

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
 Data File : VN077456.D
 Acq On : 25 Apr 2023 08:30
 Operator : JC\MD
 Sample : 02464-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-91

Quant Time: Apr 25 09:12:49 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)

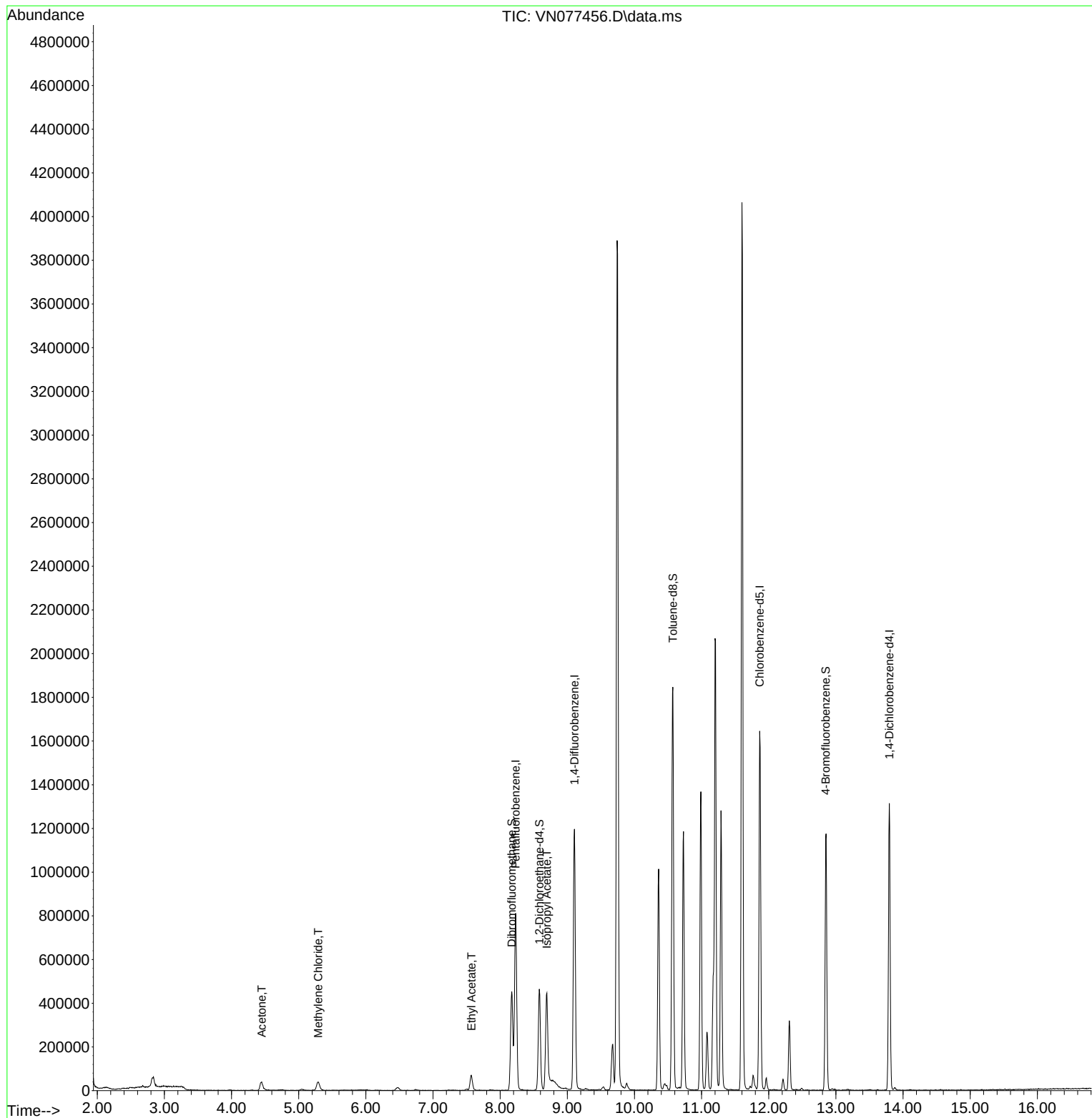
Internal Standards						
1) Pentafluorobenzene	8.230	168	588899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1110390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1015776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	362734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	377512	49.127	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.260%
35) Dibromofluoromethane	8.172	113	332382	49.803	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.600%
50) Toluene-d8	10.572	98	1361174	53.216	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.440%
62) 4-Bromofluorobenzene	12.848	95	435640	52.056	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.120%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	73404	30.025	ug/l	97
20) Methylene Chloride	5.290	84	35503	4.579	ug/l	94
37) Ethyl Acetate	7.572	43	97701	13.335	ug/l	97
43) Isopropyl Acetate	8.695	43	518473	40.904	ug/l #	85

