

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112123\
 Data File : VN080230.D
 Acq On : 21 Nov 2023 14:29
 Operator : JC\MD
 Sample : 05481-02 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-AQ

Quant Time: Nov 22 00:06:54 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)

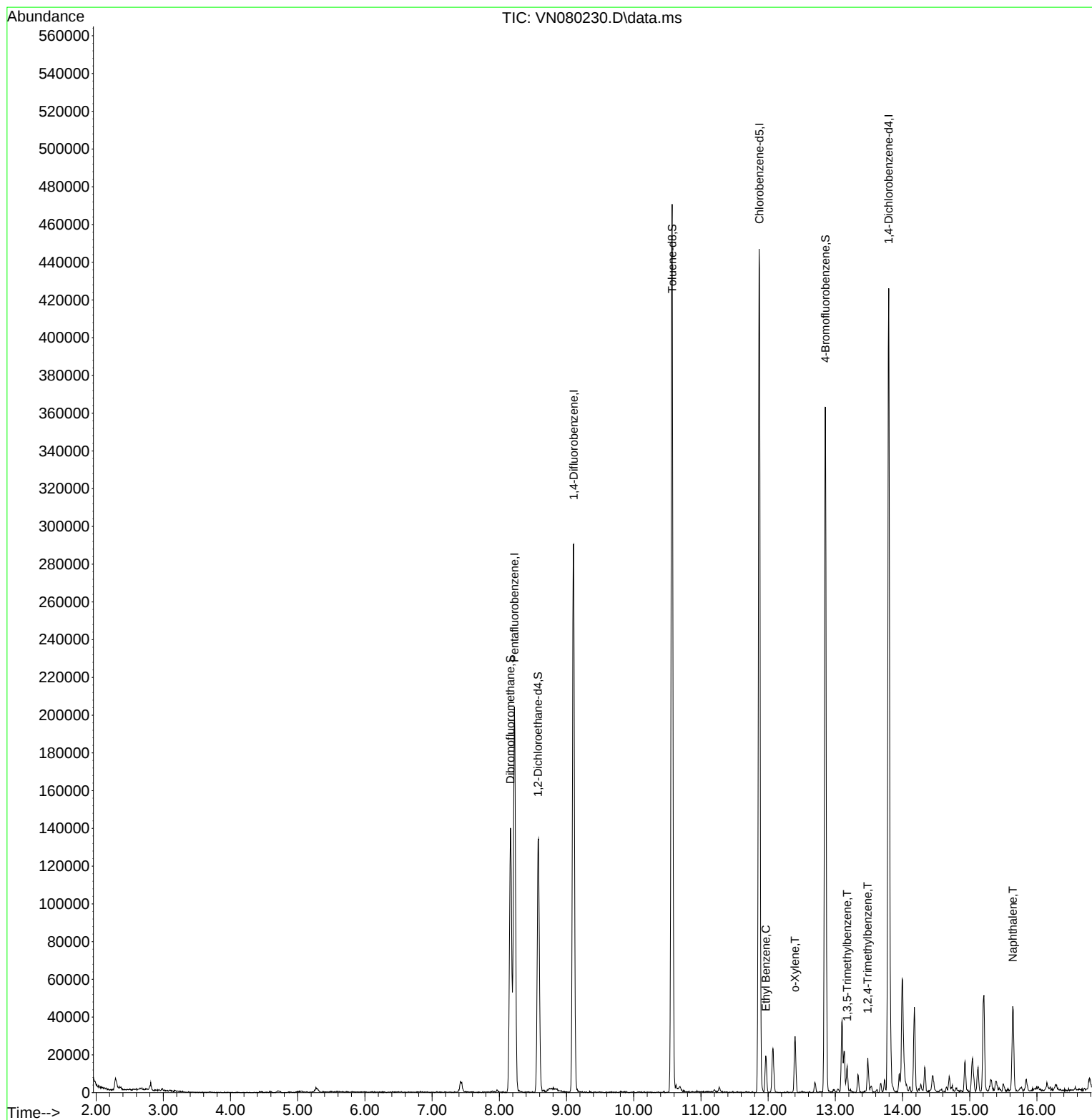
Internal Standards						
1) Pentafluorobenzene	8.224	168	135343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	244172	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	252370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126138	56.444	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.880%
35) Dibromofluoromethane	8.165	113	94185	52.277	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.560%
50) Toluene-d8	10.571	98	320836	49.400	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.800%
62) 4-Bromofluorobenzene	12.853	95	128828	52.516	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.040%
Target Compounds						
					Qvalue	
67) Ethyl Benzene	11.965	91	14171	1.393	ug/l	95
69) o-Xylene	12.400	106	8278	2.367	ug/l	90
80) 1,3,5-Trimethylbenzene	13.176	105	7971	1.057	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	10304	1.387	ug/l	99
95) Naphthalene	15.641	128	41440	6.522	ug/l	98

