

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112023\
 Data File : VN080210.D
 Acq On : 20 Nov 2023 16:11
 Operator : JC\MD
 Sample : PB157250ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB157250ZHE#04

Quant Time: Nov 21 01:06:56 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)

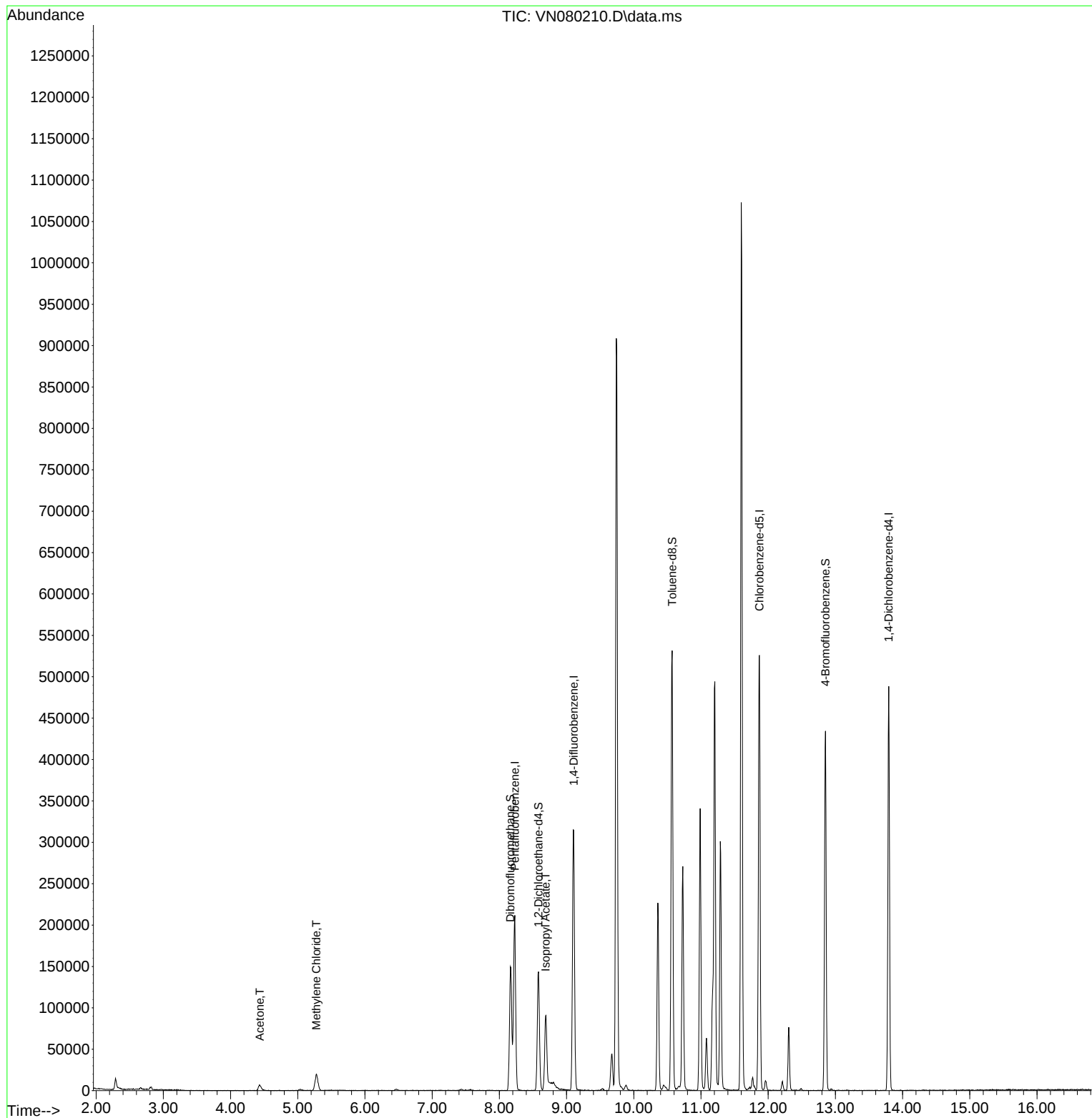
Internal Standards						
1) Pentafluorobenzene	8.229	168	140235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	265007	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	297511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	126168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	134828	58.228	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 116.460%		
35) Dibromofluoromethane	8.165	113	100883	51.592	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.180%		
50) Toluene-d8	10.570	98	368453	52.271	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 104.540%		
62) 4-Bromofluorobenzene	12.853	95	147166	55.274	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 110.540%		
Target Compounds						
						Qvalue
16) Acetone	4.436	43	14478	18.616	ug/l #	78
20) Methylene Chloride	5.277	84	16356	10.043	ug/l #	90
43) Isopropyl Acetate	8.688	43	103425	27.065	ug/l #	85

