

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112023\
 Data File : VN080205.D
 Acq On : 20 Nov 2023 14:12
 Operator : JC\MD
 Sample : PB157260TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB157260TB

Quant Time: Nov 21 01:04:38 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)

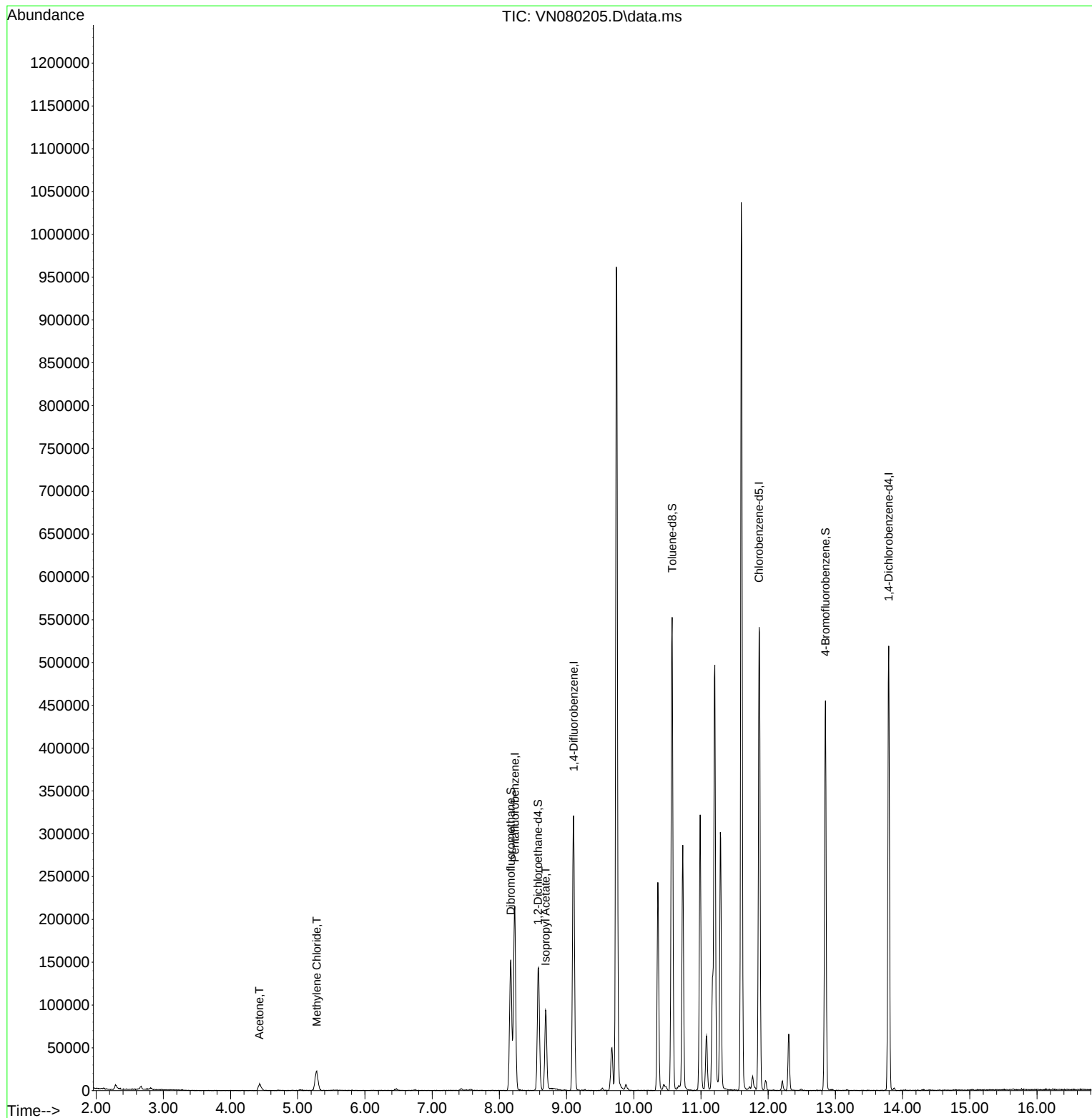
Internal Standards						
1) Pentafluorobenzene	8.230	168	145793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	271421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	309825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	133073	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	135105	56.124	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 112.240%		
35) Dibromofluoromethane	8.171	113	104930	52.394	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.780%		
50) Toluene-d8	10.571	98	380863	52.755	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 105.520%		
62) 4-Bromofluorobenzene	12.853	95	153038	56.122	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 112.240%		
Target Compounds						Qvalue
16) Acetone	4.430	43	14774	18.272	ug/l	99
20) Methylene Chloride	5.283	84	19703	11.636	ug/l	92
43) Isopropyl Acetate	8.688	43	101792	26.008	ug/l #	87