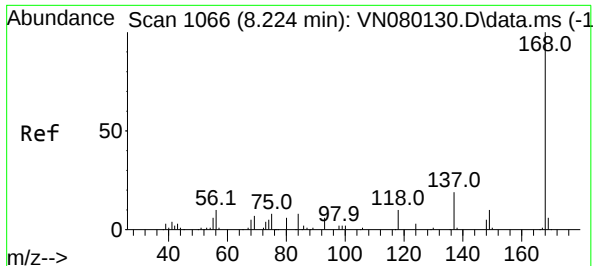
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112123\
Data File : VN080230.D
Acq On : 21 Nov 2023 14:29
Operator : JC\MD
Sample : 05481-02 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
COMP-AQ

Quant Time: Nov 22 00:06:54 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

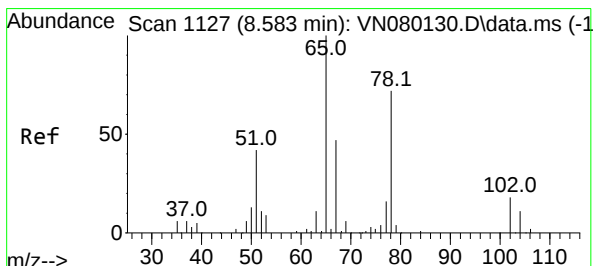
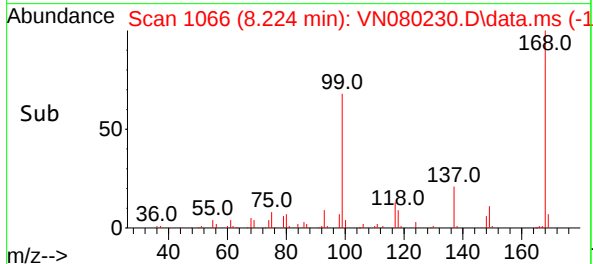
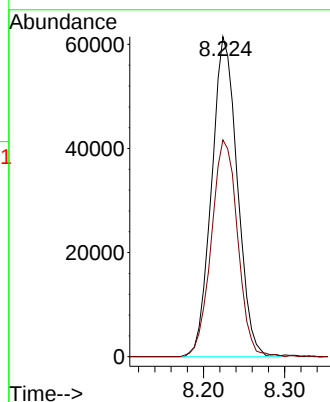
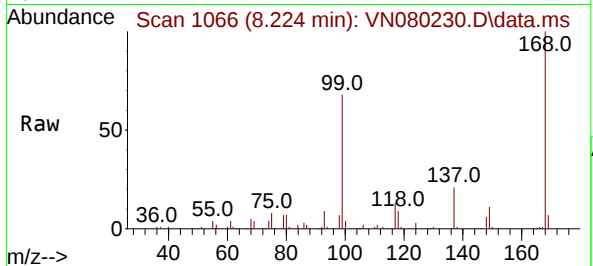




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080230.D
Acq: 21 Nov 2023 14:29

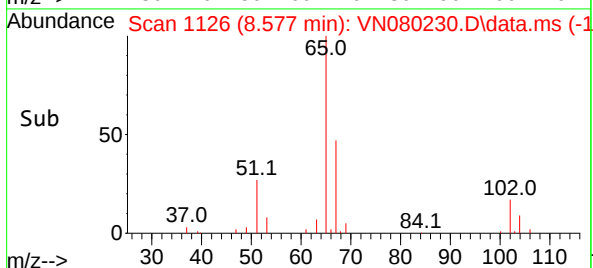
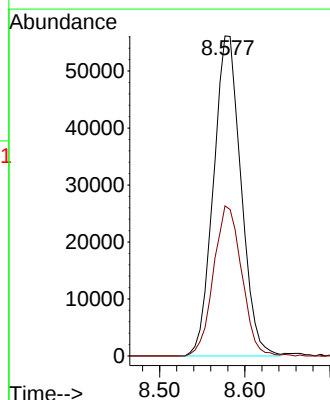
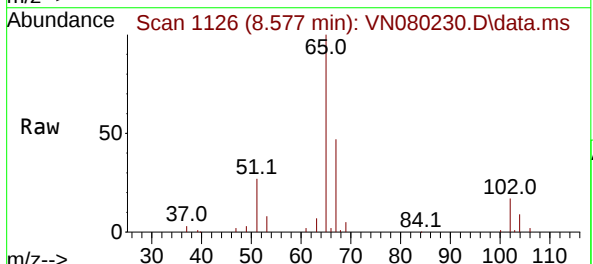
Instrument :
MSVOA_N
ClientSampleId :
COMP-AQ

