

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112023\
 Data File : VN080211.D
 Acq On : 20 Nov 2023 16:35
 Operator : JC\MD
 Sample : PB157250ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB157250ZHE#05

Quant Time: Nov 21 01:07:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

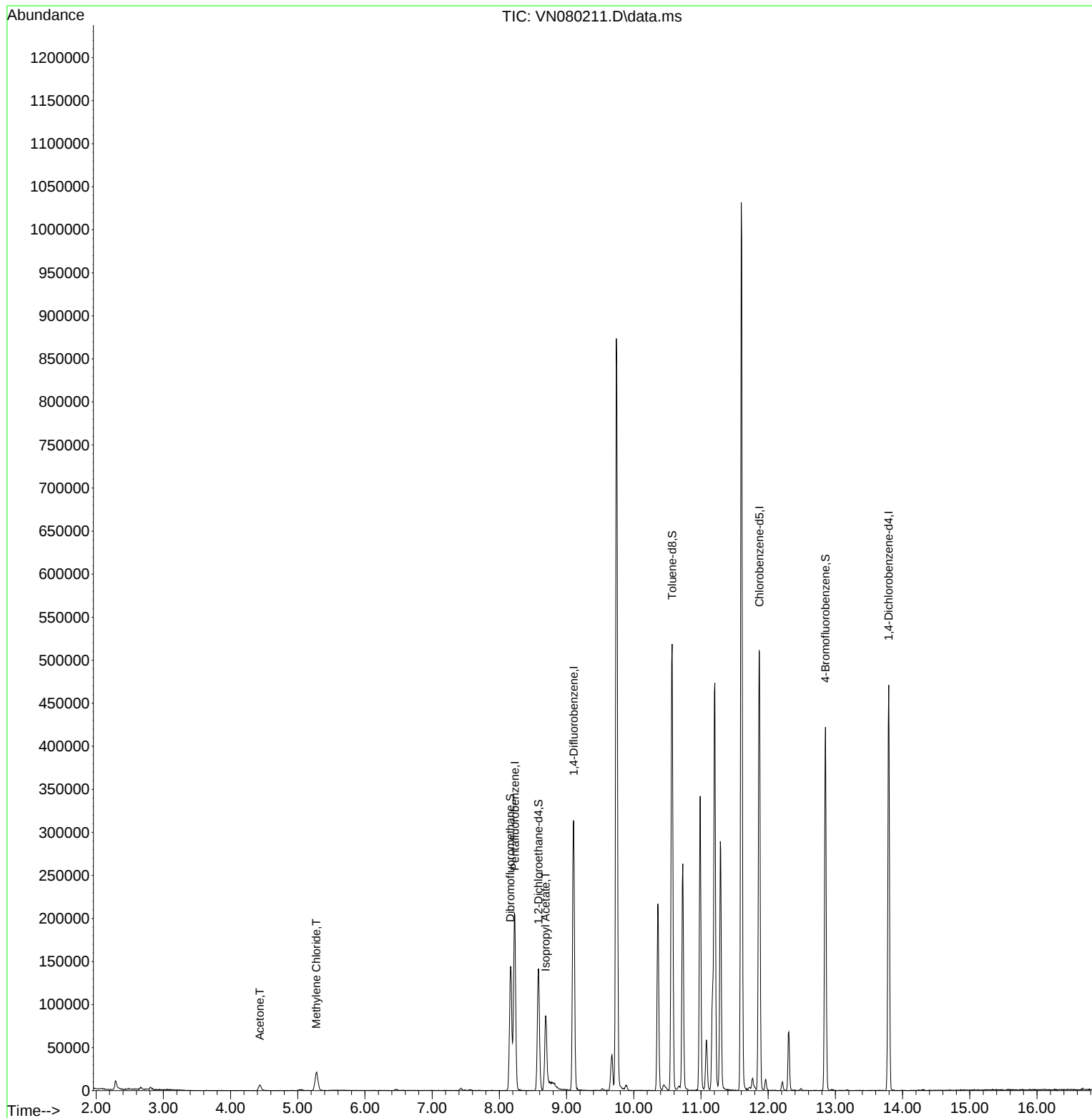
Internal Standards						
1) Pentafluorobenzene	8.230	168	142256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	261919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	293654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	132022	56.207	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.420%	
35) Dibromofluoromethane	8.165	113	101560	52.551	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.100%	
50) Toluene-d8	10.571	98	362267	52.000	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.000%	
62) 4-Bromofluorobenzene	12.853	95	139042	52.839	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.680%	
Target Compounds						Qvalue
16) Acetone	4.436	43	12749	16.160	ug/l #	87
20) Methylene Chloride	5.277	84	17305	10.474	ug/l	92
43) Isopropyl Acetate	8.688	43	100646	26.648	ug/l #	83

