

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112023\
 Data File : VN080214.D
 Acq On : 20 Nov 2023 17:46
 Operator : JC\MD
 Sample : PB157250ZHE#08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB157250ZHE#08

Quant Time: Nov 21 01:08:47 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)

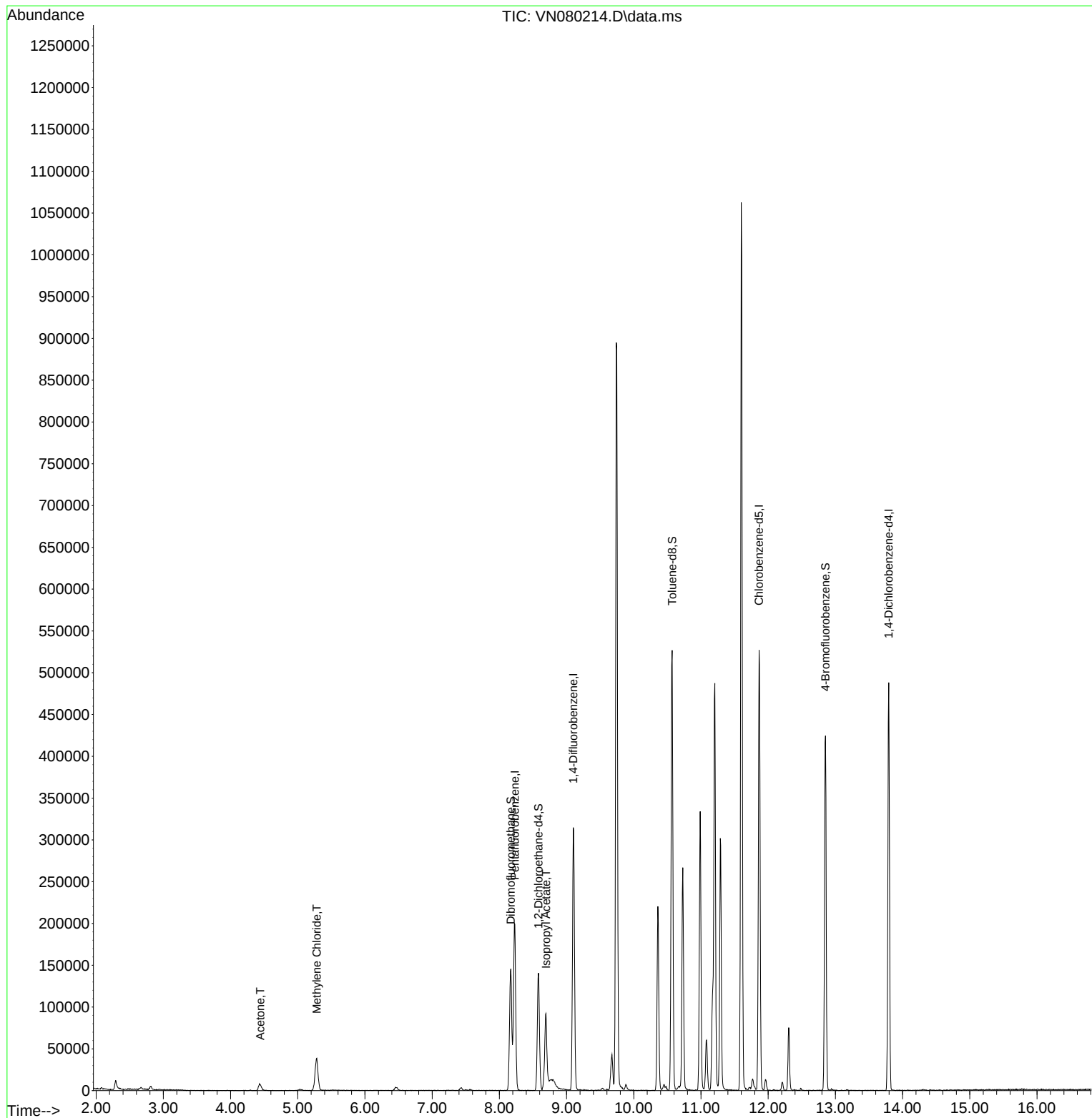
Internal Standards						
1) Pentafluorobenzene	8.230	168	137476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	263277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	296377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	132085	58.189	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.380%
35) Dibromofluoromethane	8.171	113	99202	51.066	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.140%
50) Toluene-d8	10.571	98	361796	51.664	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.320%
62) 4-Bromofluorobenzene	12.853	95	145142	54.872	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.740%
Target Compounds						
						Qvalue
16) Acetone	4.442	43	16020	21.012	ug/l #	82
20) Methylene Chloride	5.283	84	31778	19.903	ug/l	93
43) Isopropyl Acetate	8.694	43	107012	28.188	ug/l #	81

