

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
 Data File : VN077457.D
 Acq On : 25 Apr 2023 08:54
 Operator : JC\MD
 Sample : 02464-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-92

Quant Time: Apr 25 09:29:11 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)

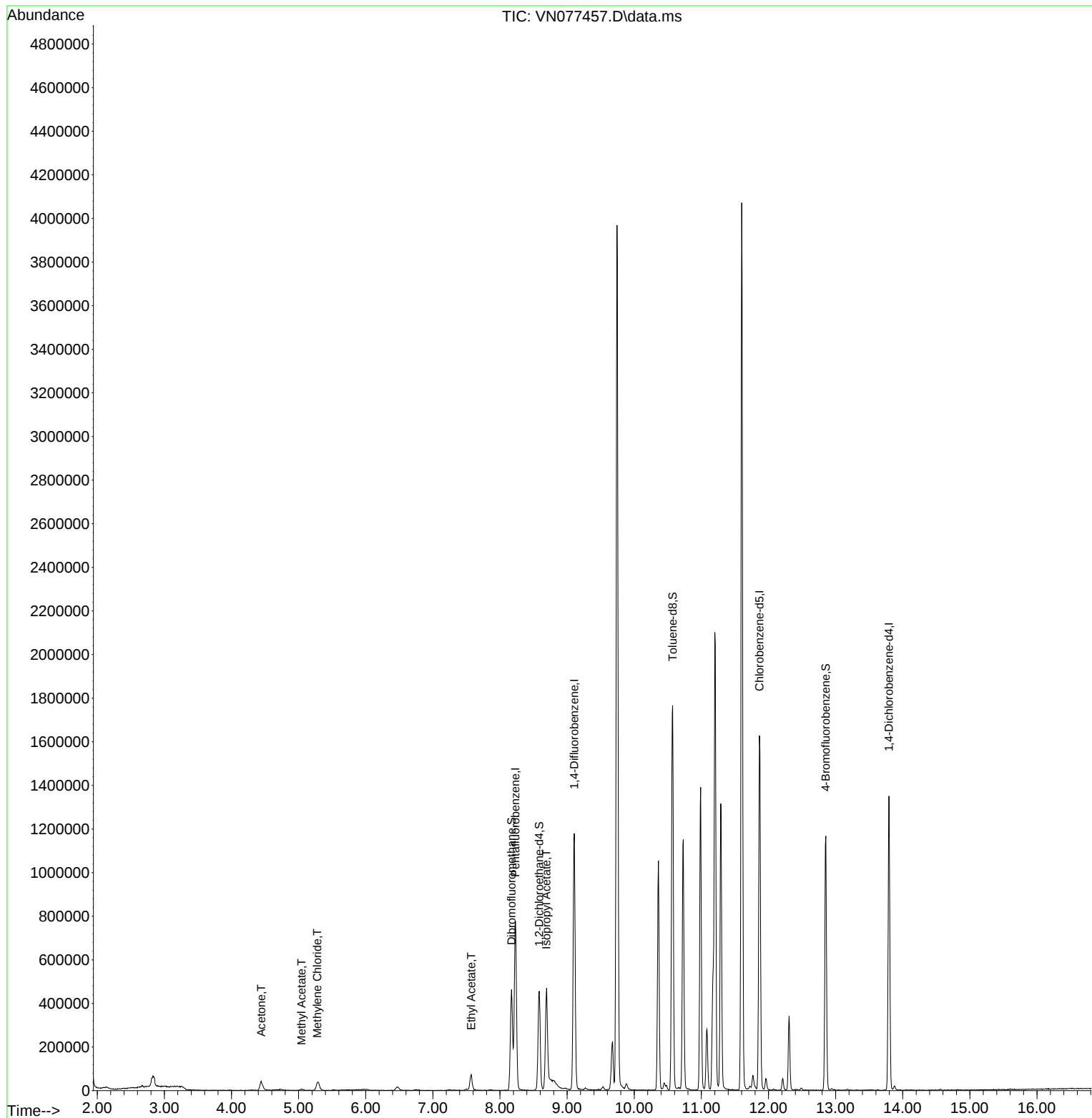
Internal Standards						
1) Pentafluorobenzene	8.231	168	567050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1079008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1003449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	358232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	372410	50.330	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.660%	
35) Dibromofluoromethane	8.172	113	326834	50.396	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.800%	
50) Toluene-d8	10.572	98	1324741	53.298	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.600%	
62) 4-Bromofluorobenzene	12.854	95	418730	51.491	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.980%	
Target Compounds						
						Qvalue
16) Acetone	4.443	43	73933	31.407	ug/l	89
18) Methyl Acetate	5.043	43	10757	1.183	ug/l #	83
20) Methylene Chloride	5.278	84	34829	4.665	ug/l #	84
37) Ethyl Acetate	7.572	43	93699	13.161	ug/l	95
43) Isopropyl Acetate	8.689	43	551145	44.747	ug/l #	84