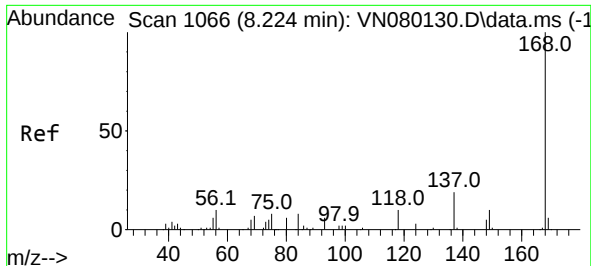
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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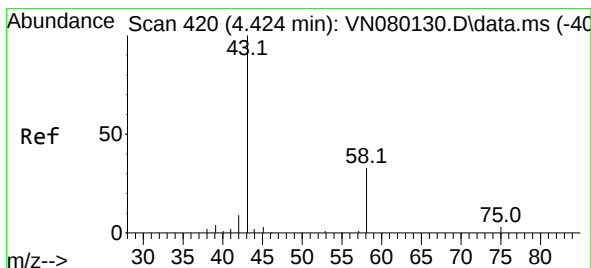
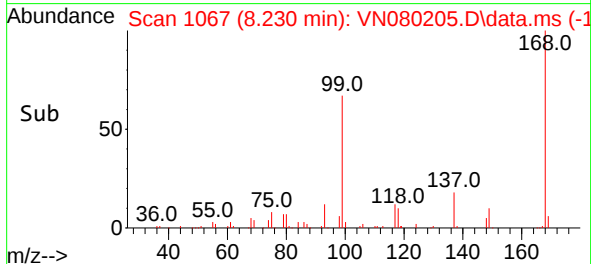
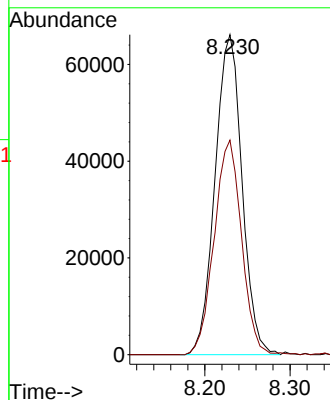
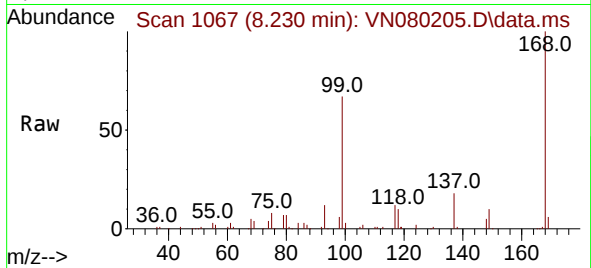




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080205.D
Acq: 20 Nov 2023 14:12

