

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060523\
 Data File : VN078043.D
 Acq On : 05 Jun 2023 14:45
 Operator : JC\MD
 Sample : PB153198ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB153198ZHE#04

Quant Time: Jun 06 02:01:49 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)

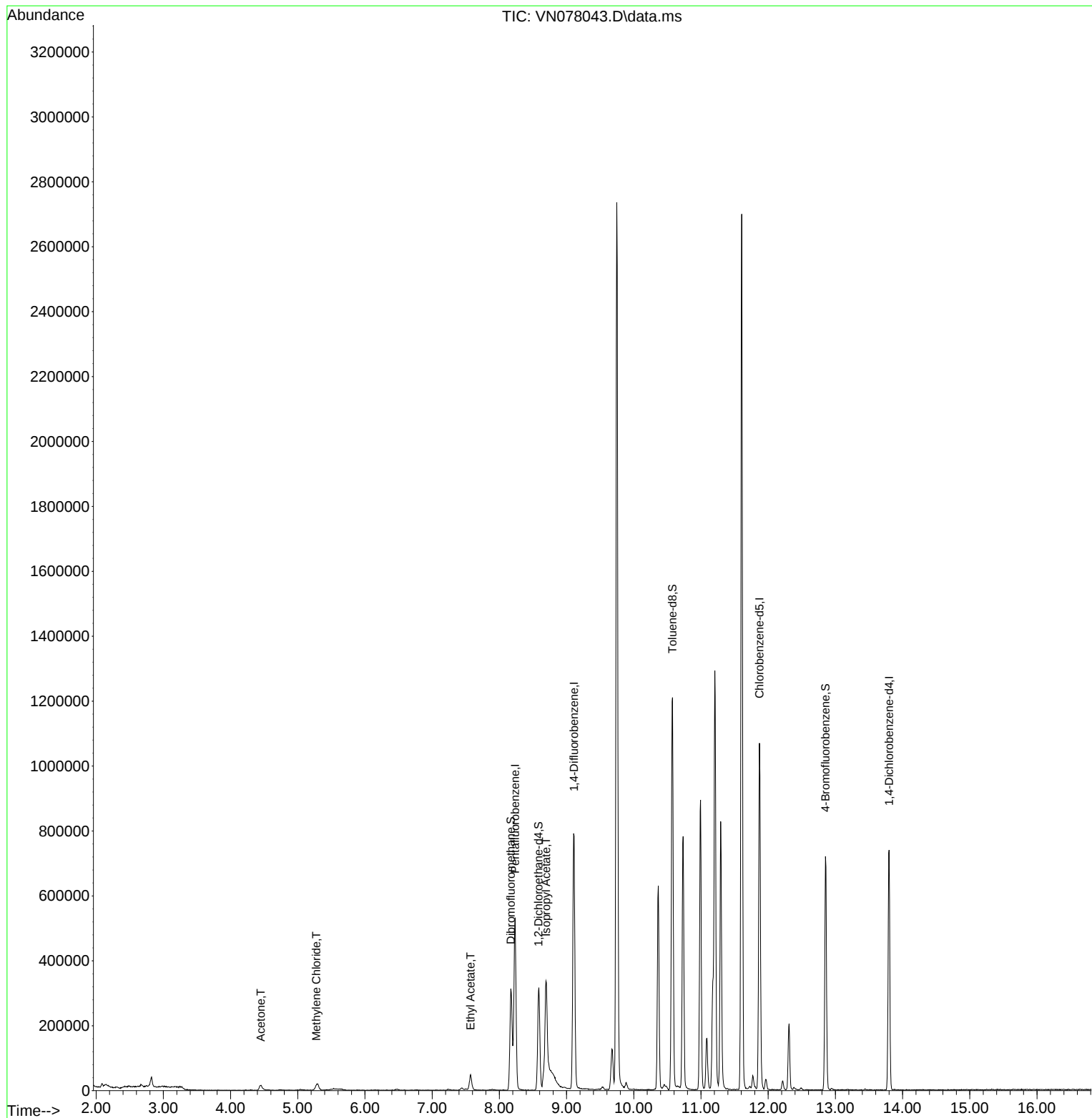
Internal Standards						
1) Pentafluorobenzene	8.235	168	383186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	722437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	647461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	203478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	263600	45.976	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.960%		
35) Dibromofluoromethane	8.171	113	233153	49.492	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.980%		
50) Toluene-d8	10.576	98	879861	48.523	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.040%		
62) 4-Bromofluorobenzene	12.853	95	265776	41.501	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	83.000%		
Target Compounds					Qvalue	
16) Acetone	4.447	43	27456	15.221	ug/l	95
20) Methylene Chloride	5.277	84	16272	1.551	ug/l #	89
37) Ethyl Acetate	7.571	43	64324	10.474	ug/l	98
43) Isopropyl Acetate	8.694	43	553183	55.144	ug/l #	70