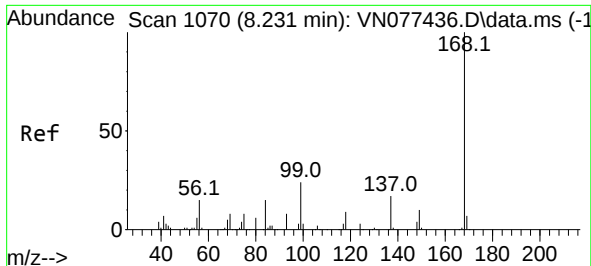
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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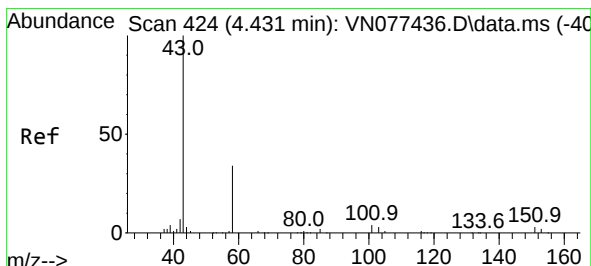
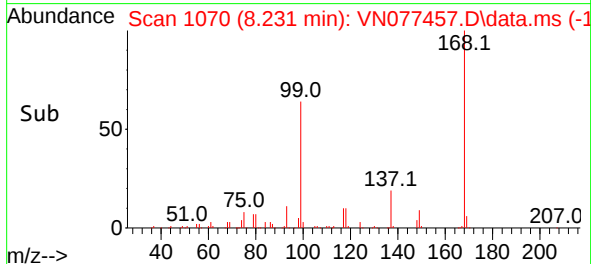
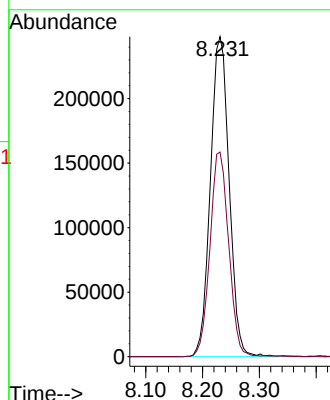
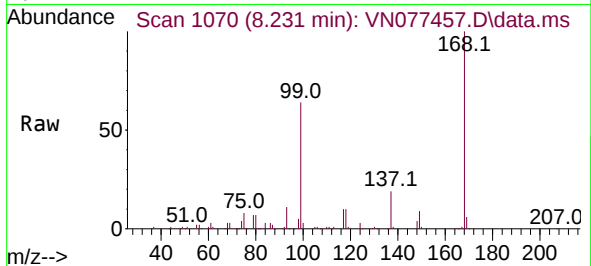




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077457.D
Acq: 25 Apr 2023 08:54

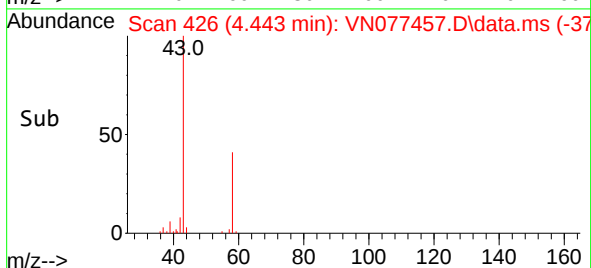
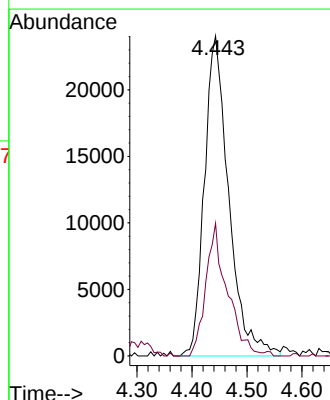
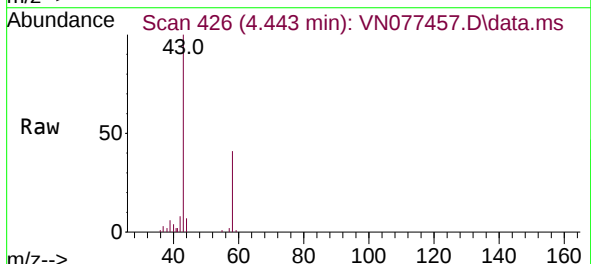
Instrument :
MSVOA_N
ClientSampleId :
MH-92