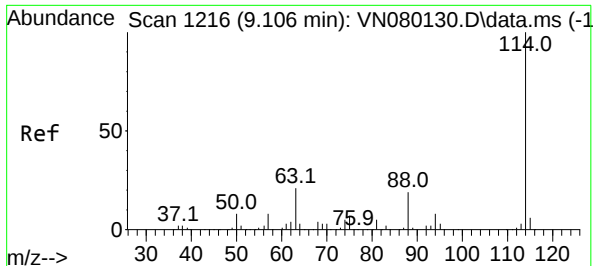
Tgt Ion:168 Resp: 135343
Ion Ratio Lower Upper
168 100
99 67.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 56.444 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080230.D
Acq: 21 Nov 2023 14:29

Tgt Ion: 65 Resp: 126138
Ion Ratio Lower Upper
65 100
67 48.1 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080230.D

Acq: 21 Nov 2023 14:29

Instrument :

MSVOA_N

ClientSampleId :

COMP-AQ

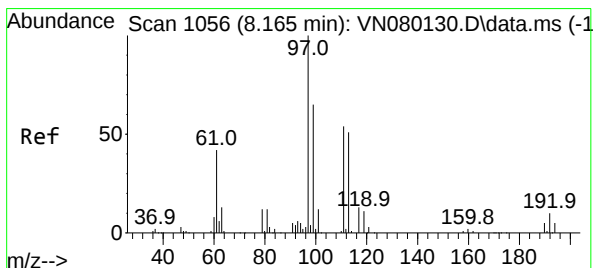
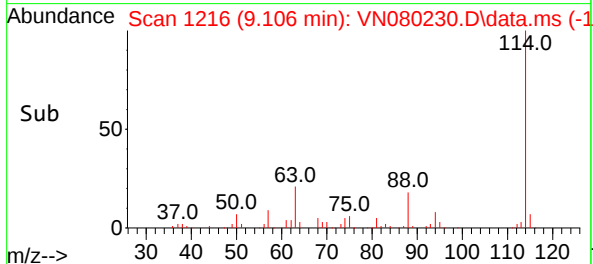
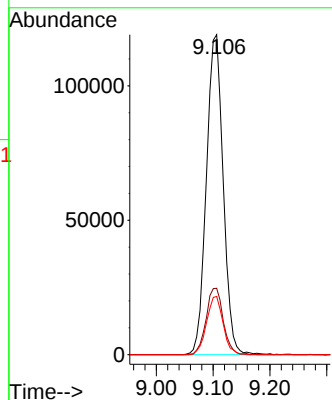
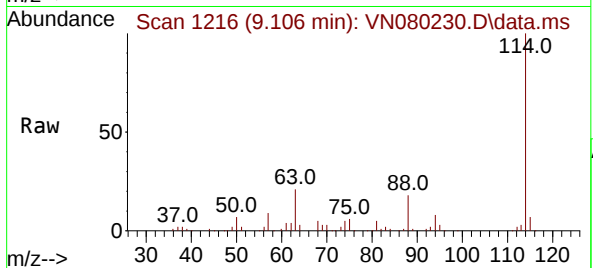
Tgt Ion:114 Resp: 244172

Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.4

88 18.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.277 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080230.D

