

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112023\
 Data File : VN080209.D
 Acq On : 20 Nov 2023 15:48
 Operator : JC\MD
 Sample : PB157250ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB157250ZHE#03

Quant Time: Nov 21 01:06:28 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)

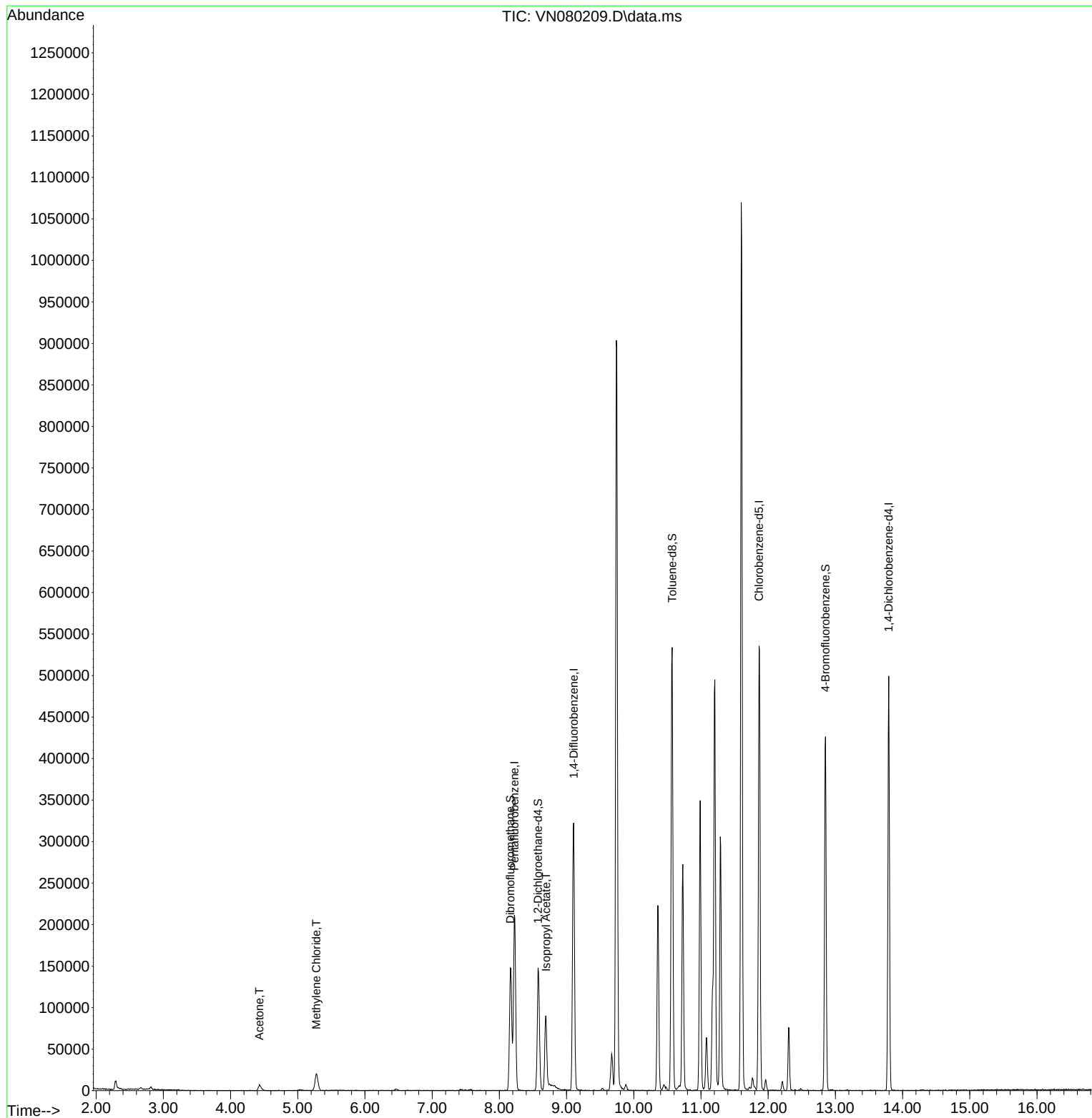
Internal Standards						
1) Pentafluorobenzene	8.224	168	144198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	264877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	298295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	138161	58.028	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.060%
35) Dibromofluoromethane	8.165	113	102332	52.359	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.720%
50) Toluene-d8	10.571	98	372092	52.814	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.620%
62) 4-Bromofluorobenzene	12.853	95	145132	54.537	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.080%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	12589	15.742	ug/l	97
20) Methylene Chloride	5.277	84	17129	10.228	ug/l	89
43) Isopropyl Acetate	8.694	43	99526	26.058	ug/l #	86