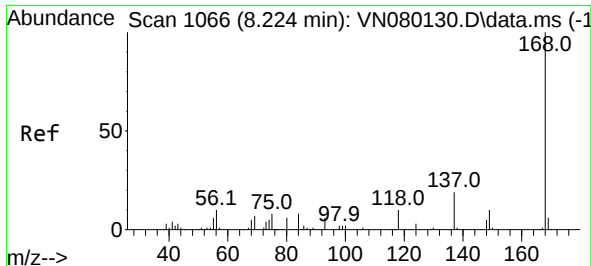
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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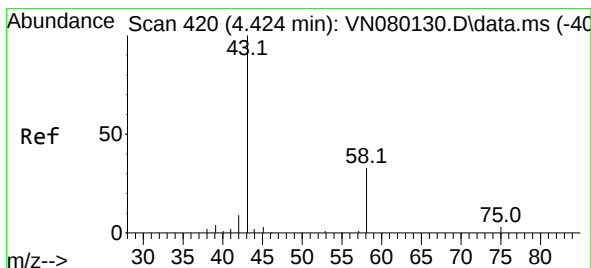
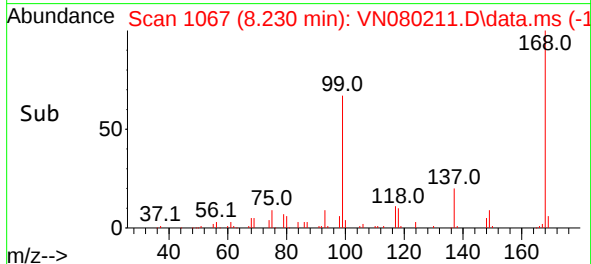
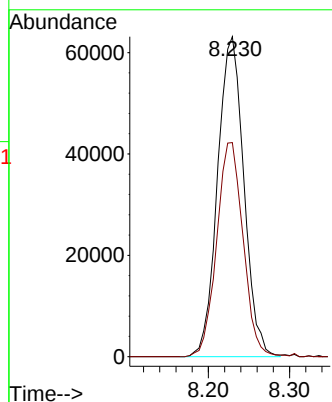
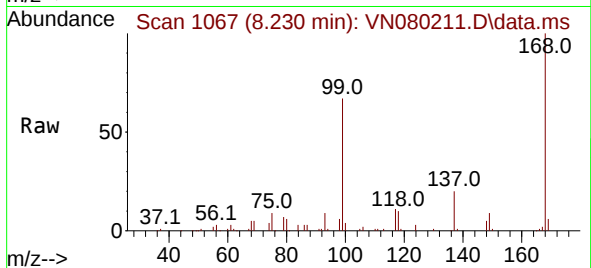




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080211.D
Acq: 20 Nov 2023 16:35

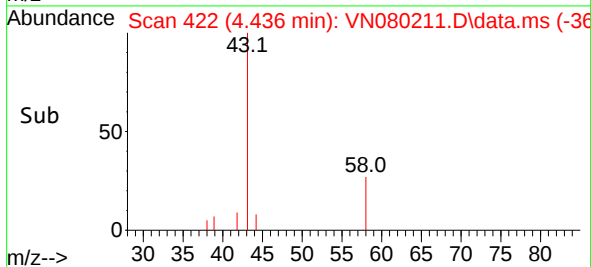
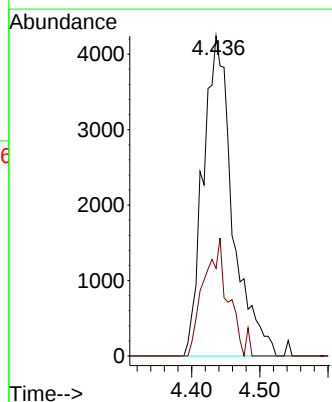
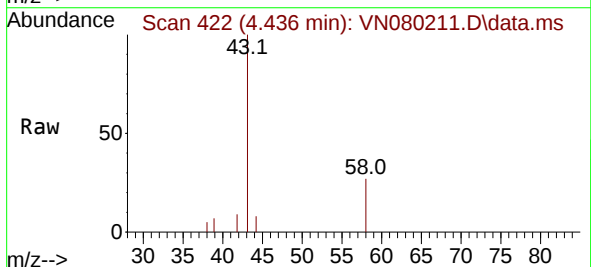
Instrument :
MSVOA_N
ClientSampleId :
PB157250ZHE#05

