

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120823\
 Data File : VN080416.D
 Acq On : 08 Dec 2023 19:08
 Operator : JC\MD
 Sample : 05718-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-LIQUID-20231206

Quant Time: Dec 08 22:45:07 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)

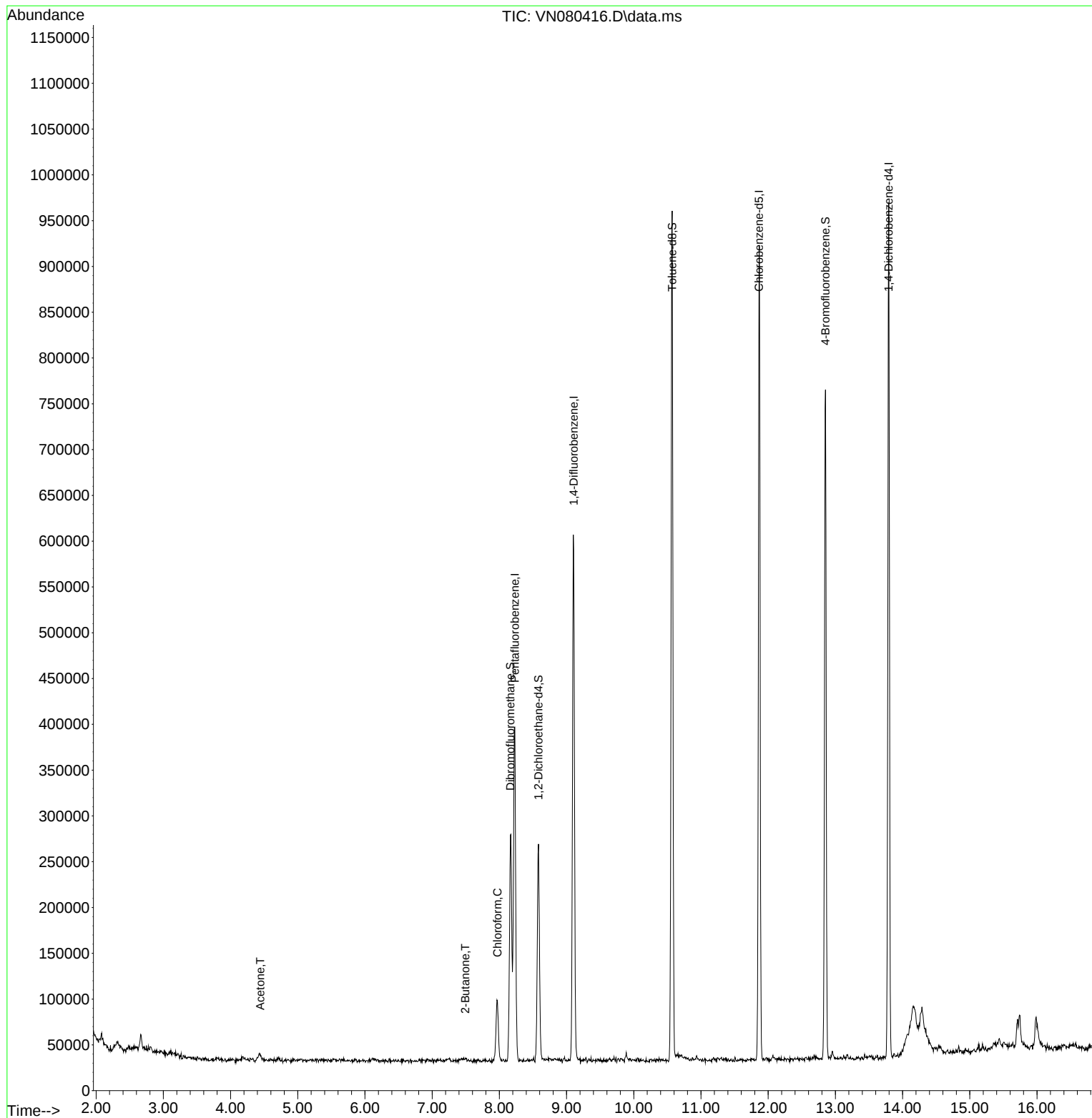
Internal Standards						
1) Pentafluorobenzene	8.230	168	267653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	498463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	514735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	247828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	201548	45.606	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.220%		
35) Dibromofluoromethane	8.165	113	177201	48.179	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.360%		
50) Toluene-d8	10.571	98	658057	49.633	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.260%		
62) 4-Bromofluorobenzene	12.853	95	271999	54.314	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.620%		
Target Compounds						
16) Acetone	4.442	43	13714	9.239	ug/l	94
25) 2-Butanone	7.494	43	5259	2.982	ug/l	88
30) Chloroform	7.971	83	68044	10.615	ug/l	95