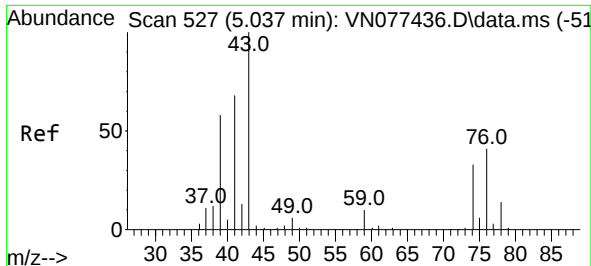
Tgt Ion:168 Resp: 567050
Ion Ratio Lower Upper
168 100
99 63.9 53.0 79.6



#16
Acetone
Concen: 31.407 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN077457.D
Acq: 25 Apr 2023 08:54

Tgt Ion: 43 Resp: 73933
Ion Ratio Lower Upper
43 100
58 41.5 28.0 42.0

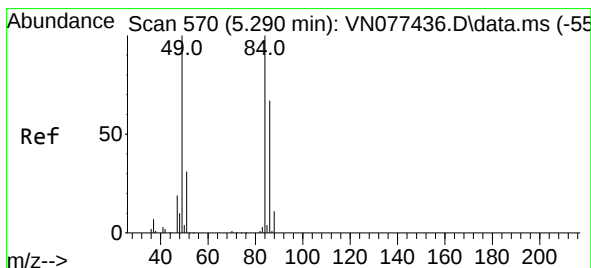
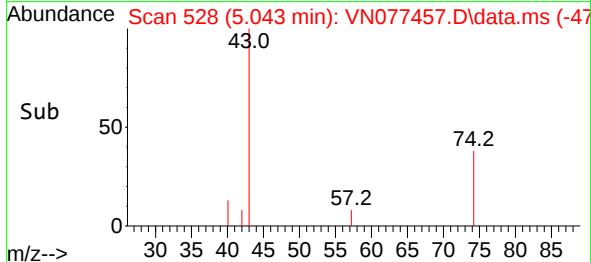
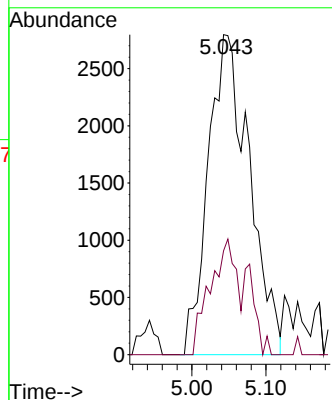
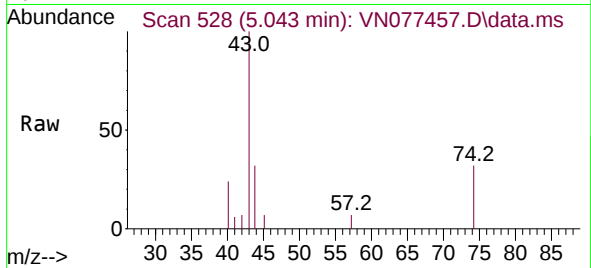




#18
Methyl Acetate
Concen: 1.183 ug/l
RT: 5.043 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN077457.D
Acq: 25 Apr 2023 08:54

