

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060223\
 Data File : VN078026.D
 Acq On : 02 Jun 2023 12:57
 Operator : JC\MD
 Sample : PB153165ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB153165ZHE#03

Quant Time: Jun 05 01:17:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

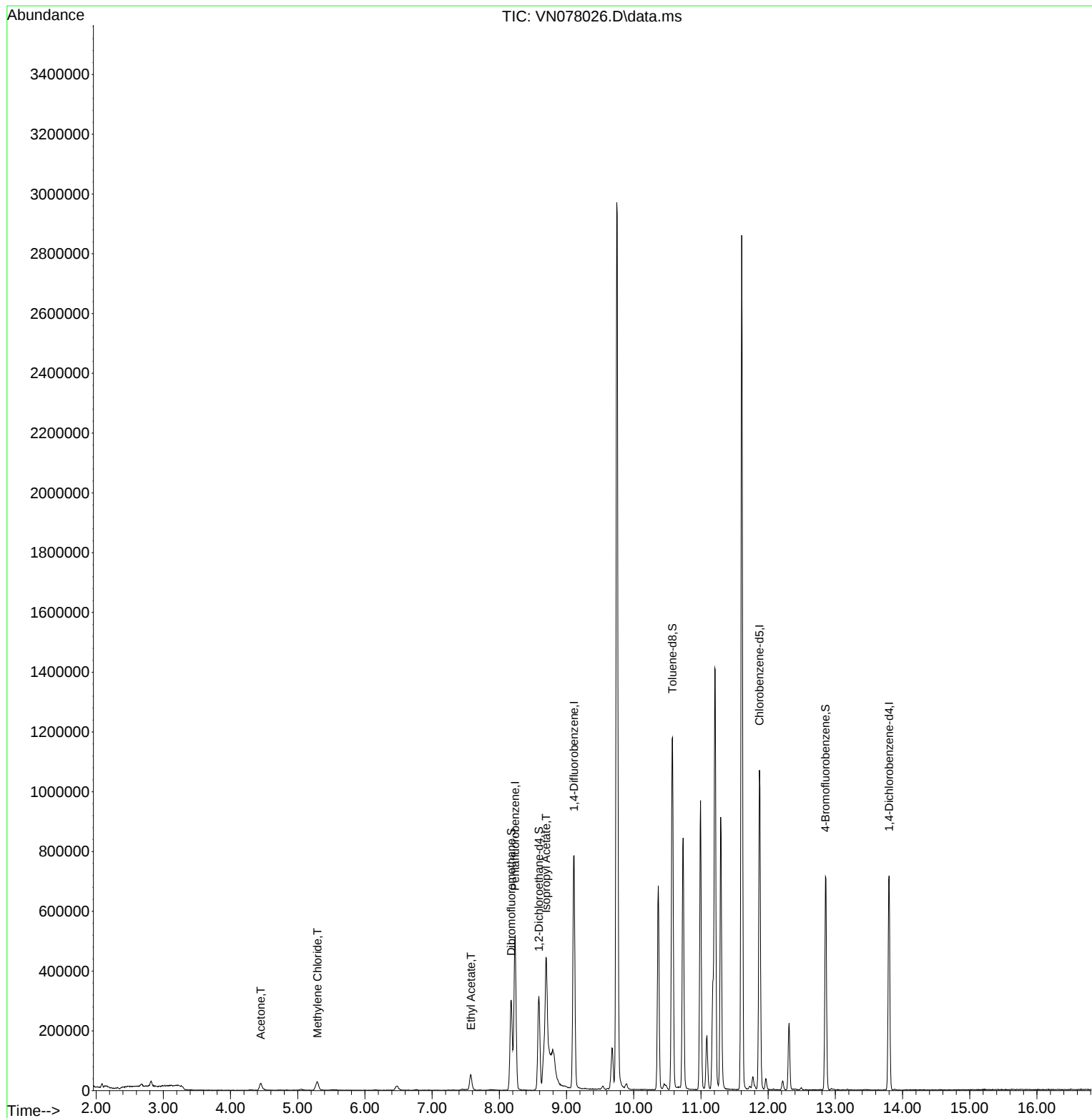
Internal Standards						
1) Pentafluorobenzene	8.236	168	370093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	703680	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	633875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	193059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	259183	46.805	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.600%
35) Dibromofluoromethane	8.177	113	226721	49.409	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.820%
50) Toluene-d8	10.577	98	869427	49.226	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.460%
62) 4-Bromofluorobenzene	12.853	95	255120	40.899	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	81.800%#
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	42650	24.481	ug/l	97
20) Methylene Chloride	5.295	84	23226	3.276	ug/l #	93
37) Ethyl Acetate	7.577	43	77876	13.018	ug/l	97
43) Isopropyl Acetate	8.694	43	655011	67.035	ug/l #	68