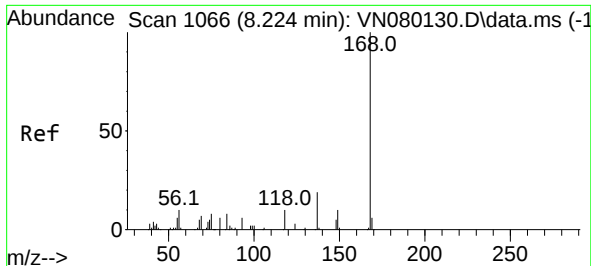
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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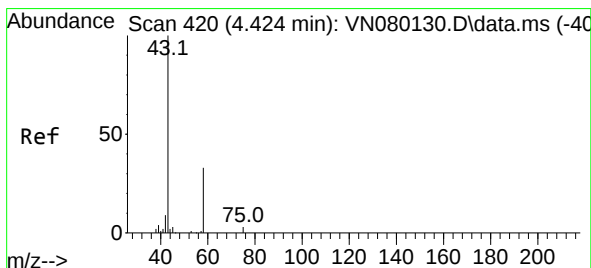
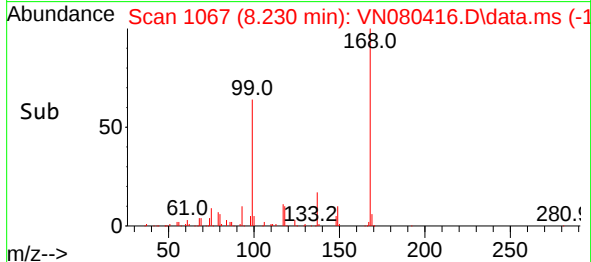
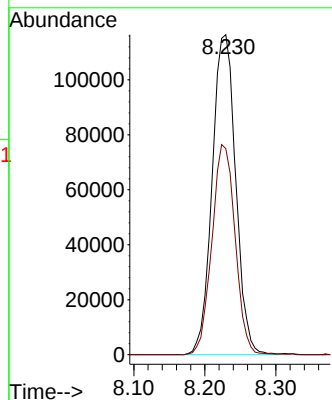
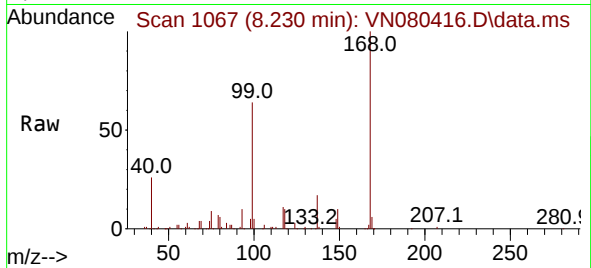




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN080416.D
Acq: 08 Dec 2023 19:08

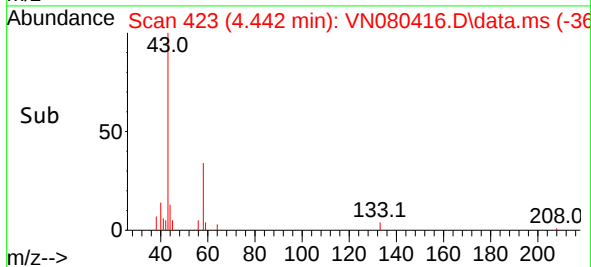
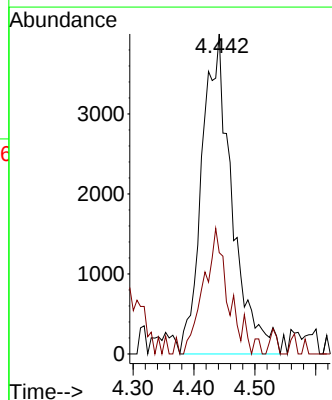
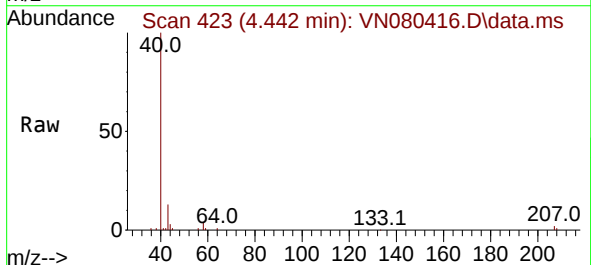
Instrument :
MSVOA_N
ClientSampleId :
WC-LIQUID-20231206