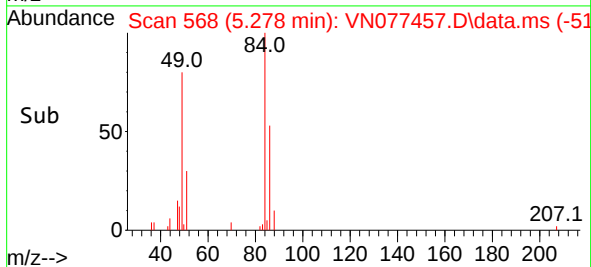
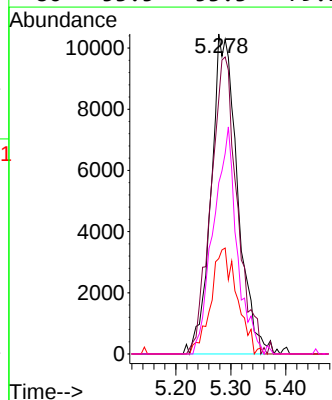
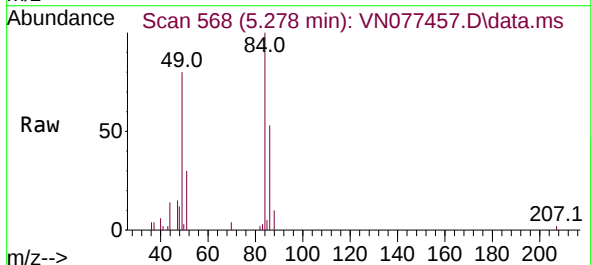
Instrument :
MSVOA_N
ClientSampleId :
MH-92

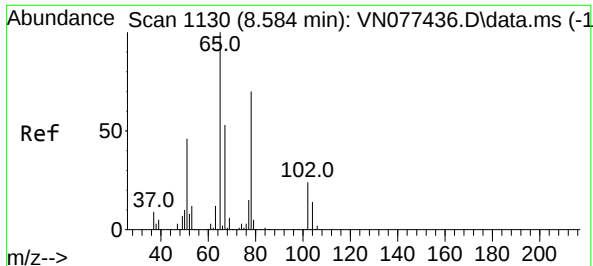
Tgt Ion: 43 Resp: 10757
Ion Ratio Lower Upper
43 100
74 23.3 26.2 39.4#



#20
Methylene Chloride
Concen: 4.665 ug/l
RT: 5.278 min Scan# 568
Delta R.T. -0.012 min
Lab File: VN077457.D
Acq: 25 Apr 2023 08:54

Tgt Ion: 84 Resp: 34829
Ion Ratio Lower Upper
84 100
49 79.6 79.7 119.5#
51 29.8 25.2 37.8
86 53.5 53.3 79.9





#33

1,2-Dichloroethane-d4

Concen: 50.330 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077457.D

Acq: 25 Apr 2023 08:54

Instrument :

MSVOA_N

ClientSampleId :

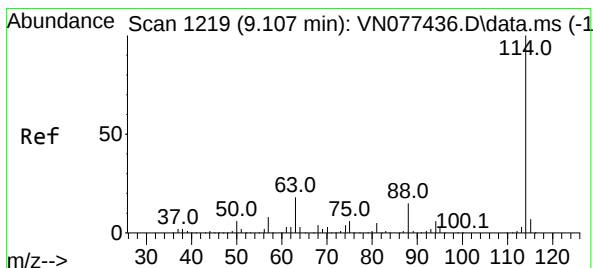
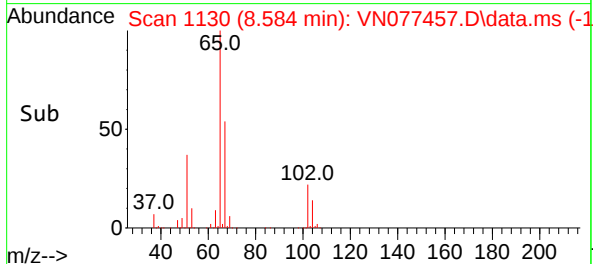
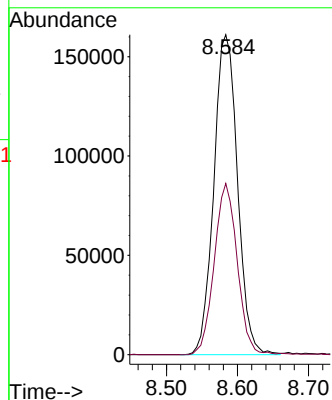
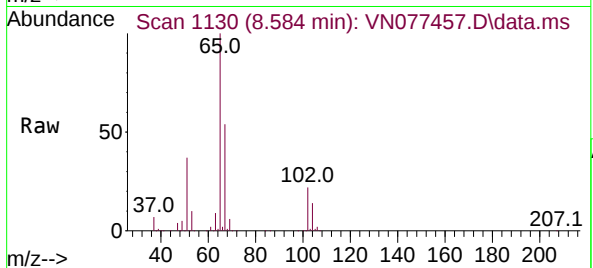
MH-92