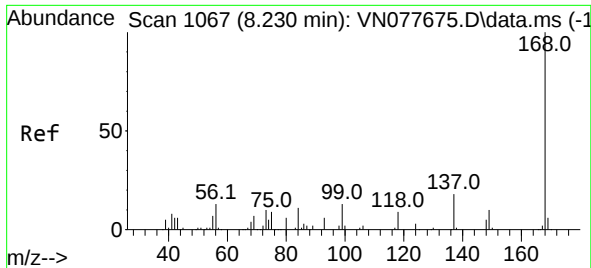
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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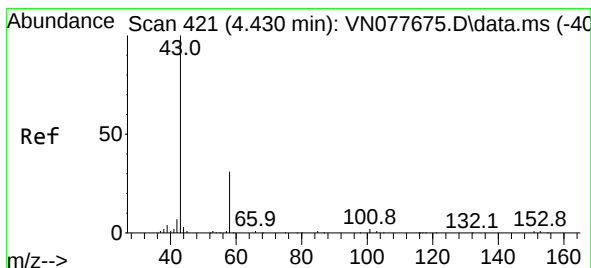
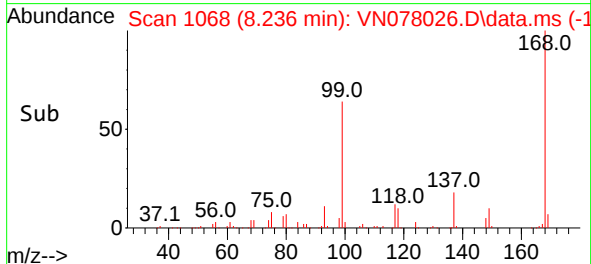
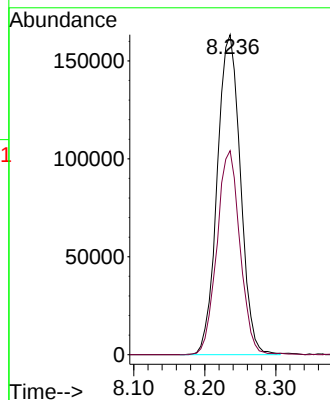
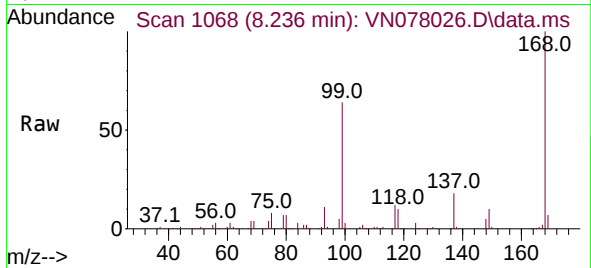




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN078026.D
Acq: 02 Jun 2023 12:57