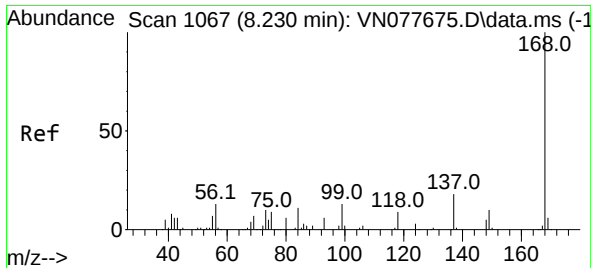
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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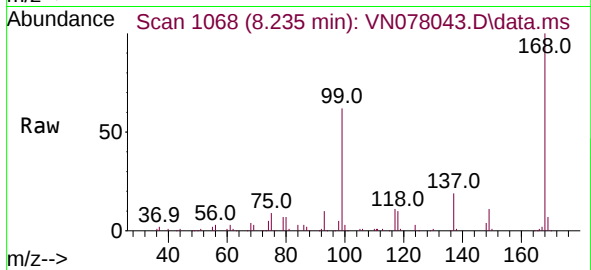
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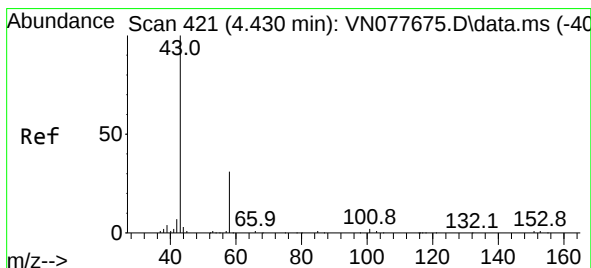
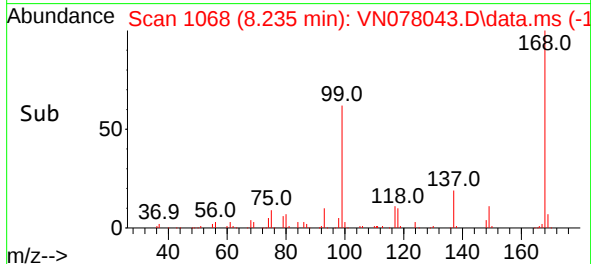
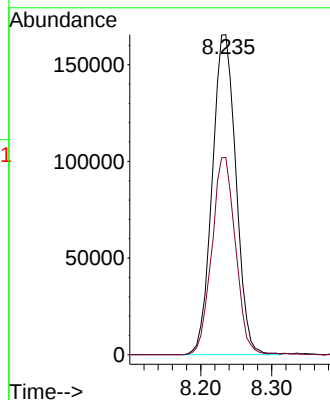


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078043.D
Acq: 05 Jun 2023 14:45