Tgt Ion: 65 Resp: 372410

Ion Ratio Lower Upper

65 100

67 51.9 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077457.D

Acq: 25 Apr 2023 08:54

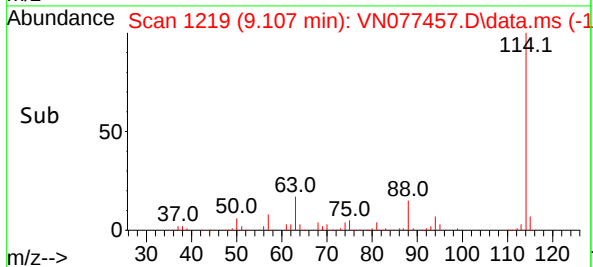
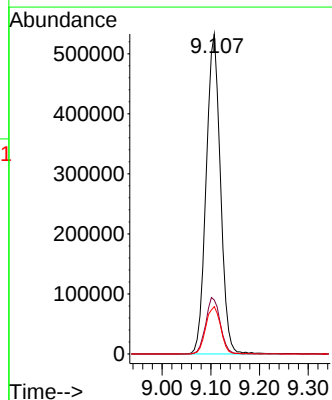
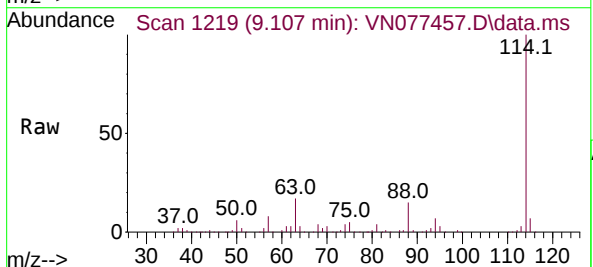
Tgt Ion: 114 Resp: 1079008

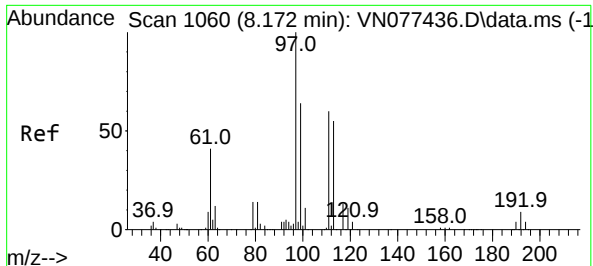
Ion Ratio Lower Upper

114 100

63 16.8 0.0 36.4

88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.396 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077457.D

Acq: 25 Apr 2023 08:54

Instrument :

MSVOA_N

ClientSampleId :

MH-92

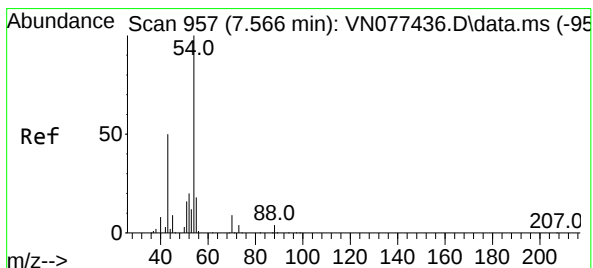
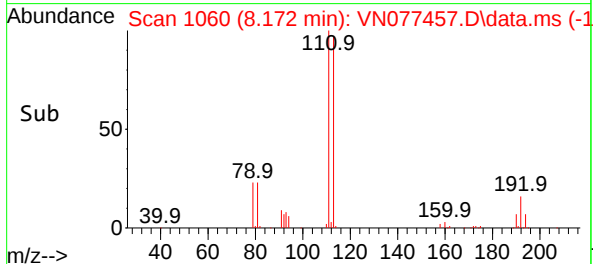
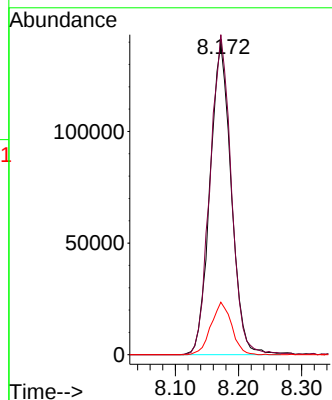
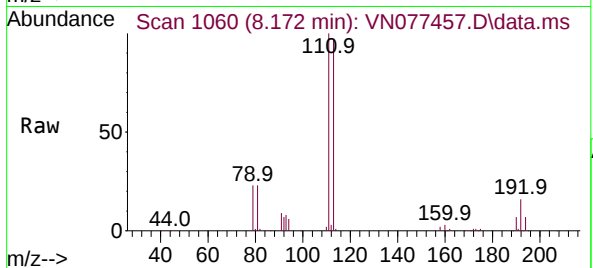
Tgt Ion:113 Resp: 326834

Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

192 16.3 12.7 19.1



#37

Ethyl Acetate

Concen: 13.161 ug/l

RT: 7.572 min Scan# 958

Delta R.T. 0.006 min

Lab File: VN077457.D

Acq: 25 Apr 2023 08:54

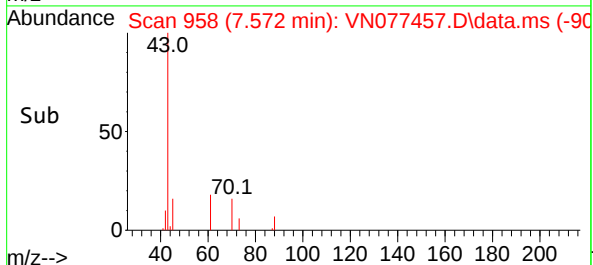
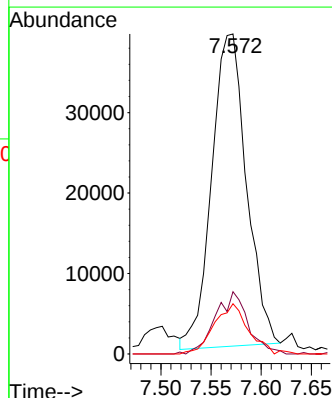
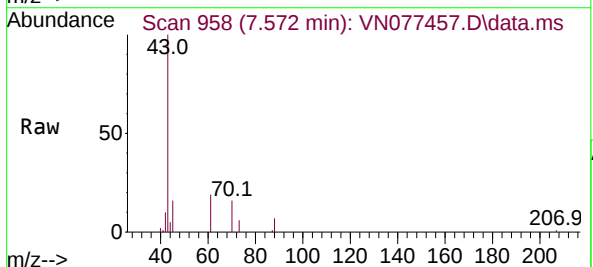
Tgt Ion: 43 Resp: 93699

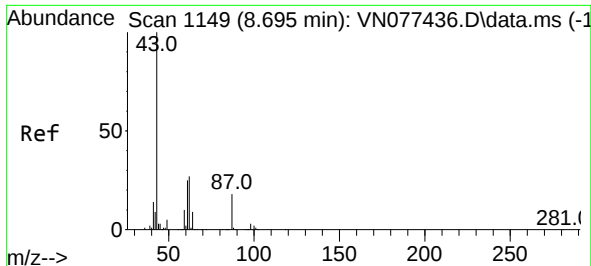
Ion Ratio Lower Upper

43 100

61 18.7 13.2 19.8

70 15.9 11.3 16.9





#43

Isopropyl Acetate

Concen: 44.747 ug/l

RT: 8.689 min Scan# 1148

Delta R.T. -0.006 min

Lab File: VN077457.D

Acq: 25 Apr 2023 08:54

Instrument :

MSVOA_N

ClientSampleId :

MH-92

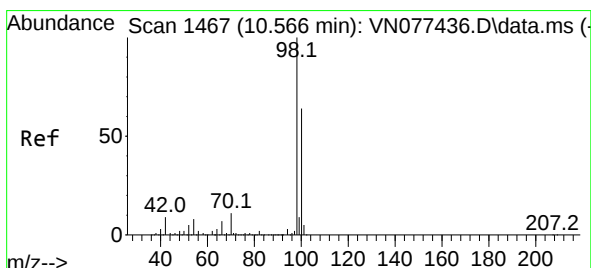
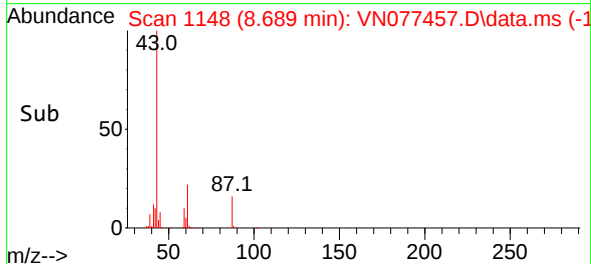
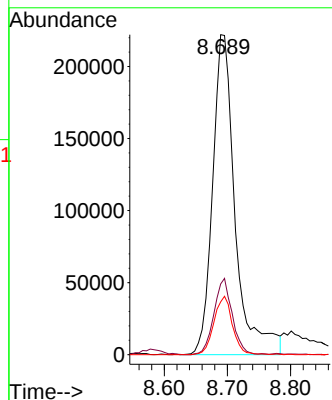
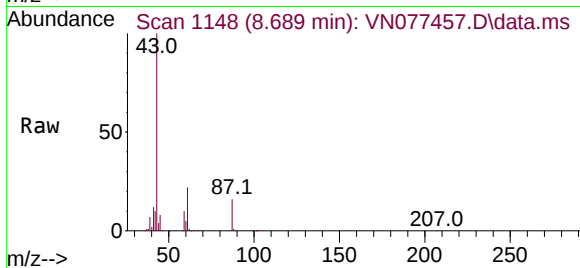
Tgt Ion: 43 Resp: 551145