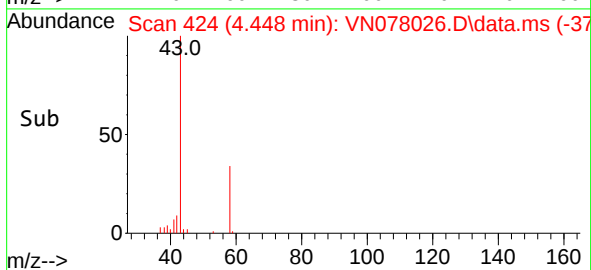
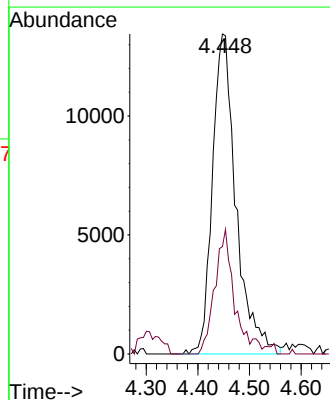
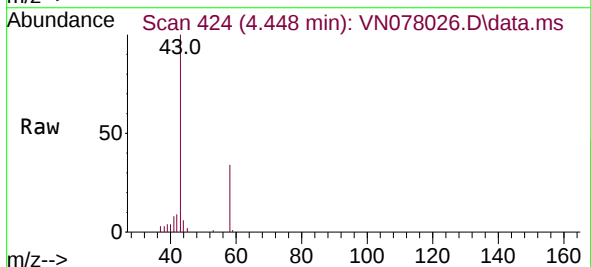
Instrument :
MSVOA_N
ClientSampleId :
PB153165ZHE#03

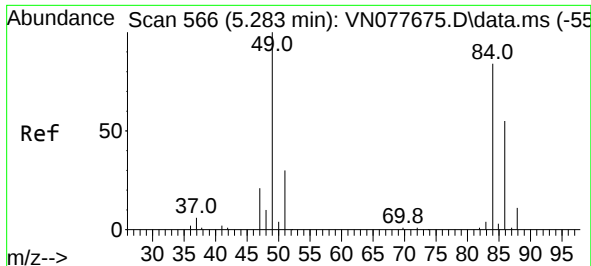
Tgt Ion:168 Resp: 370093
Ion Ratio Lower Upper
168 100
99 63.7 53.0 79.6



#16
Acetone
Concen: 24.481 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN078026.D
Acq: 02 Jun 2023 12:57

Tgt Ion: 43 Resp: 42650
Ion Ratio Lower Upper
43 100
58 33.5 28.0 42.0

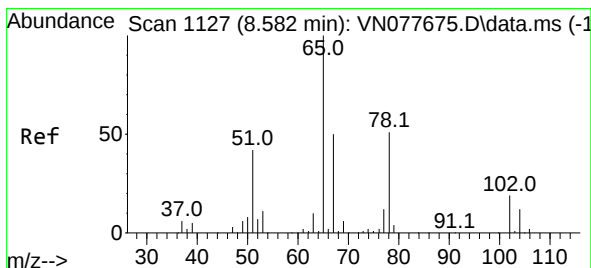
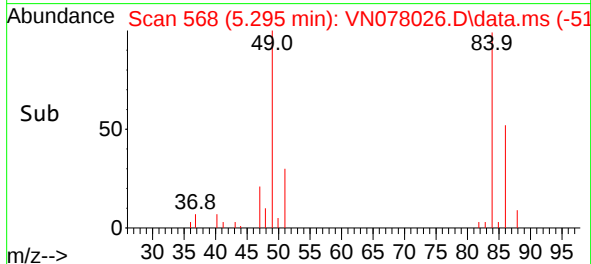
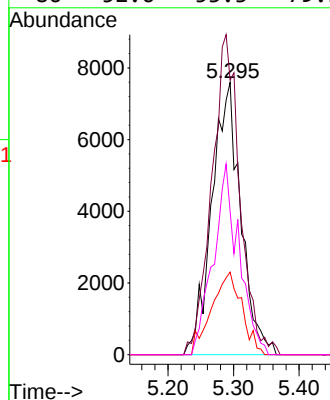
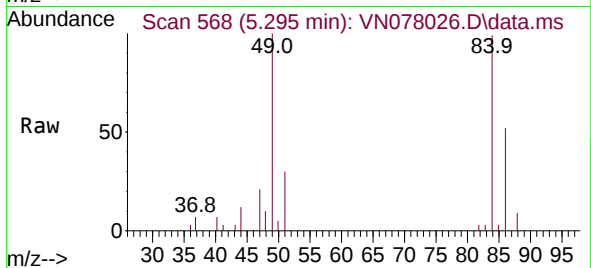




