene	13.489	105	43649	1.647	ug/l	97

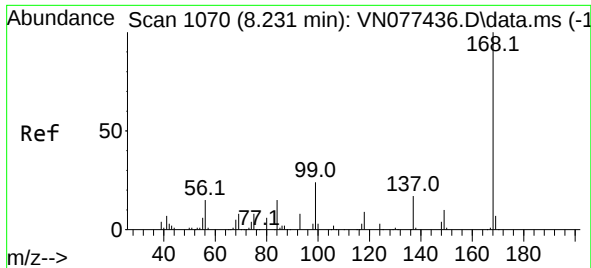
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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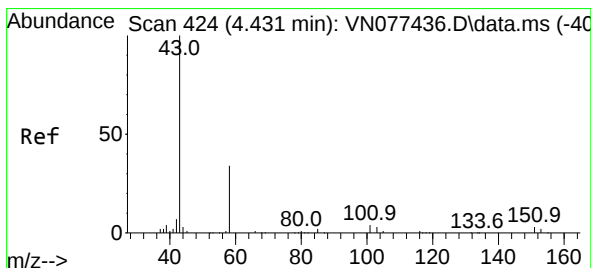
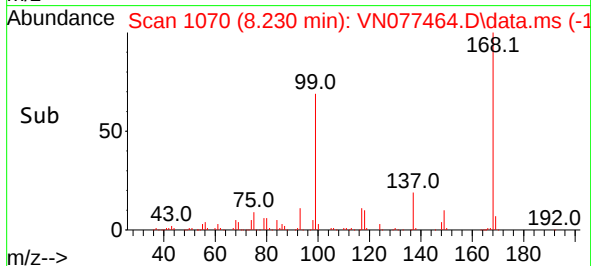
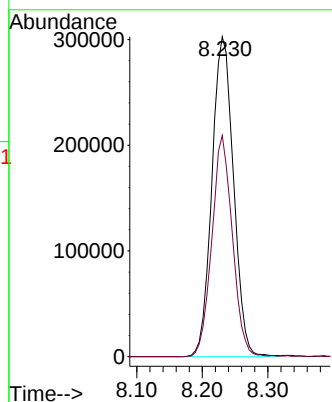
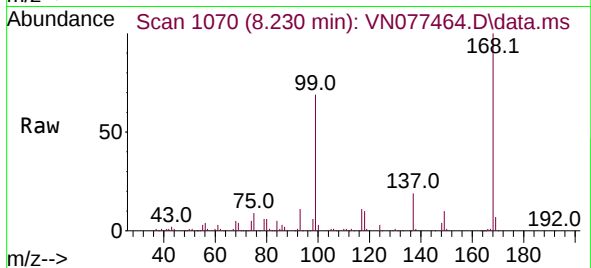




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077464.D
Acq: 25 Apr 2023 11:43

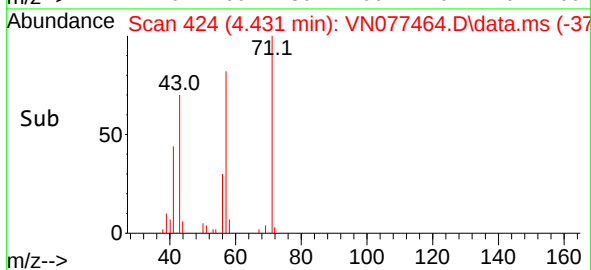
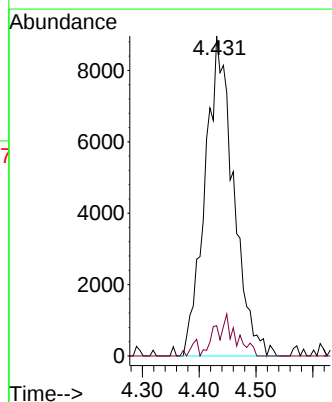
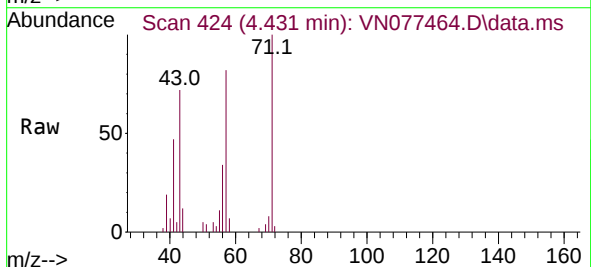
Instrument :
MSVOA_N
ClientSampleId :
MW-5