Ion Ratio Lower Upper

43 100

61 19.4 24.7 37.1#

87 14.9 14.6 21.8



#50

Toluene-d8

Concen: 53.298 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN077457.D

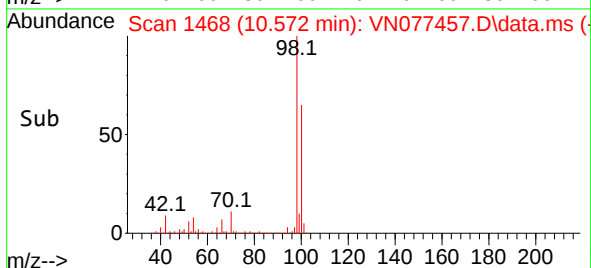
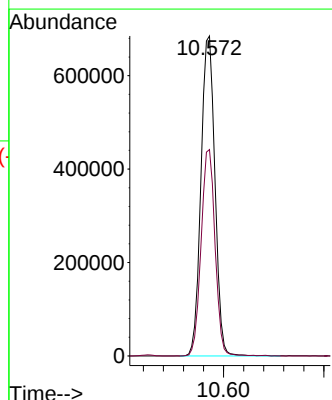
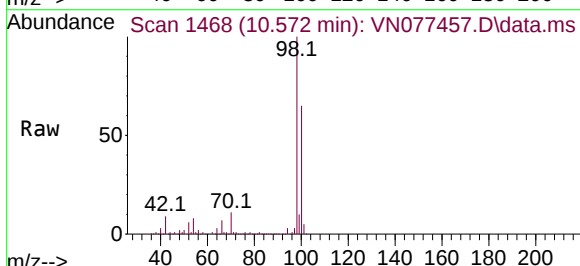
Acq: 25 Apr 2023 08:54

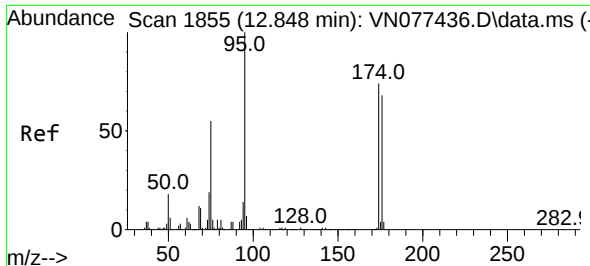
Tgt Ion: 98 Resp: 1324741

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0

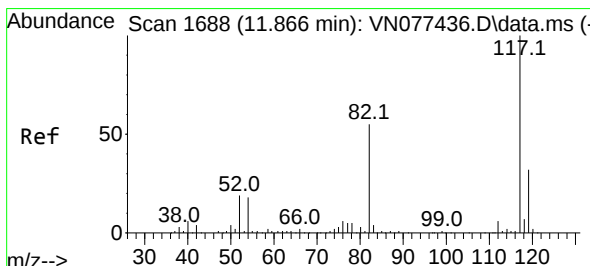
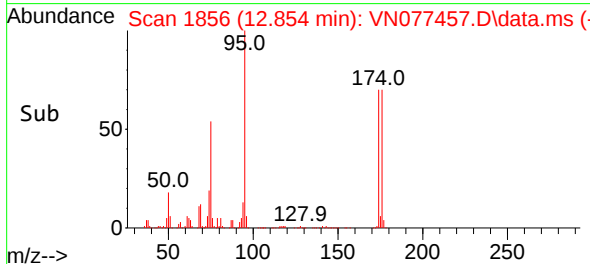
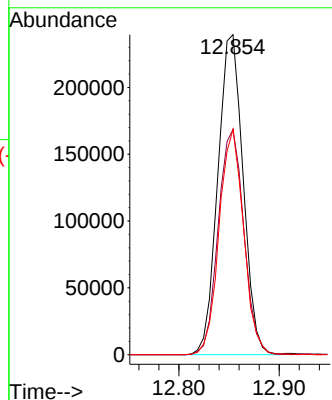
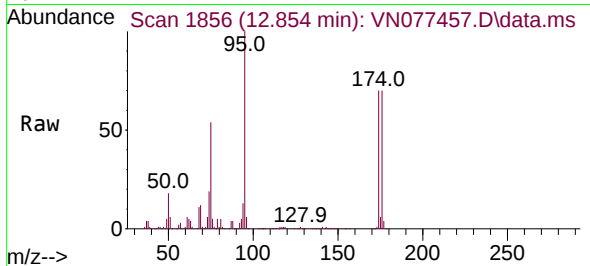