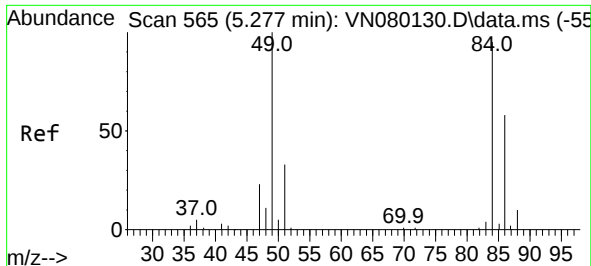
Tgt Ion:168 Resp: 142256
Ion Ratio Lower Upper
168 100
99 66.9 53.0 79.6



#16
Acetone
Concen: 16.160 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN080211.D
Acq: 20 Nov 2023 16:35

Tgt Ion: 43 Resp: 12749
Ion Ratio Lower Upper
43 100
58 27.3 28.0 42.0#

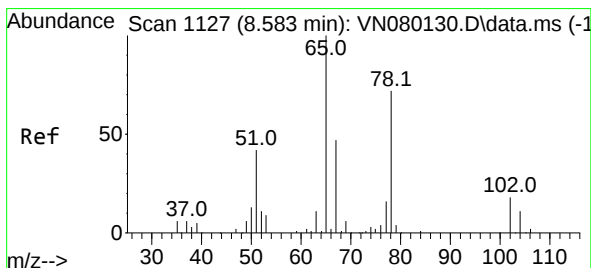
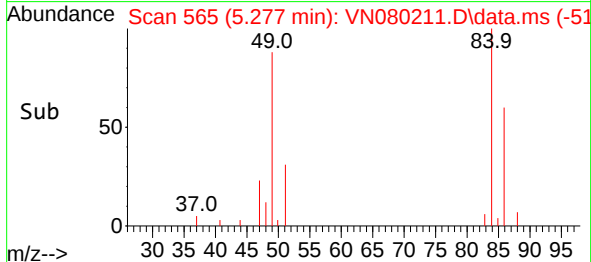
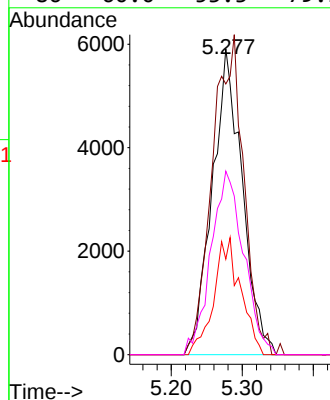
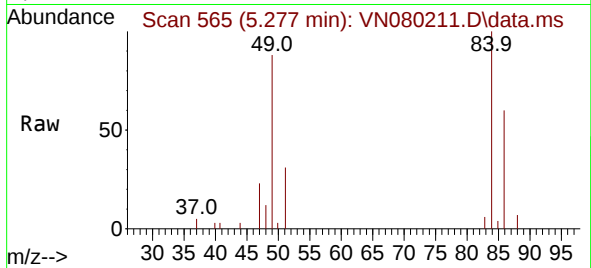




#20
Methylene Chloride
Concen: 10.474 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080211.D
Acq: 20 Nov 2023 16:35