Acq: 21 Nov 2023 14:29

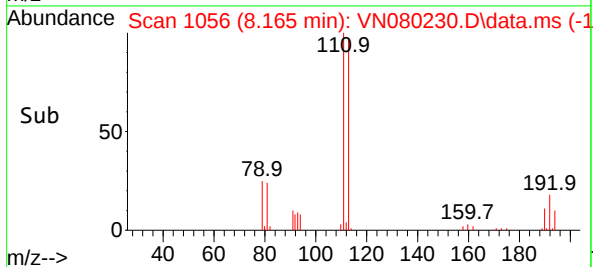
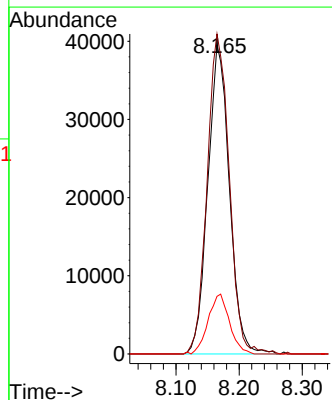
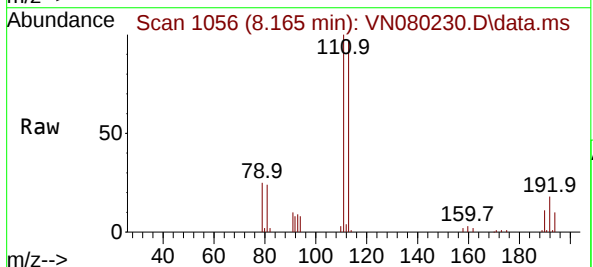
Tgt Ion:113 Resp: 94185

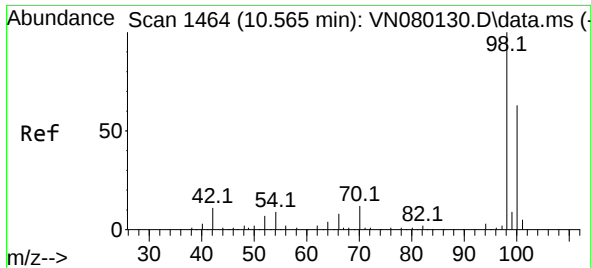
Ion Ratio Lower Upper

113 100

111 105.7 82.6 123.8

192 19.1 12.7 19.1#

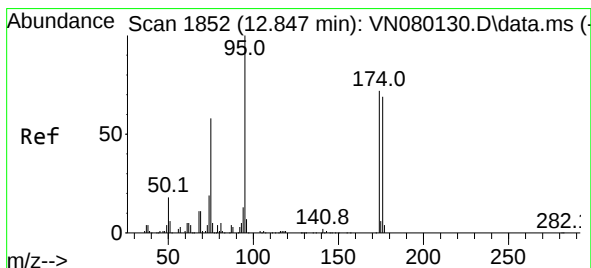
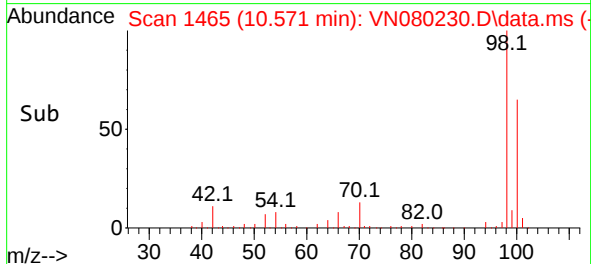
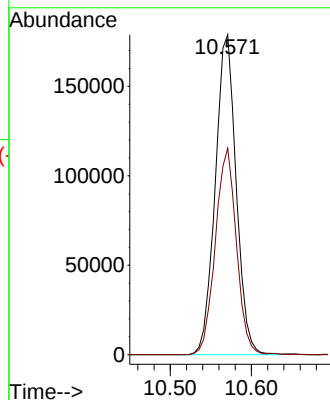
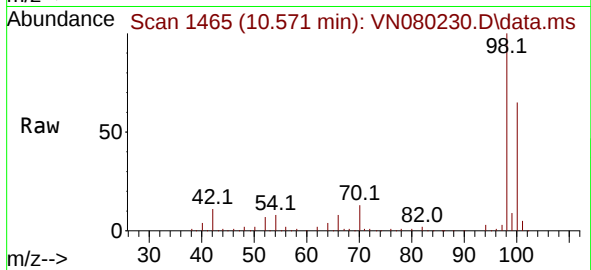




#50
Toluene-d8
Concen: 49.400 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080230.D
Acq: 21 Nov 2023 14:29