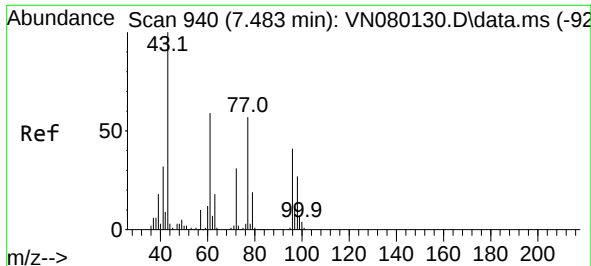
Tgt Ion:168 Resp: 267653
Ion Ratio Lower Upper
168 100
99 64.4 53.0 79.6



#16
Acetone
Concen: 9.239 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN080416.D
Acq: 08 Dec 2023 19:08

Tgt Ion: 43 Resp: 13714
Ion Ratio Lower Upper
43 100
58 31.7 28.0 42.0

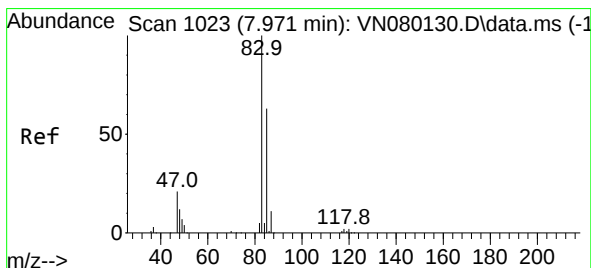
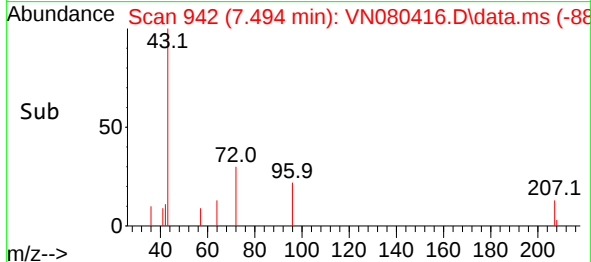
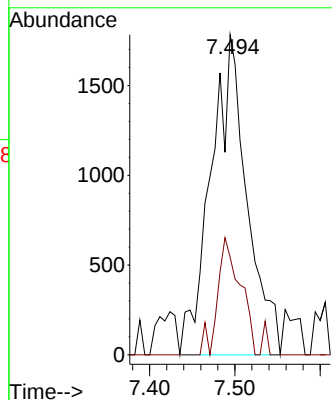
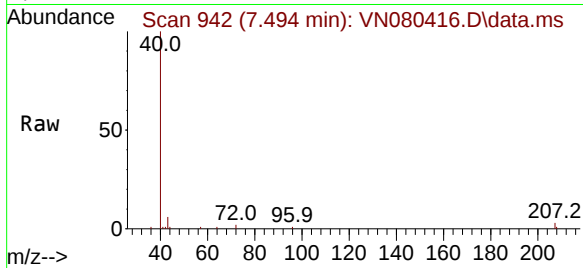




#25
2-Butanone
Concen: 2.982 ug/l
RT: 7.494 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN080416.D
Acq: 08 Dec 2023 19:08

