

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120823\
 Data File : VN080418.D
 Acq On : 08 Dec 2023 19:56
 Operator : JC\MD
 Sample : 05639-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 E8965C-CC-001

Quant Time: Dec 08 22:46:01 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)

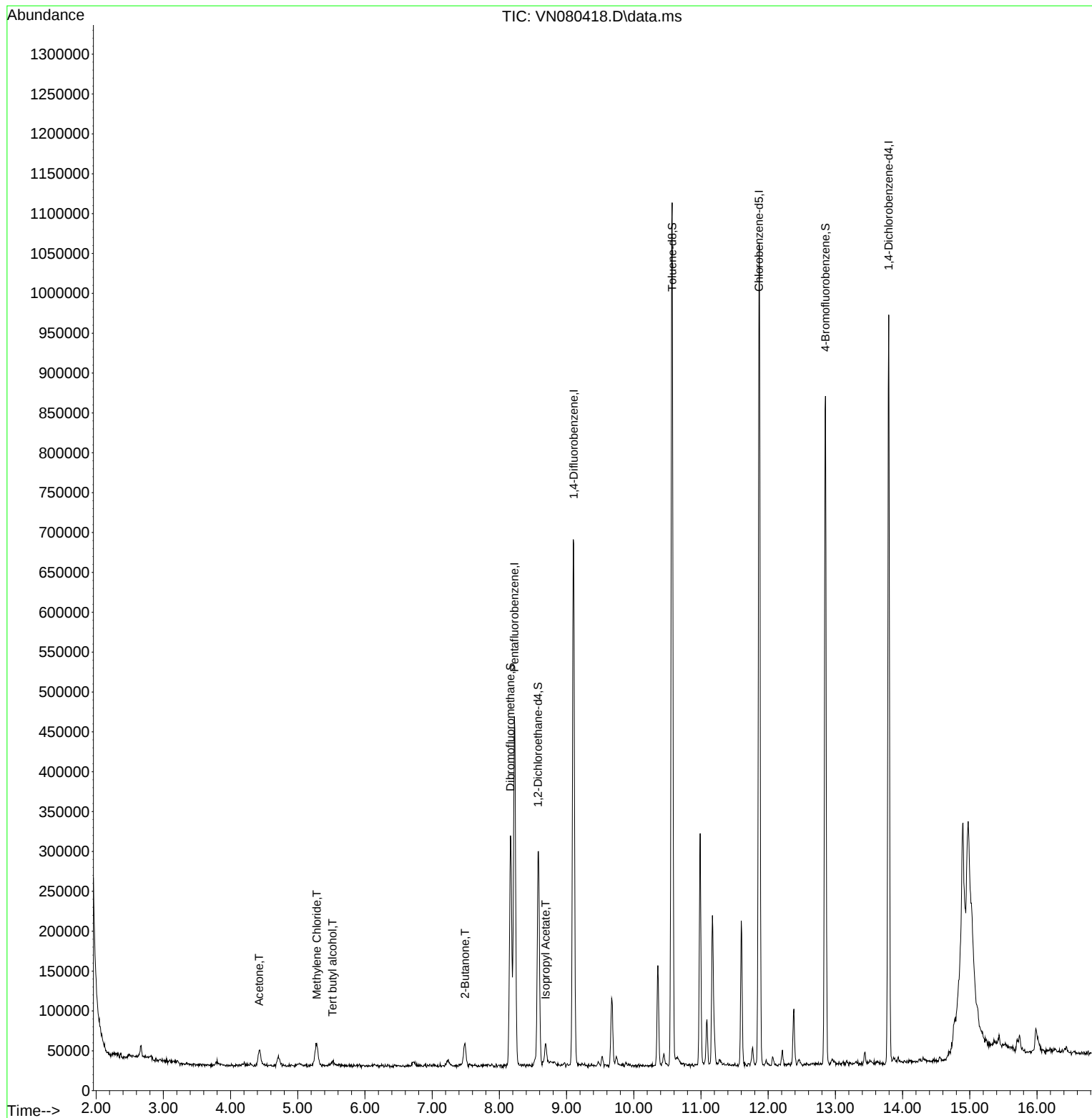
Internal Standards						
1) Pentafluorobenzene	8.224	168	319374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	575781	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	606564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	250585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	237212	44.983	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.960%		
35) Dibromofluoromethane	8.165	113	207336	48.802	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.600%		
50) Toluene-d8	10.571	98	775188	50.616	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.240%		
62) 4-Bromofluorobenzene	12.853	95	313957	54.273	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.540%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.518	59	9019	15.552	ug/l #	90
16) Acetone	4.424	43	36286	20.487	ug/l	95
20) Methylene Chloride	5.283	84	24839	6.697	ug/l	96
25) 2-Butanone	7.488	43	44118	20.965	ug/l #	86
43) Isopropyl Acetate	8.688	43	33629	4.050	ug/l #	80