Instrument :
MSVOA_N
ClientSampleId :
PB153198ZHE#04

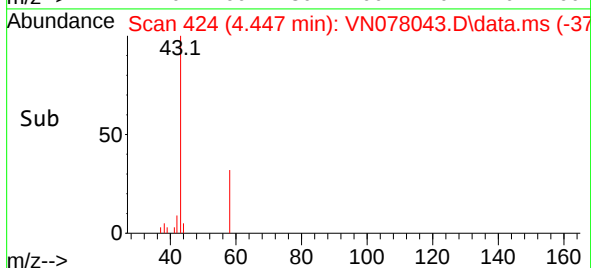
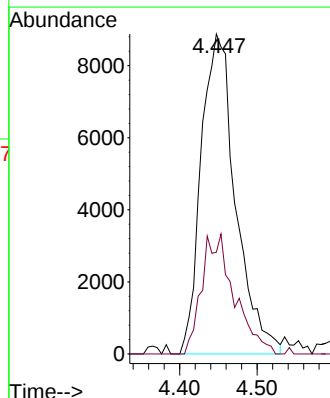
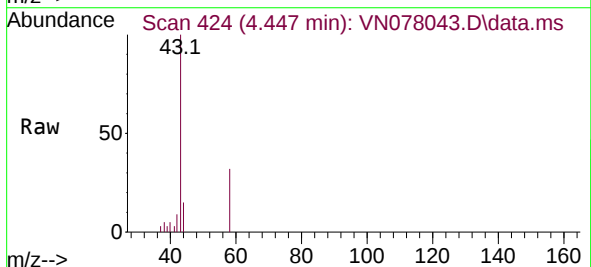


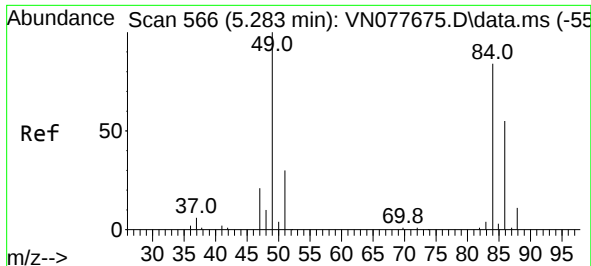
Tgt Ion:168 Resp: 383186
Ion Ratio Lower Upper
168 100
99 61.7 53.0 79.6



#16
Acetone
Concen: 15.221 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.017 min
Lab File: VN078043.D
Acq: 05 Jun 2023 14:45

Tgt Ion: 43 Resp: 27456
Ion Ratio Lower Upper
43 100
58 31.8 28.0 42.0

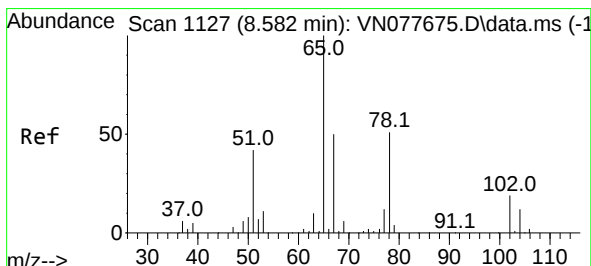
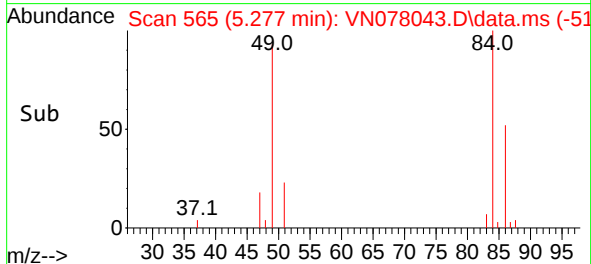
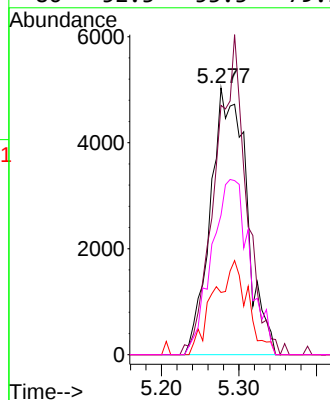
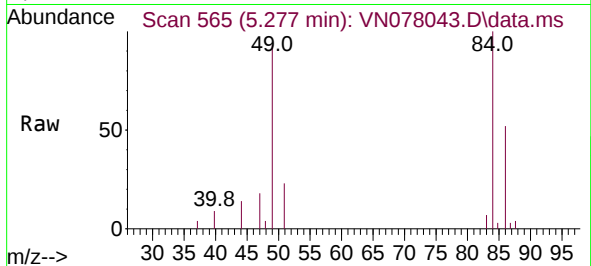