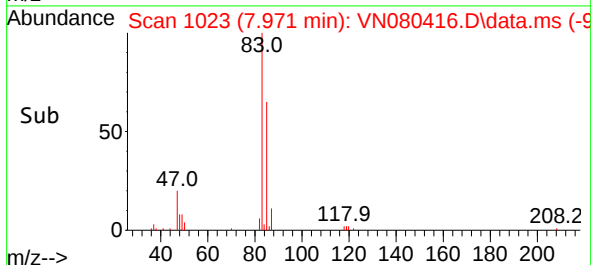
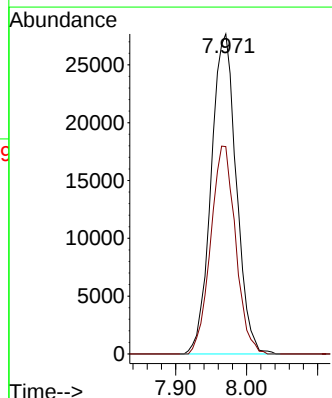
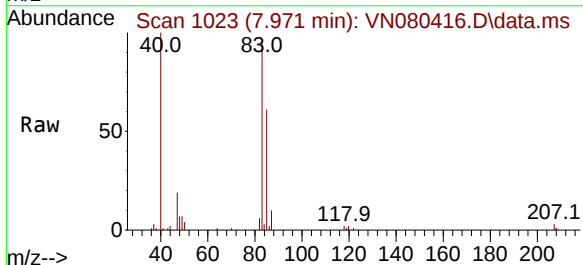
Instrument :
MSVOA_N
ClientSampleId :
WC-LIQUID-20231206

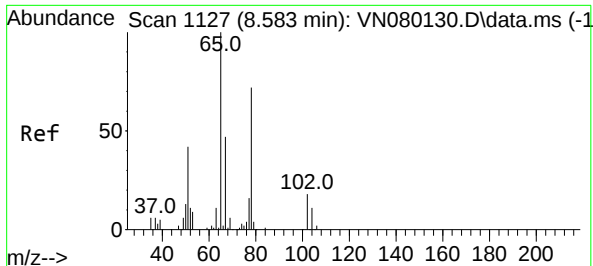
Tgt Ion: 43 Resp: 5259
Ion Ratio Lower Upper
43 100
72 30.5 30.2 45.2



#30
Chloroform
Concen: 10.615 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN080416.D
Acq: 08 Dec 2023 19:08

Tgt Ion: 83 Resp: 68044
Ion Ratio Lower Upper
83 100
85 64.8 55.4 83.0





#33

1,2-Dichloroethane-d4

Concen: 45.606 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080416.D

Acq: 08 Dec 2023 19:08

Instrument :

MSVOA_N

ClientSampleId :

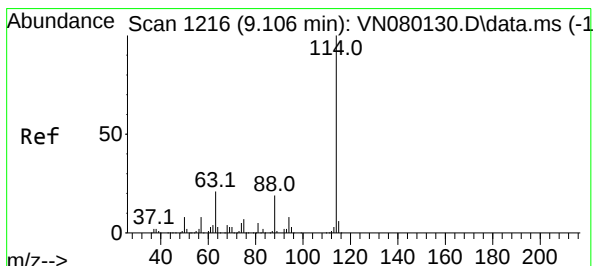
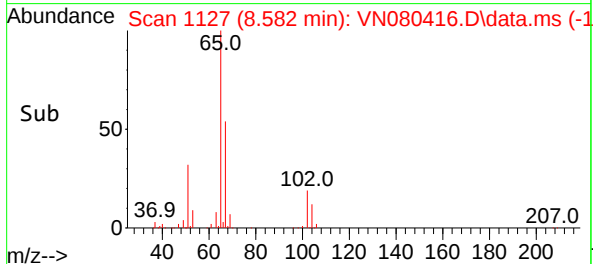
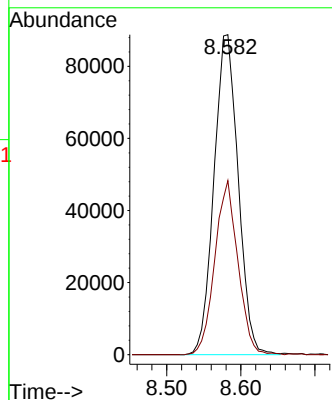
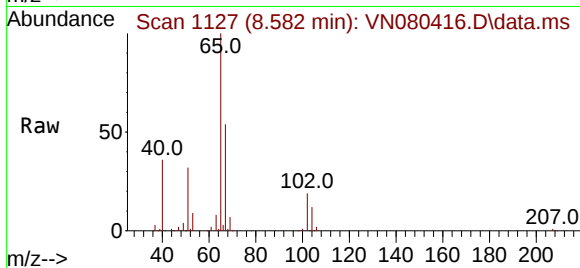
WC-LIQUID-20231206