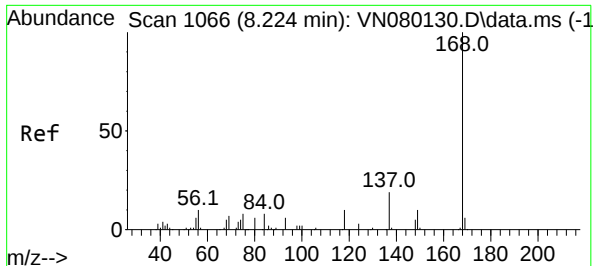
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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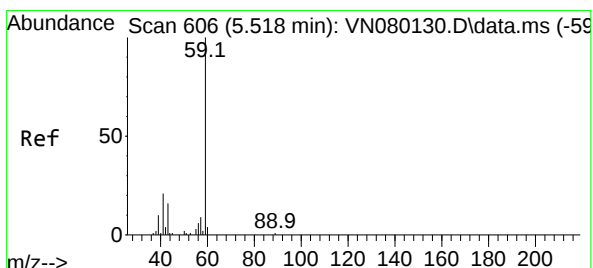
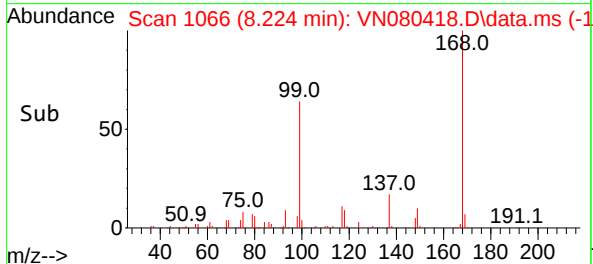
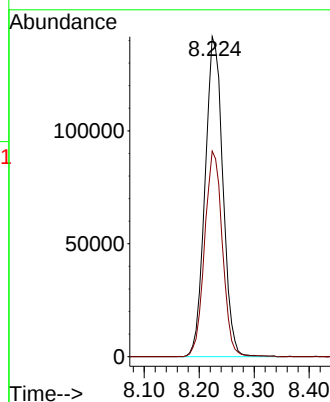
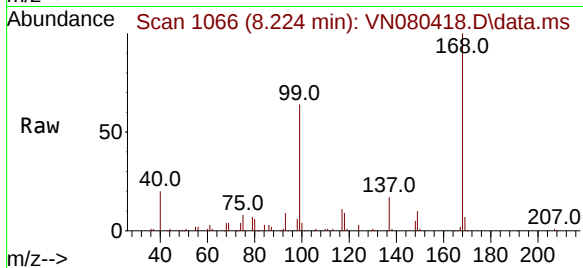




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080418.D
Acq: 08 Dec 2023 19:56

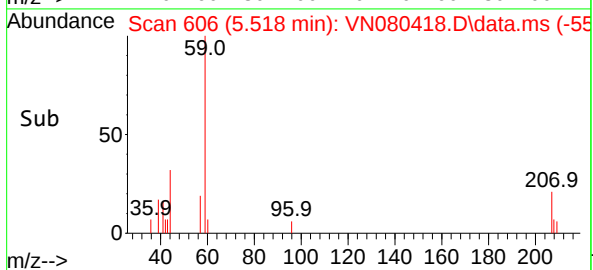
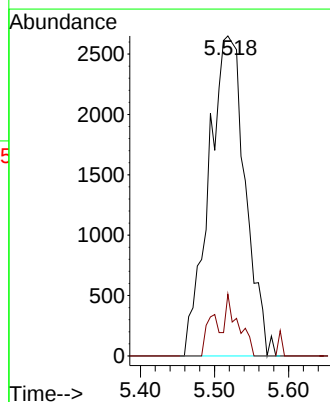
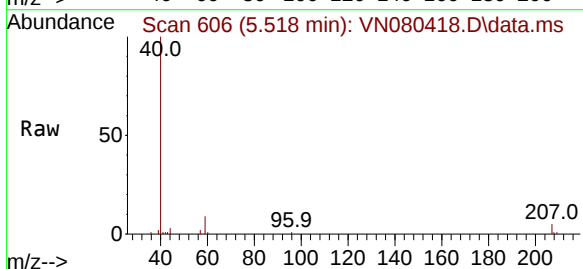
Instrument :
MSVOA_N
ClientSampleId :
E8965C-CC-001