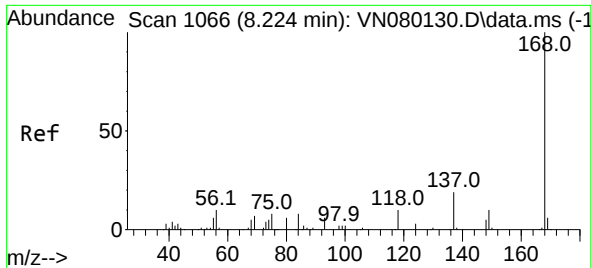
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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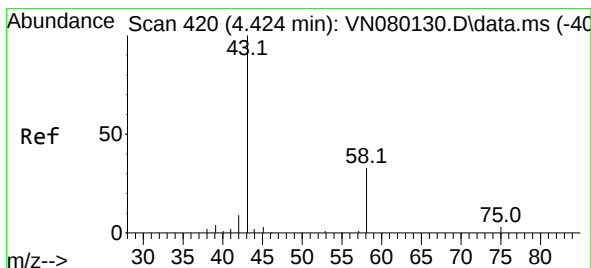
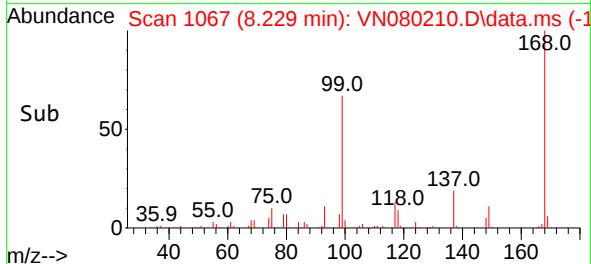
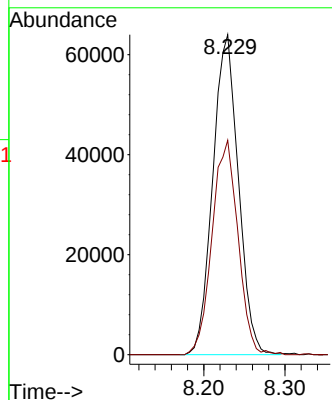
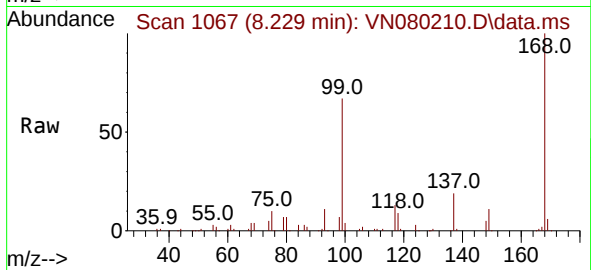




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN080210.D
Acq: 20 Nov 2023 16:11

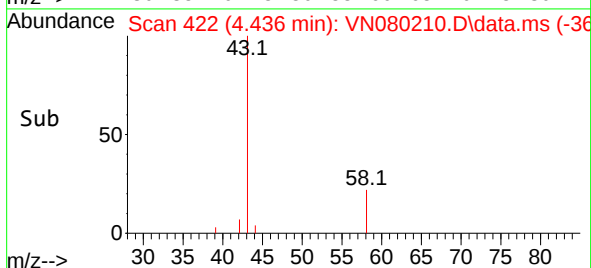
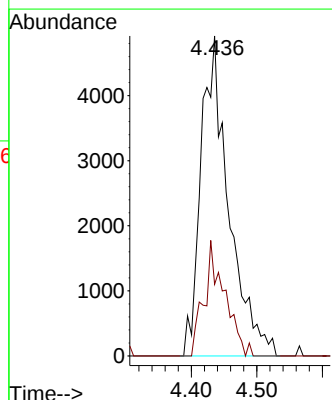
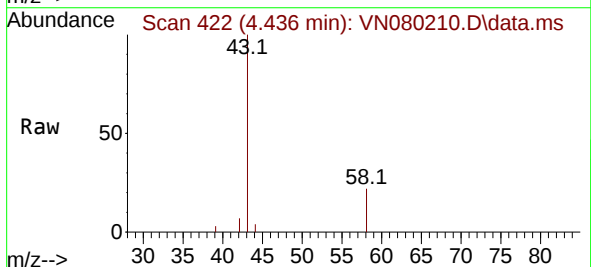
Instrument :
MSVOA_N
ClientSampleId :
PB157250ZHE#04