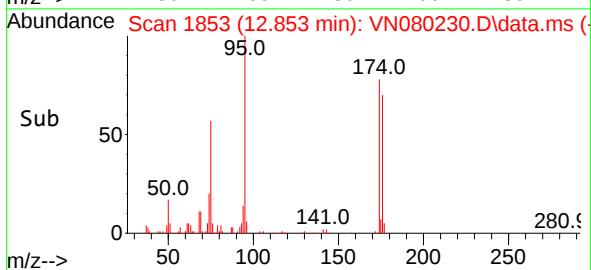
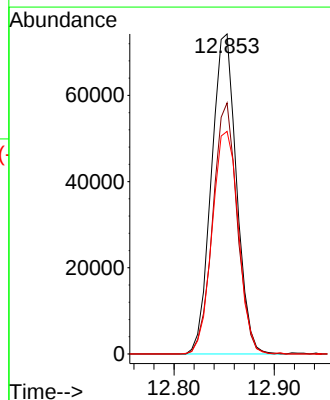
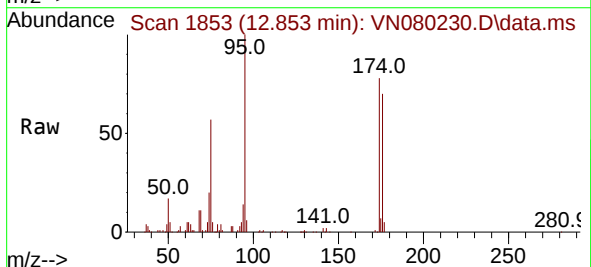
Instrument :
MSVOA_N
ClientSampleId :
COMP-AQ

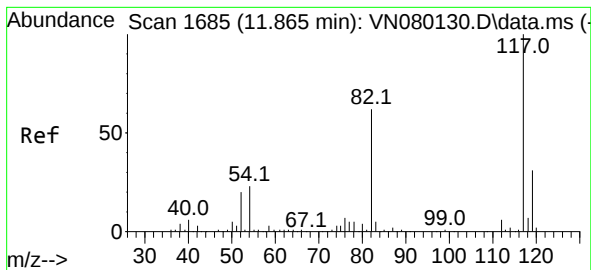
Tgt Ion: 98 Resp: 320836
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.516 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080230.D
Acq: 21 Nov 2023 14:29

Tgt Ion: 95 Resp: 128828
Ion Ratio Lower Upper
95 100
174 76.2 0.0 143.8
176 72.8 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080230.D

Acq: 21 Nov 2023 14:29

Instrument :

MSVOA_N

ClientSampleId :

COMP-AQ

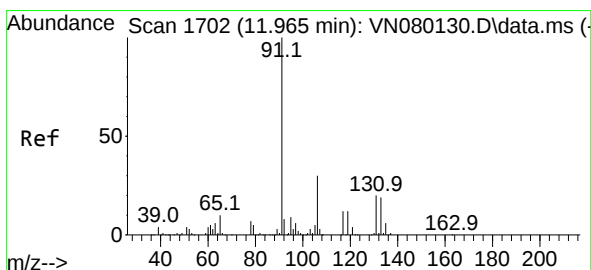
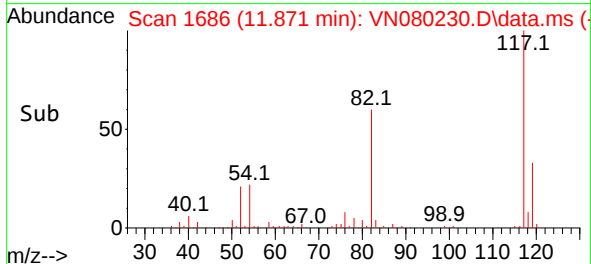
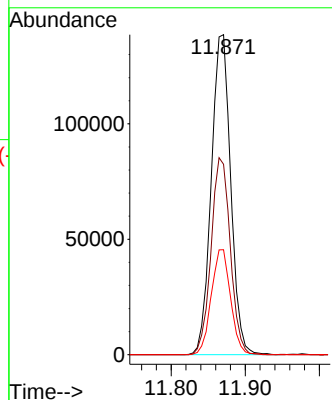
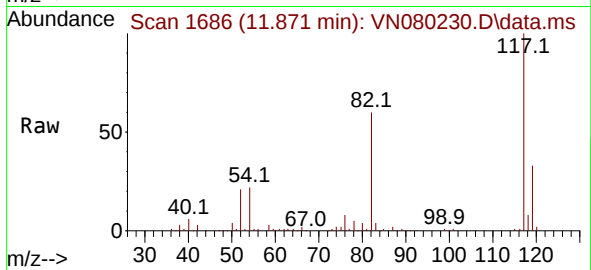
Tgt Ion:117 Resp: 252370