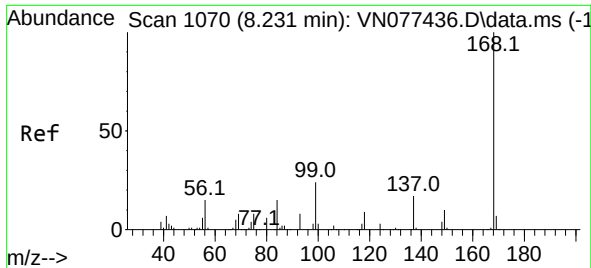
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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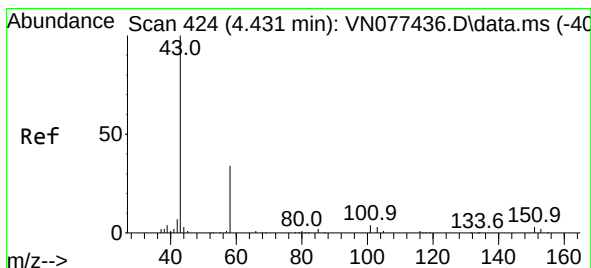
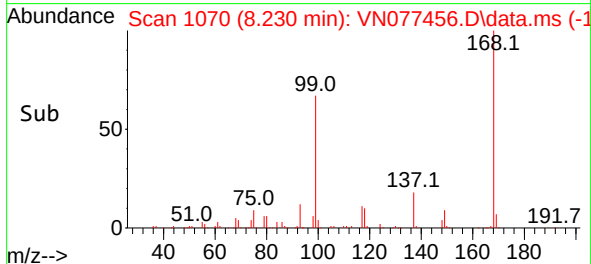
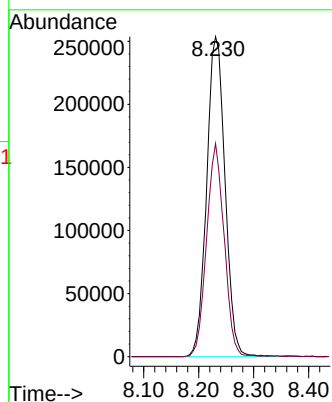
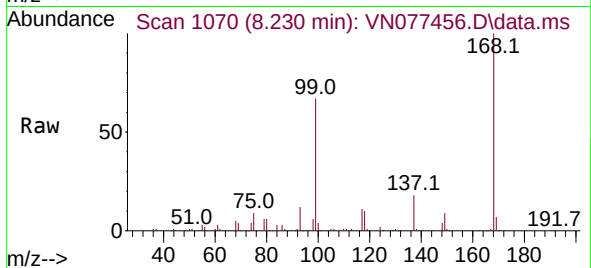




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077456.D
Acq: 25 Apr 2023 08:30