#20
Methylene Chloride
Concen: 1.551 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN078043.D
Acq: 05 Jun 2023 14:45

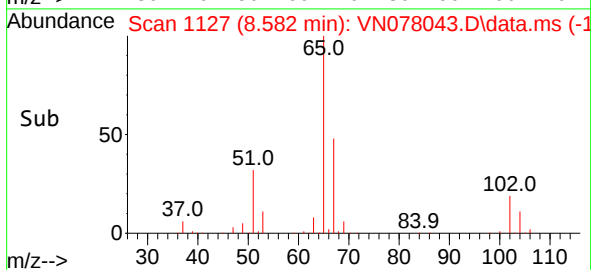
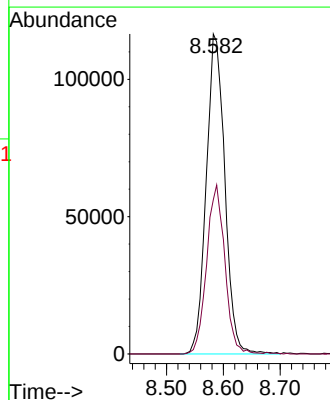
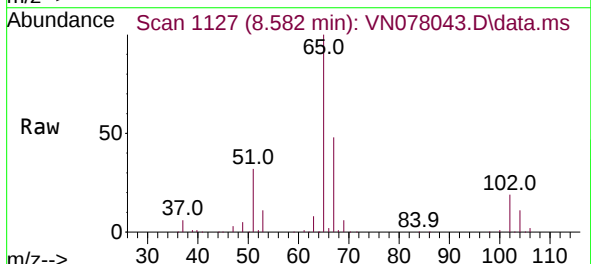
Instrument :
MSVOA_N
ClientSampleId :
PB153198ZHE#04

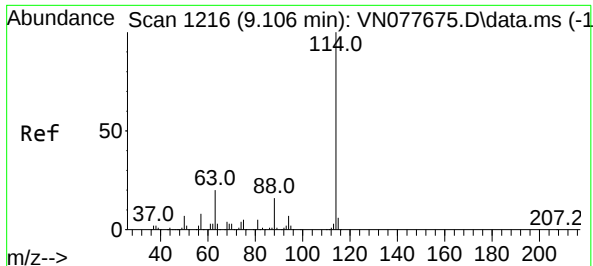
Tgt Ion: 84	Resp: 16272
Ion Ratio	Lower Upper
84 100	
49 93.5	79.7 119.5
51 23.4	25.2 37.8#
86 52.3	53.3 79.9#



#33
1,2-Dichloroethane-d4
Concen: 45.976 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN078043.D
Acq: 05 Jun 2023 14:45