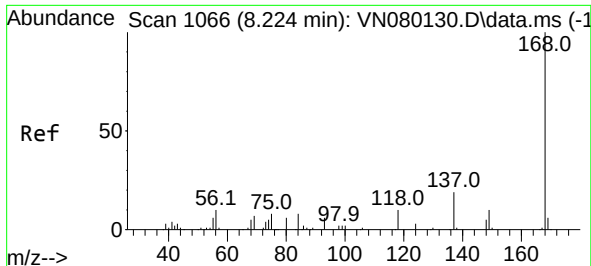
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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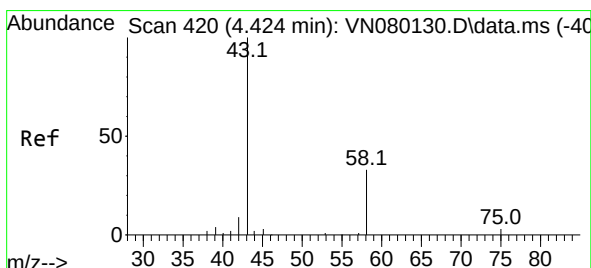
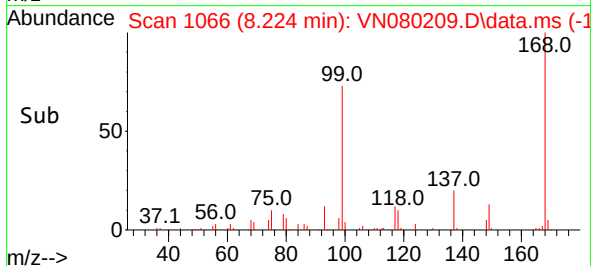
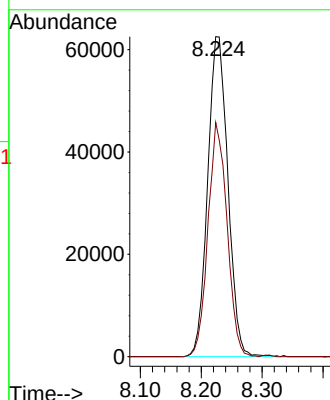
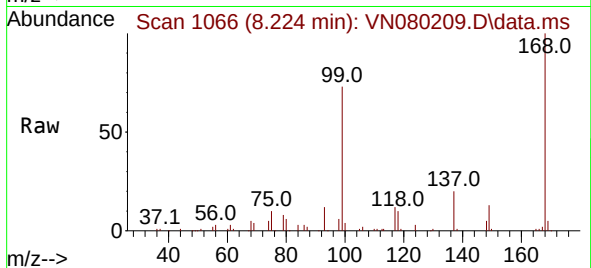




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080209.D
Acq: 20 Nov 2023 15:48

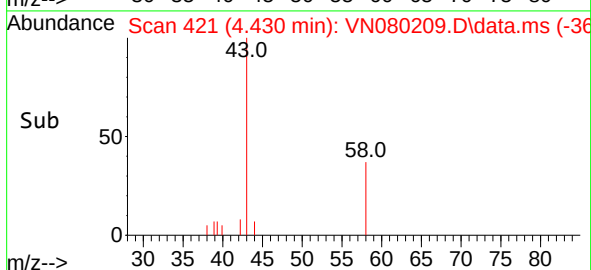
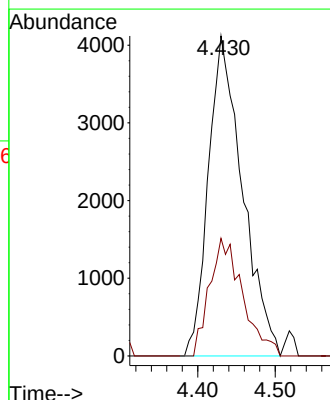
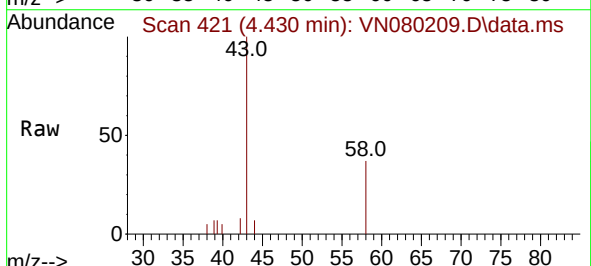
Instrument :
MSVOA_N
ClientSampleId :
PB157250ZHE#03