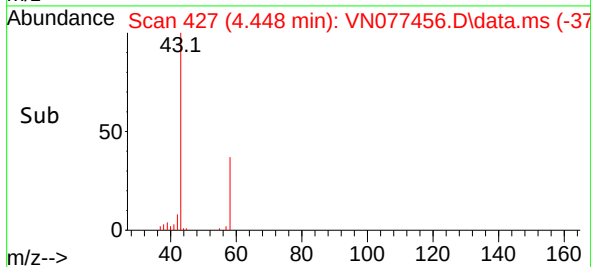
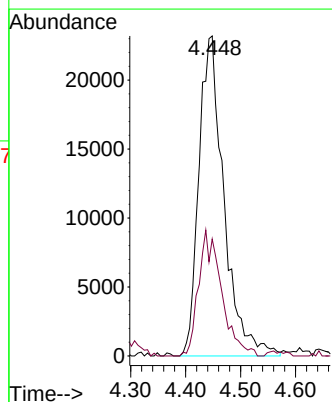
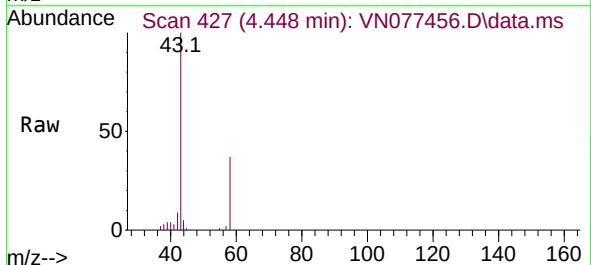
Instrument :
MSVOA_N
ClientSampleId :
MH-91

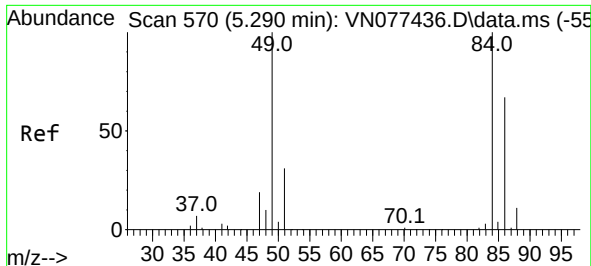
Tgt Ion:168 Resp: 588899
Ion Ratio Lower Upper
168 100
99 66.6 53.0 79.6



#16
Acetone
Concen: 30.025 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.017 min
Lab File: VN077456.D
Acq: 25 Apr 2023 08:30

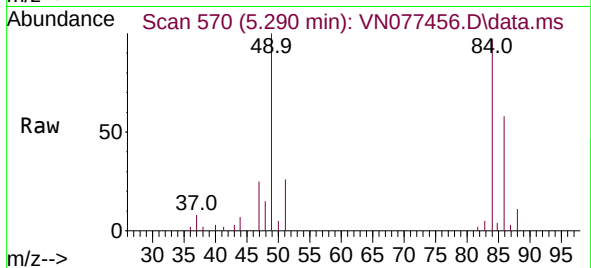
Tgt Ion: 43 Resp: 73404
Ion Ratio Lower Upper
43 100
58 36.6 28.0 42.0



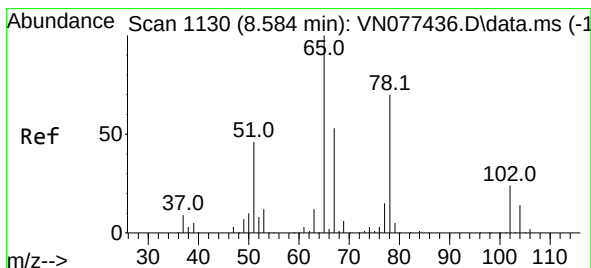
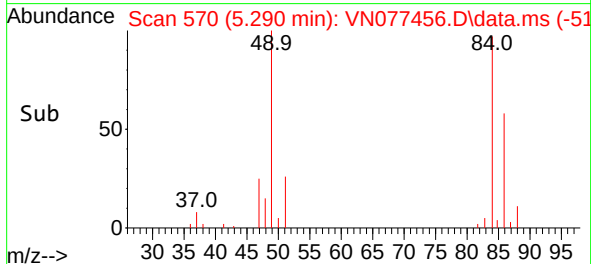
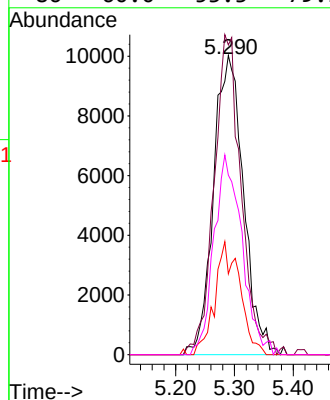