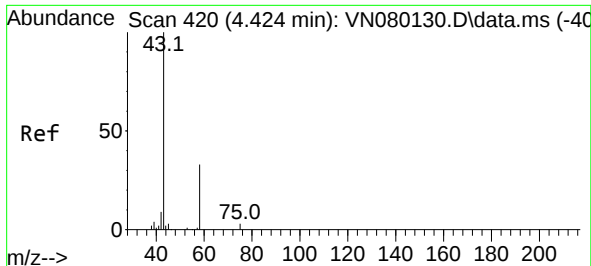
Tgt Ion:168 Resp: 319374
Ion Ratio Lower Upper
168 100
99 64.2 53.0 79.6



#11
Tert butyl alcohol
Concen: 15.552 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN080418.D
Acq: 08 Dec 2023 19:56

Tgt Ion: 59 Resp: 9019
Ion Ratio Lower Upper
59 100
57 6.6 8.2 12.4#





#16

Acetone

Concen: 20.487 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN080418.D

Acq: 08 Dec 2023 19:56

Instrument :

MSVOA_N

ClientSampleId :

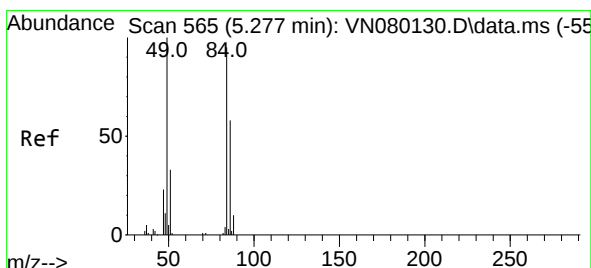
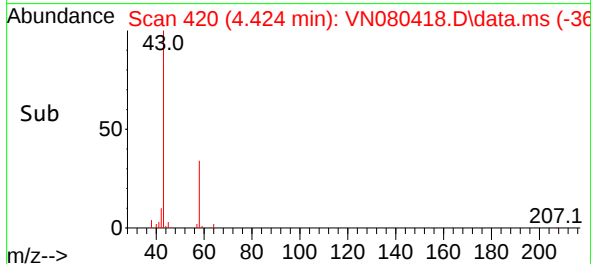
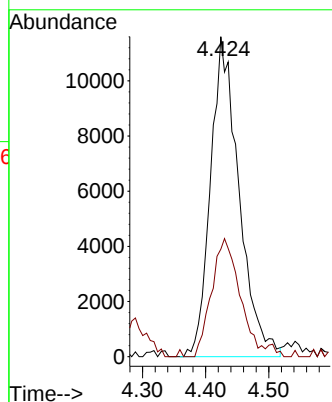
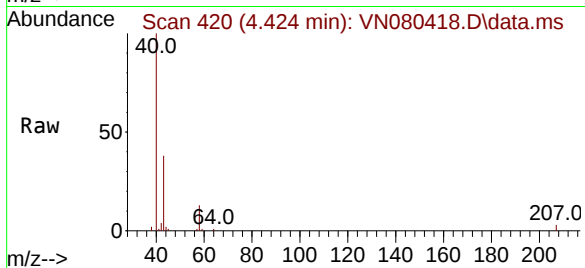
E8965C-CC-001