Tgt Ion: 65	Resp: 263600
Ion Ratio	Lower Upper
65 100	
67 51.8	0.0 106.6

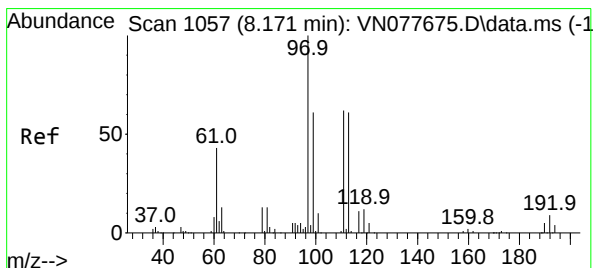
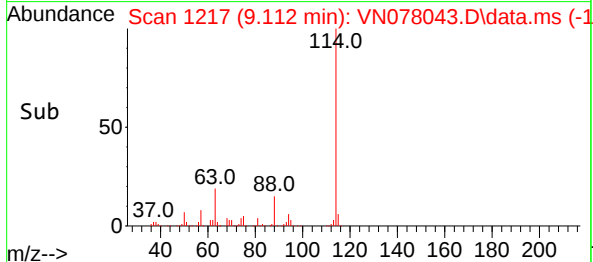
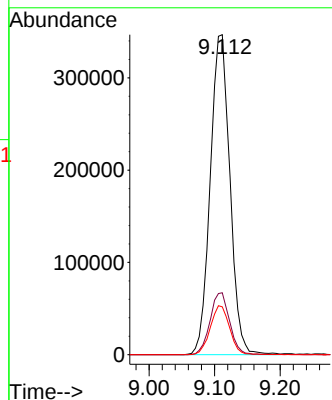
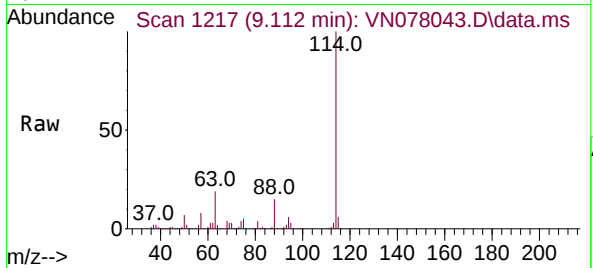




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078043.D
Acq: 05 Jun 2023 14:45

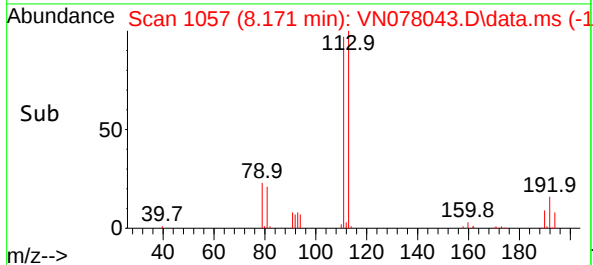
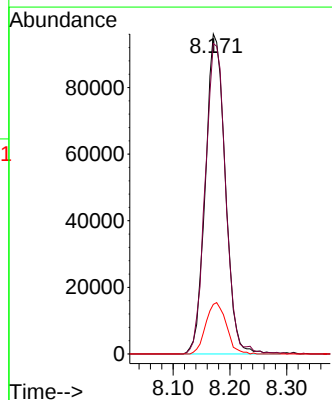
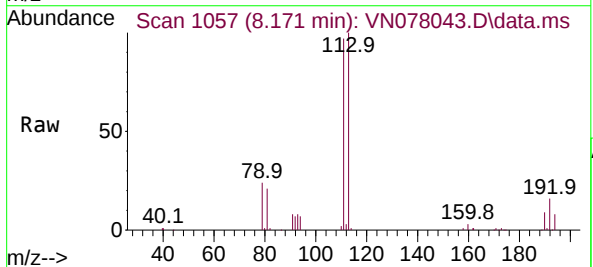
Instrument :
MSVOA_N
ClientSampleId :
PB153198ZHE#04

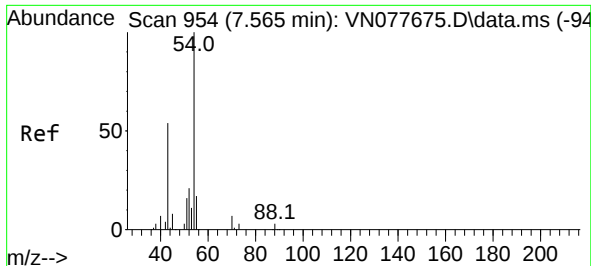
Tgt Ion:114 Resp: 722437
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.492 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078043.D
Acq: 05 Jun 2023 14:45

Tgt Ion:113 Resp: 233153
Ion Ratio Lower Upper
113 100
111 99.3 82.6 123.8
192 16.6 12.7 19.1





#37

Ethyl Acetate

Concen: 10.474 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN078043.D

Acq: 05 Jun 2023 14:45

Instrument :

MSVOA_N

ClientSampleId :