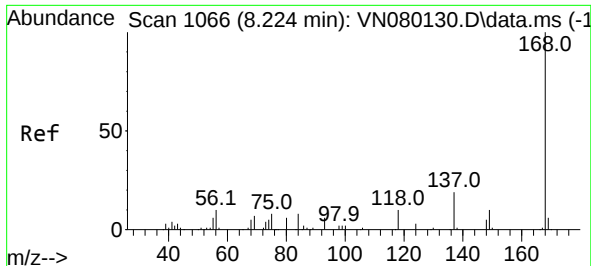
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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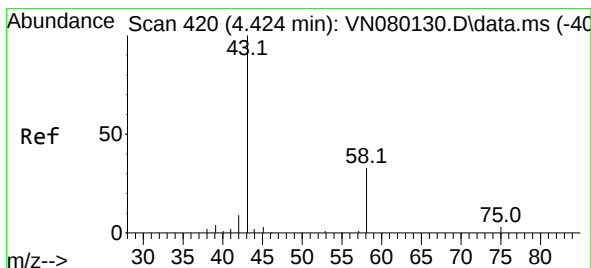
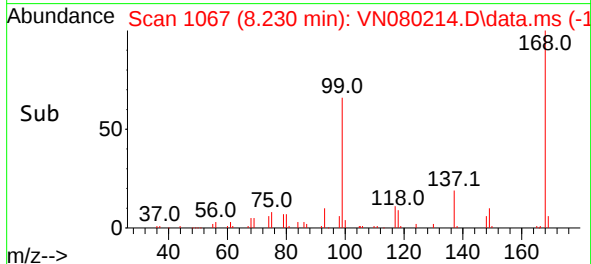
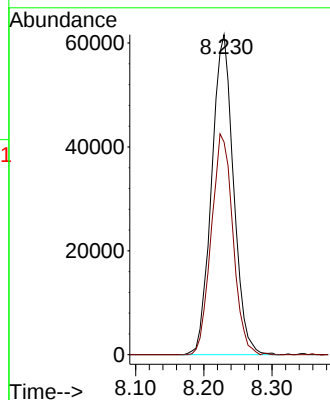
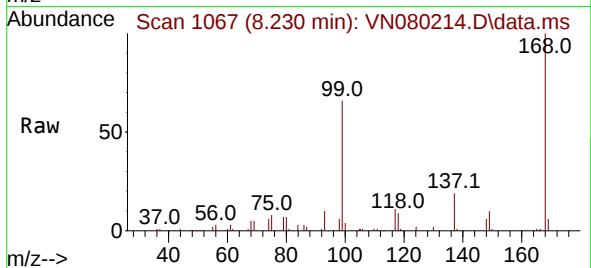




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080214.D
Acq: 20 Nov 2023 17:46

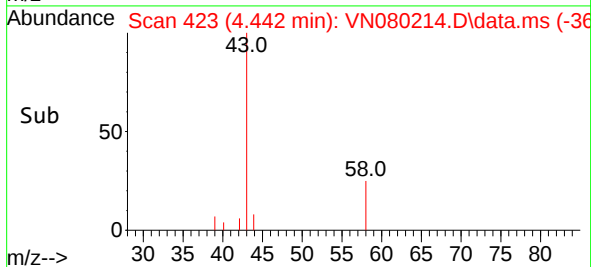
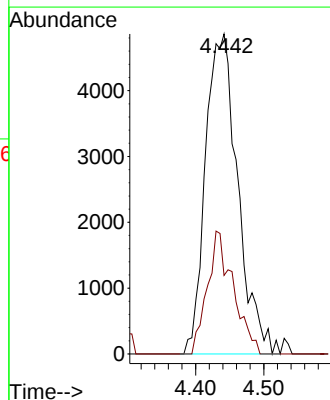
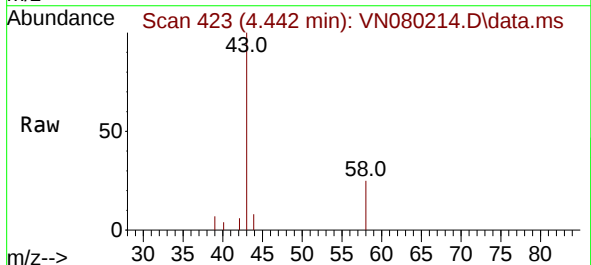
Instrument :
MSVOA_N
ClientSampleId :
PB157250ZHE#08