Tgt Ion: 43 Resp: 36286

Ion Ratio Lower Upper

43 100

58 31.9 28.0 42.0



#20

Methylene Chloride

Concen: 6.697 ug/l

RT: 5.283 min Scan# 566

Delta R.T. 0.006 min

Lab File: VN080418.D

Acq: 08 Dec 2023 19:56

Tgt Ion: 84 Resp: 24839

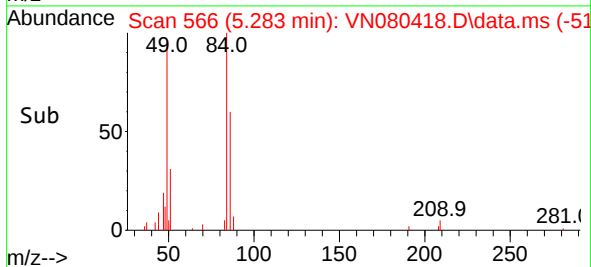
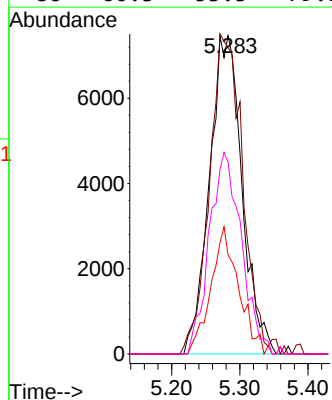
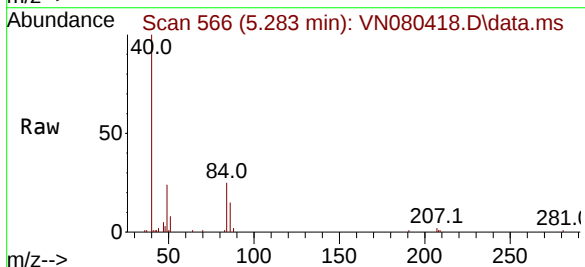
Ion Ratio Lower Upper

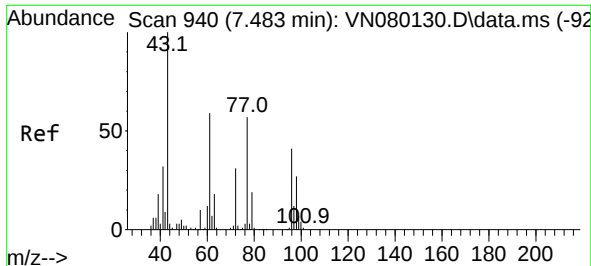
84 100

49 96.5 79.7 119.5

51 31.1 25.2 37.8

86 60.3 53.3 79.9

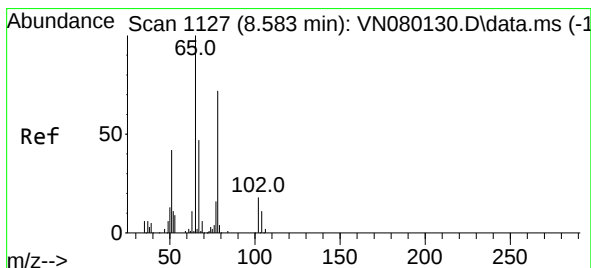
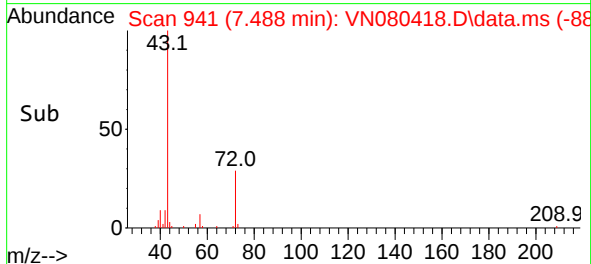
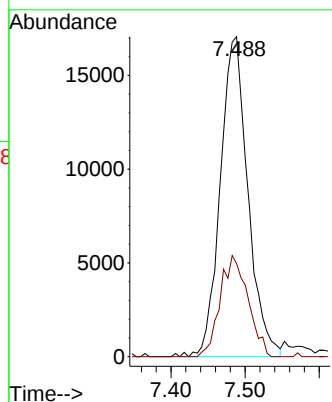
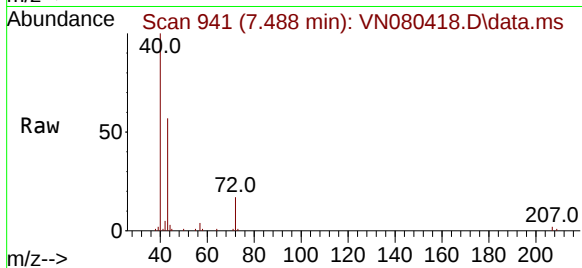




#25
2-Butanone
Concen: 20.965 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080418.D
Acq: 08 Dec 2023 19:56