PB153198ZHE#04

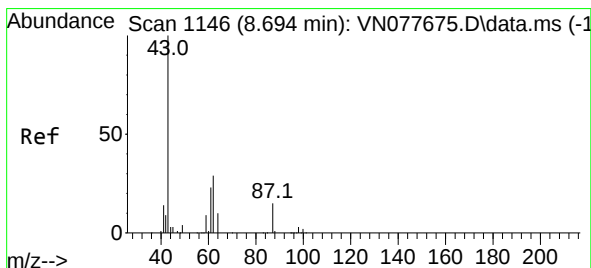
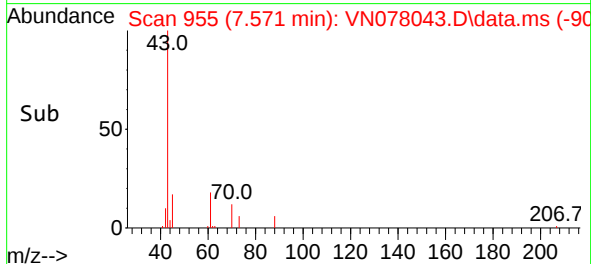
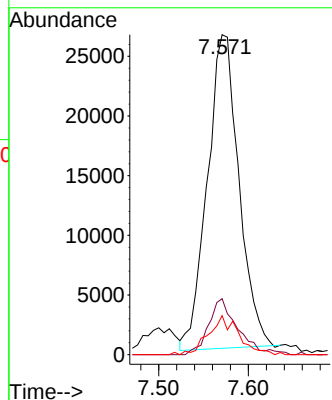
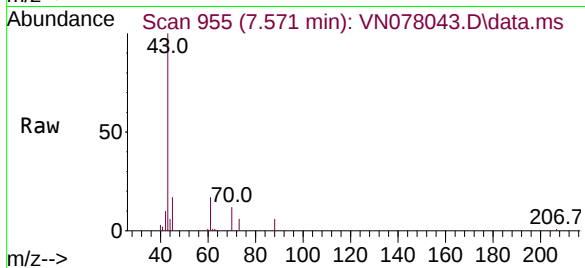
Tgt Ion: 43 Resp: 64324

Ion Ratio Lower Upper

43 100

61 16.5 13.2 19.8

70 12.0 11.3 16.9



#43

Isopropyl Acetate

Concen: 55.144 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078043.D

Acq: 05 Jun 2023 14:45

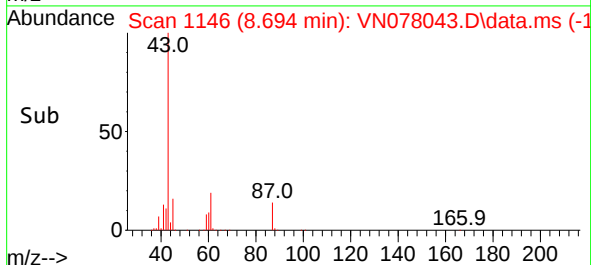
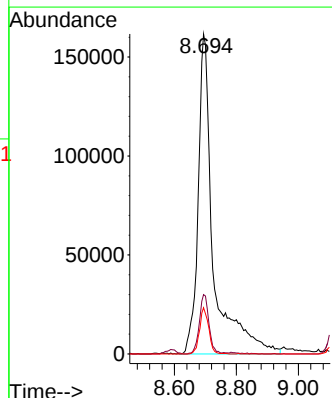
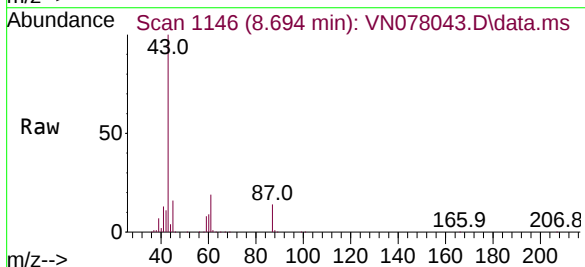
Tgt Ion: 43 Resp: 553183

