

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110923\
 Data File : VN080030.D
 Acq On : 09 Nov 2023 18:34
 Operator : JC\MD
 Sample : 05279-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-1

Quant Time: Nov 10 00:39:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

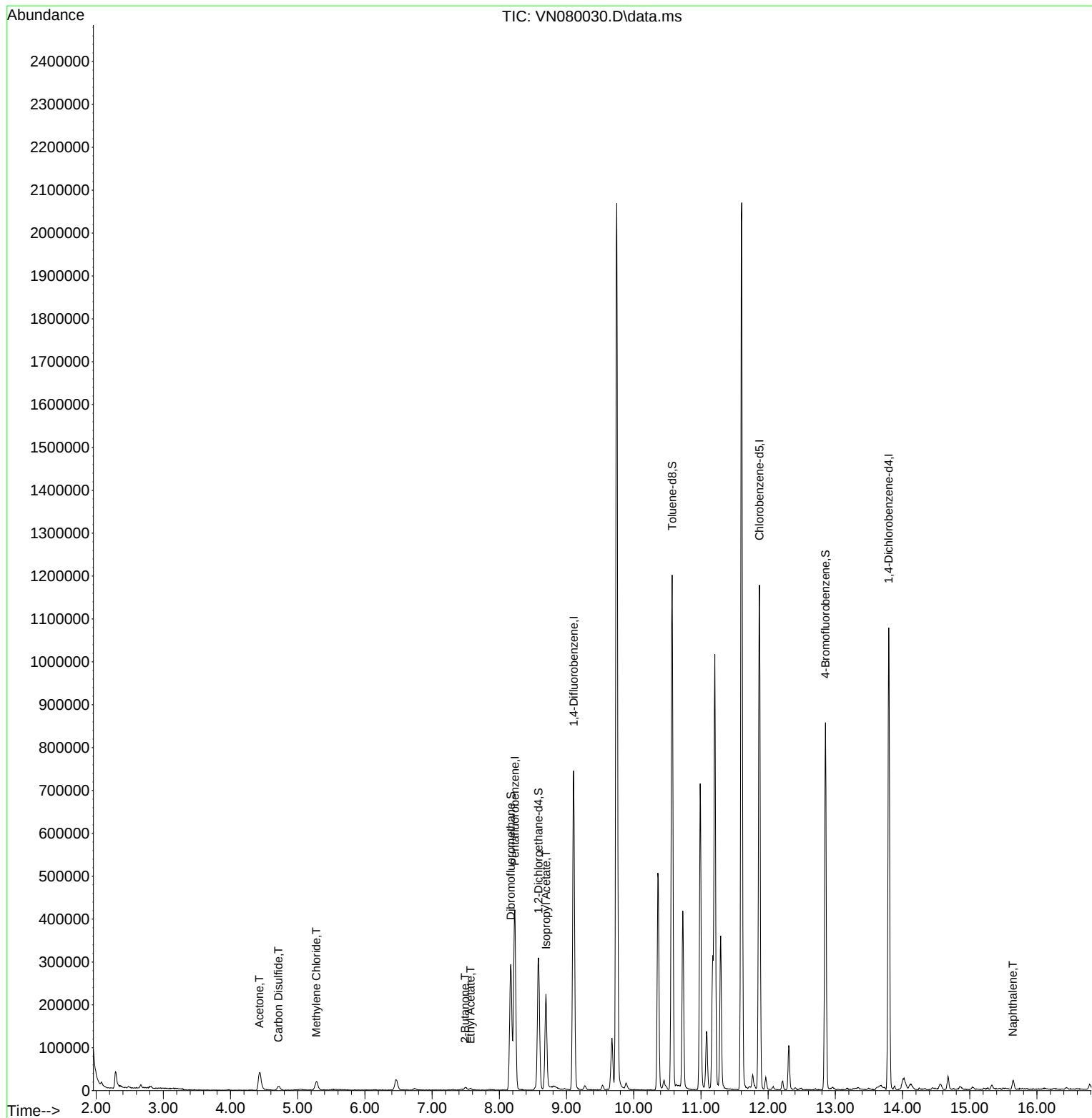
Internal Standards						
1) Pentafluorobenzene	8.230	168	296588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	614784	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	677151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	278806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	258372	57.179	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.360%
35) Dibromofluoromethane	8.171	113	214212	49.231	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.460%
50) Toluene-d8	10.571	98	817248	51.020	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.040%
62) 4-Bromofluorobenzene	12.853	95	297146	55.934	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.860%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	85062	53.592	ug/l	95
17) Carbon Disulfide	4.712	76	17700	1.922	ug/l	98
20) Methylene Chloride	5.277	84	15730	3.928	ug/l #	79
25) 2-Butanone	7.489	43	11745	5.053	ug/l #	82
37) Ethyl Acetate	7.571	43	7111	1.248	ug/l #	83
43) Isopropyl Acetate	8.694	43	242463	24.265	ug/l #	83
95) Naphthalene	15.641	128	18250	1.244	ug/l	98