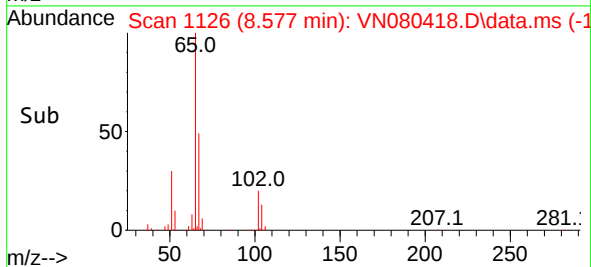
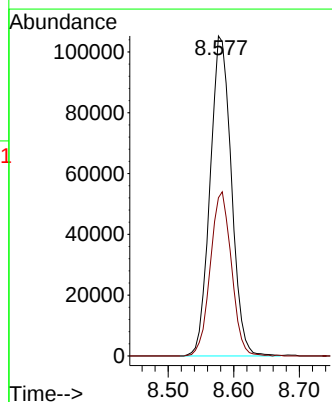
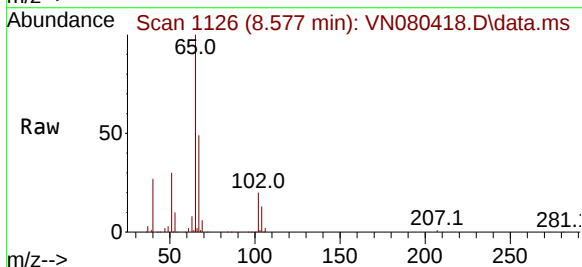
Instrument :
MSVOA_N
ClientSampleId :
E8965C-CC-001

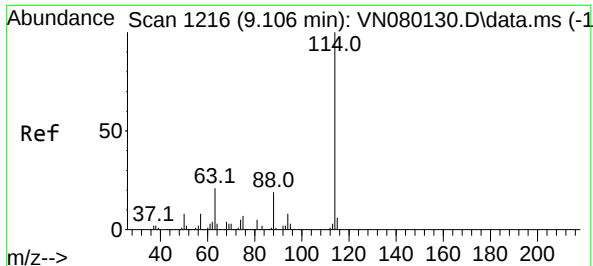
Tgt Ion: 43 Resp: 44118
Ion Ratio Lower Upper
43 100
72 29.1 30.2 45.2#



#33
1,2-Dichloroethane-d4
Concen: 44.983 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080418.D
Acq: 08 Dec 2023 19:56

Tgt Ion: 65 Resp: 237212
Ion Ratio Lower Upper
65 100
67 50.8 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: VN080418.D

Acq: 08 Dec 2023 19:56

Instrument :

MSVOA_N

ClientSampleId :

E8965C-CC-001

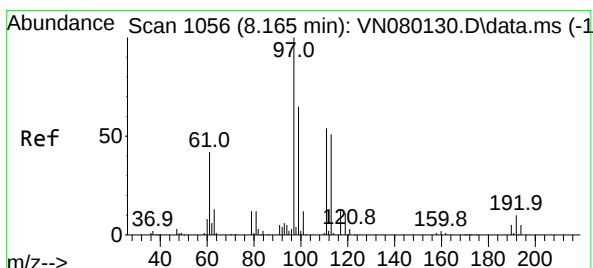
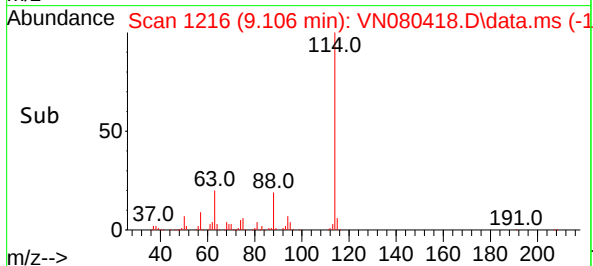
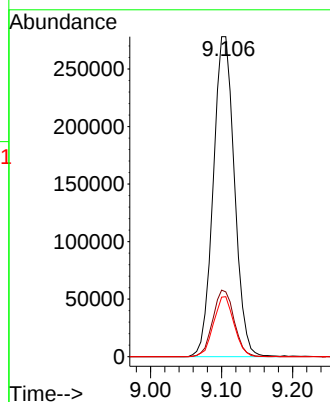
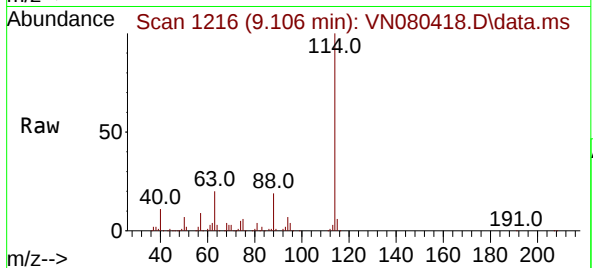
Tgt Ion:114 Resp: 575781