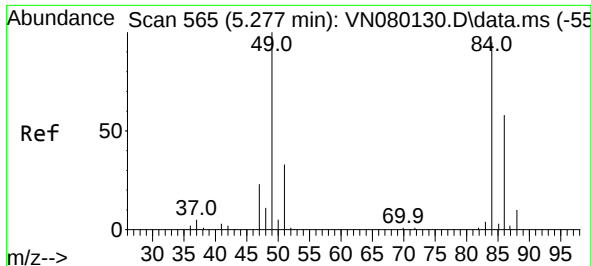
Tgt Ion:168 Resp: 140235
Ion Ratio Lower Upper
168 100
99 67.0 53.0 79.6



#16
Acetone
Concen: 18.616 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN080210.D
Acq: 20 Nov 2023 16:11

Tgt Ion: 43 Resp: 14478
Ion Ratio Lower Upper
43 100
58 22.4 28.0 42.0#

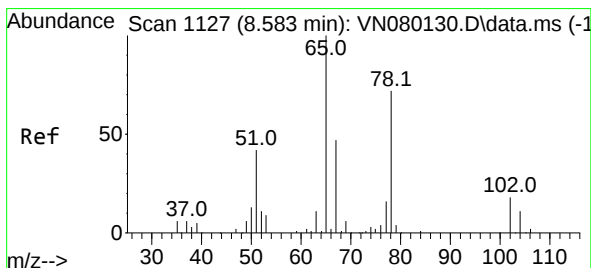
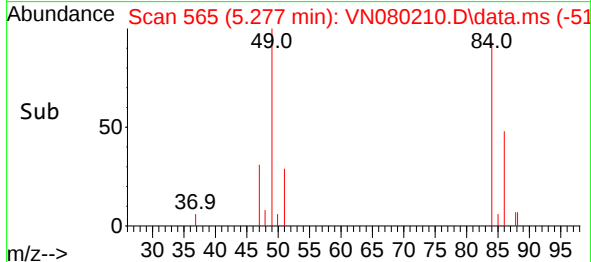
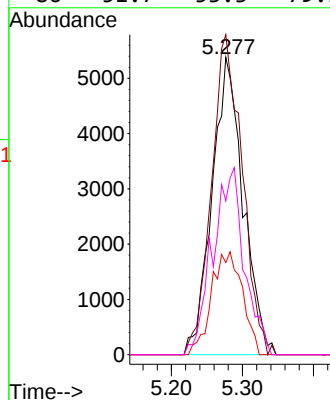
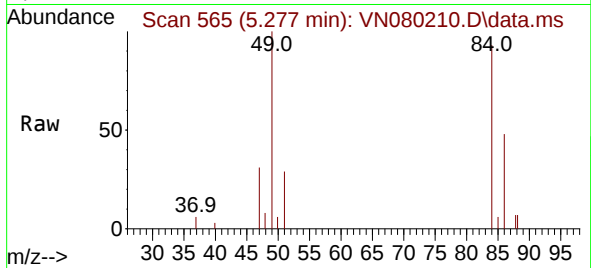




#20
Methylene Chloride
Concen: 10.043 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080210.D
Acq: 20 Nov 2023 16:11