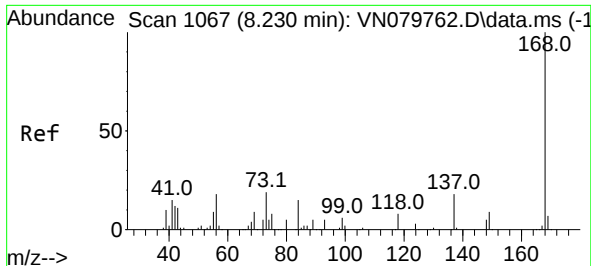
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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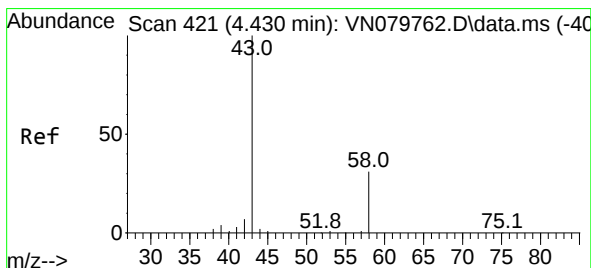
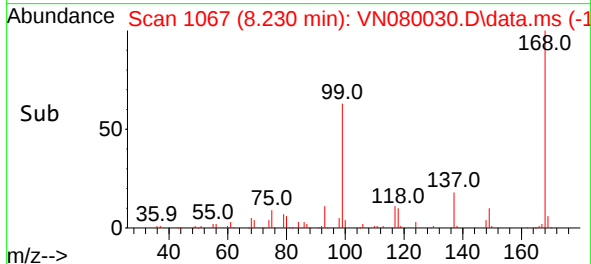
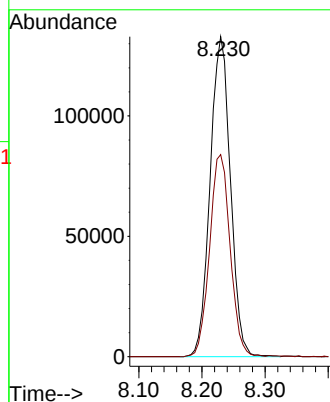
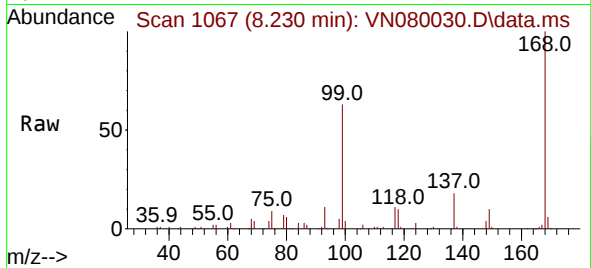




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN080030.D
Acq: 09 Nov 2023 18:34

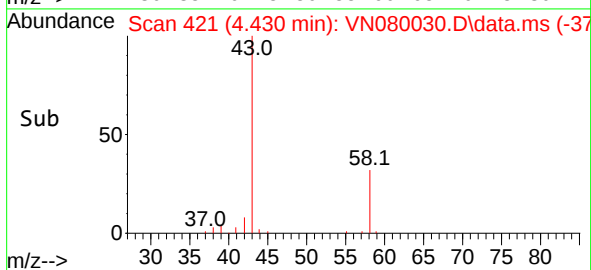
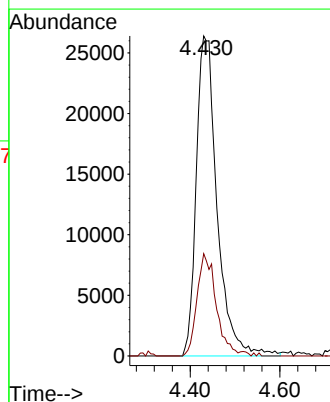
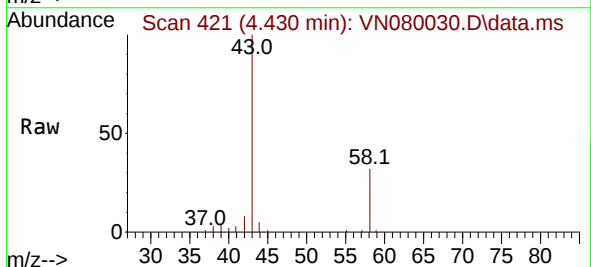
Instrument :
MSVOA_N
ClientSampleId :
MH-1

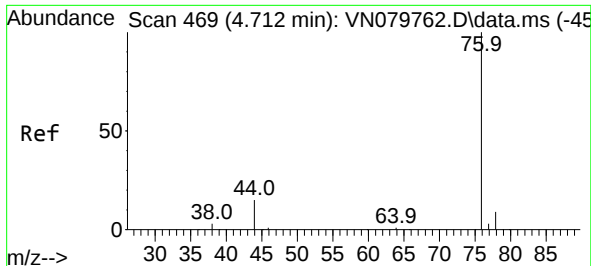
Tgt Ion:168 Resp: 296588
Ion Ratio Lower Upper
168 100
99 63.2 53.0 79.6