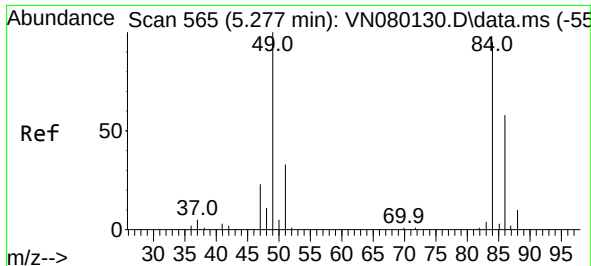
Tgt Ion:168 Resp: 144198
Ion Ratio Lower Upper
168 100
99 73.2 53.0 79.6



#16
Acetone
Concen: 15.742 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080209.D
Acq: 20 Nov 2023 15:48

Tgt Ion: 43 Resp: 12589
Ion Ratio Lower Upper
43 100
58 36.8 28.0 42.0

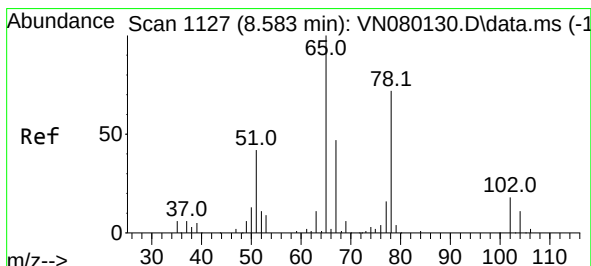
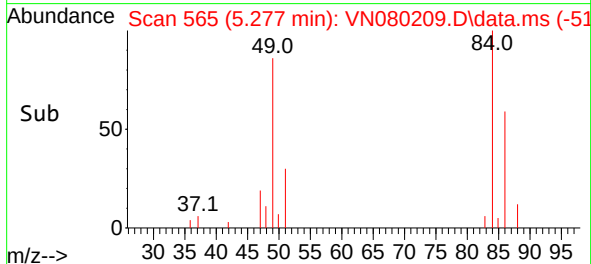
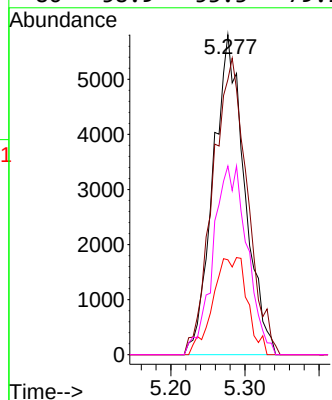
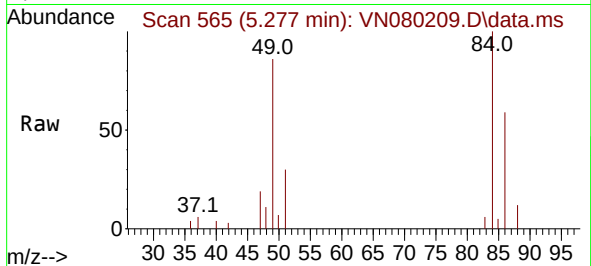




#20
Methylene Chloride
Concen: 10.228 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080209.D
Acq: 20 Nov 2023 15:48