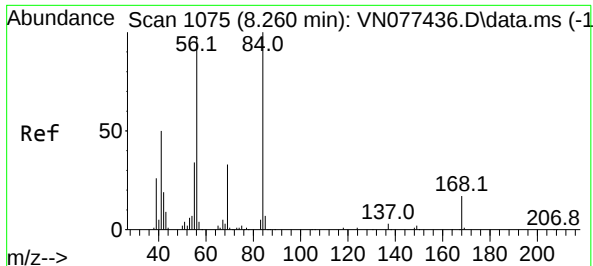
Tgt Ion:168 Resp: 691414
Ion Ratio Lower Upper
168 100
99 69.1 53.0 79.6



#16
Acetone
Concen: 10.853 ug/l
RT: 4.431 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN077464.D
Acq: 25 Apr 2023 11:43

Tgt Ion: 43 Resp: 31151
Ion Ratio Lower Upper
43 100
58 9.5 28.0 42.0#

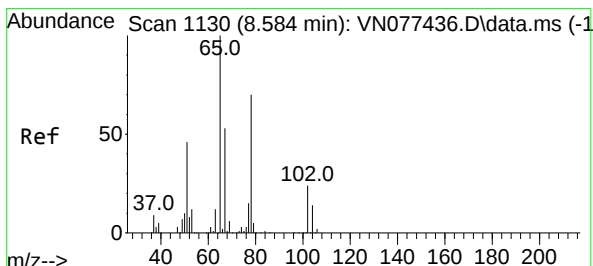
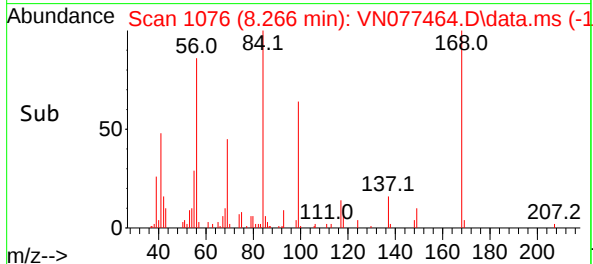
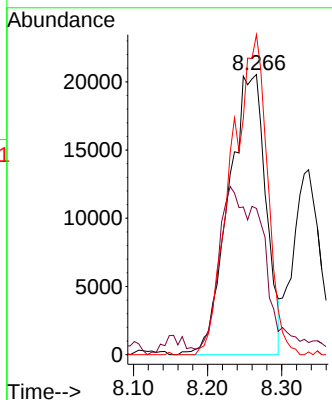
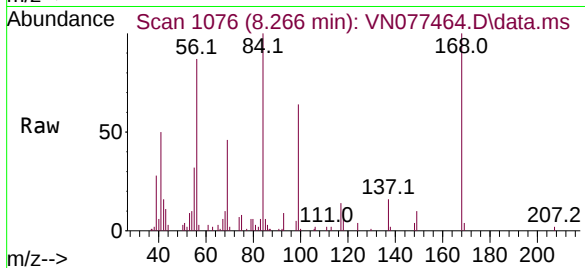




#31
Cyclohexane
Concen: 5.588 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN077464.D
Acq: 25 Apr 2023 11:43

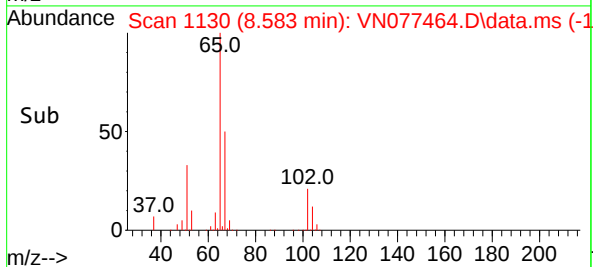
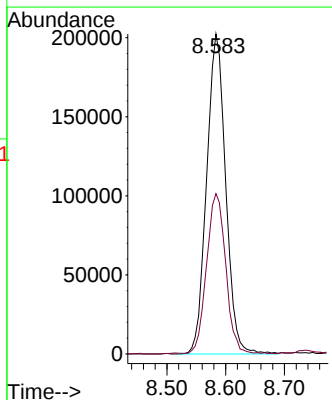
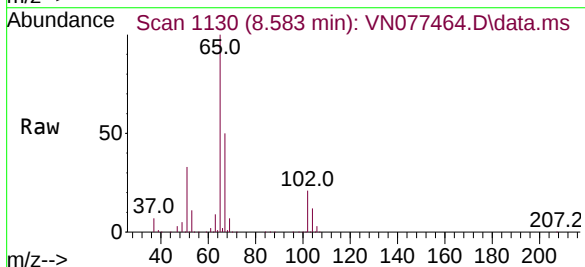
Instrument :
MSVOA_N
ClientSampleId :
MW-5