#16
Acetone
Concen: 53.592 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN080030.D
Acq: 09 Nov 2023 18:34

Tgt Ion: 43 Resp: 85062
Ion Ratio Lower Upper
43 100
58 32.0 28.0 42.0

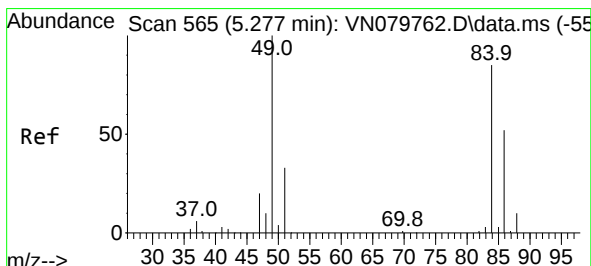
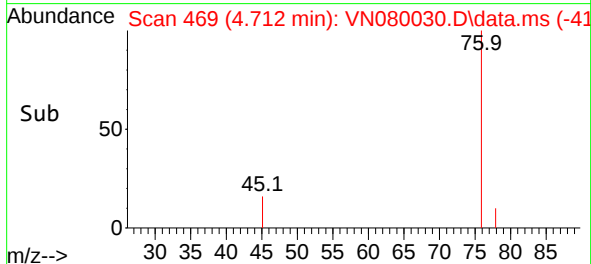
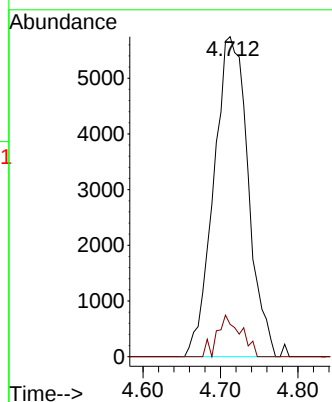
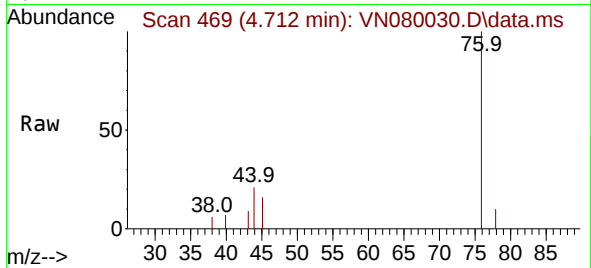




#17
Carbon Disulfide
Concen: 1.922 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080030.D
Acq: 09 Nov 2023 18:34

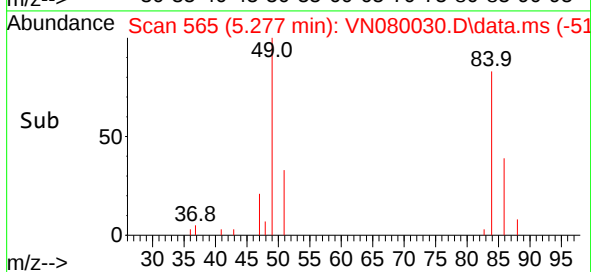
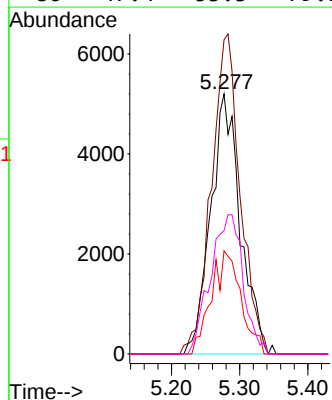
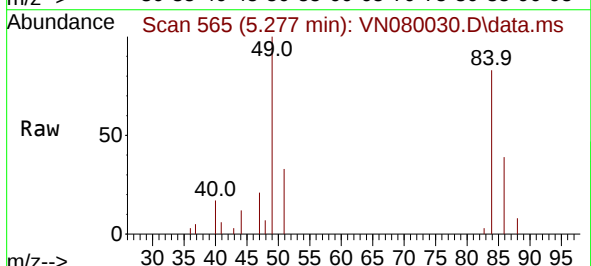
Instrument :
MSVOA_N
ClientSampleId :
MH-1

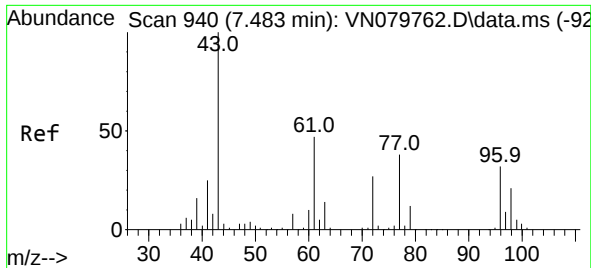
Tgt Ion: 76 Resp: 17700
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0



#20
Methylene Chloride
Concen: 3.928 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN080030.D
Acq: 09 Nov 2023 18:34