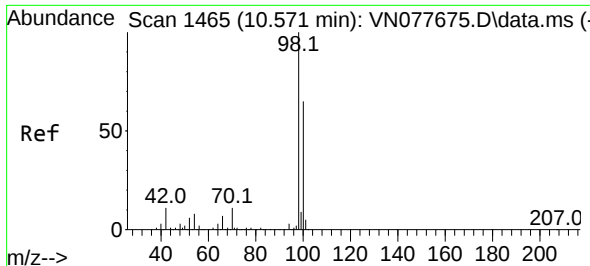
Ion Ratio Lower Upper

43 100

61 11.7 24.7 37.1#

87 8.6 14.6 21.8#

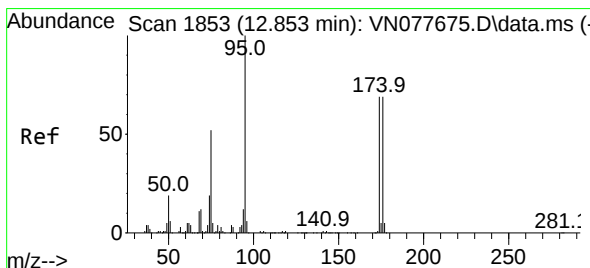
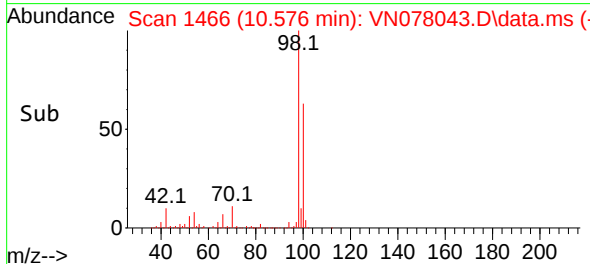
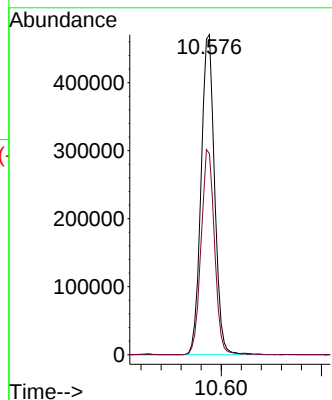
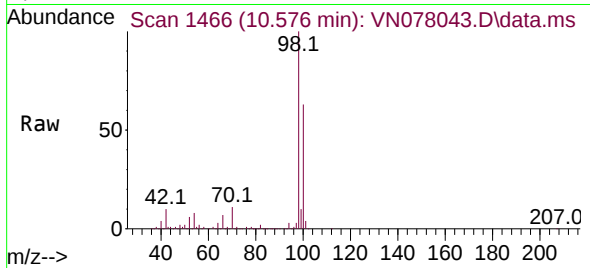




#50
Toluene-d8
Concen: 48.523 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN078043.D
Acq: 05 Jun 2023 14:45