#20
Methylene Chloride
Concen: 3.276 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN078026.D
Acq: 02 Jun 2023 12:57

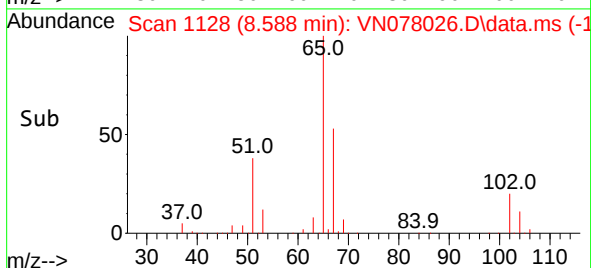
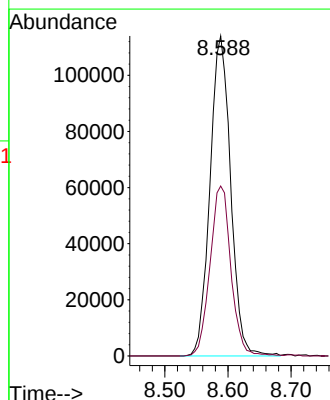
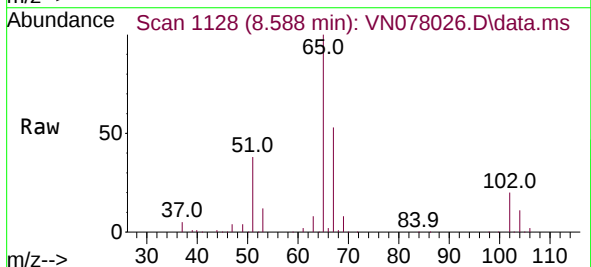
Instrument :
MSVOA_N
ClientSampleId :
PB153165ZHE#03

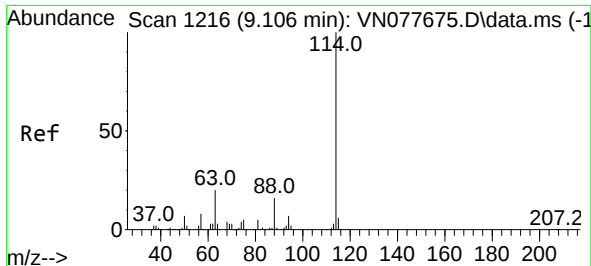
Tgt Ion: 84	Resp: 23226
Ion Ratio	Lower Upper
84 100	
49 100.9	79.7 119.5
51 30.3	25.2 37.8
86 52.6	53.3 79.9#



#33
1,2-Dichloroethane-d4
Concen: 46.805 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078026.D
Acq: 02 Jun 2023 12:57