#20
Methylene Chloride
Concen: 4.579 ug/l
RT: 5.290 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077456.D
Acq: 25 Apr 2023 08:30

Instrument :
MSVOA_N
ClientSampleId :
MH-91

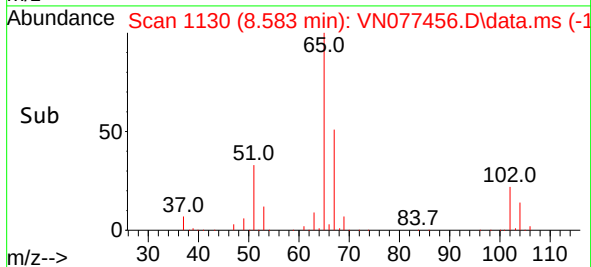
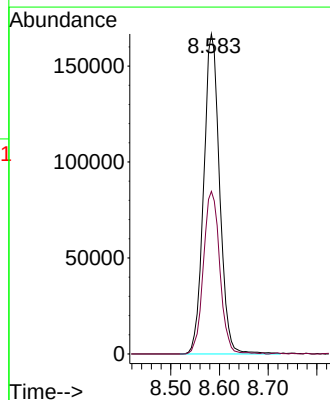
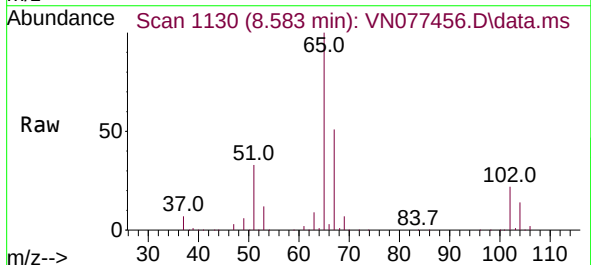


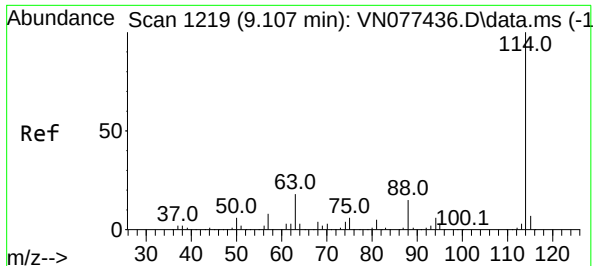
Tgt Ion:	84	Resp:	35503
Ion	Ratio	Lower	Upper
84	100		
49	103.5	79.7	119.5
51	27.0	25.2	37.8
86	60.0	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 49.127 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077456.D
Acq: 25 Apr 2023 08:30

Tgt Ion:	65	Resp:	377512
Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1110390

Delta R.T. -0.000 min

Lab File: VN077456.D

Acq: 25 Apr 2023 08:30

Instrument :

MSVOA_N

ClientSampleId :