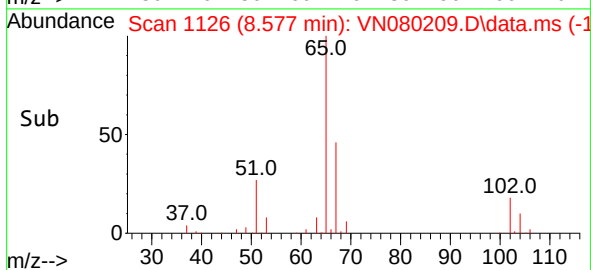
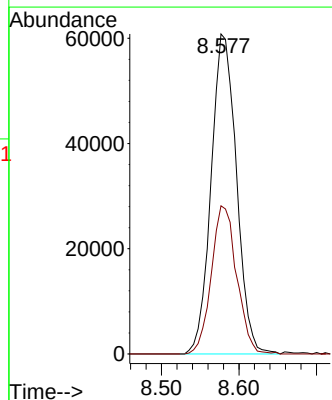
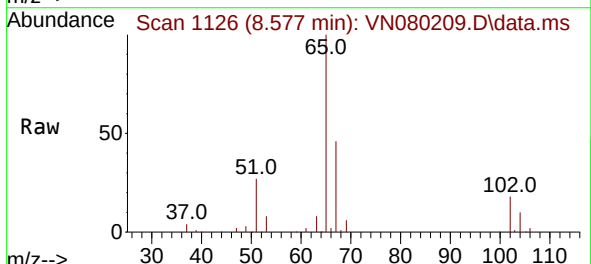
Instrument :
MSVOA_N
ClientSampleId :
PB157250ZHE#03

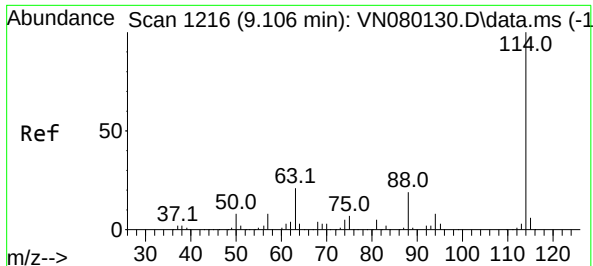
Tgt Ion:	84	Resp:	17129
Ion	Ratio	Lower	Upper
84	100		
49	86.0	79.7	119.5
51	29.7	25.2	37.8
86	58.9	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 58.028 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080209.D
Acq: 20 Nov 2023 15:48

Tgt Ion:	65	Resp:	138161
Ion	Ratio	Lower	Upper
65	100		
67	46.3	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: VN080209.D

Acq: 20 Nov 2023 15:48

Instrument :

MSVOA_N

ClientSampleId :

PB157250ZHE#03

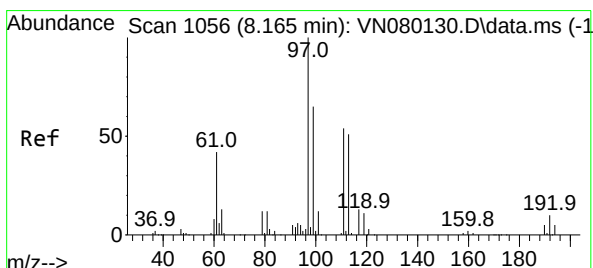
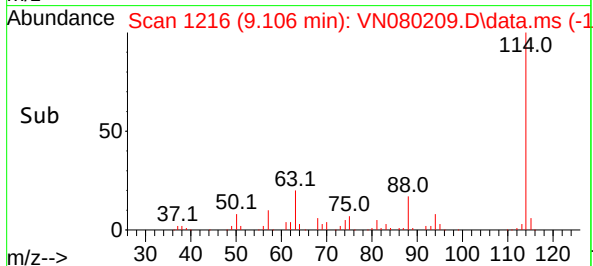
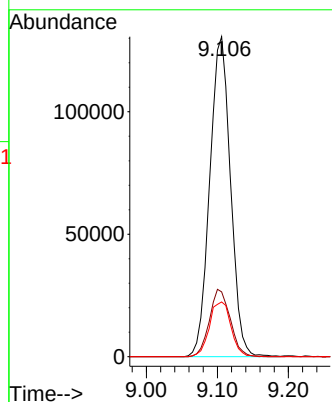
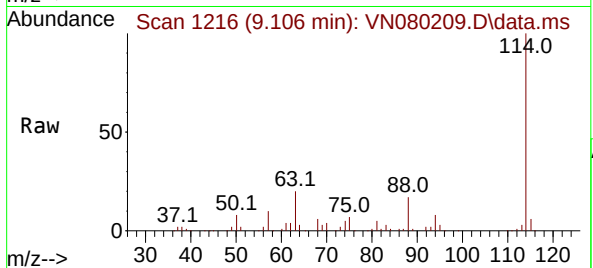
Tgt Ion:114 Resp: 264877