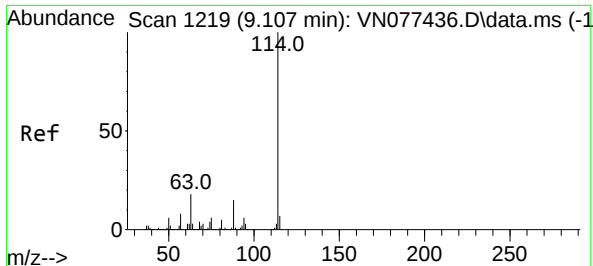
Tgt Ion: 56 Resp: 71422
Ion Ratio Lower Upper
56 100
69 48.7 26.8 40.2#
84 114.2 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 50.625 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077464.D
Acq: 25 Apr 2023 11:43

Tgt Ion: 65 Resp: 456747
Ion Ratio Lower Upper
65 100
67 50.2 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077464.D

Acq: 25 Apr 2023 11:43

Instrument :

MSVOA_N

ClientSampleId :

MW-5

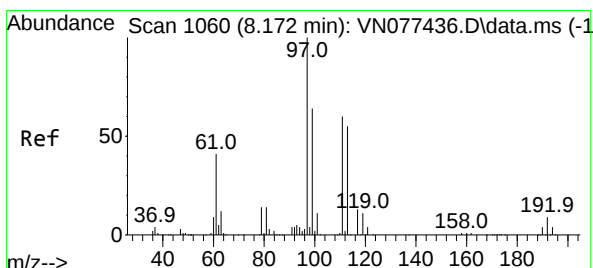
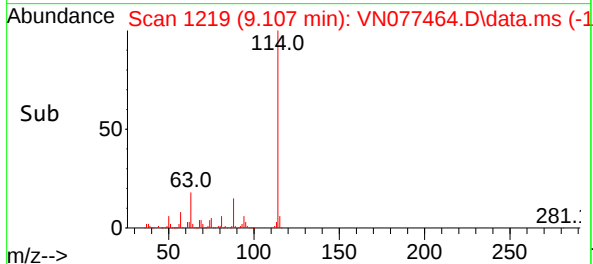
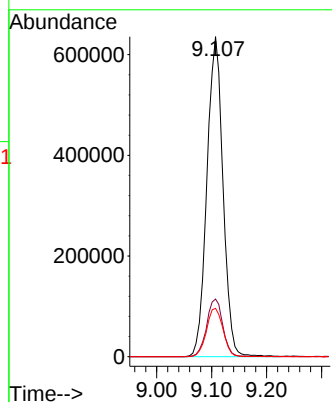
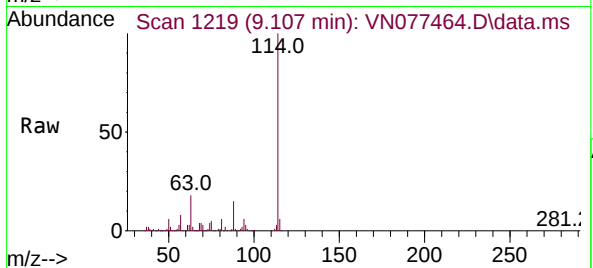
Tgt Ion:114 Resp: 1292306

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.665 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077464.D

Acq: 25 Apr 2023 11:43

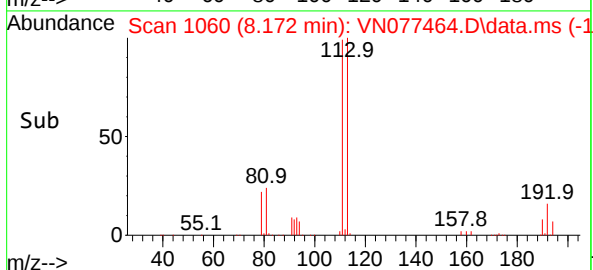
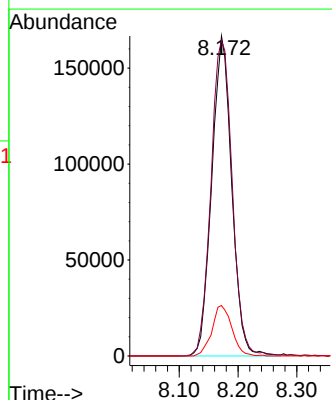
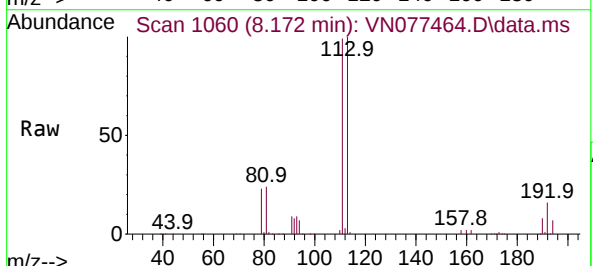
Tgt Ion:113 Resp: 393530