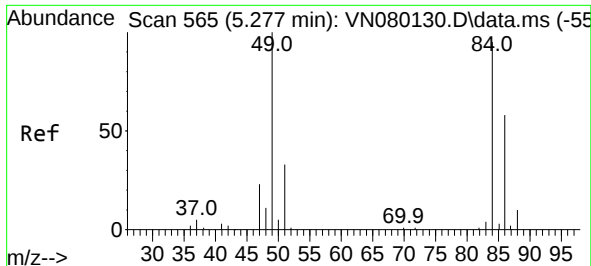
Tgt Ion:168 Resp: 137476
Ion Ratio Lower Upper
168 100
99 66.5 53.0 79.6



#16
Acetone
Concen: 21.012 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN080214.D
Acq: 20 Nov 2023 17:46

Tgt Ion: 43 Resp: 16020
Ion Ratio Lower Upper
43 100
58 24.6 28.0 42.0#

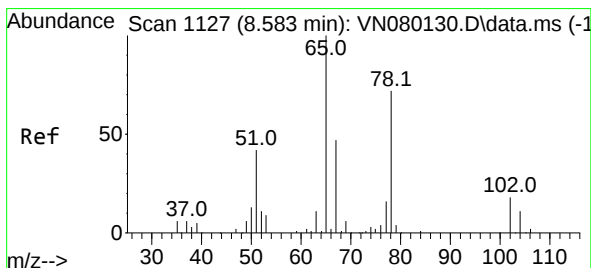
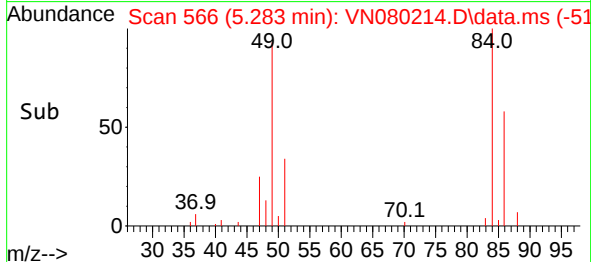
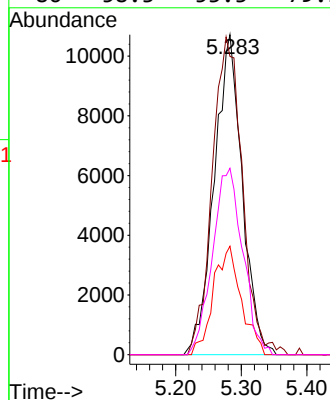
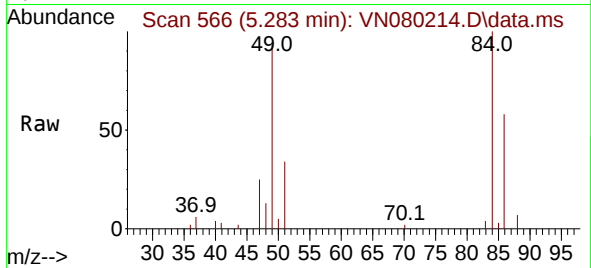




#20
Methylene Chloride
Concen: 19.903 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080214.D
Acq: 20 Nov 2023 17:46