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 17.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.359 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080209.D

Acq: 20 Nov 2023 15:48

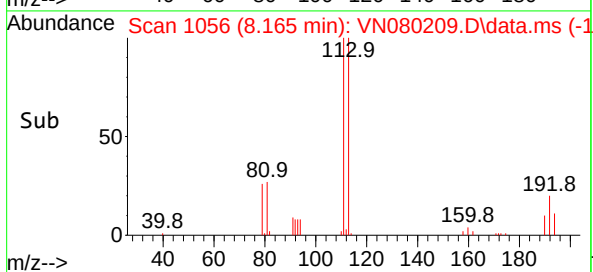
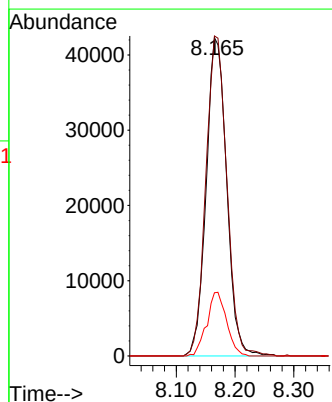
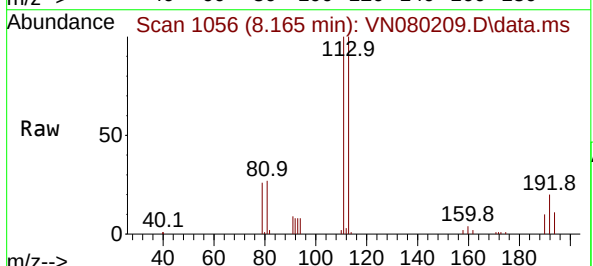
Tgt Ion:113 Resp: 102332

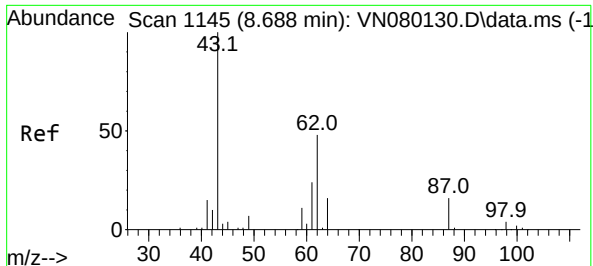
Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

192 19.4 12.7 19.1#





#43

Isopropyl Acetate

Concen: 26.058 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN080209.D

Acq: 20 Nov 2023 15:48

Instrument :

MSVOA_N

ClientSampleId :

PB157250ZHE#03

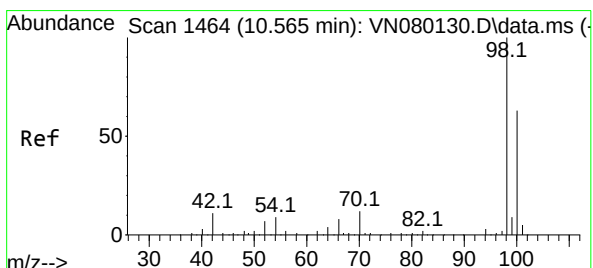
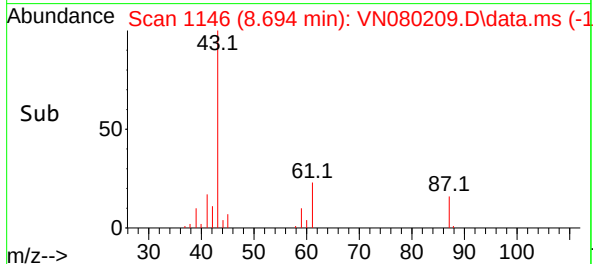
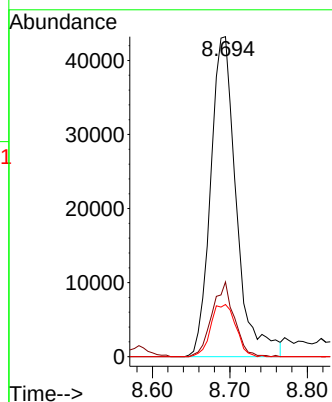
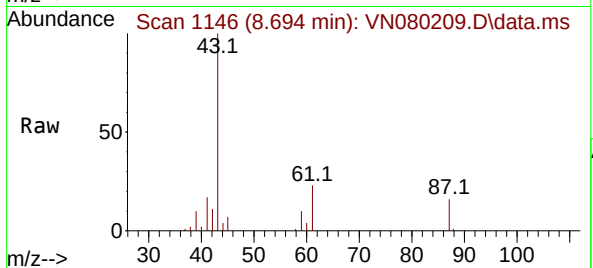
Tgt Ion: 43 Resp: 99526