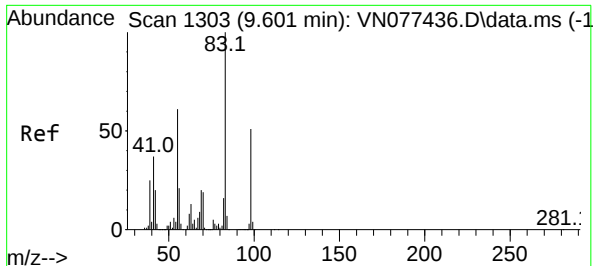
Ion Ratio Lower Upper

113 100

111 105.0 82.6 123.8

192 15.8 12.7 19.1





#39

Methylcyclohexane

Concen: 4.276 ug/l

RT: 9.601 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077464.D

Acq: 25 Apr 2023 11:43

Instrument :

MSVOA_N

ClientSampleId :

MW-5

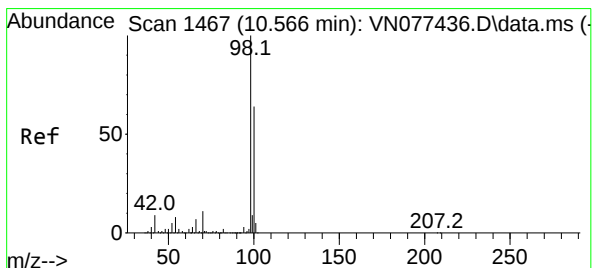
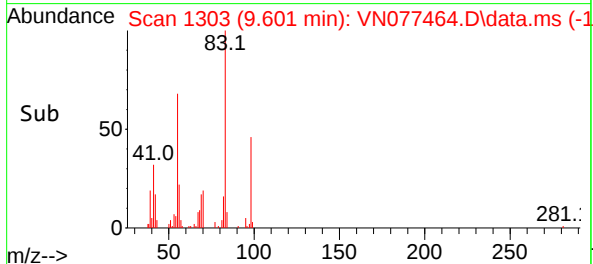
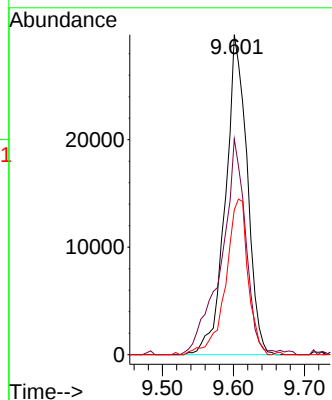
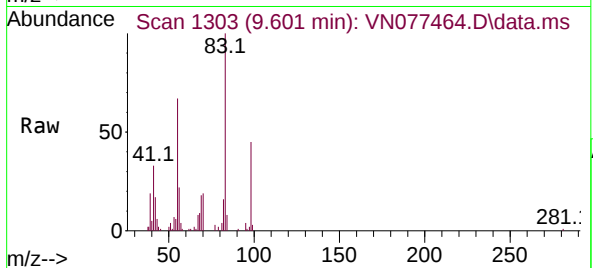
Tgt Ion: 83 Resp: 63226

Ion Ratio Lower Upper

83 100

55 67.4 49.1 73.7

98 45.3 40.6 61.0



#50

Toluene-d8

Concen: 52.430 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN077464.D

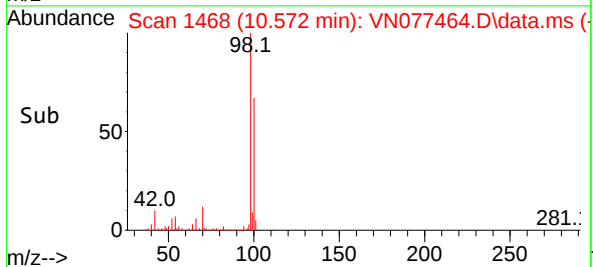
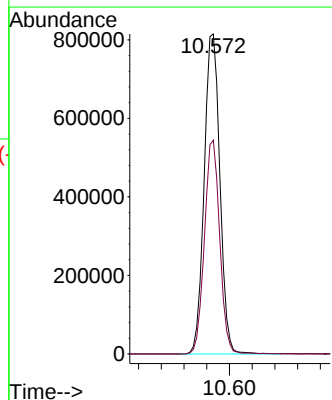
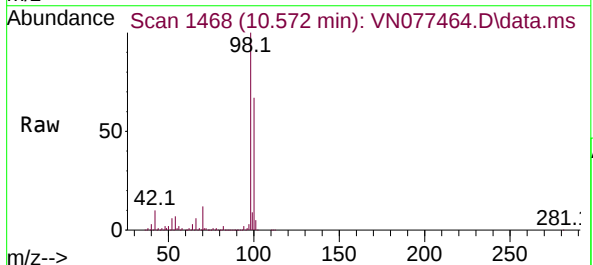
Acq: 25 Apr 2023 11:43