Tgt Ion: 65	Resp: 259183
Ion Ratio	Lower Upper
65 100	
67 53.7	0.0 106.6

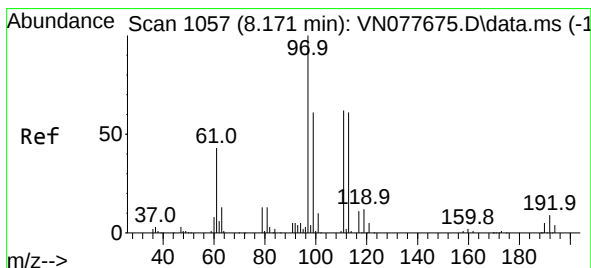
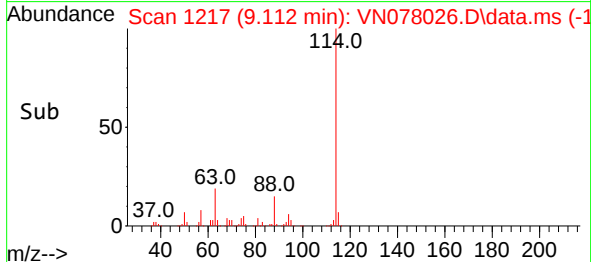
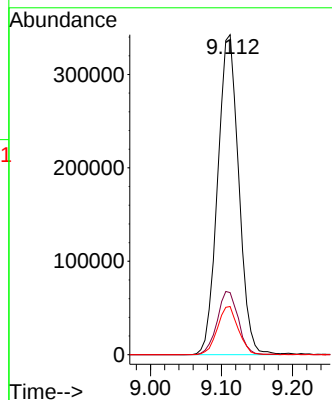
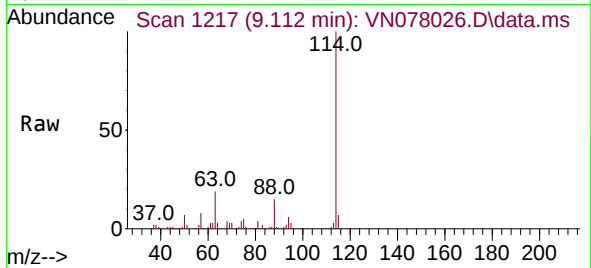




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078026.D
Acq: 02 Jun 2023 12:57

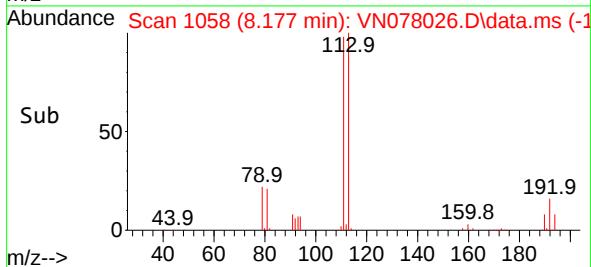
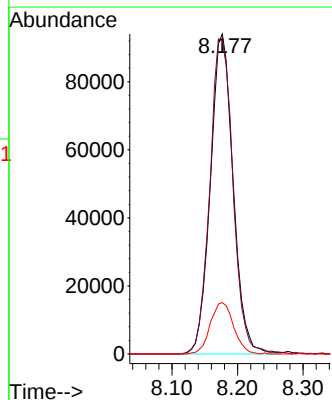
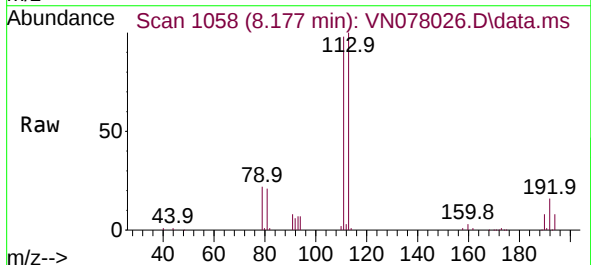
Instrument :
MSVOA_N
ClientSampleId :
PB153165ZHE#03

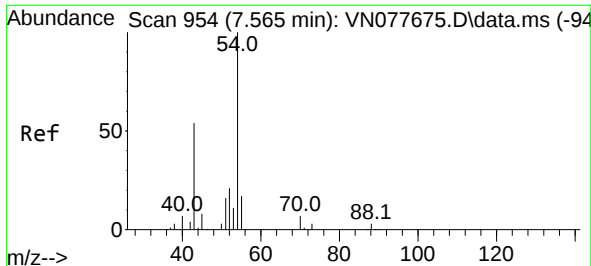
Tgt Ion:114 Resp: 703680
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.409 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN078026.D
Acq: 02 Jun 2023 12:57

Tgt Ion:113 Resp: 226721
Ion Ratio Lower Upper
113 100
111 100.1 82.6 123.8
192 16.4 12.7 19.1