Ion Ratio Lower Upper

43 100

61 20.2 24.7 37.1#

87 15.9 14.6 21.8



#50

Toluene-d8

Concen: 52.814 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080209.D

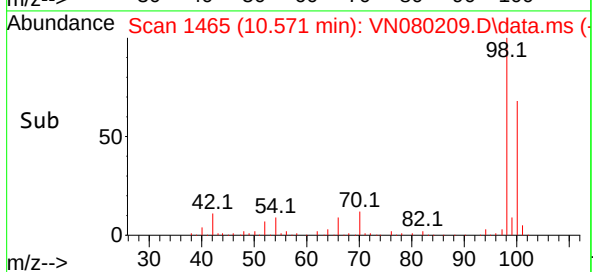
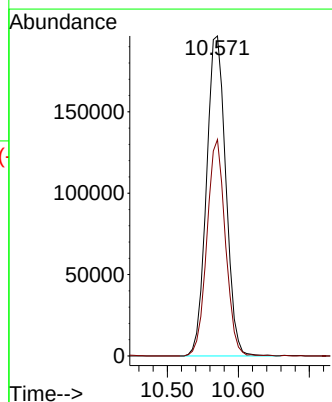
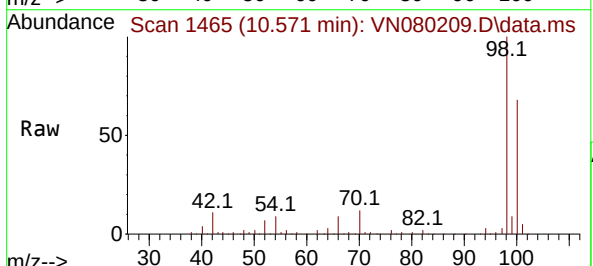
Acq: 20 Nov 2023 15:48

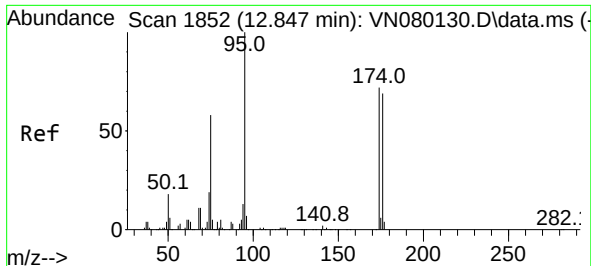
Tgt Ion: 98 Resp: 372092

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0

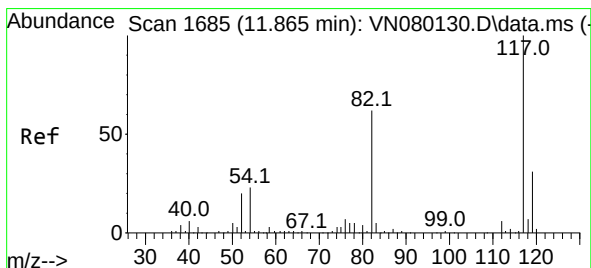
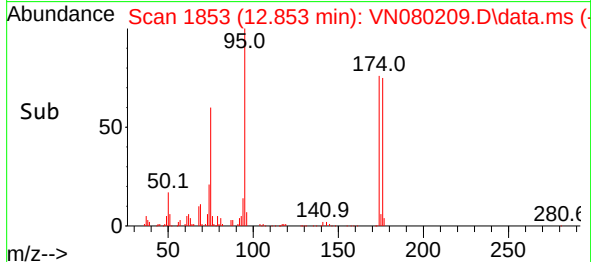
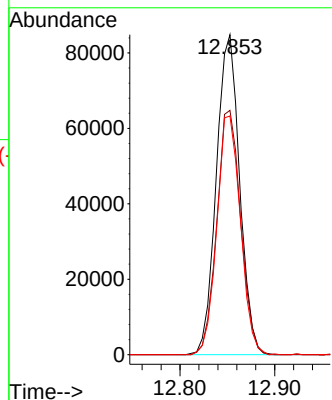
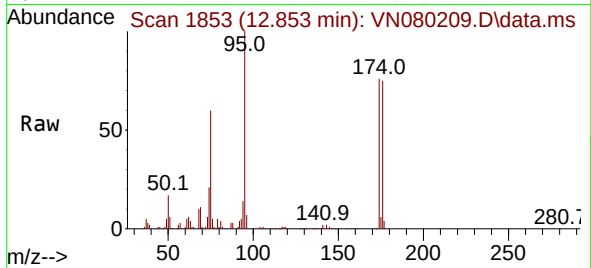