Tgt Ion: 84 Resp: 15730
Ion Ratio Lower Upper
84 100
49 120.8 79.7 119.5#
51 39.7 25.2 37.8#
86 47.4 53.3 79.9#

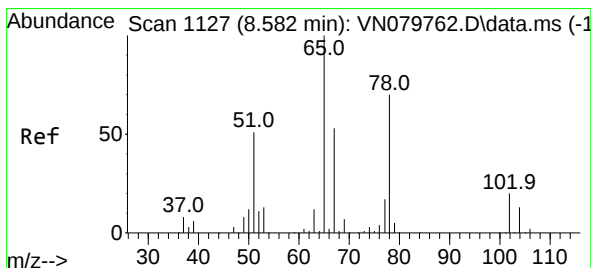
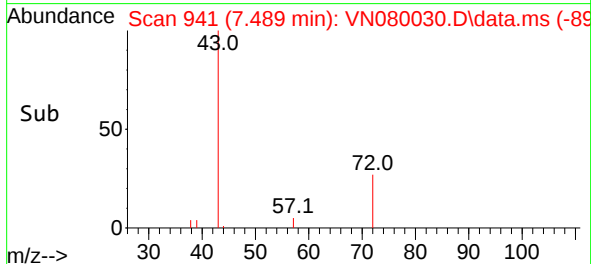
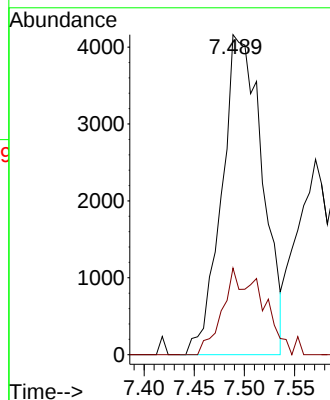
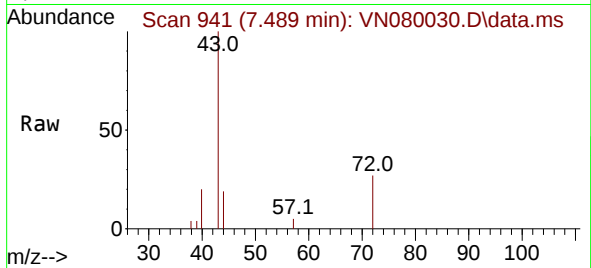




#25
2-Butanone
Concen: 5.053 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080030.D
Acq: 09 Nov 2023 18:34

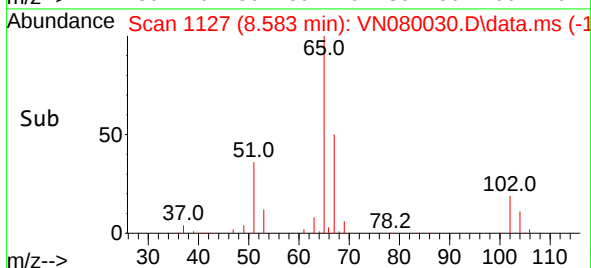
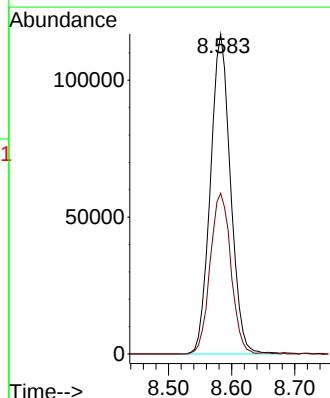
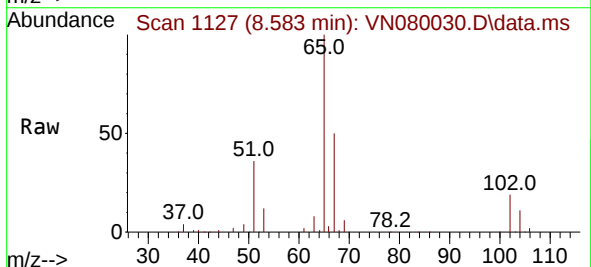
Instrument :
MSVOA_N
ClientSampleId :
MH-1

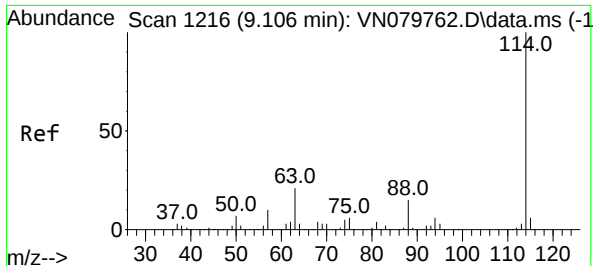
Tgt Ion: 43 Resp: 11745
Ion Ratio Lower Upper
43 100
72 27.0 30.2 45.2#



#33
1,2-Dichloroethane-d4
Concen: 57.179 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080030.D
Acq: 09 Nov 2023 18:34