#37

Ethyl Acetate

Concen: 13.018 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN078026.D

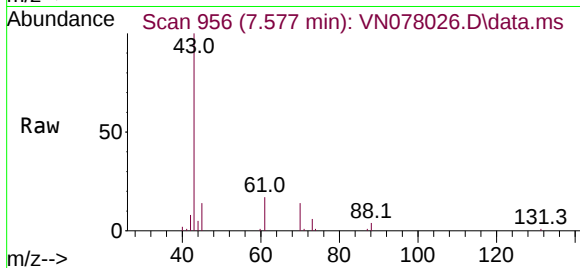
Acq: 02 Jun 2023 12:57

Instrument :

MSVOA_N

ClientSampleId :

PB153165ZHE#03



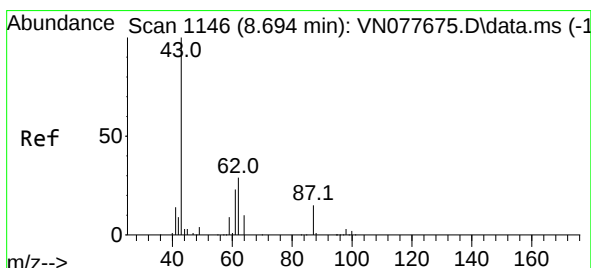
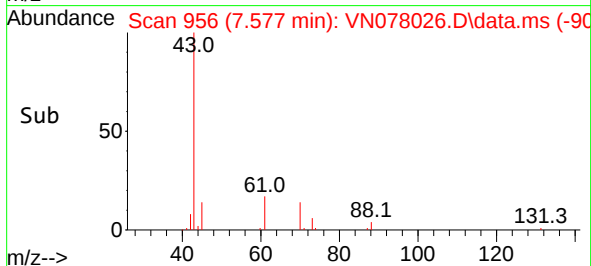
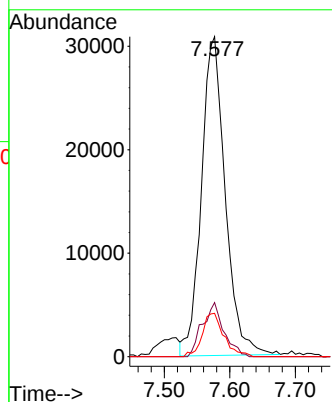
Tgt Ion: 43 Resp: 77876

Ion Ratio Lower Upper

43 100

61 15.3 13.2 19.8

70 12.4 11.3 16.9



#43

Isopropyl Acetate

Concen: 67.035 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078026.D

Acq: 02 Jun 2023 12:57

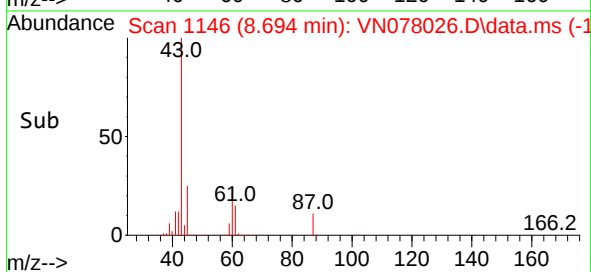
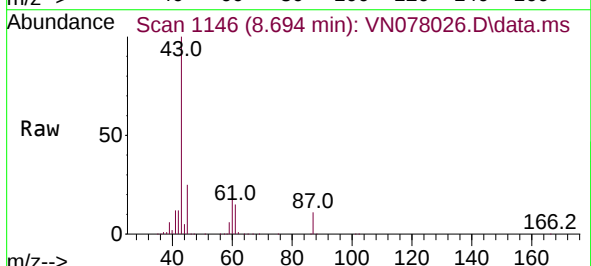
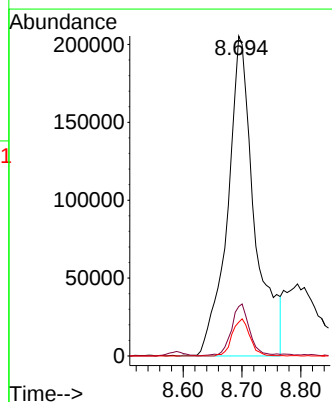
Tgt Ion: 43 Resp: 655011