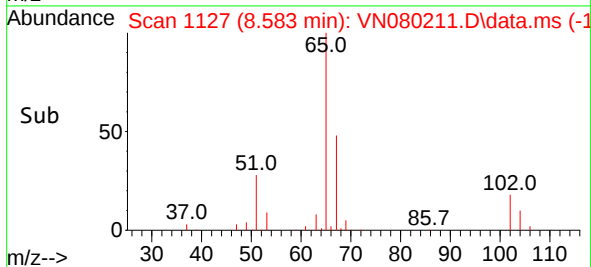
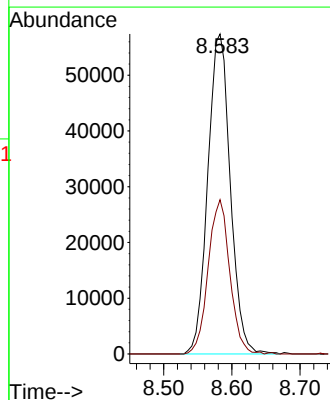
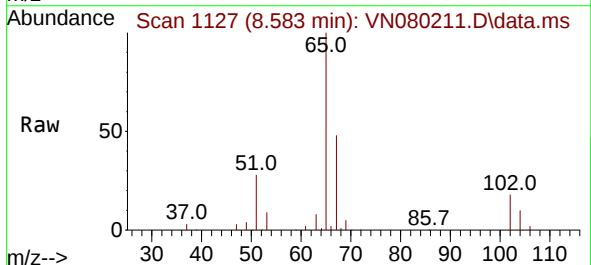
Instrument :
MSVOA_N
ClientSampleId :
PB157250ZHE#05

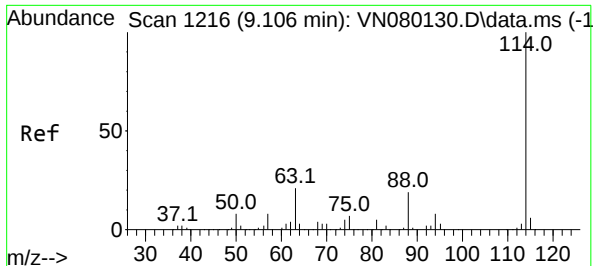
Tgt Ion:	84	Resp:	17305
Ion	Ratio	Lower	Upper
84	100		
49	88.5	79.7	119.5
51	31.2	25.2	37.8
86	60.0	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 56.207 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080211.D
Acq: 20 Nov 2023 16:35

Tgt Ion:	65	Resp:	132022
Ion	Ratio	Lower	Upper
65	100		
67	46.2	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: VN080211.D

Acq: 20 Nov 2023 16:35

Instrument :

MSVOA_N

ClientSampleId :

PB157250ZHE#05

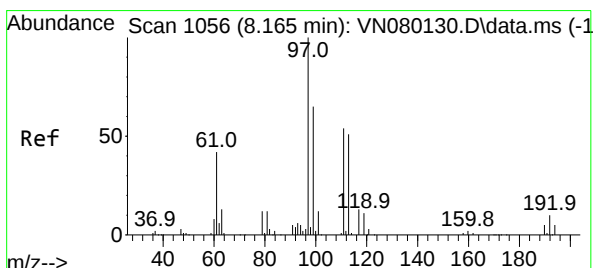
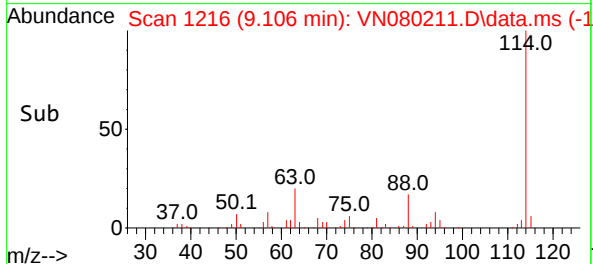
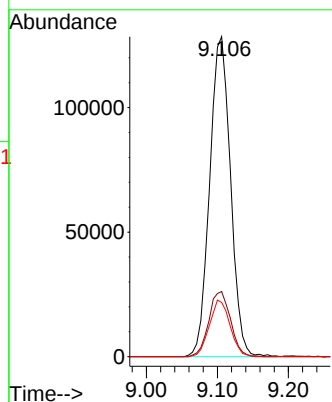
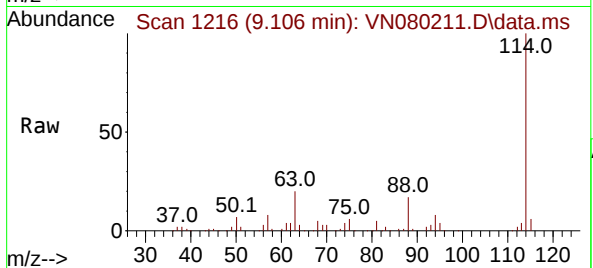
Tgt Ion:114 Resp: 261919