Tgt Ion: 65 Resp: 258372
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080030.D

Acq: 09 Nov 2023 18:34

Instrument :

MSVOA_N

ClientSampleId :

MH-1

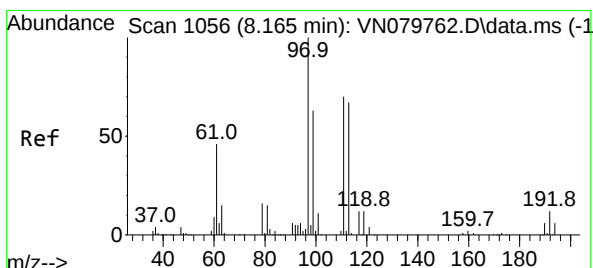
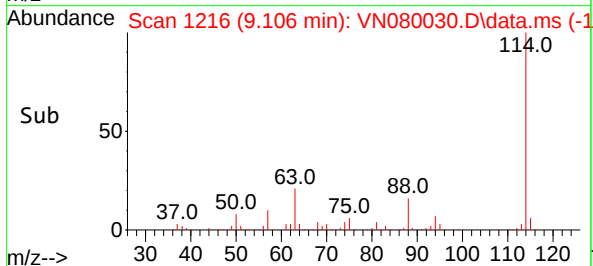
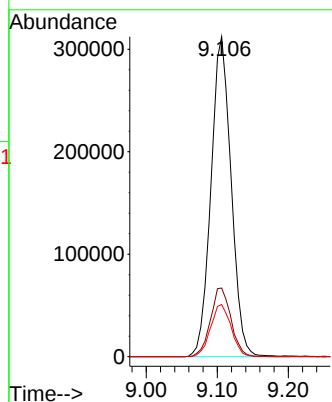
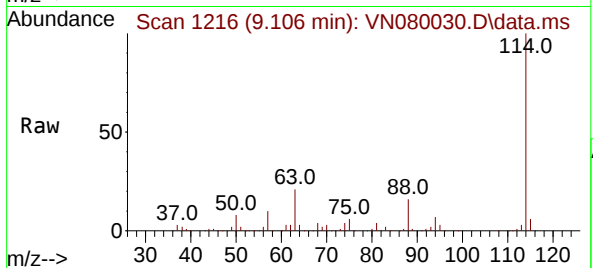
Tgt Ion:114 Resp: 614784

Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

88 16.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.231 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN080030.D

Acq: 09 Nov 2023 18:34

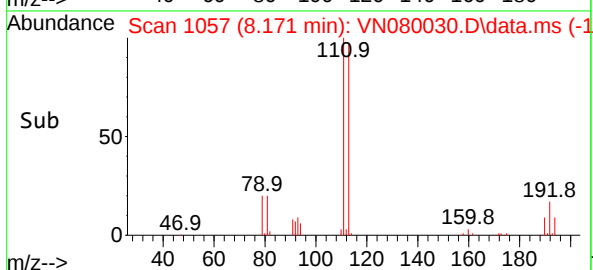
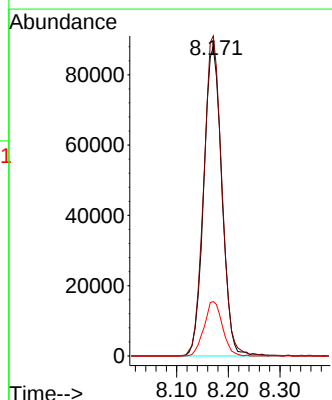
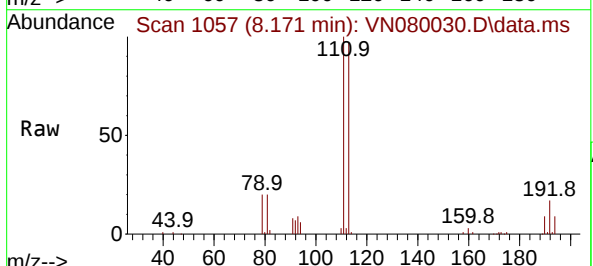
Tgt Ion:113 Resp: 214212

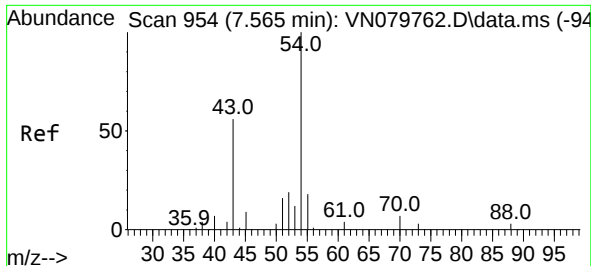
Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

192 17.8 12.7 19.1





#37

Ethyl Acetate

Concen: 1.248 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080030.D

Acq: 09 Nov 2023 18:34

Instrument :

MSVOA_N

ClientSampleId :