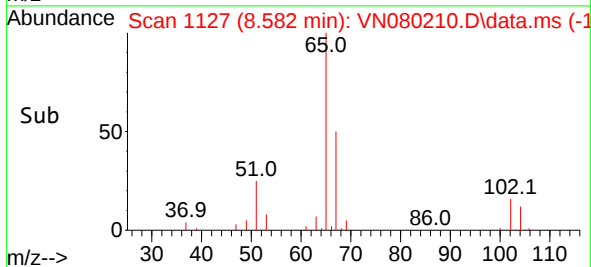
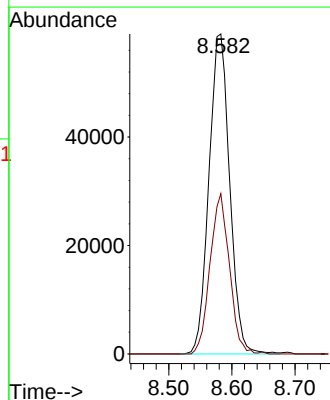
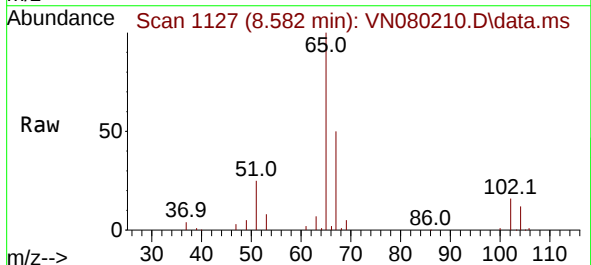
Instrument :
MSVOA_N
ClientSampleId :
PB157250ZHE#04

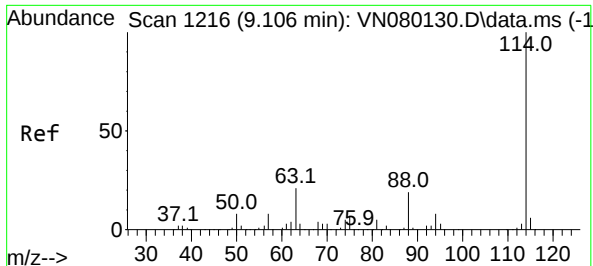
Tgt Ion:	84	Resp:	16356
Ion	Ratio	Lower	Upper
84	100		
49	107.6	79.7	119.5
51	31.0	25.2	37.8
86	51.7	53.3	79.9#



#33
1,2-Dichloroethane-d4
Concen: 58.228 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080210.D
Acq: 20 Nov 2023 16:11

Tgt Ion:	65	Resp:	134828
Ion	Ratio	Lower	Upper
65	100		
67	46.7	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: VN080210.D

Acq: 20 Nov 2023 16:11

Instrument :

MSVOA_N

ClientSampleId :

PB157250ZHE#04

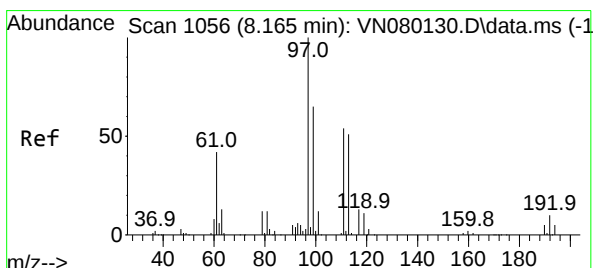
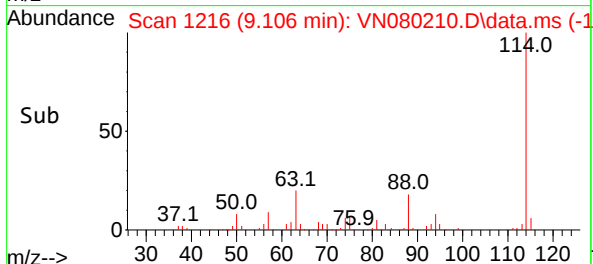
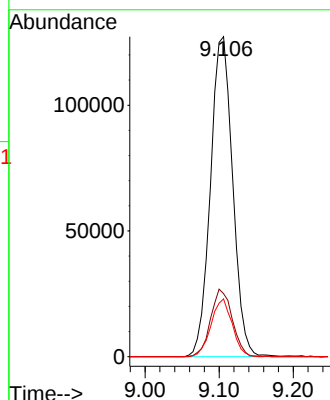
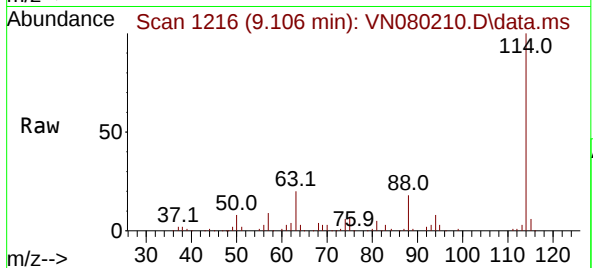
Tgt Ion:114 Resp: 265007

Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.4

88 18.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.592 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080210.D

Acq: 20 Nov 2023 16:11

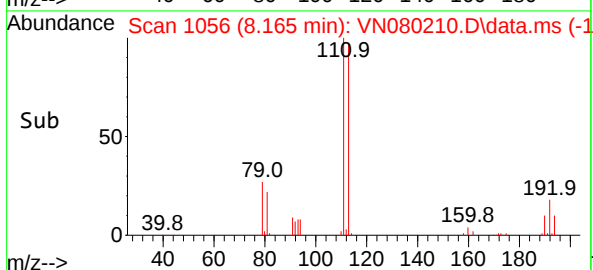
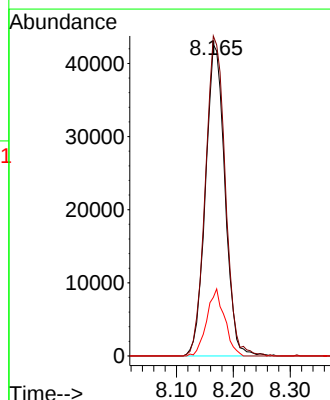
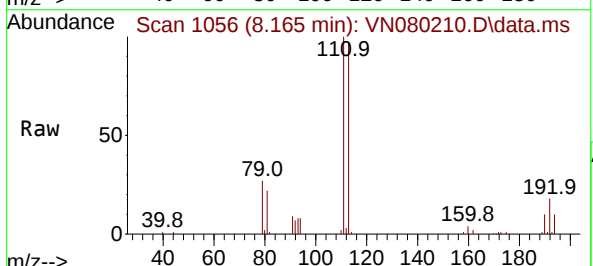
Tgt Ion:113 Resp: 100883

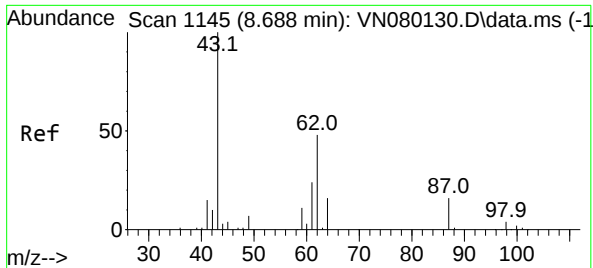
Ion Ratio Lower Upper

113 100

111 105.0 82.6 123.8

192 19.8 12.7 19.1#

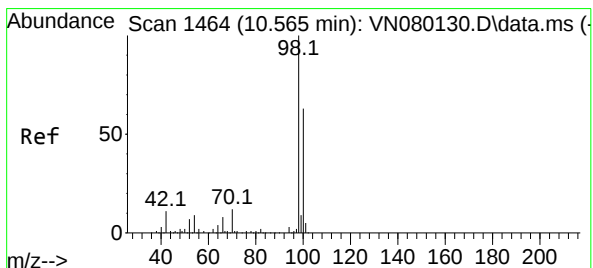
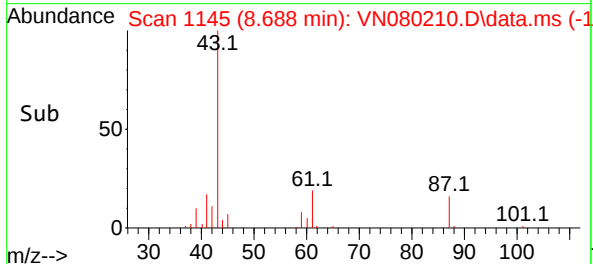
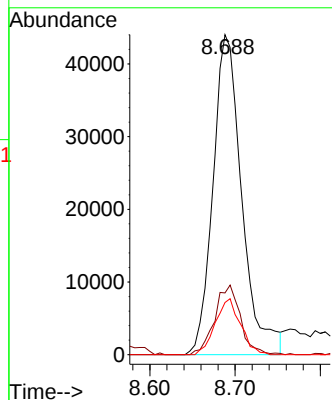
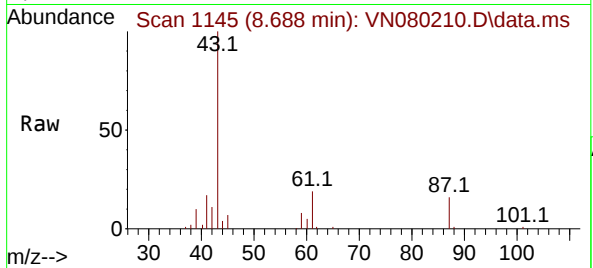