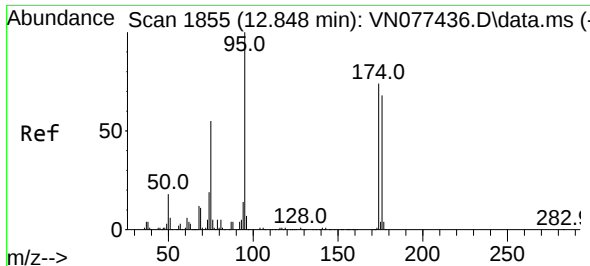
Tgt Ion: 98 Resp: 1560795

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0

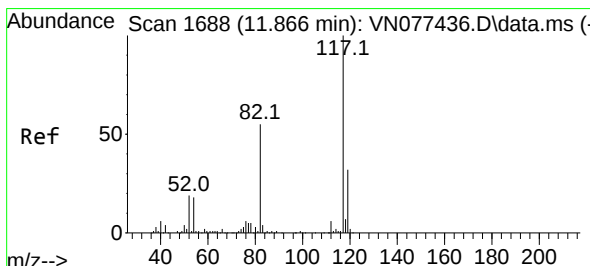
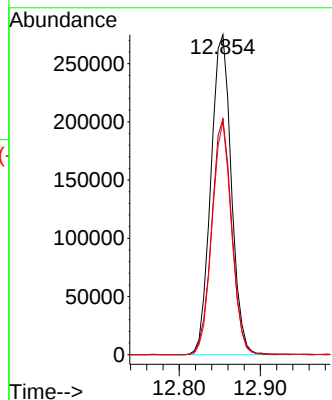
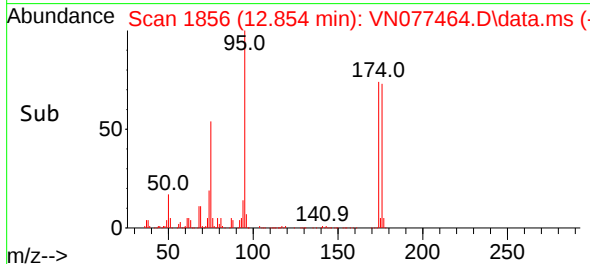
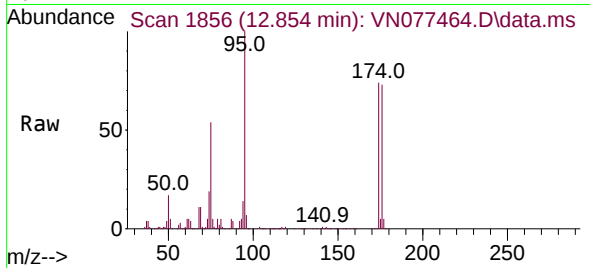




#62
4-Bromofluorobenzene
Concen: 49.347 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077464.D
Acq: 25 Apr 2023 11:43