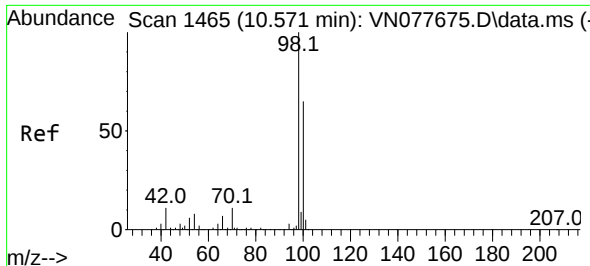
Ion Ratio Lower Upper

43 100

61 10.8 24.7 37.1#

87 7.6 14.6 21.8#

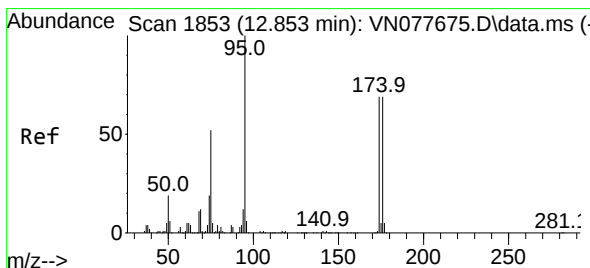
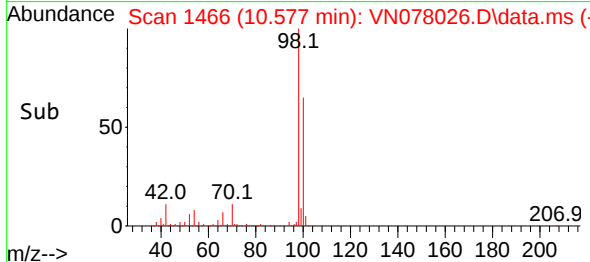
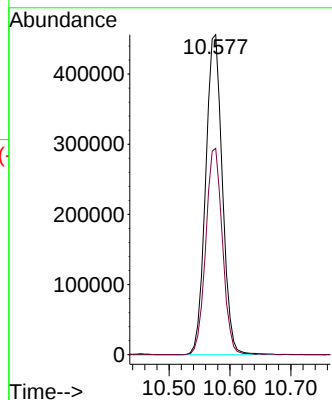
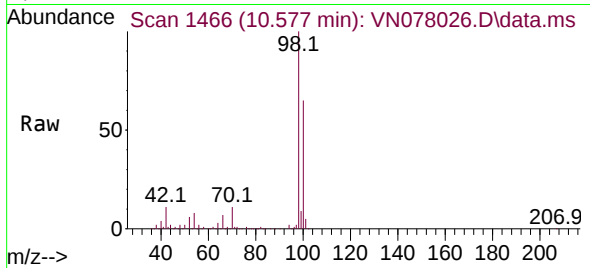




#50
Toluene-d8
Concen: 49.226 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078026.D
Acq: 02 Jun 2023 12:57