MH-1

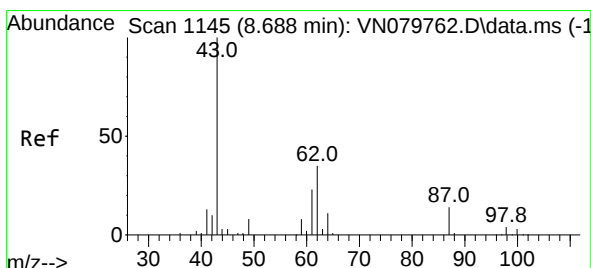
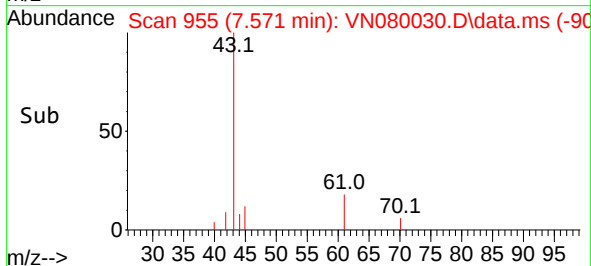
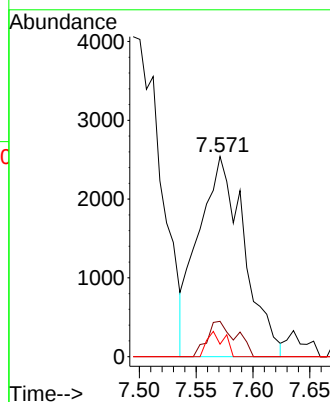
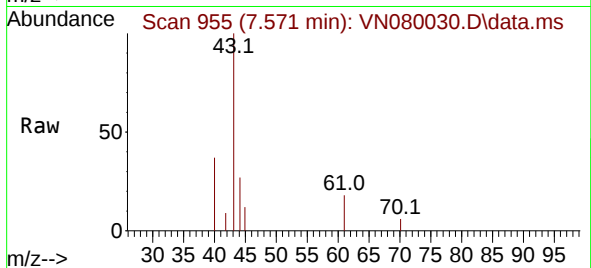
Tgt Ion: 43 Resp: 7111

Ion Ratio Lower Upper

43 100

61 11.1 13.2 19.8#

70 4.8 11.3 16.9#



#43

Isopropyl Acetate

Concen: 24.265 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN080030.D

Acq: 09 Nov 2023 18:34

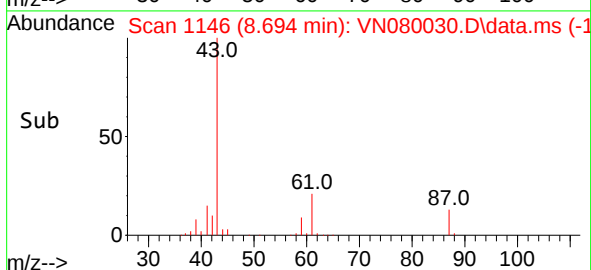
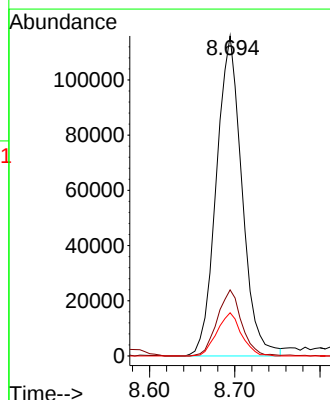
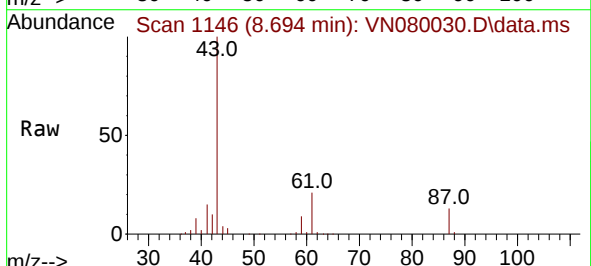
Tgt Ion: 43 Resp: 242463