#43
Isopropyl Acetate
Concen: 27.065 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080210.D
Acq: 20 Nov 2023 16:11

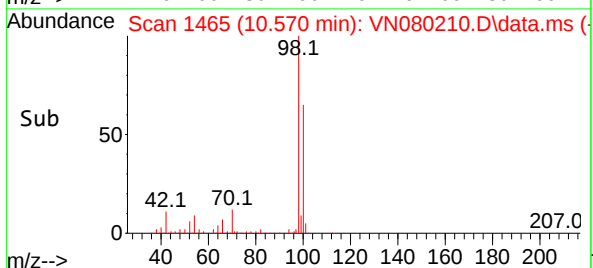
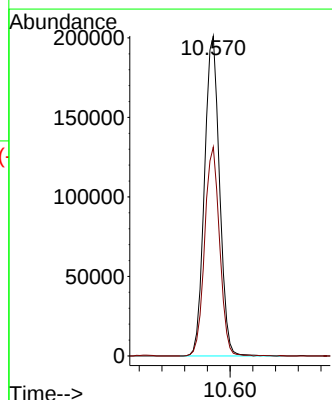
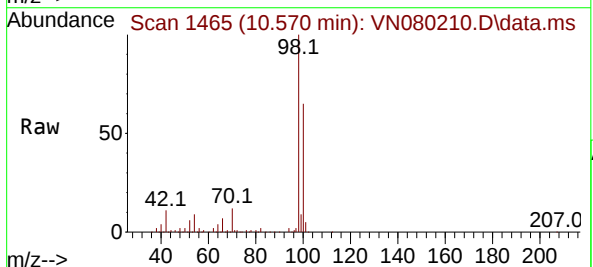
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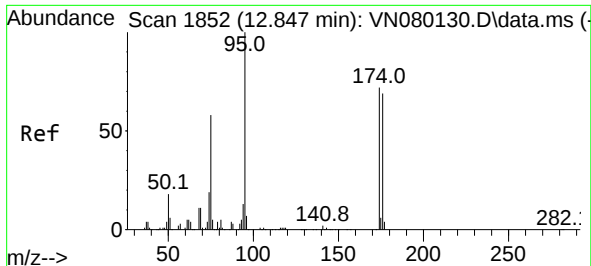
Tgt Ion: 43 Resp: 103425
Ion Ratio Lower Upper
43 100
61 19.5 24.7 37.1#
87 15.3 14.6 21.8



#50
Toluene-d8
Concen: 52.271 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080210.D
Acq: 20 Nov 2023 16:11

Tgt Ion: 98 Resp: 368453
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

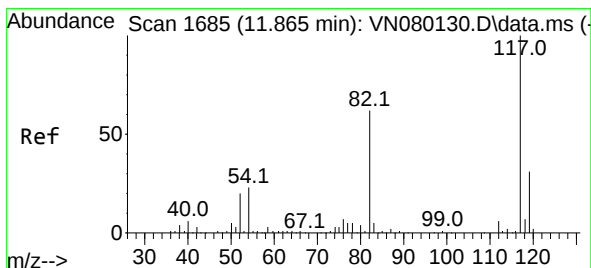
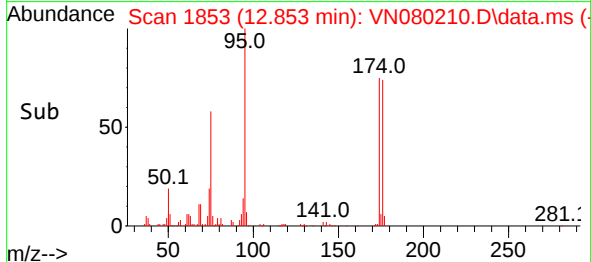
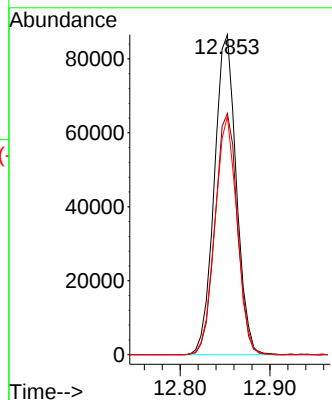
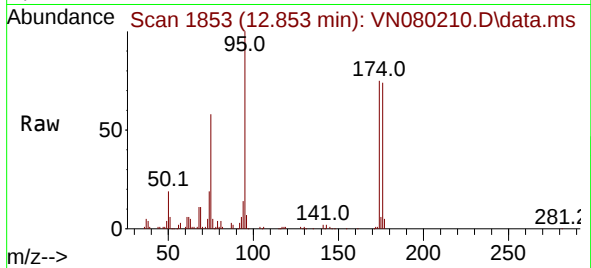