Tgt Ion: 65 Resp: 201548

Ion Ratio Lower Upper

65 100

67 51.9 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN080416.D

Acq: 08 Dec 2023 19:08

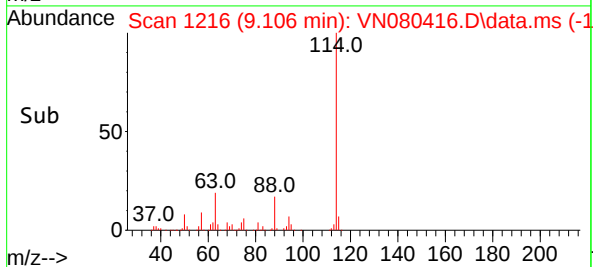
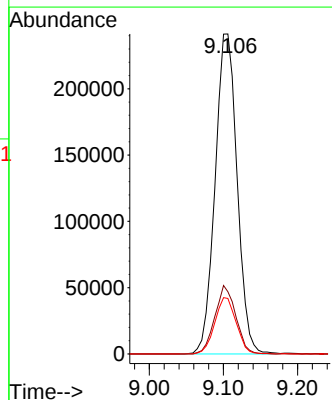
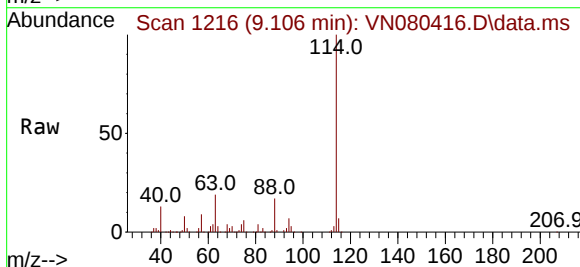
Tgt Ion: 114 Resp: 498463

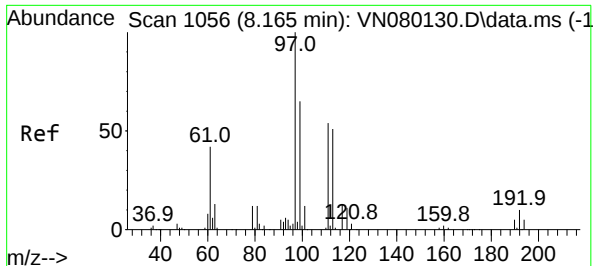
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.4

88 17.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.179 ug/l

RT: 8.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080416.D

Acq: 08 Dec 2023 19:08

Instrument :

MSVOA_N

ClientSampleId :

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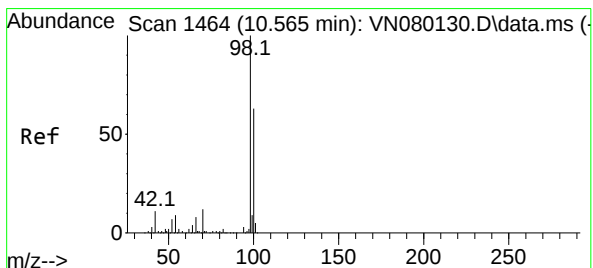
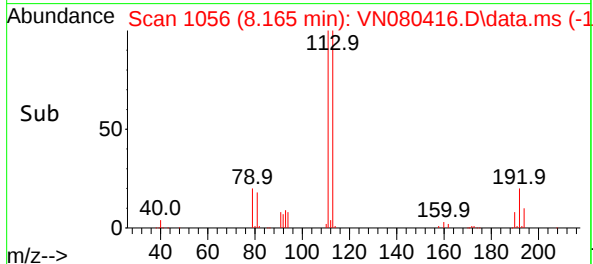
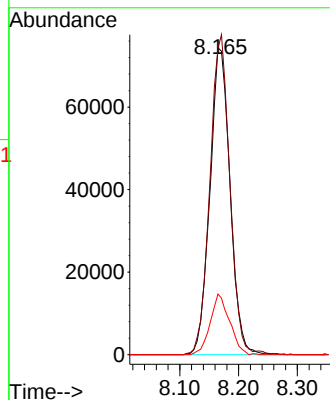
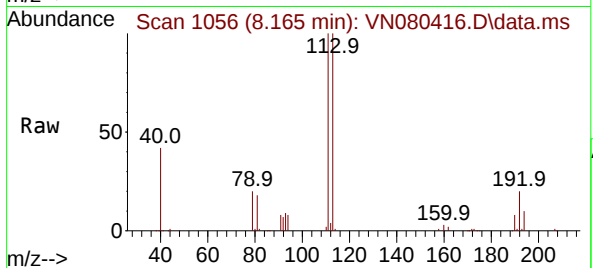
Tgt Ion:113 Resp: 177201