MH-91

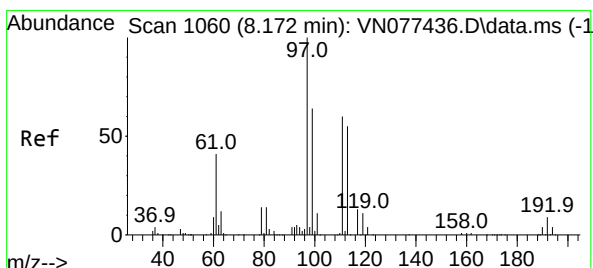
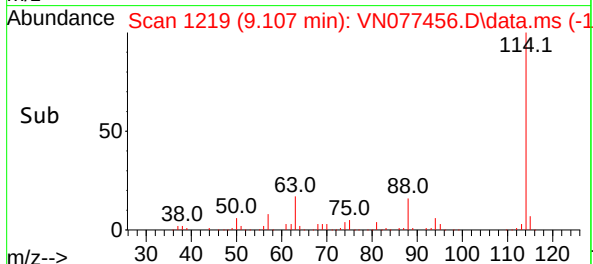
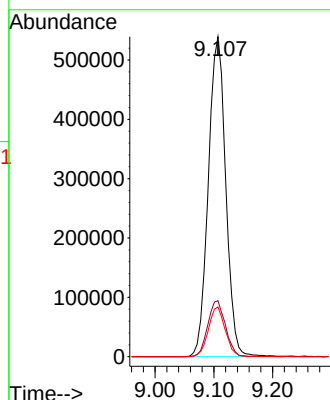
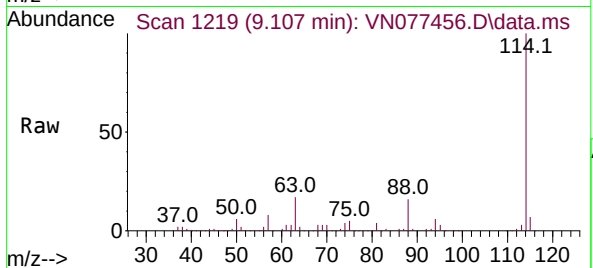
Tgt Ion:114 Resp: 1110390

Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.803 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077456.D

Acq: 25 Apr 2023 08:30

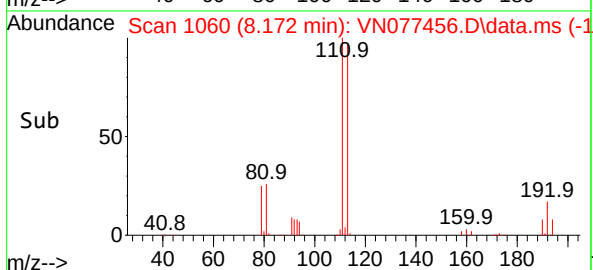
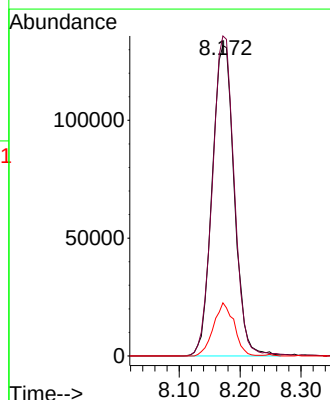
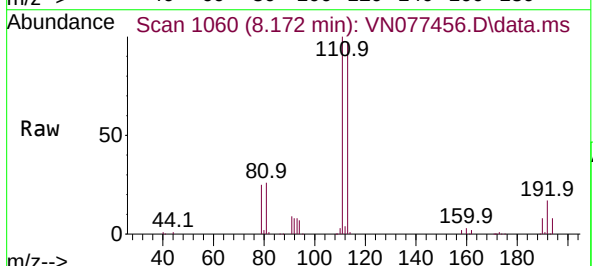
Tgt Ion:113 Resp: 332382

