

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
 Data File : VN080523.D
 Acq On : 19 Dec 2023 16:21
 Operator : JC\MD
 Sample : 05874-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Dec 20 04:04:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	217094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	412129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	436971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	208635	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	159642	57.575	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.140%
35) Dibromofluoromethane	8.165	113	133665	51.153	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.300%
50) Toluene-d8	10.565	98	484945	49.762	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.520%
62) 4-Bromofluorobenzene	12.853	95	203217	54.915	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.840%

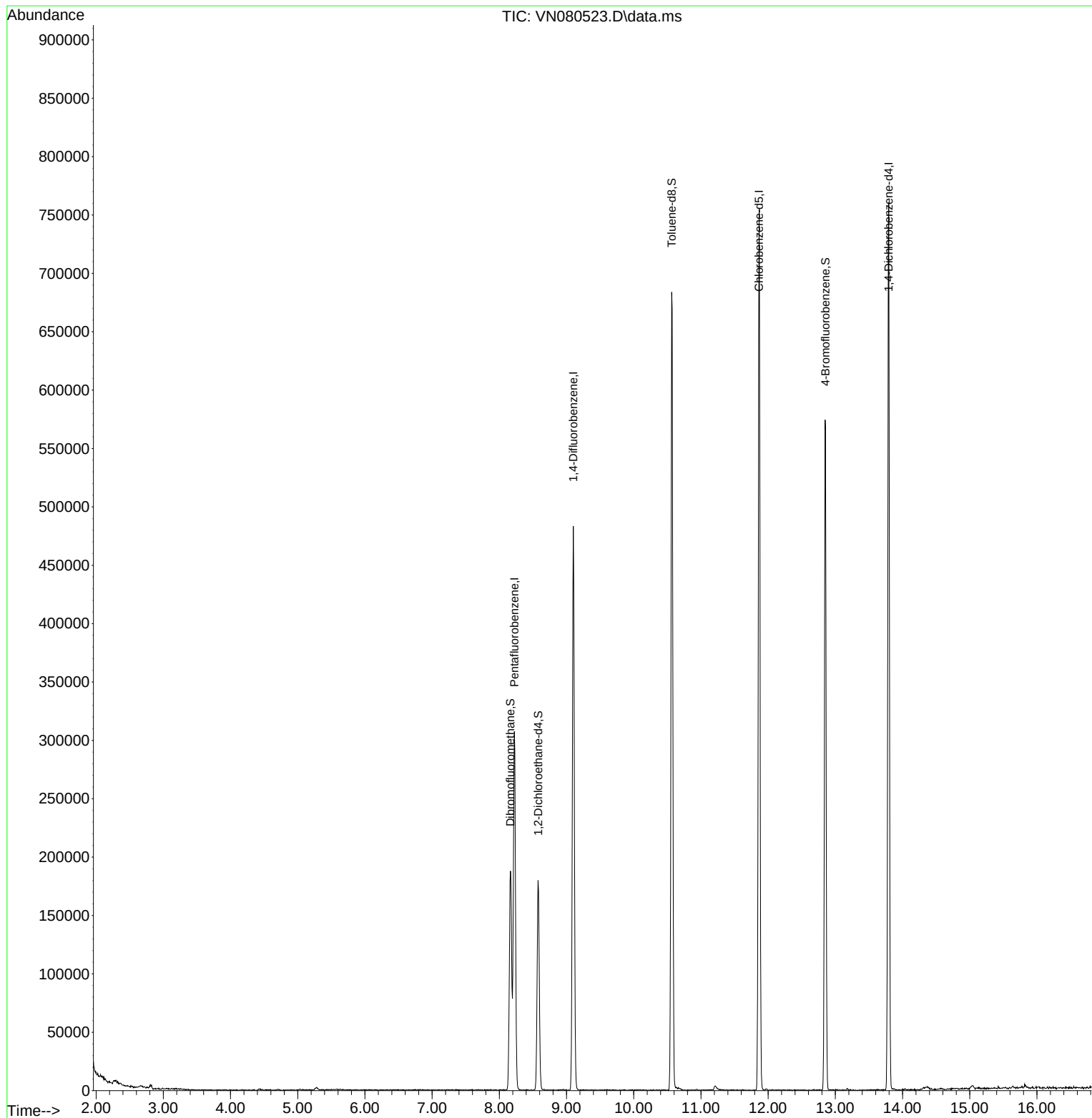
Target Compounds	Qvalue

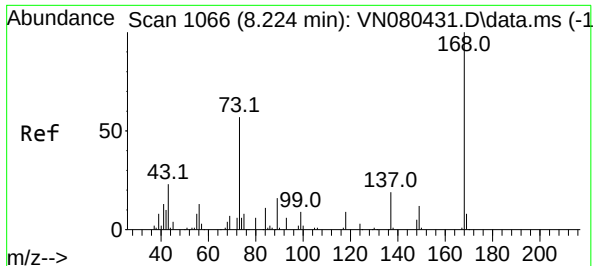
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
Data File : VN080523.D
Acq On : 19 Dec 2023 16:21
Operator : JC\MD
Sample : 05874-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Dec 20 04:04:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 13 01:57:14 2023
Response via : Initial Calibration