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 18.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.802 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080418.D

Acq: 08 Dec 2023 19:56

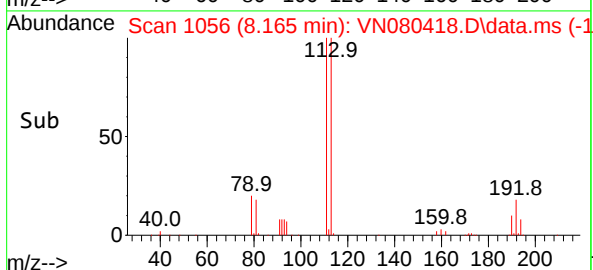
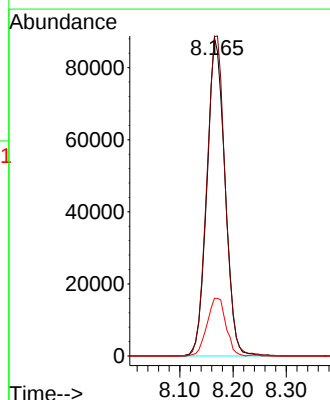
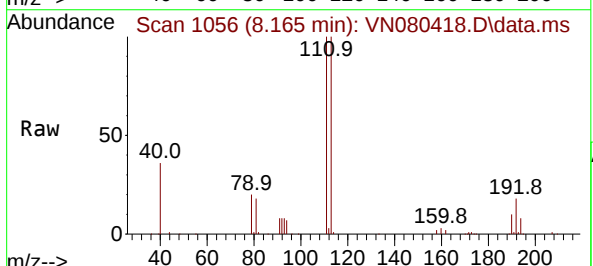
Tgt Ion:113 Resp: 207336

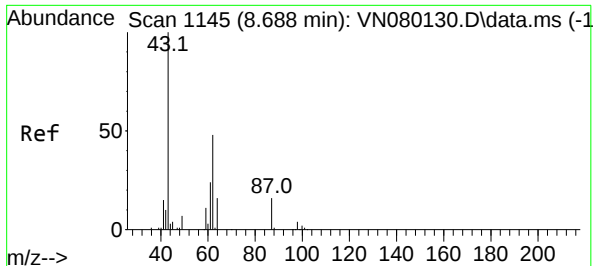
Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

192 19.0 12.7 19.1





#43

Isopropyl Acetate

Concen: 4.050 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN080418.D

Acq: 08 Dec 2023 19:56

Instrument :

MSVOA_N

ClientSampleId :

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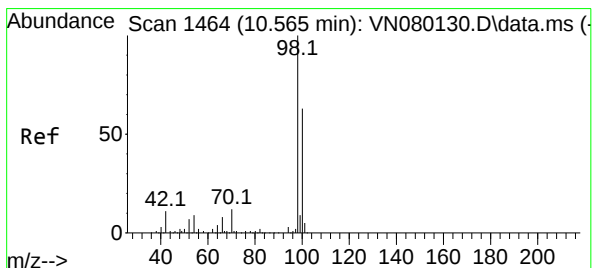
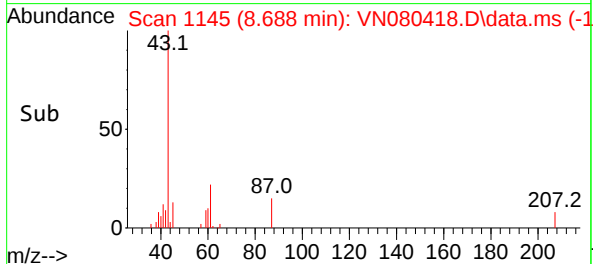
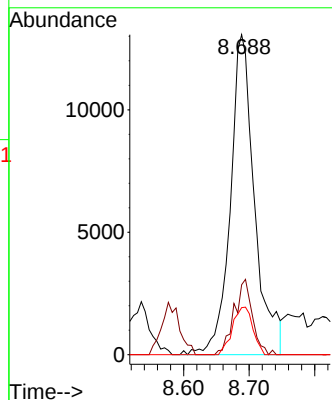
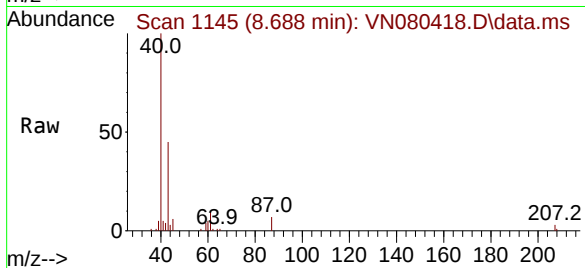
Tgt Ion: 43 Resp: 33629