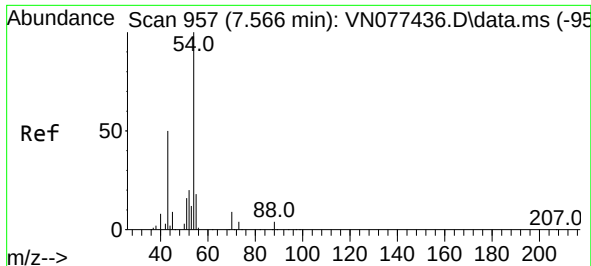
Ion Ratio Lower Upper

113 100

111 101.6 82.6 123.8

192 16.0 12.7 19.1

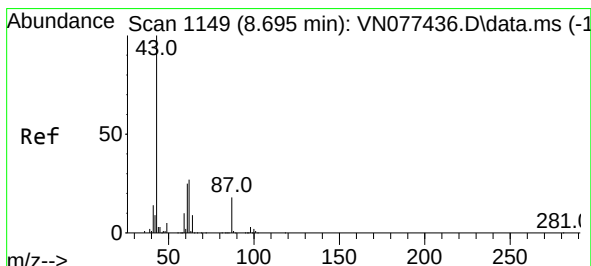
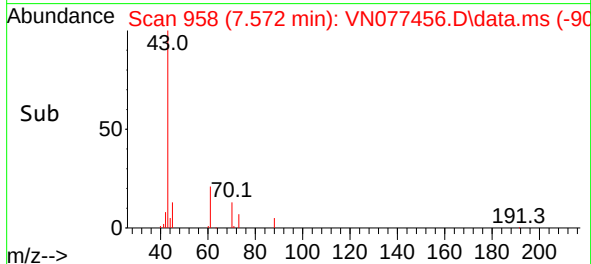
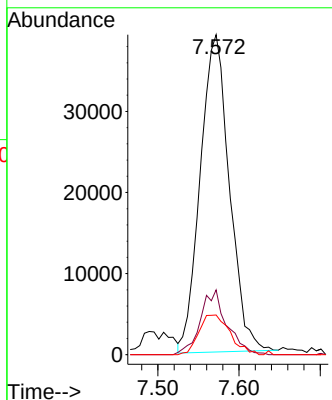
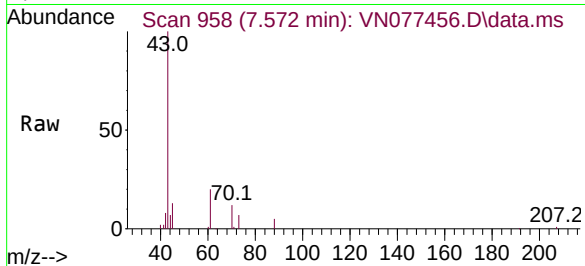




#37
Ethyl Acetate
Concen: 13.335 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077456.D
Acq: 25 Apr 2023 08:30

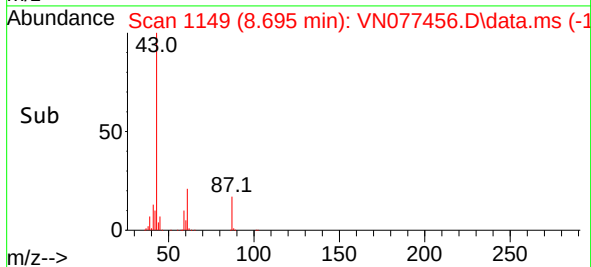
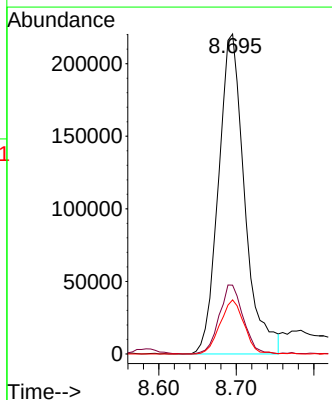
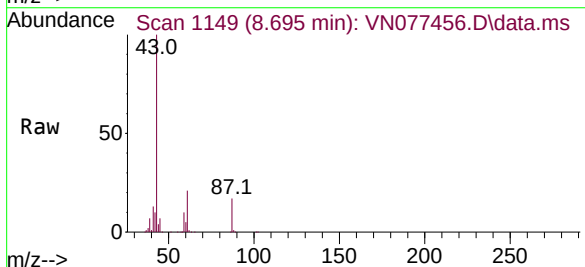
Instrument :
MSVOA_N
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MH-91

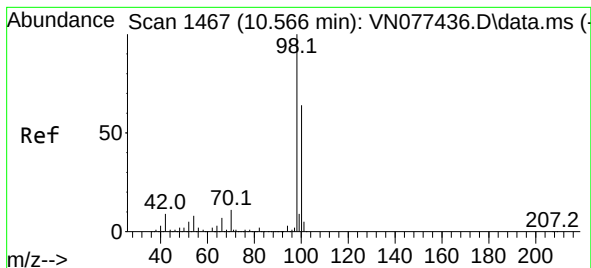
Tgt Ion: 43 Resp: 97701
Ion Ratio Lower Upper
43 100
61 18.6 13.2 19.8
70 13.4 11.3 16.9