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 17.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.551 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080211.D

Acq: 20 Nov 2023 16:35

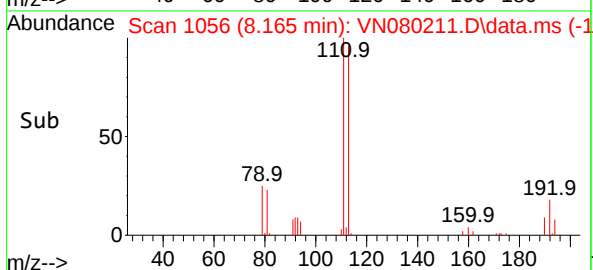
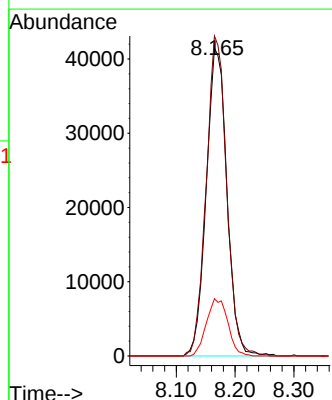
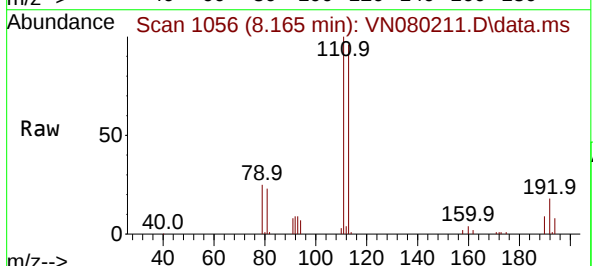
Tgt Ion:113 Resp: 101560

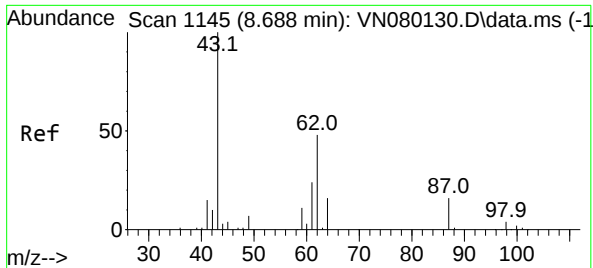
Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 19.3 12.7 19.1#

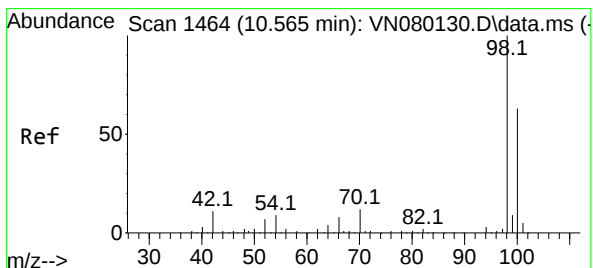
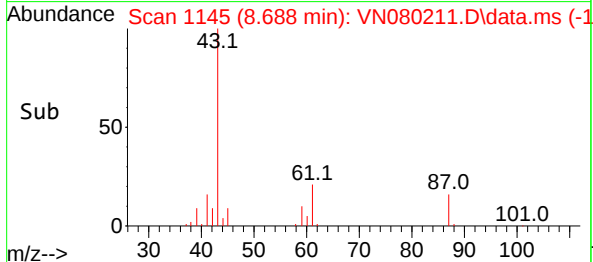
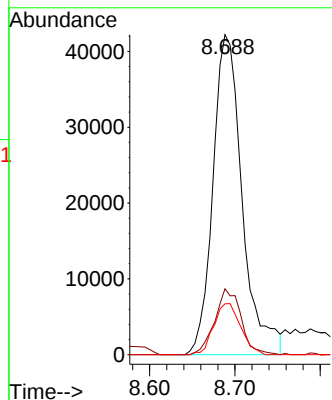
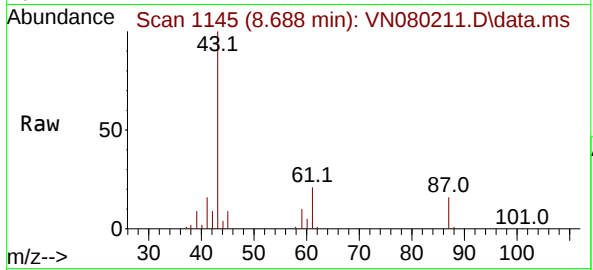