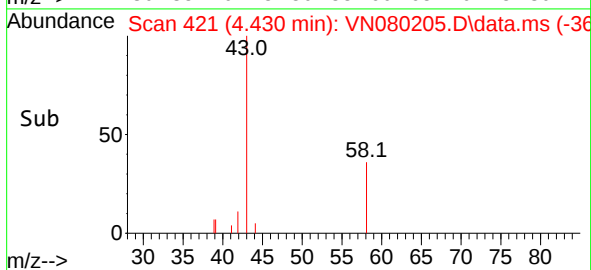
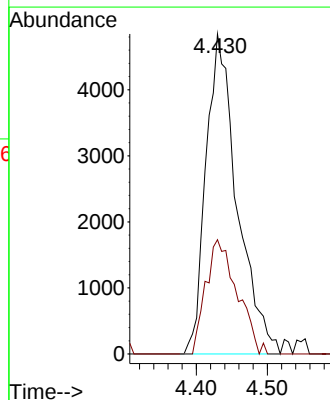
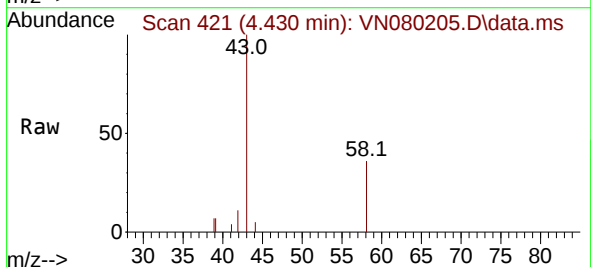
Instrument :
MSVOA_N
ClientSampleId :
PB157260TB

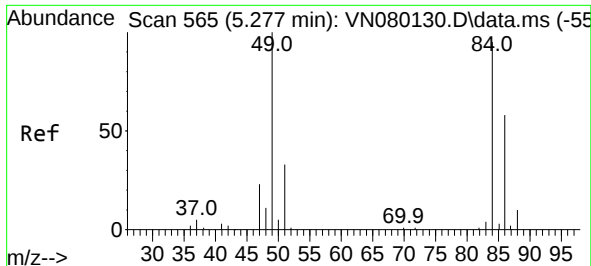
Tgt Ion:168 Resp: 145793
Ion Ratio Lower Upper
168 100
99 67.0 53.0 79.6



#16
Acetone
Concen: 18.272 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080205.D
Acq: 20 Nov 2023 14:12

Tgt Ion: 43 Resp: 14774
Ion Ratio Lower Upper
43 100
58 35.7 28.0 42.0

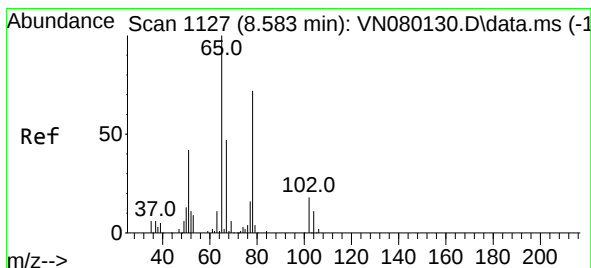
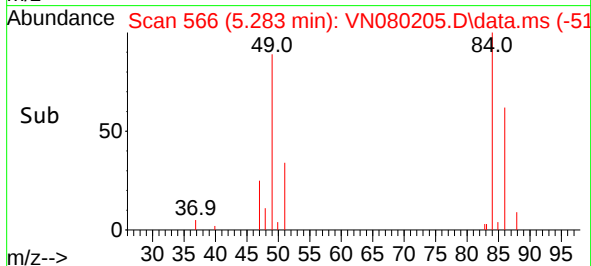
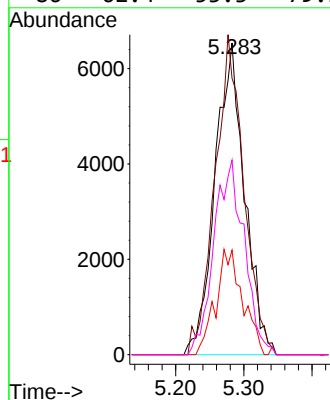
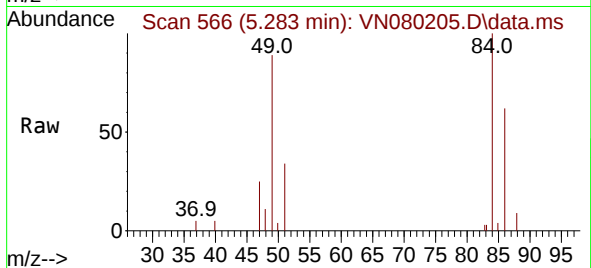




#20
Methylene Chloride
Concen: 11.636 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080205.D
Acq: 20 Nov 2023 14:12