Ion Ratio Lower Upper

43 100

61 17.8 24.7 37.1#

87 12.5 14.6 21.8#



#50

Toluene-d8

Concen: 50.616 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080418.D

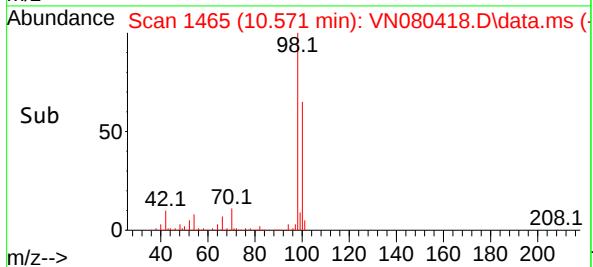
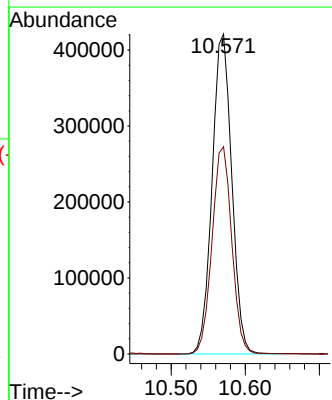
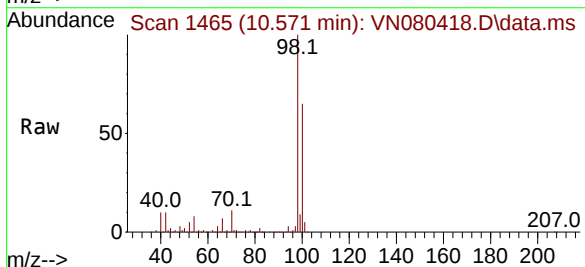
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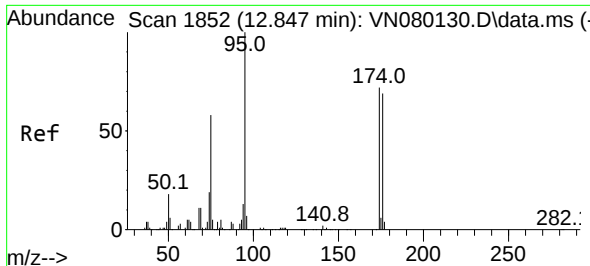
Tgt Ion: 98 Resp: 775188

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0

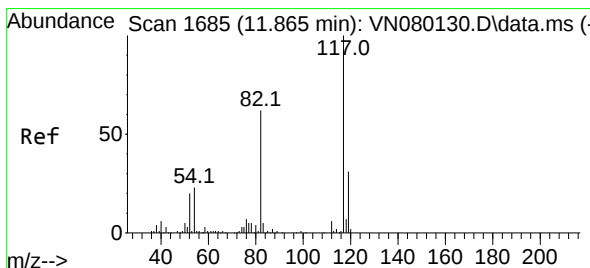
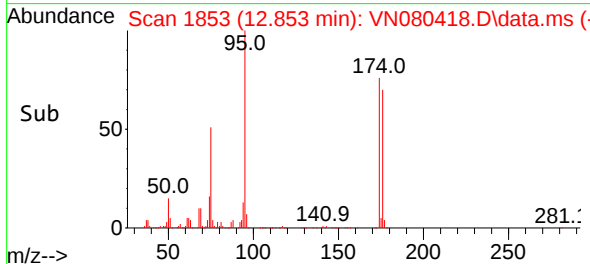
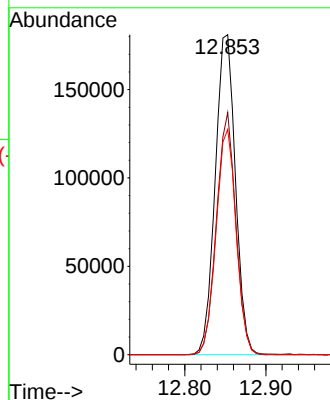
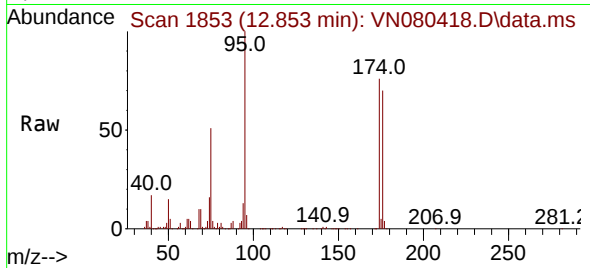