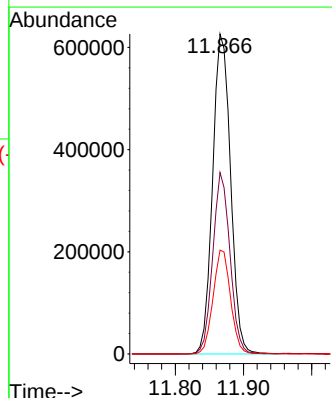
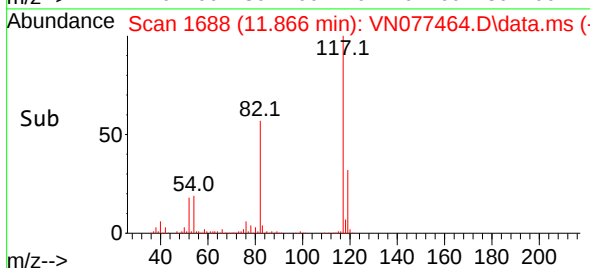
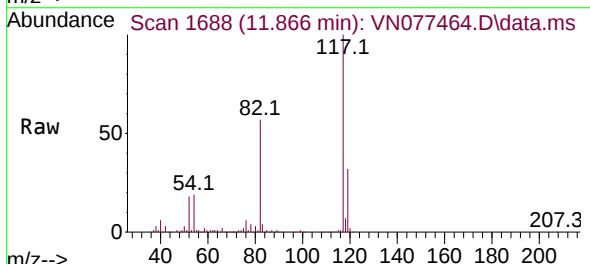
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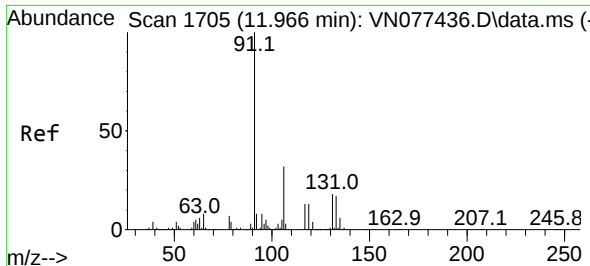
Tgt Ion: 95 Resp: 480619
Ion Ratio Lower Upper
95 100
174 72.2 0.0 143.8
176 69.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077464.D
Acq: 25 Apr 2023 11:43

Tgt Ion: 117 Resp: 1148738
Ion Ratio Lower Upper
117 100
82 56.7 44.0 66.0
119 32.4 25.6 38.4





#67

Ethyl Benzene

Concen: 2.857 ug/l

RT: 11.966 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VN077464.D

Acq: 25 Apr 2023 11:43

Instrument :

MSVOA_N

ClientSampleId :

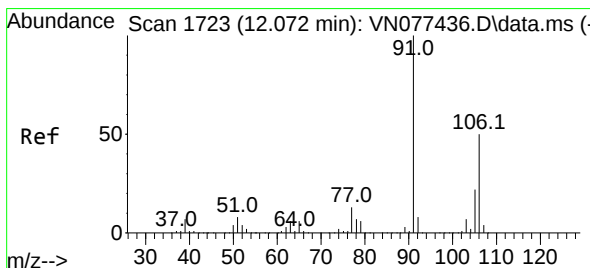
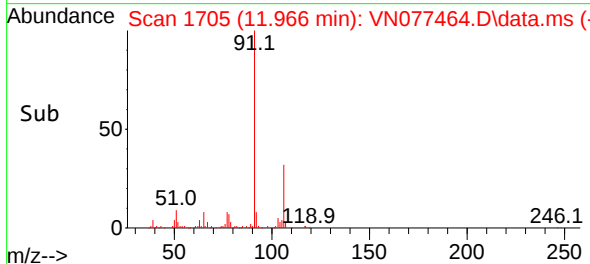
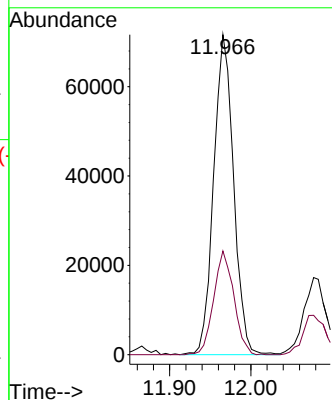
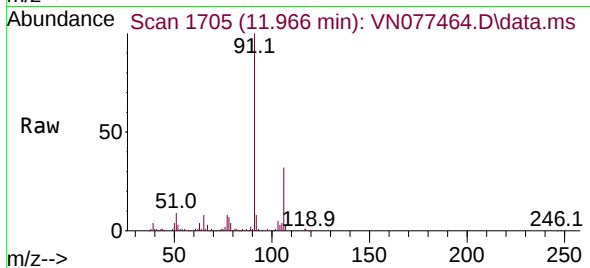
MW-5