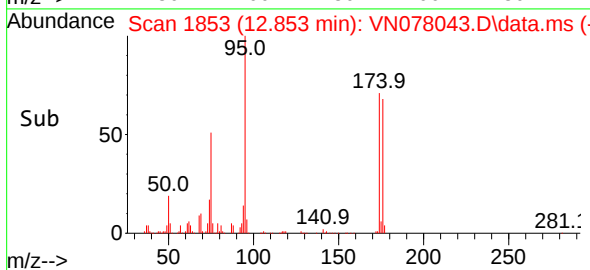
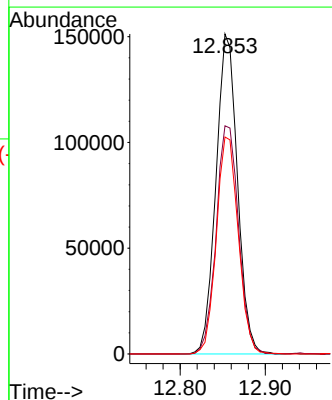
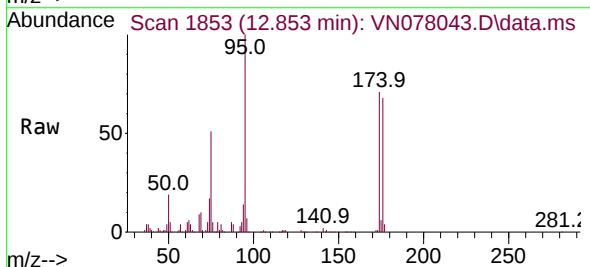
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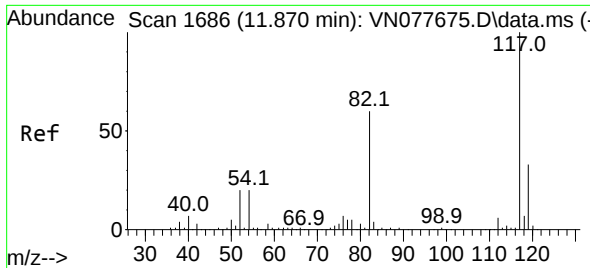
Tgt Ion: 98 Resp: 879861
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.501 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078043.D
Acq: 05 Jun 2023 14:45

Tgt Ion: 95 Resp: 265776
Ion Ratio Lower Upper
95 100
174 74.4 0.0 143.8
176 69.1 0.0 135.8

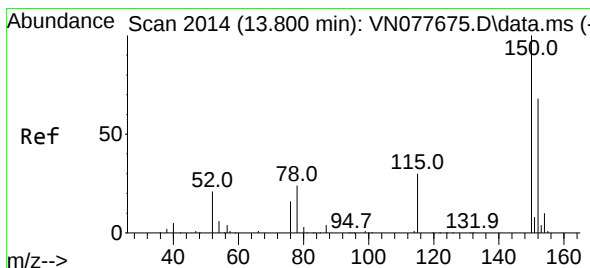
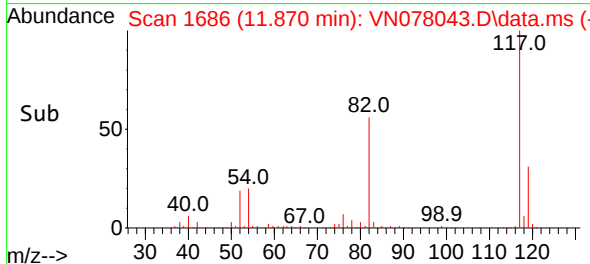
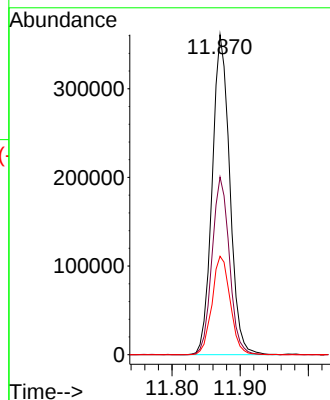
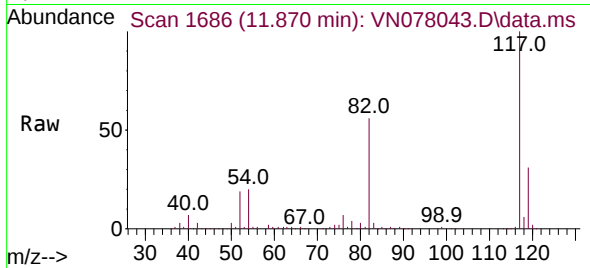




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN078043.D
Acq: 05 Jun 2023 14:45

Instrument :
MSVOA_N
ClientSampleId :
PB153198ZHE#04

Tgt Ion:117 Resp: 647461
Ion Ratio Lower Upper
117 100
82 55.5 44.0 66.0
119 30.7 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: VN078043.D
Acq: 05 Jun 2023 14:45

Tgt Ion:152 Resp: 203478
Ion Ratio Lower Upper
152 100
115 62.9 32.3 96.8
150 157.4 0.0 355.8