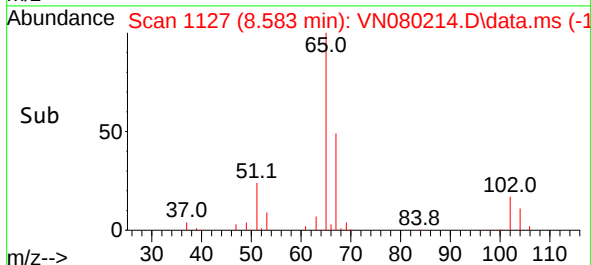
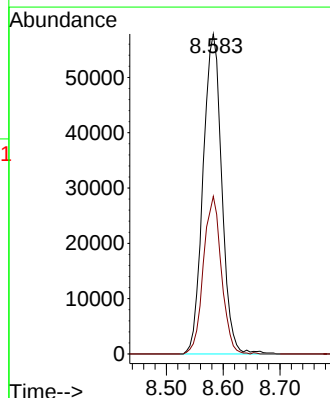
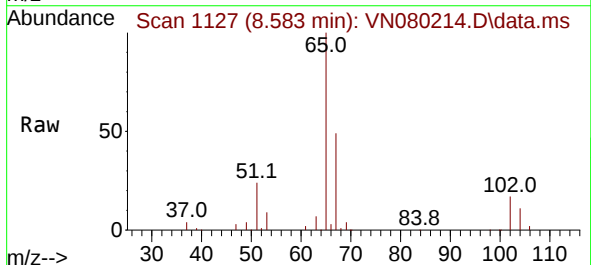
Instrument :
MSVOA_N
ClientSampleId :
PB157250ZHE#08

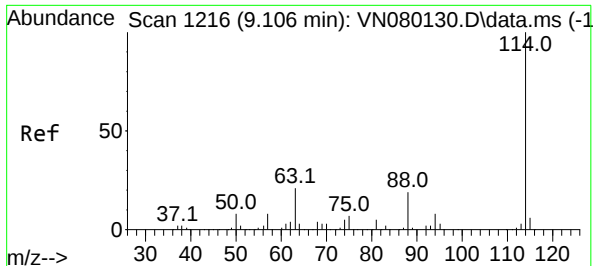
Tgt Ion: 84	Resp: 31778
Ion Ratio	Lower Upper
84 100	
49 93.2	79.7 119.5
51 33.9	25.2 37.8
86 58.3	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 58.189 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080214.D
Acq: 20 Nov 2023 17:46

Tgt Ion: 65	Resp: 132085
Ion Ratio	Lower Upper
65 100	
67 47.2	0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080214.D

Acq: 20 Nov 2023 17:46

Instrument :

MSVOA_N

ClientSampleId :

PB157250ZHE#08

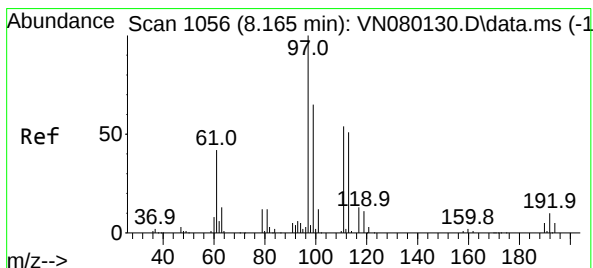
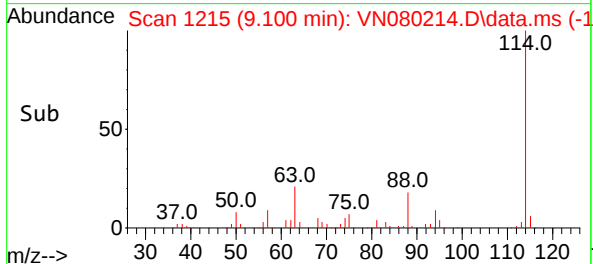
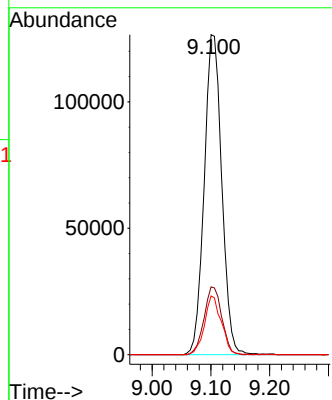
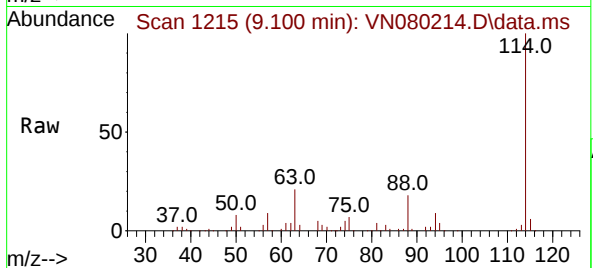
Tgt Ion:114 Resp: 263277

Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.4

88 18.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.066 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080214.D

Acq: 20 Nov 2023 17:46

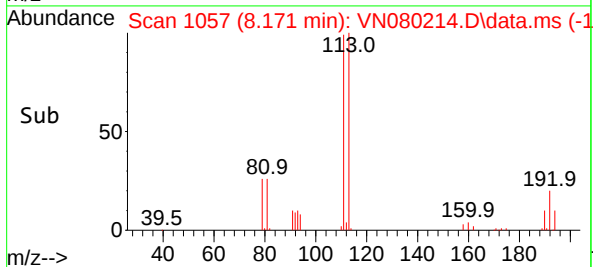
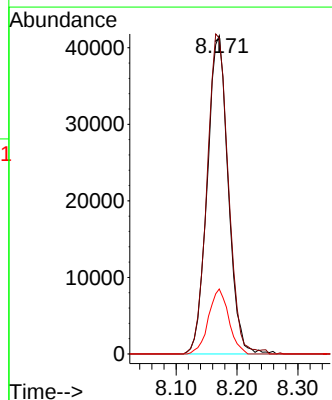
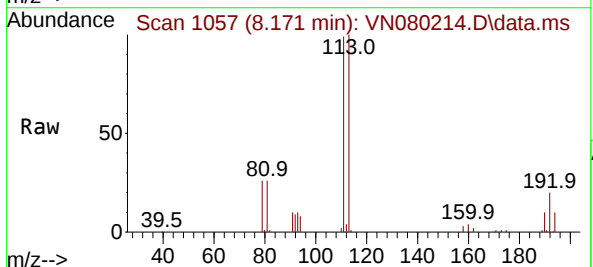
Tgt Ion:113 Resp: 99202

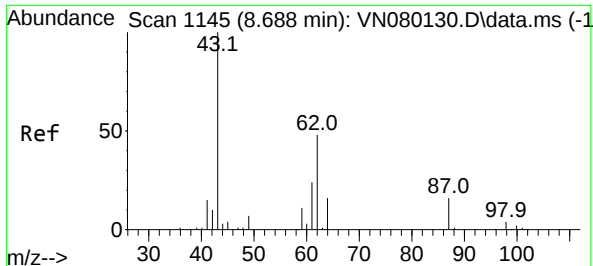
Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

192 19.8 12.7 19.1#





#43

Isopropyl Acetate

Concen: 28.188 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN080214.D

Acq: 20 Nov 2023 17:46

Instrument :

MSVOA_N

ClientSampleId :

PB157250ZHE#08

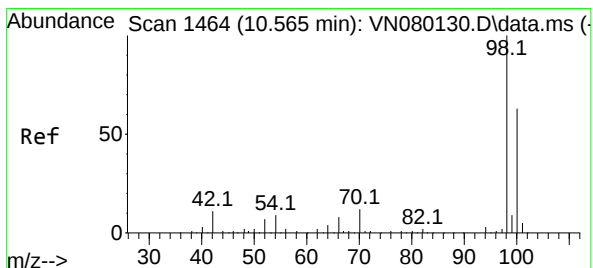
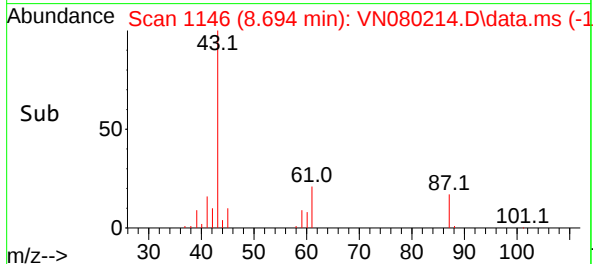
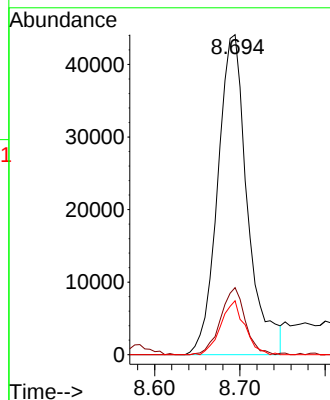
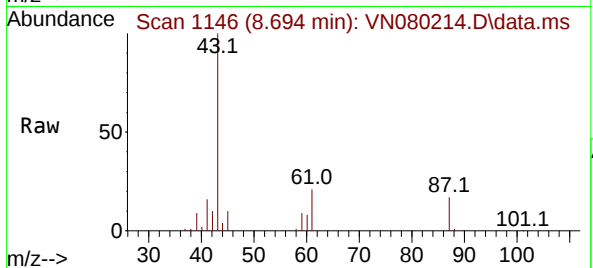
Tgt Ion: 43 Resp: 107012