#43
Isopropyl Acetate
Concen: 26.648 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080211.D
Acq: 20 Nov 2023 16:35

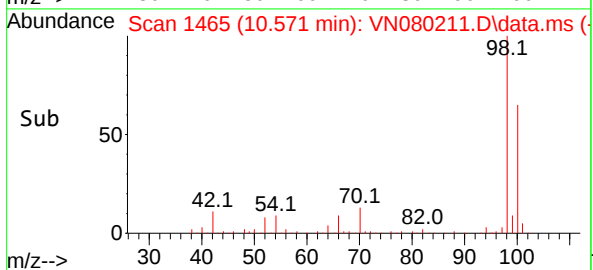
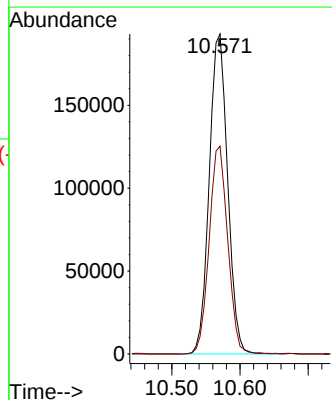
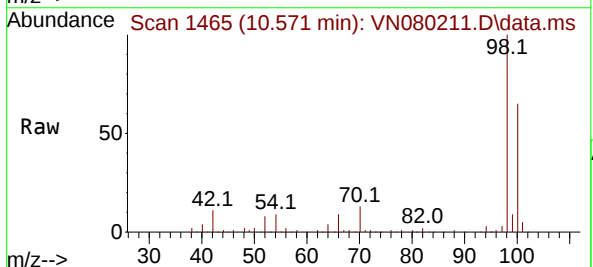
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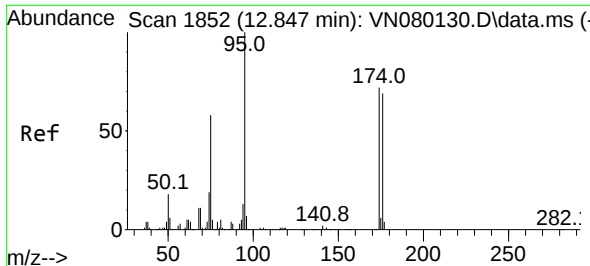
Tgt Ion: 43 Resp: 100646
Ion Ratio Lower Upper
43 100
61 18.4 24.7 37.1#
87 14.7 14.6 21.8



#50
Toluene-d8
Concen: 52.000 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080211.D
Acq: 20 Nov 2023 16:35

Tgt Ion: 98 Resp: 362267
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0

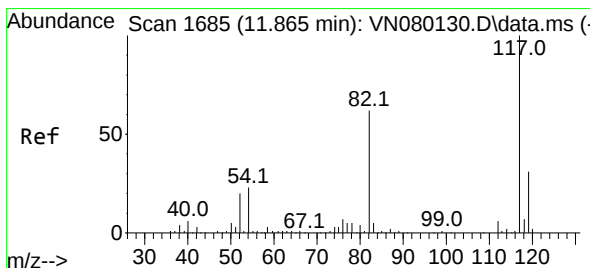
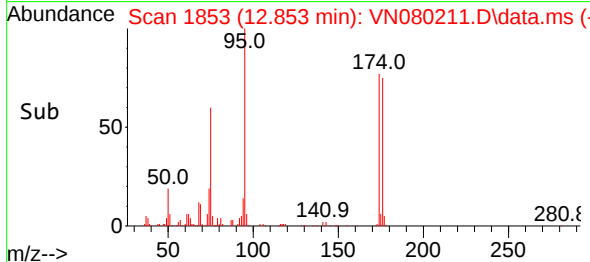
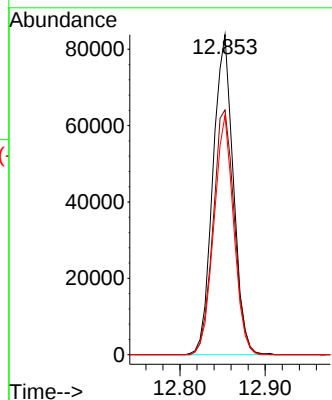
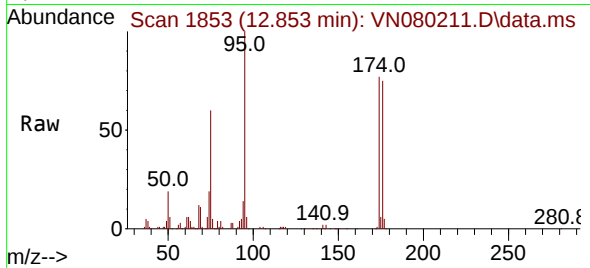