#43
Isopropyl Acetate
Concen: 40.904 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077456.D
Acq: 25 Apr 2023 08:30

Tgt Ion: 43 Resp: 518473
Ion Ratio Lower Upper
43 100
61 19.7 24.7 37.1#
87 15.5 14.6 21.8





#50

Toluene-d8

Concen: 53.216 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN077456.D

Acq: 25 Apr 2023 08:30

Instrument :

MSVOA_N

ClientSampleId :

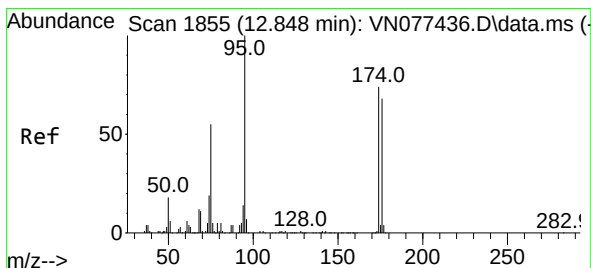
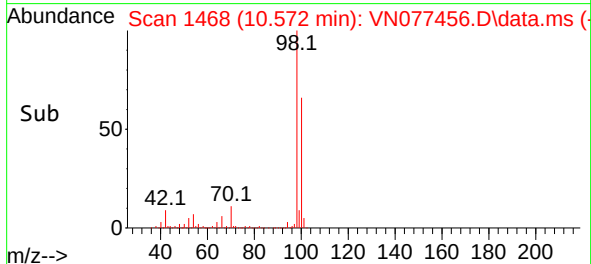
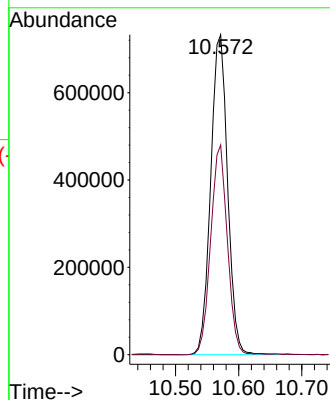
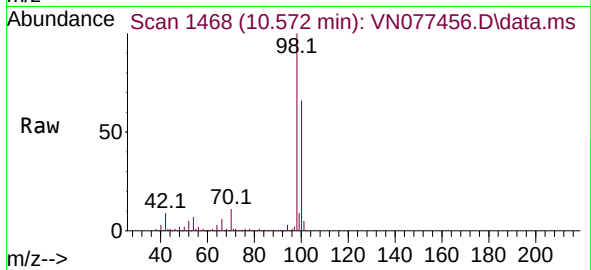
MH-91

Tgt Ion: 98 Resp: 1361174

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 52.056 ug/l

RT: 12.848 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VN077456.D

Acq: 25 Apr 2023 08:30

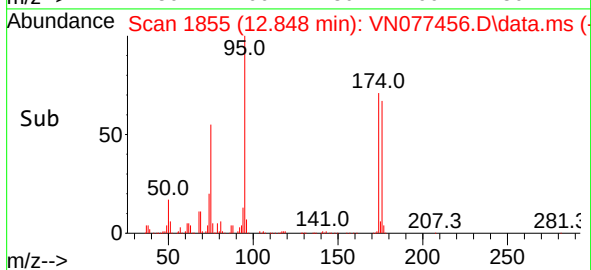
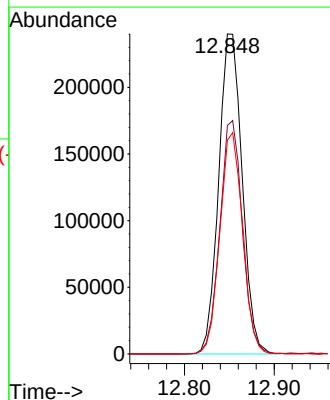
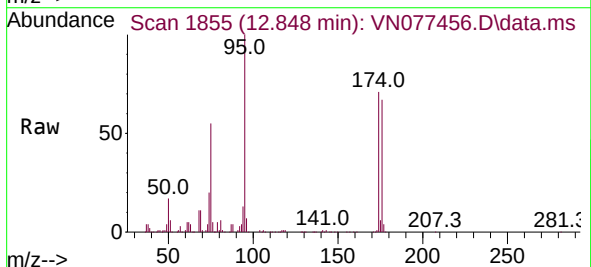
Tgt Ion: 95 Resp: 435640