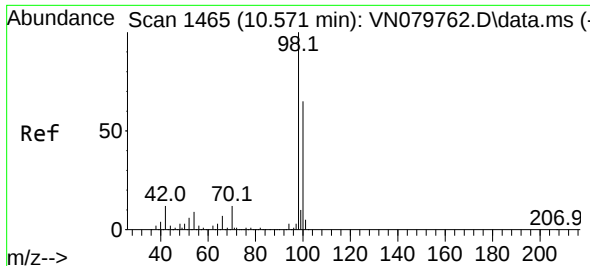
Ion Ratio Lower Upper

43 100

61 19.6 24.7 37.1#

87 12.8 14.6 21.8#

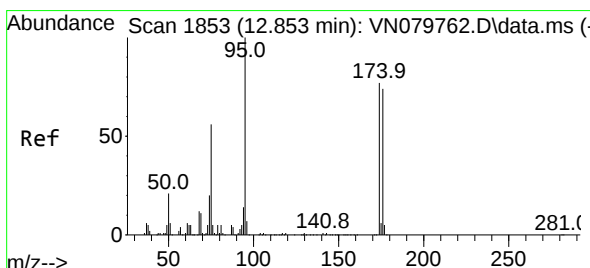
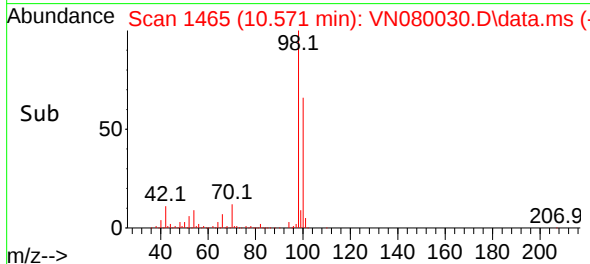
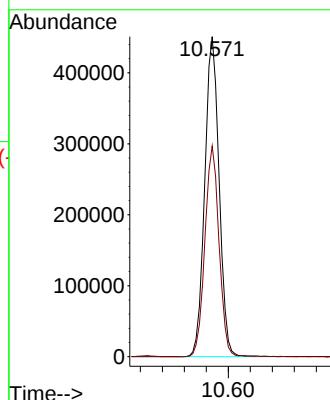
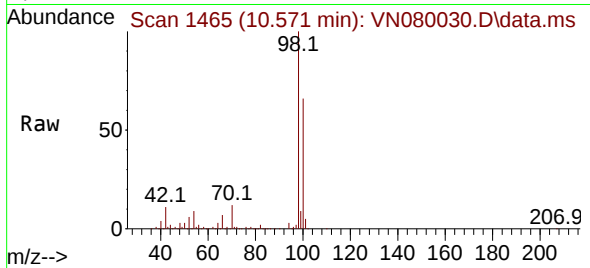




#50
Toluene-d8
Concen: 51.020 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080030.D
Acq: 09 Nov 2023 18:34

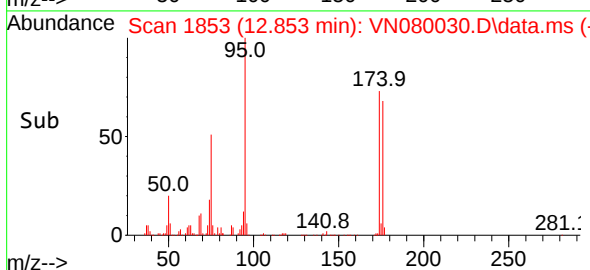
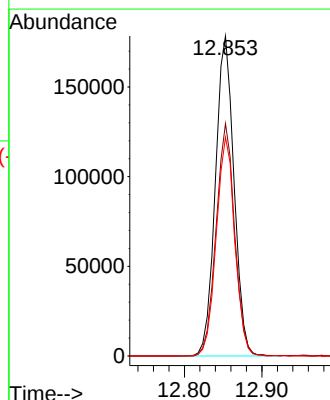
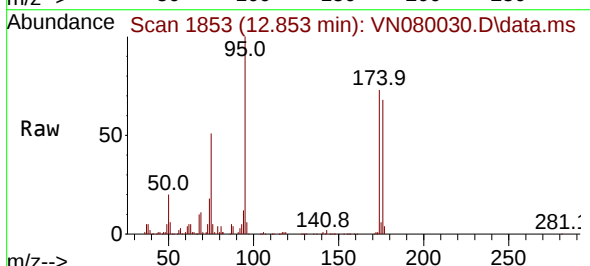
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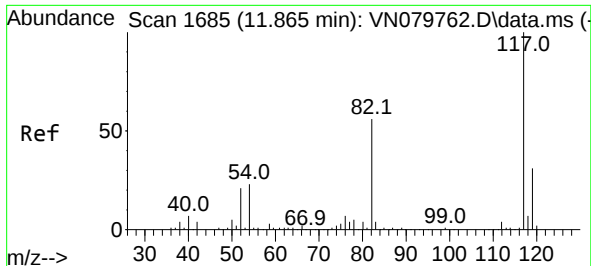
Tgt Ion: 98 Resp: 817248
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 55.934 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080030.D
Acq: 09 Nov 2023 18:34

Tgt Ion: 95 Resp: 297146
Ion Ratio Lower Upper
95 100
174 72.6 0.0 143.8
176 67.9 0.0 135.8