Tgt Ion: 91 Resp: 122238

Ion Ratio Lower Upper

91 100

106 32.4 25.6 38.4



#68

m/p-Xylenes

Concen: 1.031 ug/l

RT: 12.077 min Scan# 1724

Delta R.T. 0.006 min

Lab File: VN077464.D

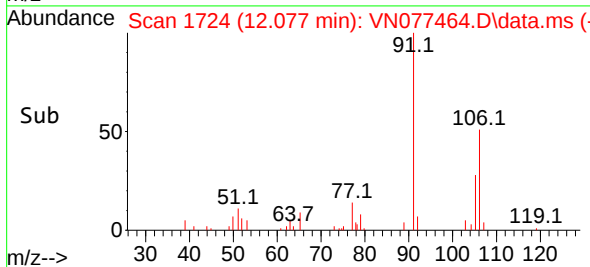
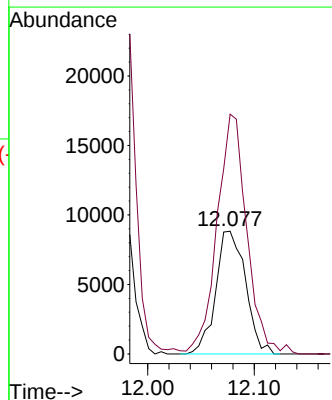
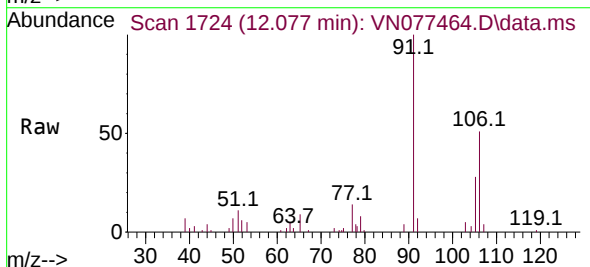
Acq: 25 Apr 2023 11:43

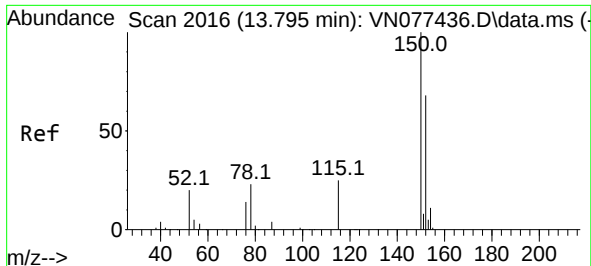
Tgt Ion: 106 Resp: 17145

Ion Ratio Lower Upper

106 100

91 195.4 159.6 239.4

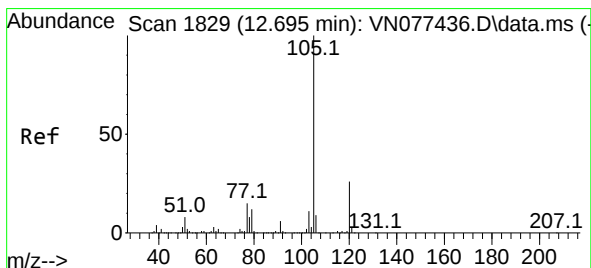
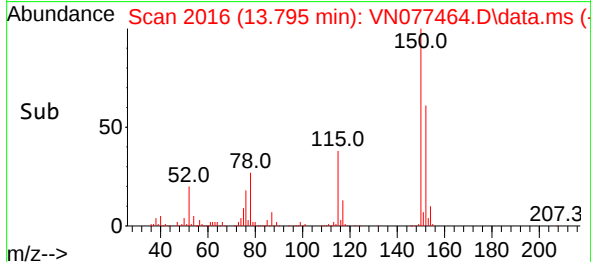
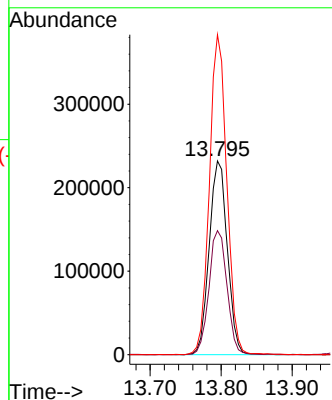
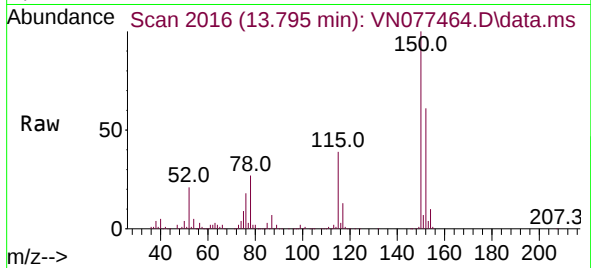




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077464.D
Acq: 25 Apr 2023 11:43