Ion Ratio Lower Upper

117 100

82 59.5 44.0 66.0

119 32.8 25.6 38.4



#67

Ethyl Benzene

Concen: 1.393 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN080230.D

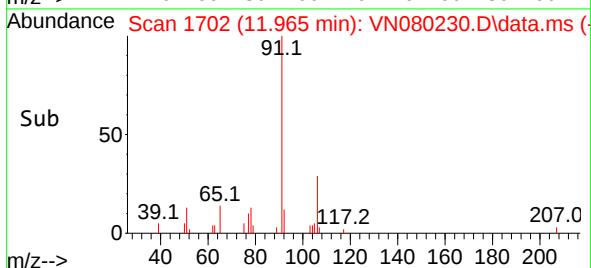
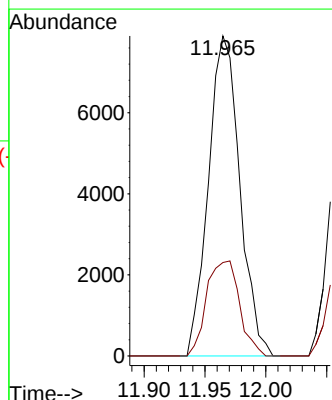
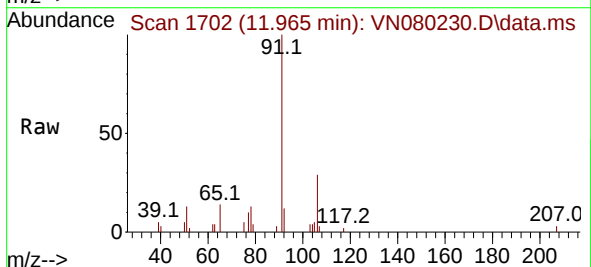
Acq: 21 Nov 2023 14:29

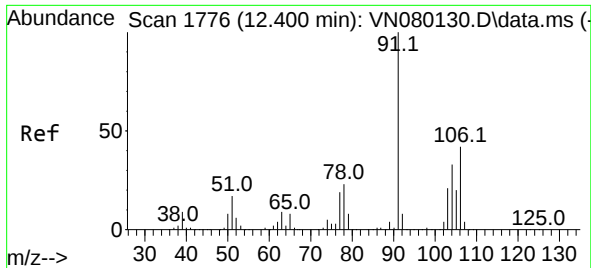
Tgt Ion: 91 Resp: 14171

Ion Ratio Lower Upper

91 100

106 29.2 25.6 38.4

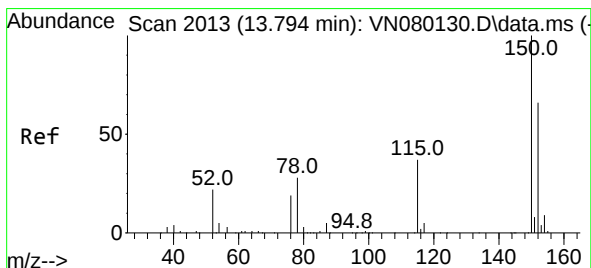
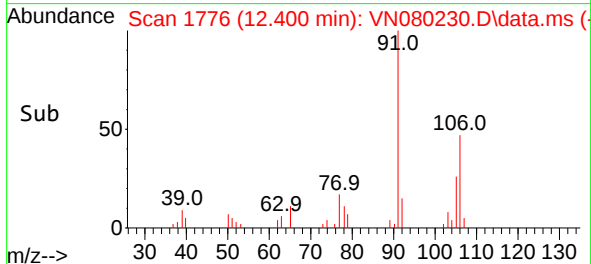
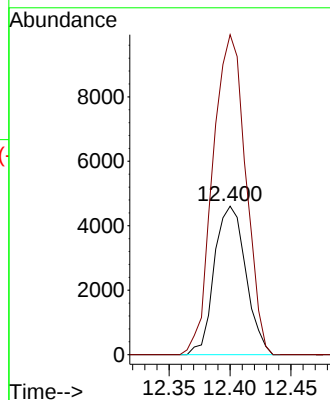
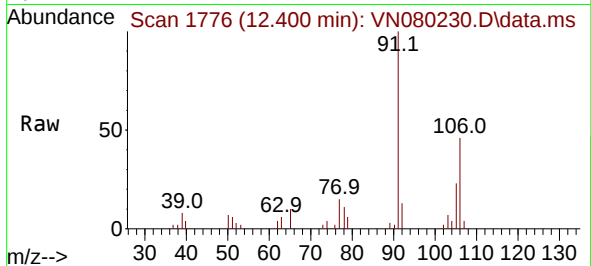