#62
4-Bromofluorobenzene
Concen: 52.839 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080211.D
Acq: 20 Nov 2023 16:35

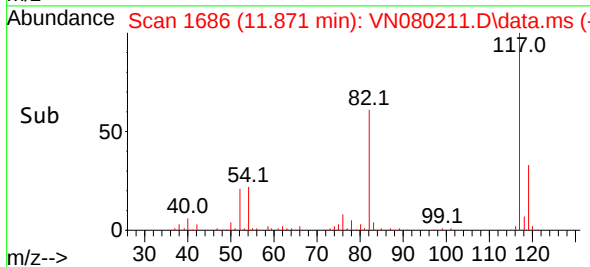
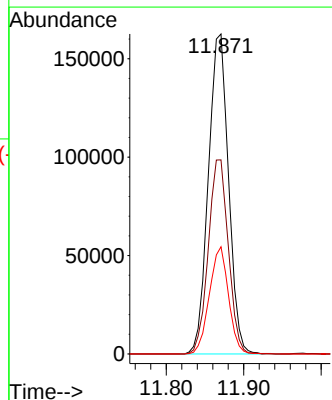
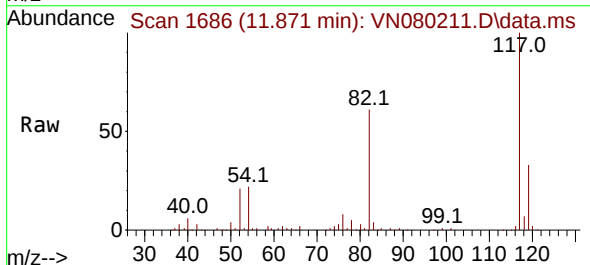
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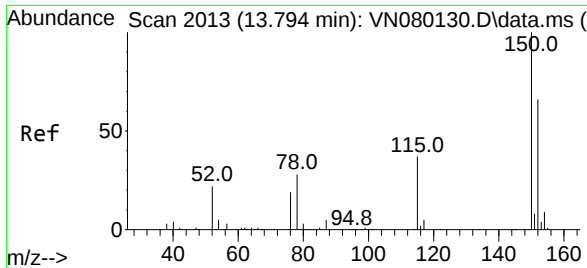
Tgt Ion: 95 Resp: 139042
Ion Ratio Lower Upper
95 100
174 79.8 0.0 143.8
176 72.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080211.D
Acq: 20 Nov 2023 16:35

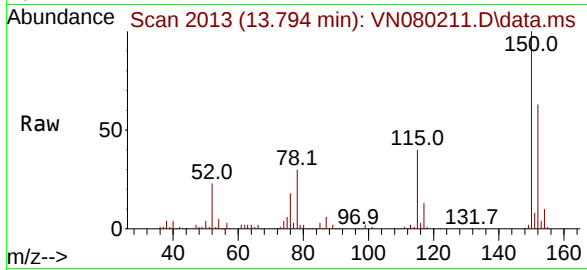
Tgt Ion: 117 Resp: 293654
Ion Ratio Lower Upper
117 100
82 60.7 44.0 66.0
119 33.5 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN080211.D
 Acq: 20 Nov 2023 16:35

Instrument :
 MSVOA_N
 ClientSampleId :
 PB157250ZHE#05



Tgt Ion:152 Resp: 124134
 Ion Ratio Lower Upper
 152 100
 115 64.1 32.3 96.8
 150 157.3 0.0 355.8