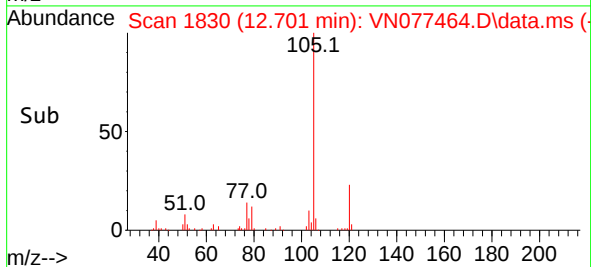
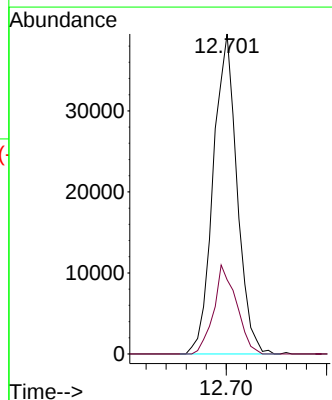
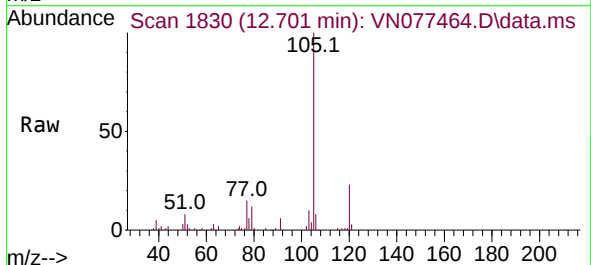
Instrument :
MSVOA_N
ClientSampleId :
MW-5

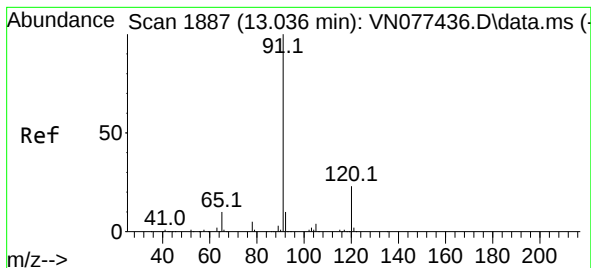
Tgt Ion:152 Resp: 411787
Ion Ratio Lower Upper
152 100
115 63.7 32.3 96.8
150 158.3 0.0 355.8



#73
Isopropylbenzene
Concen: 1.703 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077464.D
Acq: 25 Apr 2023 11:43

Tgt Ion:105 Resp: 65081
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1





#78

n-propylbenzene

Concen: 4.574 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. -0.000 min

Lab File: VN077464.D

Acq: 25 Apr 2023 11:43

Instrument :

MSVOA_N

ClientSampleId :

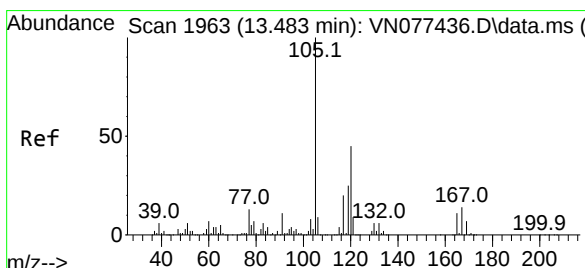
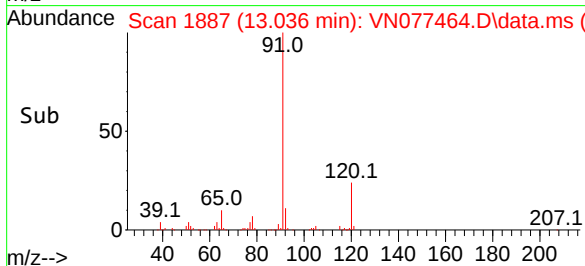
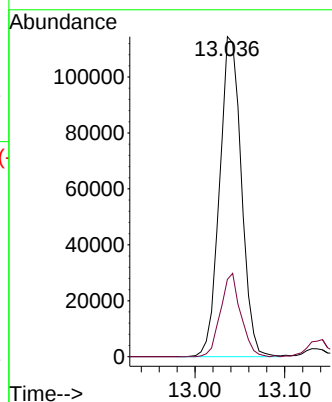
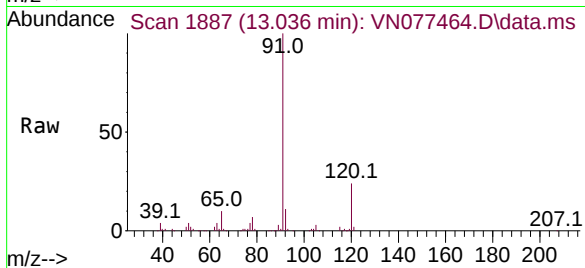
MW-5

Tgt Ion: 91 Resp: 193265

Ion Ratio Lower Upper

91 100

120 24.1 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 1.647 ug/l

RT: 13.489 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VN077464.D

Acq: 25 Apr 2023 11:43

Tgt Ion: 105 Resp: 43649

Ion Ratio Lower Upper

105 100

120 46.1 22.0 66.0