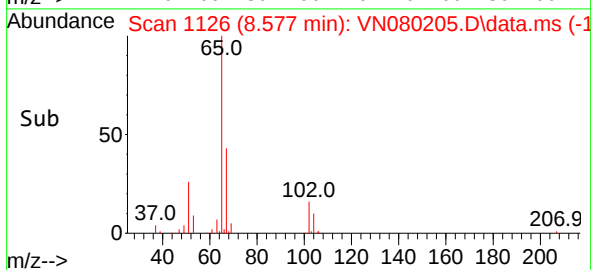
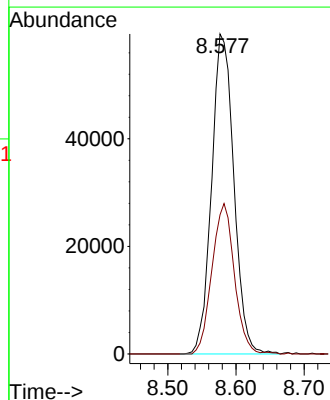
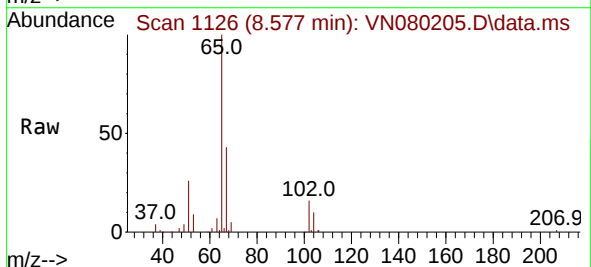
Instrument :
MSVOA_N
ClientSampleId :
PB157260TB

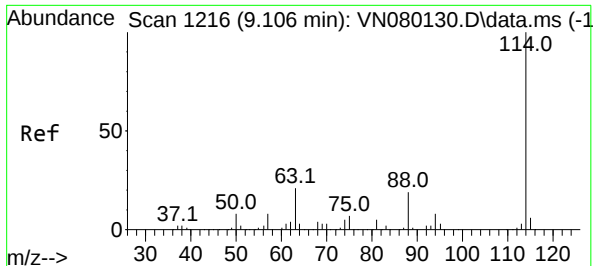
Tgt Ion:	84	Resp:	19703
Ion	Ratio	Lower	Upper
84	100		
49	88.6	79.7	119.5
51	33.5	25.2	37.8
86	62.4	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 56.124 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080205.D
Acq: 20 Nov 2023 14:12

Tgt Ion:	65	Resp:	135105
Ion	Ratio	Lower	Upper
65	100		
67	47.4	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080205.D

Acq: 20 Nov 2023 14:12

Instrument :

MSVOA_N

ClientSampleId :

PB157260TB

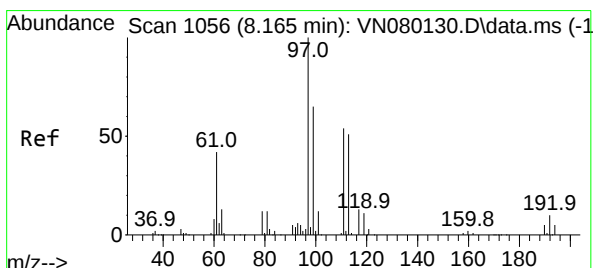
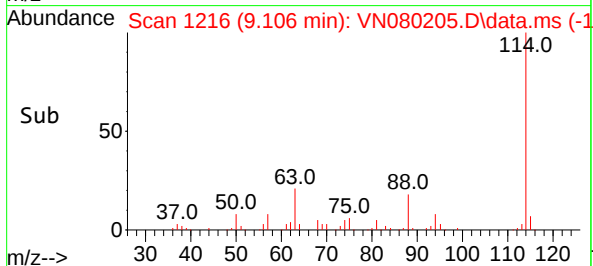
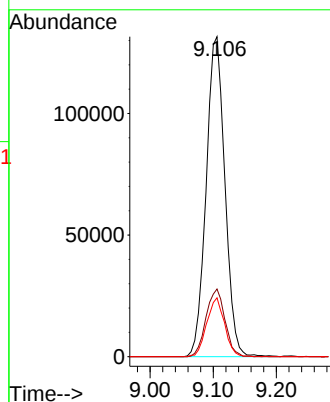
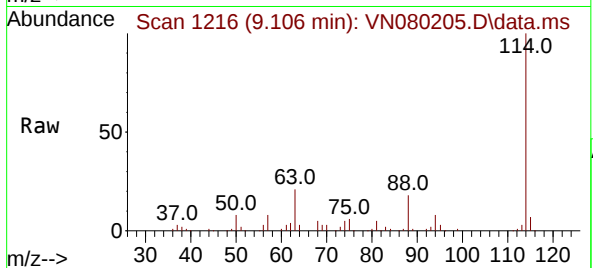
Tgt Ion:114 Resp: 271421

Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.4

88 18.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.394 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080205.D

Acq: 20 Nov 2023 14:12

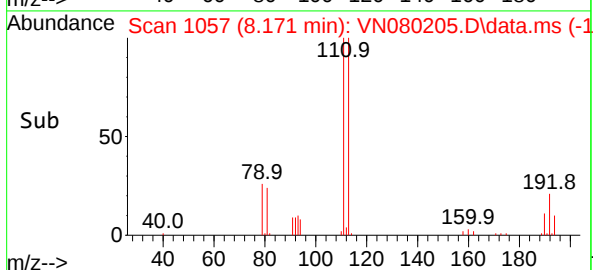
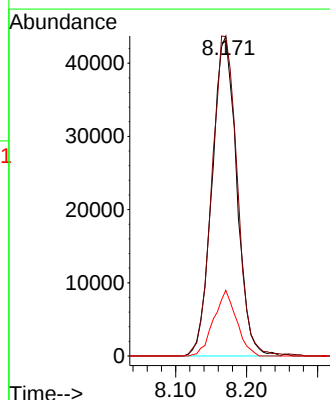
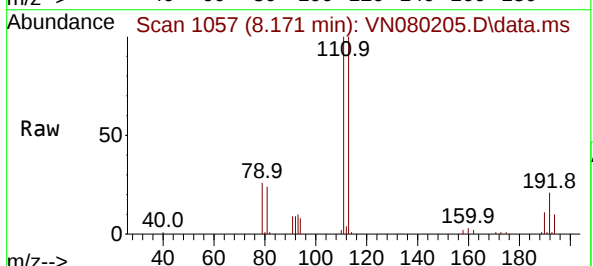
Tgt Ion:113 Resp: 104930

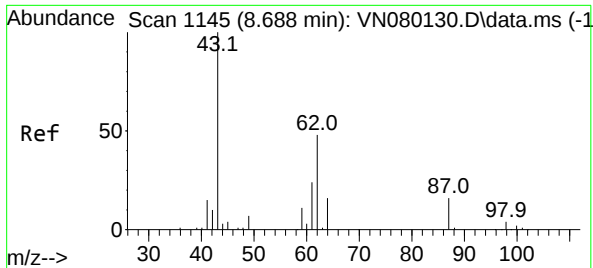
Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

192 19.1 12.7 19.1

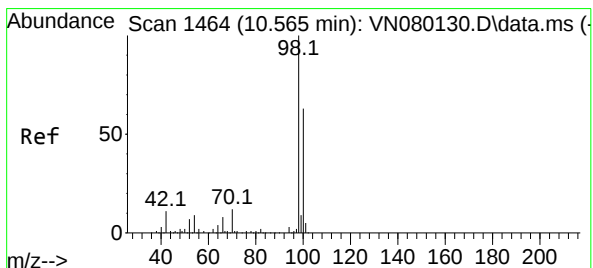
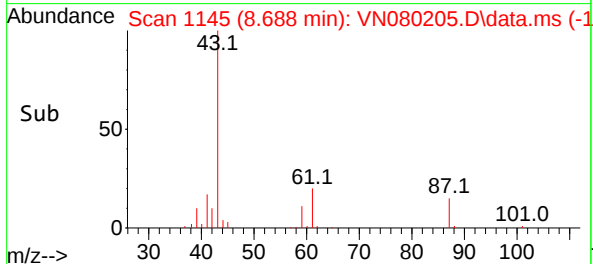
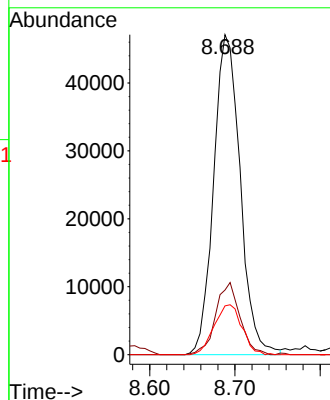
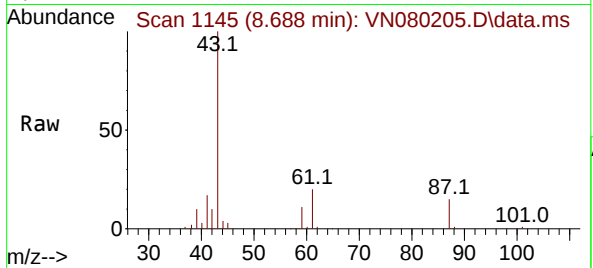