#62
4-Bromofluorobenzene
Concen: 54.273 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080418.D
Acq: 08 Dec 2023 19:56

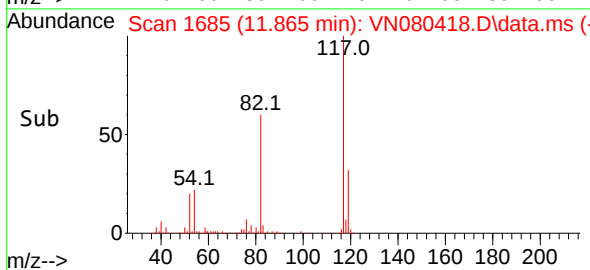
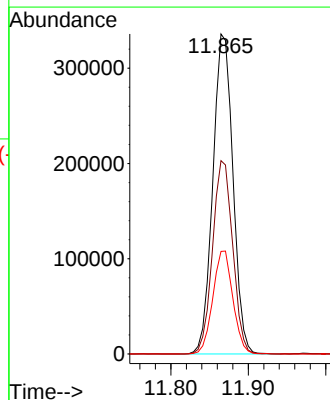
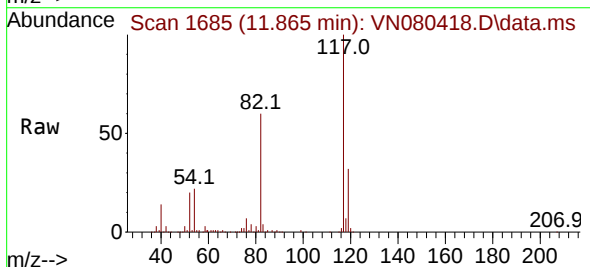
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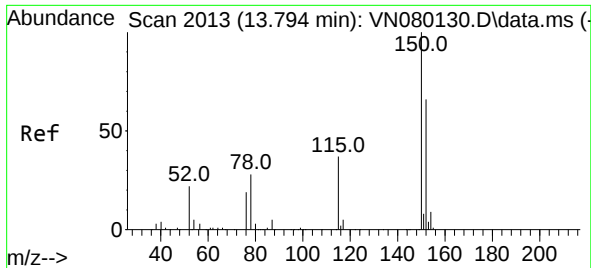
Tgt Ion: 95 Resp: 313957
Ion Ratio Lower Upper
95 100
174 72.2 0.0 143.8
176 69.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080418.D
Acq: 08 Dec 2023 19:56

Tgt Ion: 117 Resp: 606564
Ion Ratio Lower Upper
117 100
82 60.4 44.0 66.0
119 32.0 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: VN080418.D

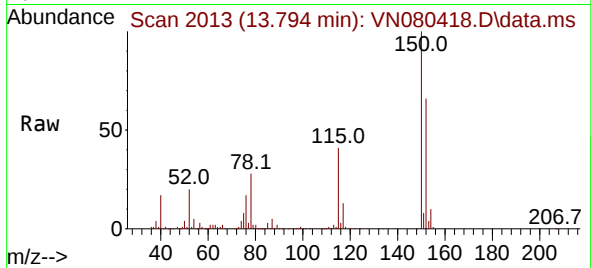
Acq: 08 Dec 2023 19:56

Instrument :

MSVOA_N

ClientSampleId :

E8965C-CC-001



Tgt Ion:152 Resp: 250585

Ion Ratio Lower Upper

152 100

115 65.2 32.3 96.8

150 158.0 0.0 355.8