Ion Ratio Lower Upper

43 100

61 17.3 24.7 37.1#

87 13.6 14.6 21.8#



#50

Toluene-d8

Concen: 51.664 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080214.D

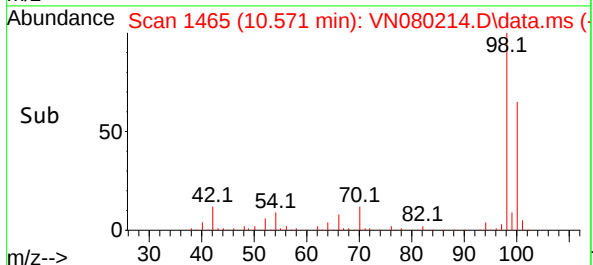
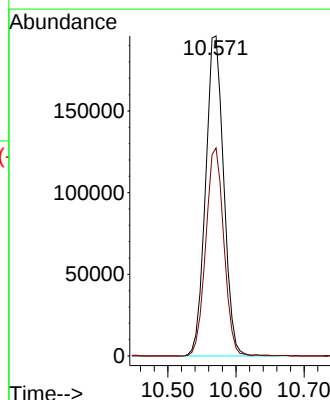
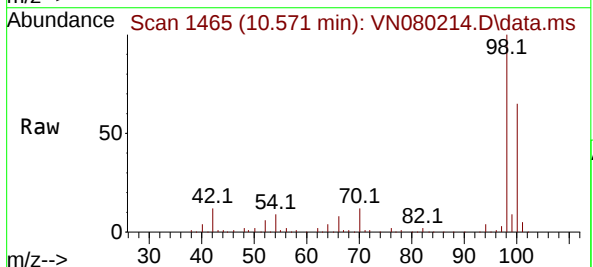
Acq: 20 Nov 2023 17:46

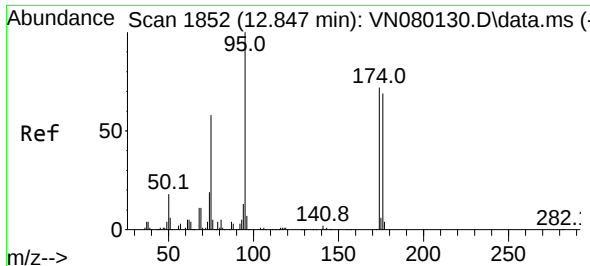
Tgt Ion: 98 Resp: 361796

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0

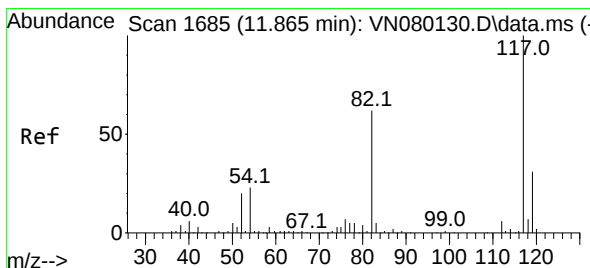
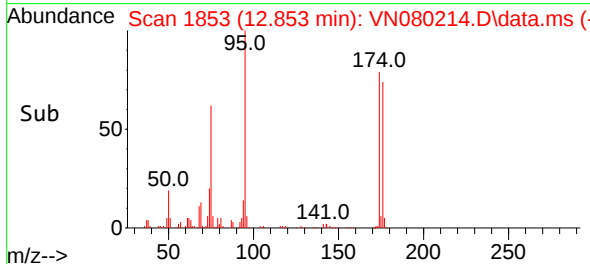
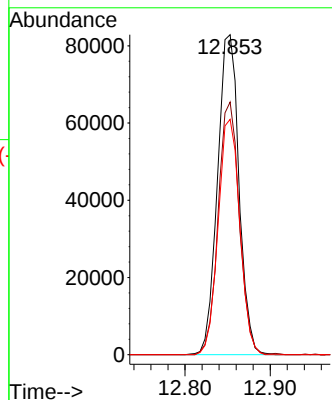
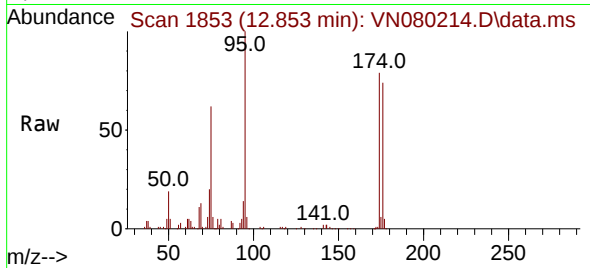