#43
Isopropyl Acetate
Concen: 26.008 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080205.D
Acq: 20 Nov 2023 14:12

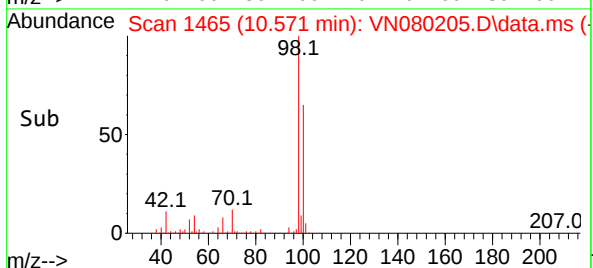
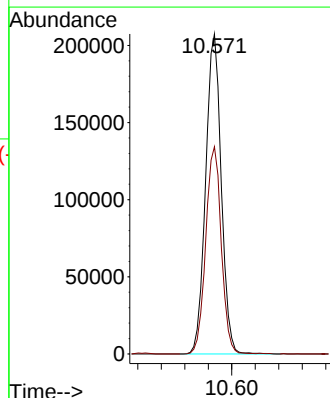
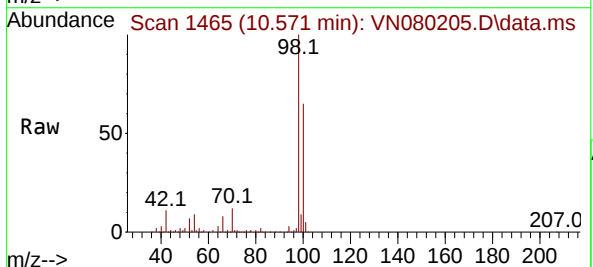
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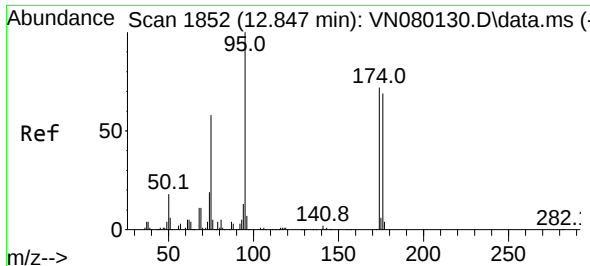
Tgt Ion: 43 Resp: 101792
Ion Ratio Lower Upper
43 100
61 20.7 24.7 37.1#
87 16.4 14.6 21.8



#50
Toluene-d8
Concen: 52.755 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080205.D
Acq: 20 Nov 2023 14:12