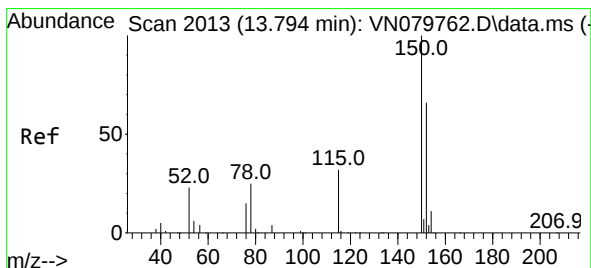
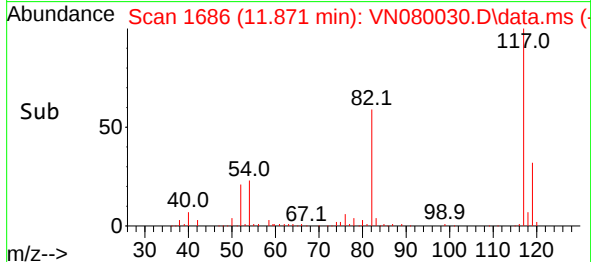
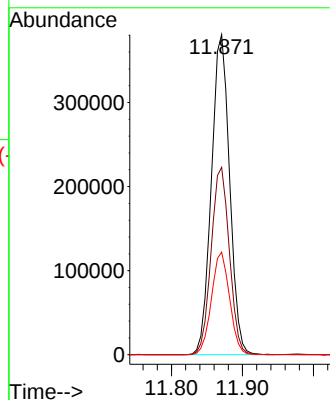
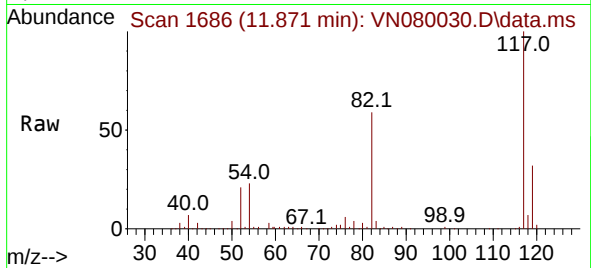




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080030.D
Acq: 09 Nov 2023 18:34

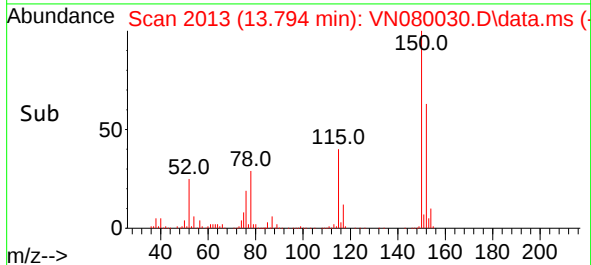
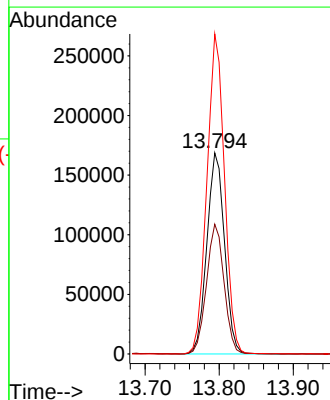
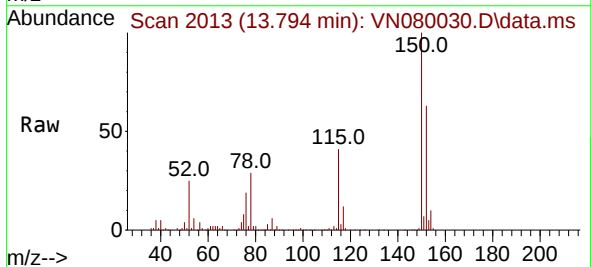
Instrument :
MSVOA_N
ClientSampleId :
MH-1

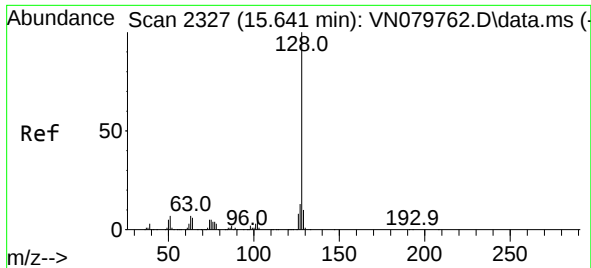
Tgt Ion:117 Resp: 677151
Ion Ratio Lower Upper
117 100
82 58.6 44.0 66.0
119 32.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080030.D
Acq: 09 Nov 2023 18:34

Tgt Ion:152 Resp: 278806
Ion Ratio Lower Upper
152 100
115 64.3 32.3 96.8
150 158.2 0.0 355.8





#95

Naphthalene

Concen: 1.244 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080030.D

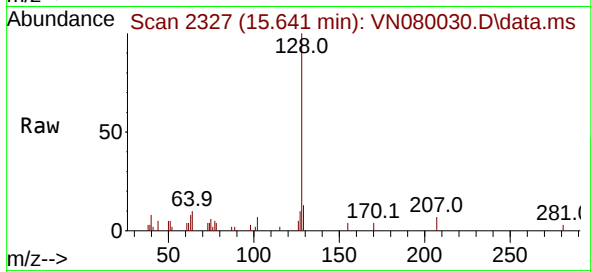
Acq: 09 Nov 2023 18:34

Instrument :

MSVOA_N

ClientSampleId :

MH-1



Tgt Ion:128 Resp: 18250

Ion Ratio Lower Upper

128 100

127 11.5 10.0 15.0

129 11.8 8.7 13.1