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

192 19.0 12.7 19.1



#50

Toluene-d8

Concen: 49.633 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080416.D

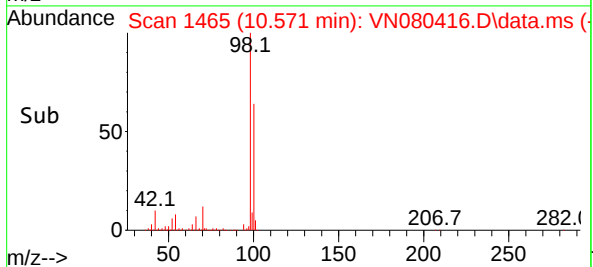
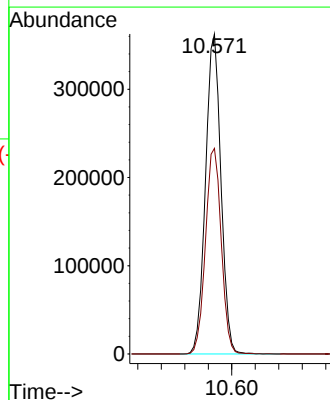
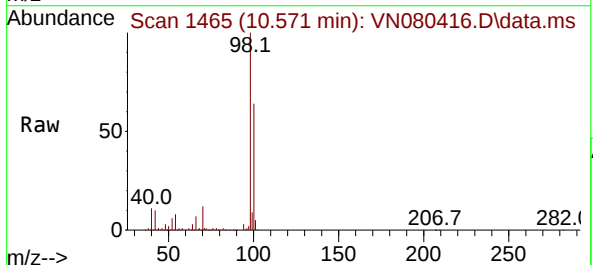
Acq: 08 Dec 2023 19:08

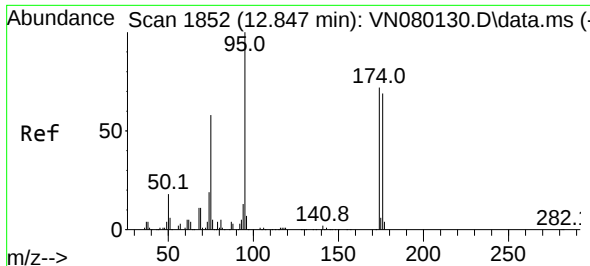
Tgt Ion: 98 Resp: 658057

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0

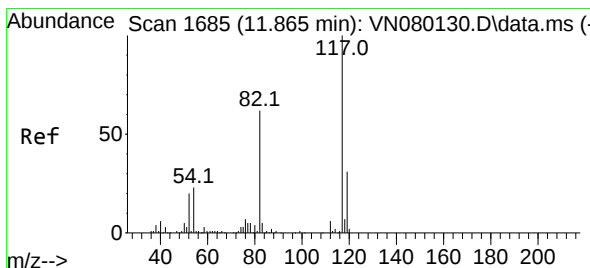
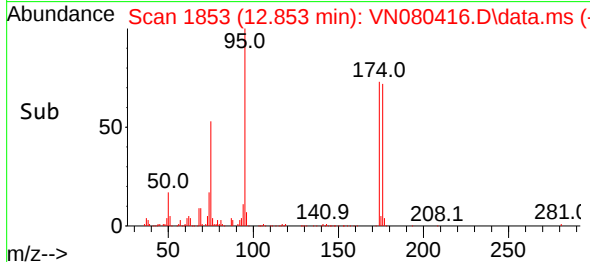
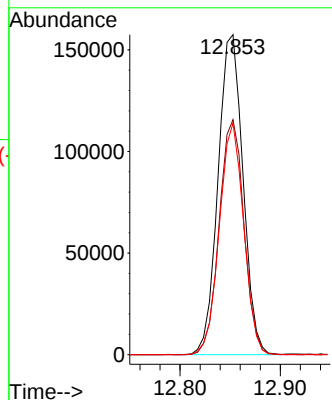
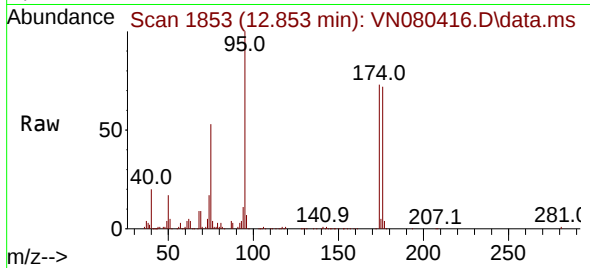