Tgt Ion: 98 Resp: 380863
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

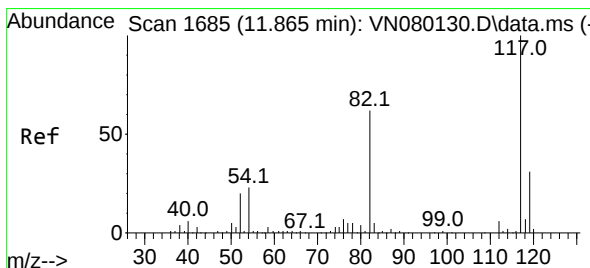
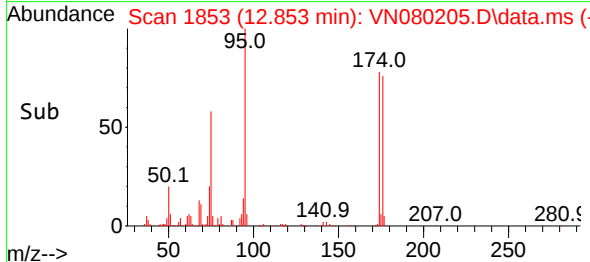
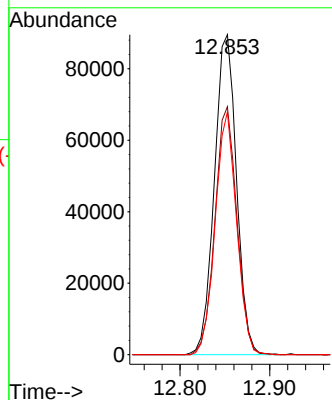
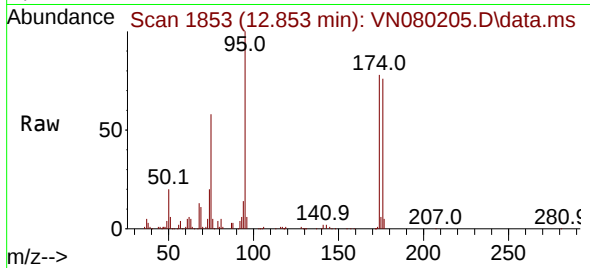




#62
4-Bromofluorobenzene
Concen: 56.122 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080205.D
Acq: 20 Nov 2023 14:12

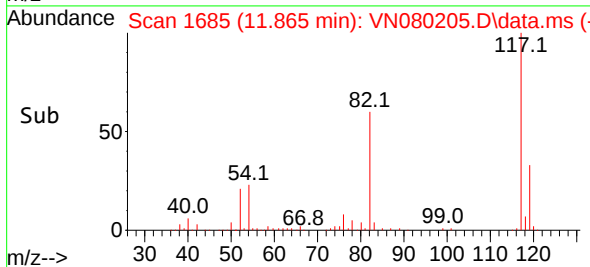
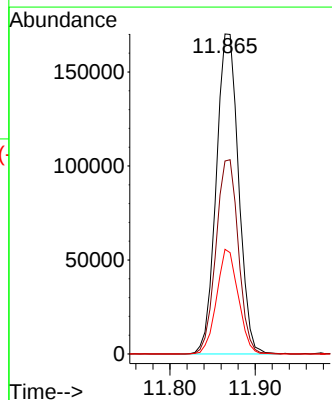
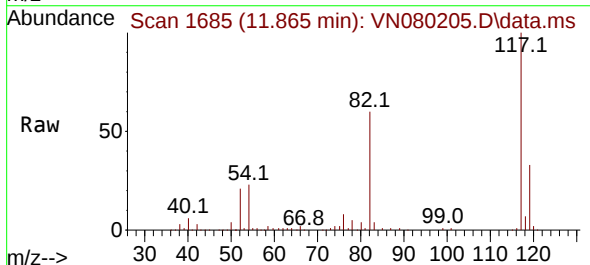
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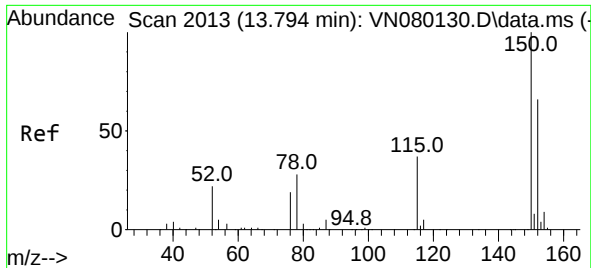
Tgt Ion: 95 Resp: 153038
Ion Ratio Lower Upper
95 100
174 77.0 0.0 143.8
176 73.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080205.D
Acq: 20 Nov 2023 14:12

Tgt Ion: 117 Resp: 309825
Ion Ratio Lower Upper
117 100
82 60.3 44.0 66.0
119 32.7 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: VN080205.D
 Acq: 20 Nov 2023 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 PB157260TB

Tgt Ion:152 Resp: 133073
 Ion Ratio Lower Upper
 152 100
 115 66.0 32.3 96.8
 150 160.6 0.0 355.8