#62
4-Bromofluorobenzene
Concen: 55.274 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080210.D
Acq: 20 Nov 2023 16:11

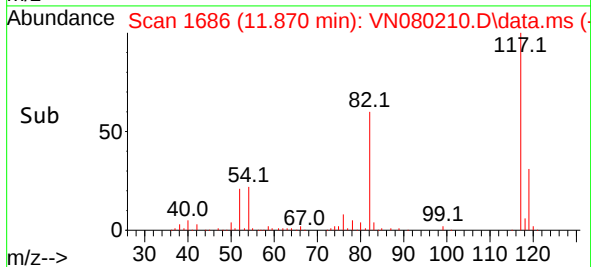
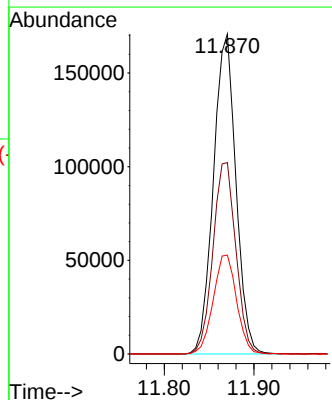
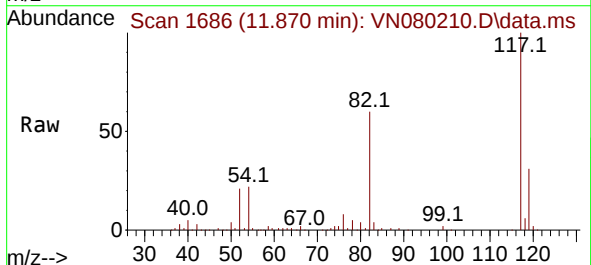
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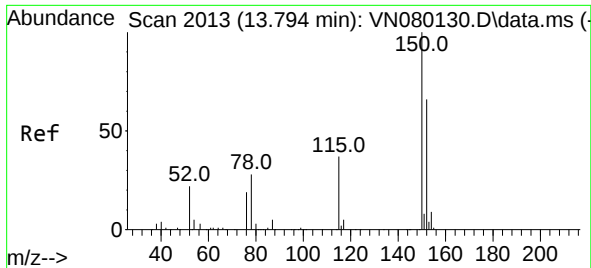
Tgt Ion: 95 Resp: 147166
Ion Ratio Lower Upper
95 100
174 76.5 0.0 143.8
176 74.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080210.D
Acq: 20 Nov 2023 16:11

Tgt Ion: 117 Resp: 297511
Ion Ratio Lower Upper
117 100
82 59.8 44.0 66.0
119 30.9 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: VN080210.D

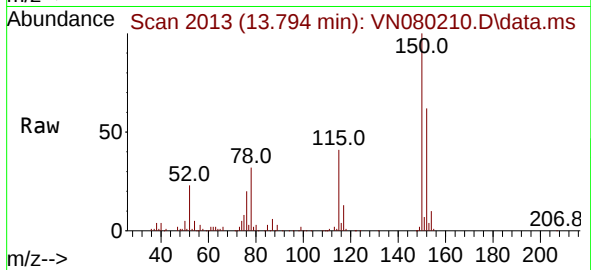
Acq: 20 Nov 2023 16:11

Instrument :

MSVOA_N

ClientSampleId :

PB157250ZHE#04



Tgt Ion:152 Resp: 126168

Ion Ratio Lower Upper

152 100

115 67.1 32.3 96.8

150 159.3 0.0 355.8