#62
4-Bromofluorobenzene
Concen: 54.314 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080416.D
Acq: 08 Dec 2023 19:08

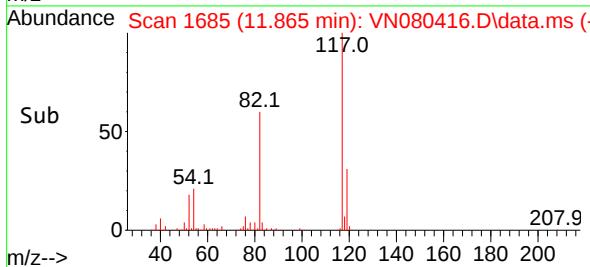
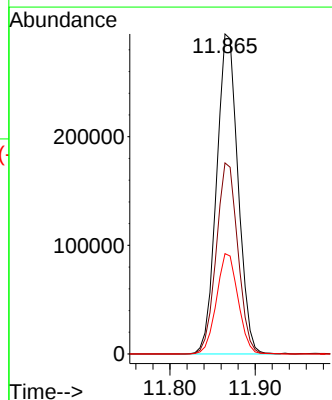
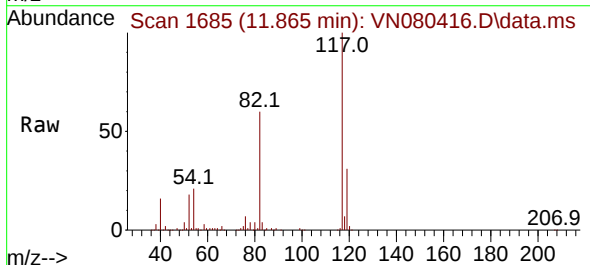
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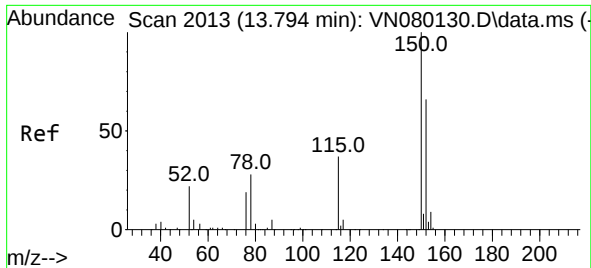
Tgt Ion: 95 Resp: 271999
Ion Ratio Lower Upper
95 100
174 72.7 0.0 143.8
176 70.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080416.D
Acq: 08 Dec 2023 19:08

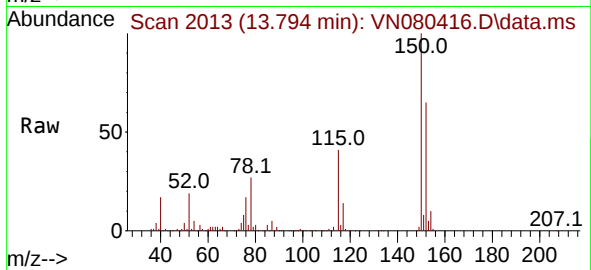
Tgt Ion: 117 Resp: 514735
Ion Ratio Lower Upper
117 100
82 59.7 44.0 66.0
119 31.4 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN080416.D
 Acq: 08 Dec 2023 19:08

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-LIQUID-20231206



Tgt Ion:152 Resp: 247828
 Ion Ratio Lower Upper
 152 100
 115 64.8 32.3 96.8
 150 158.1 0.0 355.8