#62
4-Bromofluorobenzene
Concen: 54.537 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080209.D
Acq: 20 Nov 2023 15:48

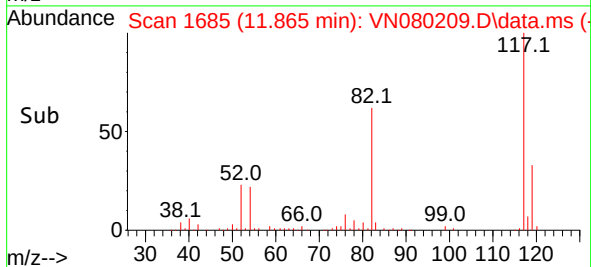
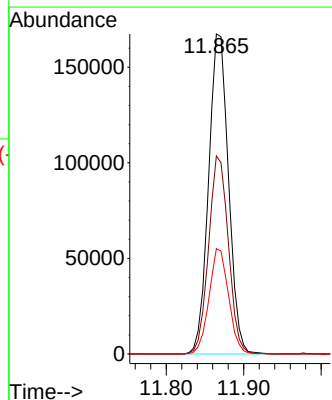
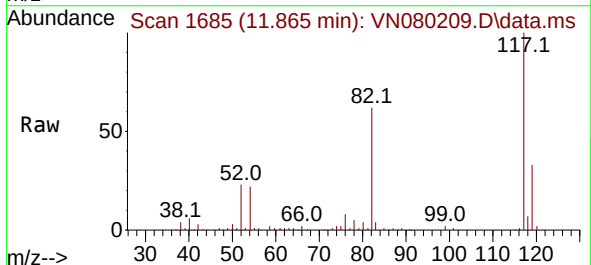
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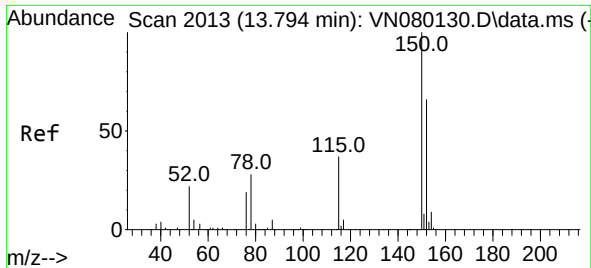
Tgt Ion: 95 Resp: 145132
Ion Ratio Lower Upper
95 100
174 78.2 0.0 143.8
176 75.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080209.D
Acq: 20 Nov 2023 15:48

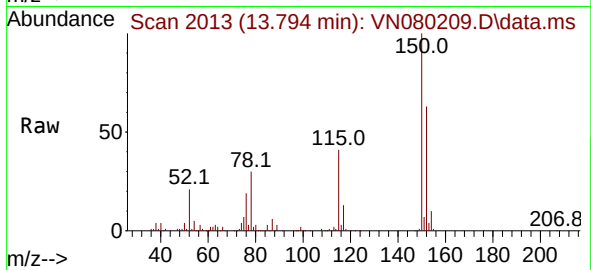
Tgt Ion: 117 Resp: 298295
Ion Ratio Lower Upper
117 100
82 61.9 44.0 66.0
119 32.9 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN080209.D
 Acq: 20 Nov 2023 15:48

Instrument :
 MSVOA_N
 ClientSampleId :
 PB157250ZHE#03



Tgt Ion:152 Resp: 125354
 Ion Ratio Lower Upper
 152 100
 115 66.6 32.3 96.8
 150 159.6 0.0 355.8