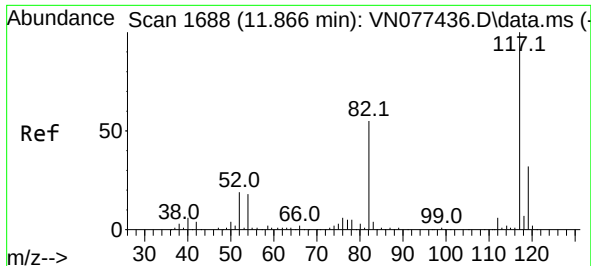
Ion Ratio Lower Upper

95 100

174 70.2 0.0 143.8

176 67.2 0.0 135.8

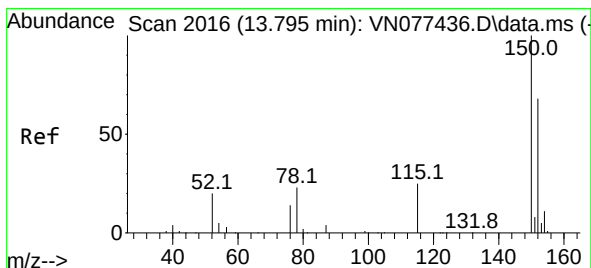
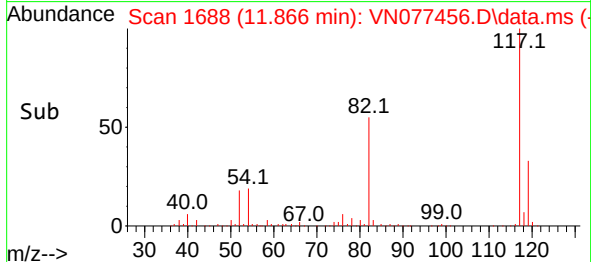
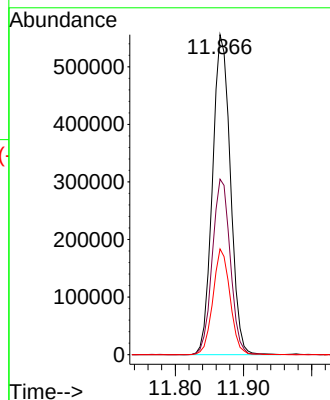
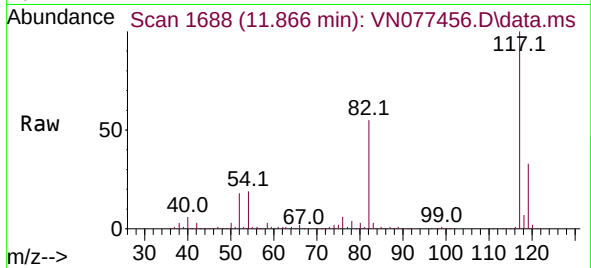




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077456.D
Acq: 25 Apr 2023 08:30

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Tgt Ion:117 Resp: 1015776
Ion Ratio Lower Upper
117 100
82 54.8 44.0 66.0
119 33.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077456.D
Acq: 25 Apr 2023 08:30

Tgt Ion:152 Resp: 362734
Ion Ratio Lower Upper
152 100
115 63.5 32.3 96.8
150 158.9 0.0 355.8