#69
o-Xylene
Concen: 2.367 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080230.D
Acq: 21 Nov 2023 14:29

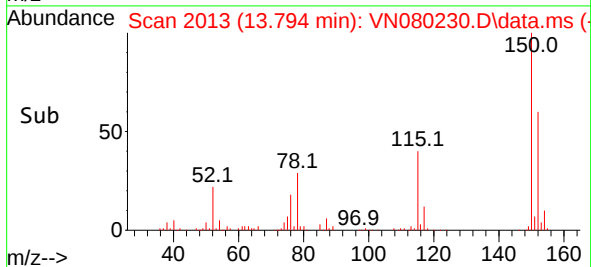
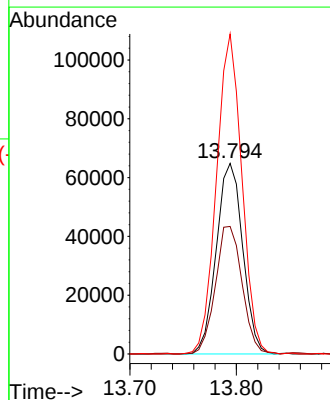
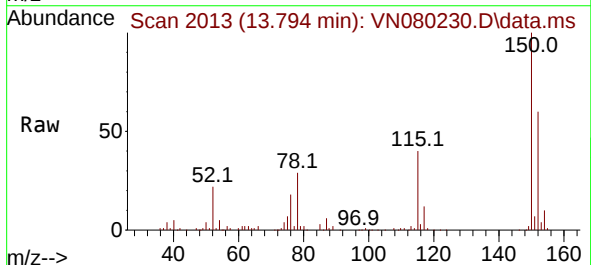
Instrument :
MSVOA_N
ClientSampleId :
COMP-AQ

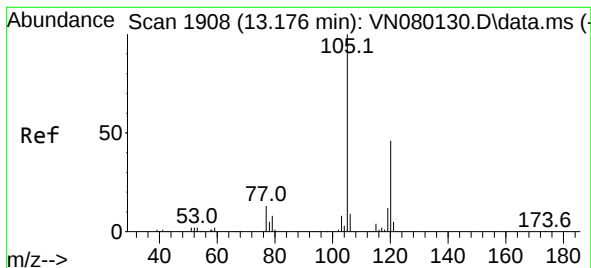
Tgt Ion:106 Resp: 8278
Ion Ratio Lower Upper
106 100
91 225.6 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080230.D
Acq: 21 Nov 2023 14:29

Tgt Ion:152 Resp: 111534
Ion Ratio Lower Upper
152 100
115 67.7 32.3 96.8
150 161.0 0.0 355.8





#80

1,3,5-Trimethylbenzene

Concen: 1.057 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN080230.D

Acq: 21 Nov 2023 14:29

Instrument :

MSVOA_N

ClientSampleId :