#62
4-Bromofluorobenzene
Concen: 51.491 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN077457.D
Acq: 25 Apr 2023 08:54

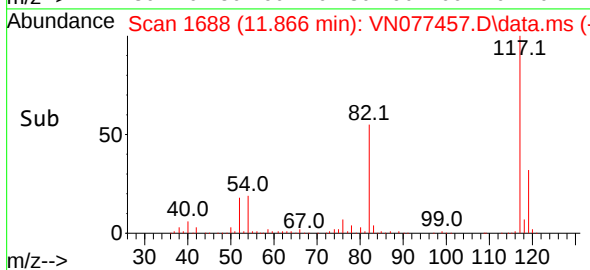
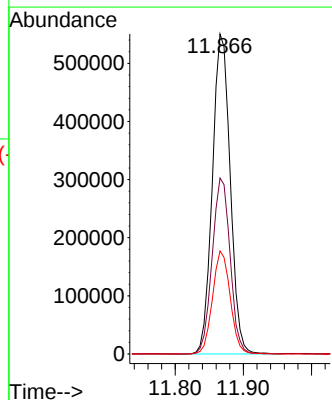
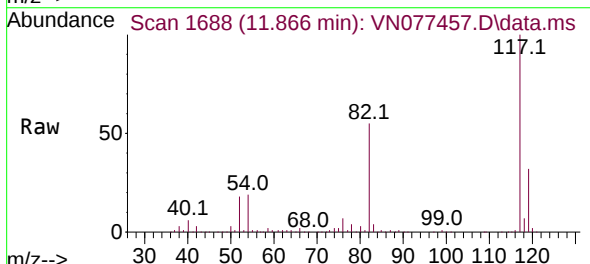
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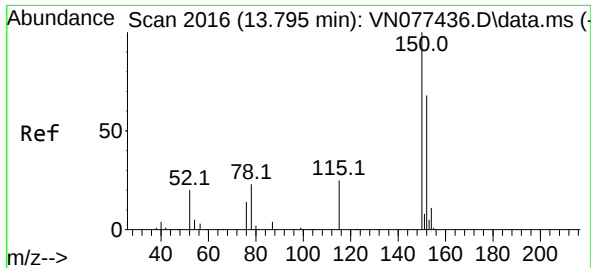
Tgt Ion: 95 Resp: 418730
Ion Ratio Lower Upper
95 100
174 71.3 0.0 143.8
176 68.1 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077457.D
Acq: 25 Apr 2023 08:54

Tgt Ion: 117 Resp: 1003449
Ion Ratio Lower Upper
117 100
82 55.0 44.0 66.0
119 32.2 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN077457.D

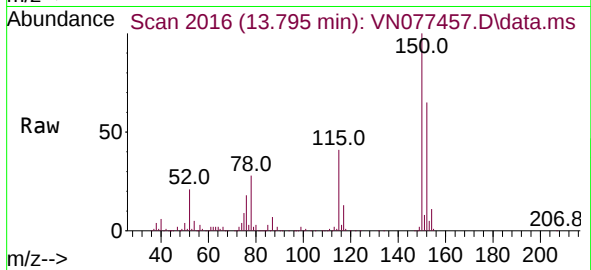
Acq: 25 Apr 2023 08:54

Instrument :

MSVOA_N

ClientSampleId :

MH-92



Tgt Ion:152 Resp: 358232

Ion Ratio Lower Upper

152 100

115 65.0 32.3 96.8

150 160.2 0.0 355.8