#62
4-Bromofluorobenzene
Concen: 54.872 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080214.D
Acq: 20 Nov 2023 17:46

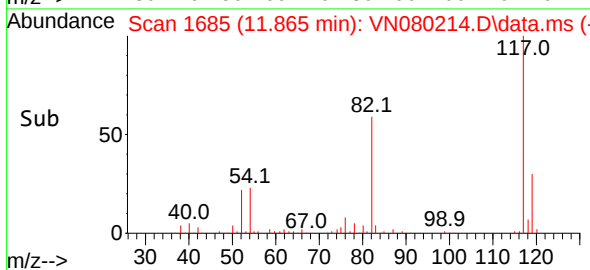
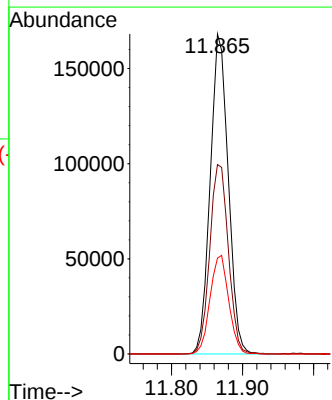
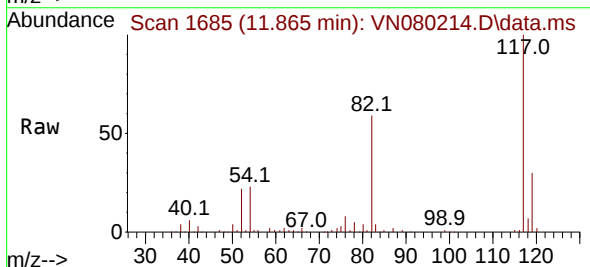
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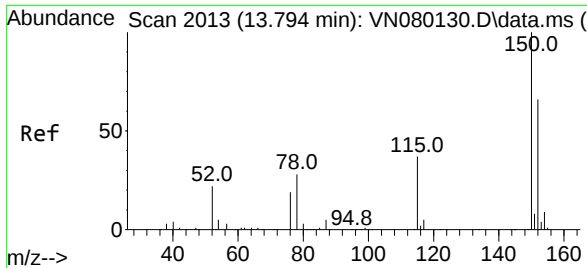
Tgt Ion: 95 Resp: 145142
Ion Ratio Lower Upper
95 100
174 77.6 0.0 143.8
176 74.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080214.D
Acq: 20 Nov 2023 17:46

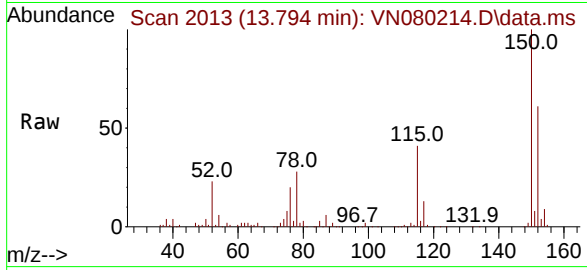
Tgt Ion: 117 Resp: 296377
Ion Ratio Lower Upper
117 100
82 59.2 44.0 66.0
119 30.0 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN080214.D
 Acq: 20 Nov 2023 17:46

Instrument :
 MSVOA_N
 ClientSampleId :
 PB157250ZHE#08



Tgt Ion:152 Resp: 125942
 Ion Ratio Lower Upper
 152 100
 115 67.0 32.3 96.8
 150 159.6 0.0 355.8