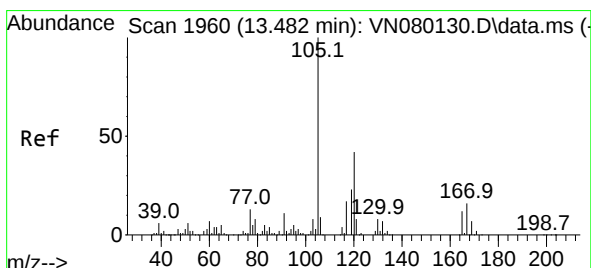
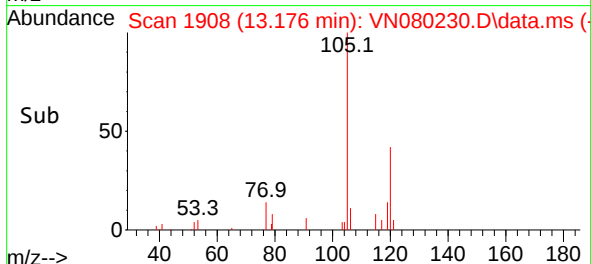
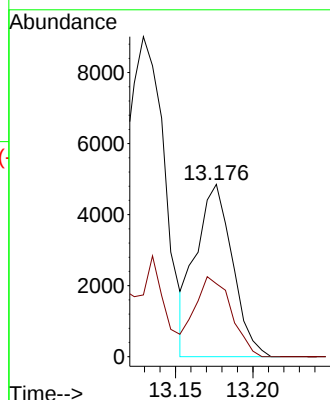
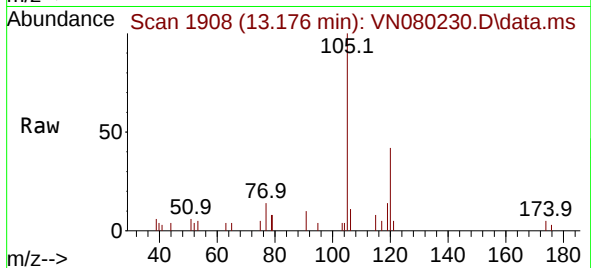
COMP-AQ

Tgt Ion:105 Resp: 7971

Ion Ratio Lower Upper

105 100

120 46.4 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 1.387 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN080230.D

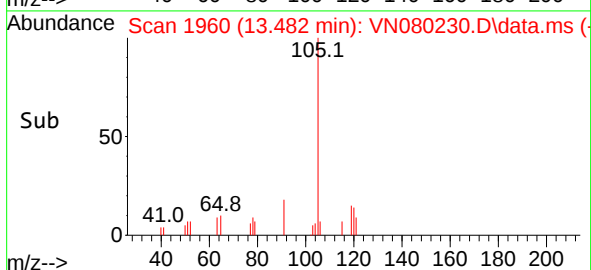
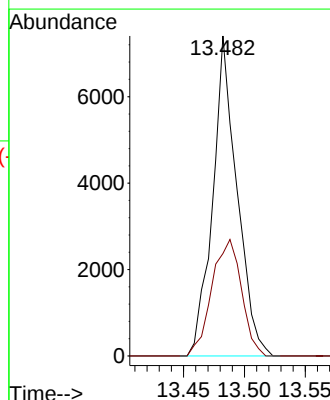
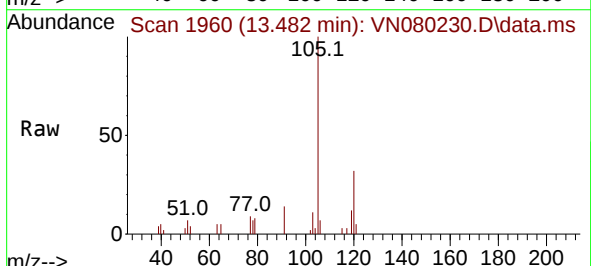
Acq: 21 Nov 2023 14:29

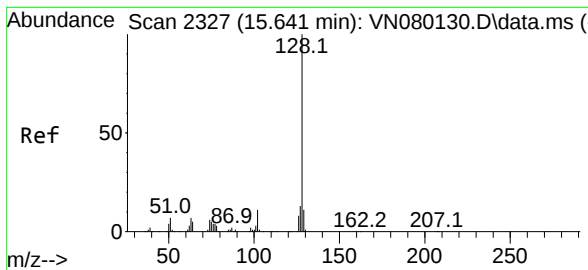
Tgt Ion:105 Resp: 10304

Ion Ratio Lower Upper

105 100

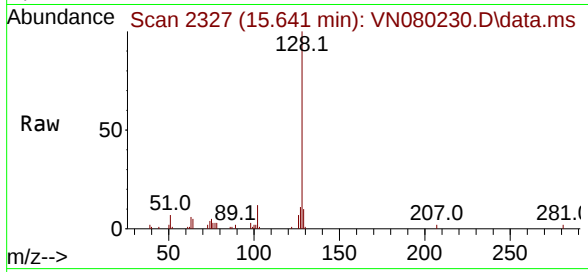
120 44.4 22.0 66.0





#95
Naphthalene
Concen: 6.522 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN080230.D
Acq: 21 Nov 2023 14:29

Instrument :
MSVOA_N
ClientSampleId :
COMP-AQ



Tgt Ion:	128	Resp:	41440
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.0	15.0
129	11.4	8.7	13.1