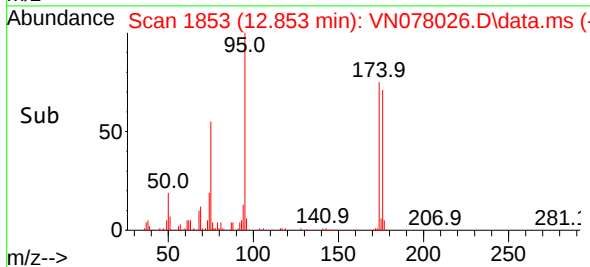
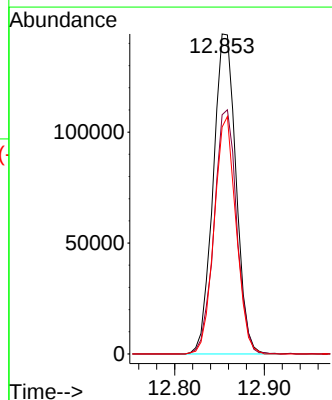
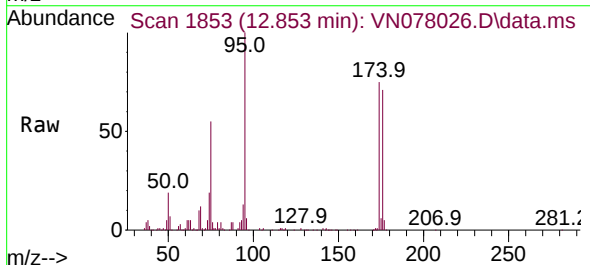
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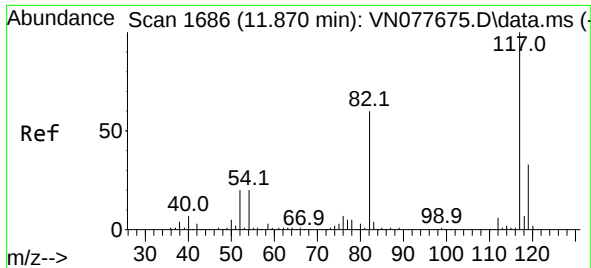
Tgt Ion: 98 Resp: 869427
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.899 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078026.D
Acq: 02 Jun 2023 12:57

Tgt Ion: 95 Resp: 255120
Ion Ratio Lower Upper
95 100
174 75.5 0.0 143.8
176 70.8 0.0 135.8

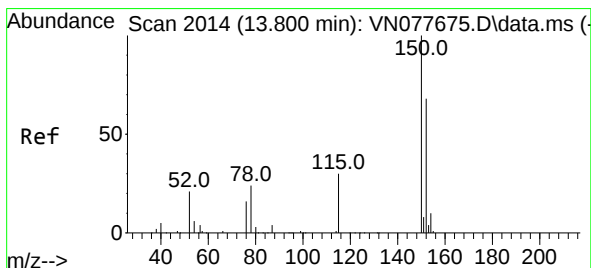
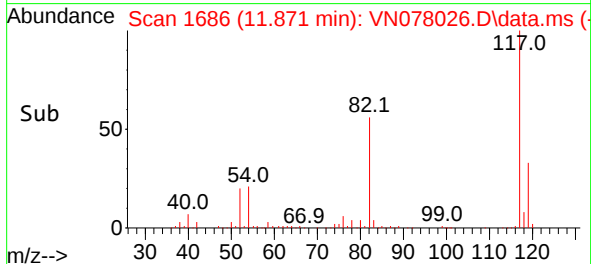
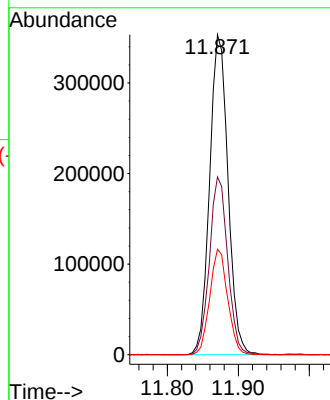
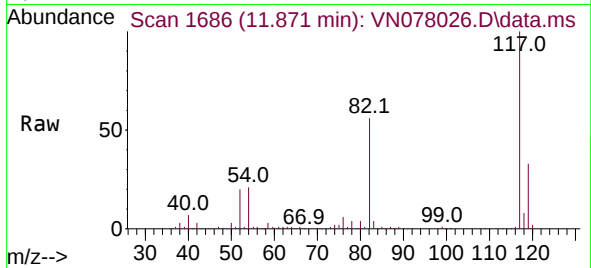




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN078026.D
Acq: 02 Jun 2023 12:57

Instrument :
MSVOA_N
ClientSampleId :
PB153165ZHE#03

Tgt Ion:117 Resp: 633875
Ion Ratio Lower Upper
117 100
82 55.6 44.0 66.0
119 32.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078026.D
Acq: 02 Jun 2023 12:57

Tgt Ion:152 Resp: 193059
Ion Ratio Lower Upper
152 100
115 65.7 32.3 96.8
150 161.3 0.0 355.8