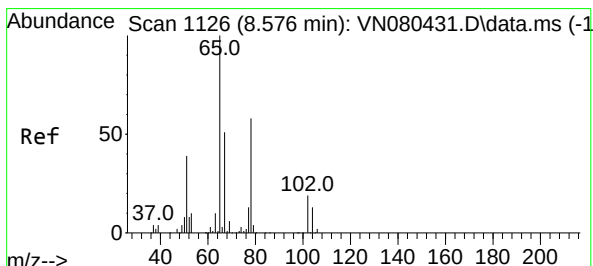
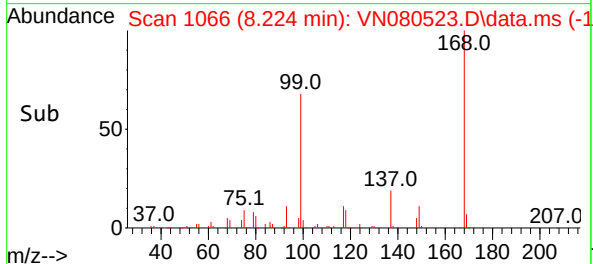
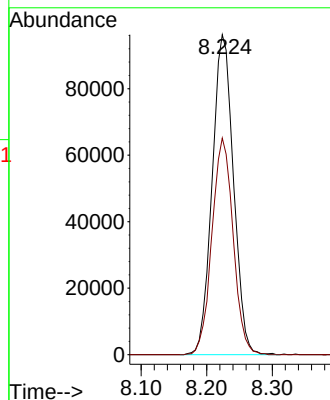
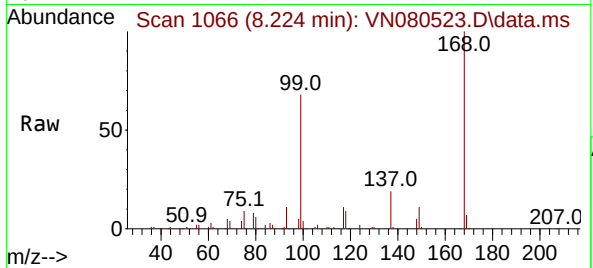




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080523.D
Acq: 19 Dec 2023 16:21

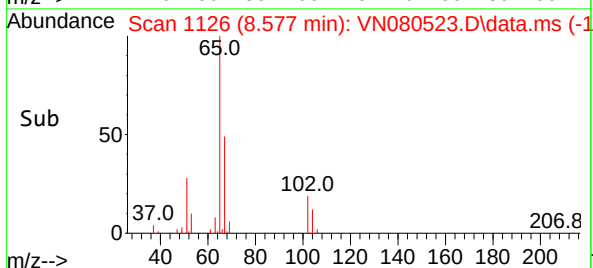
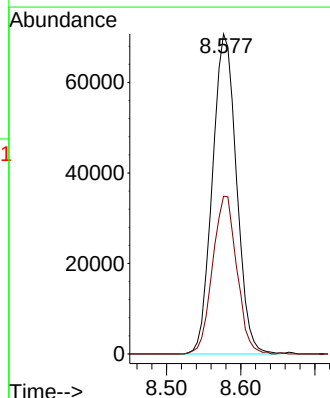
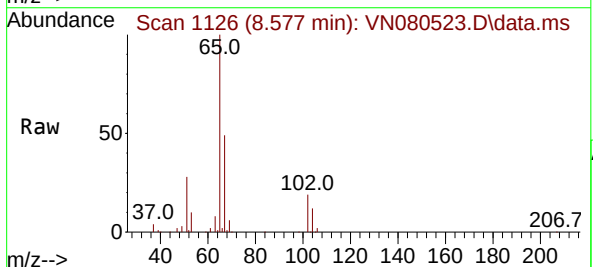
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

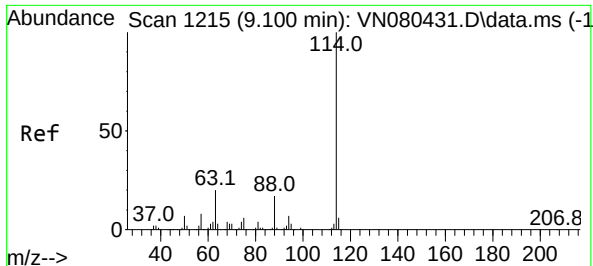
Tgt Ion:168 Resp: 217094
Ion Ratio Lower Upper
168 100
99 67.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 57.575 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080523.D
Acq: 19 Dec 2023 16:21

Tgt Ion: 65 Resp: 159642
Ion Ratio Lower Upper
65 100
67 49.6 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080523.D

Acq: 19 Dec 2023 16:21

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

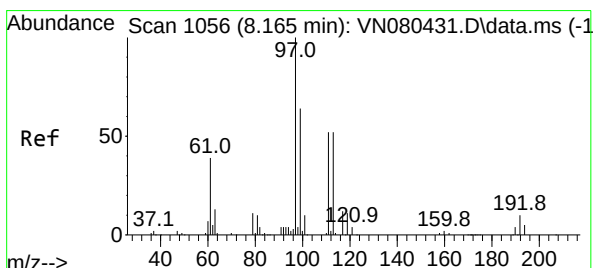
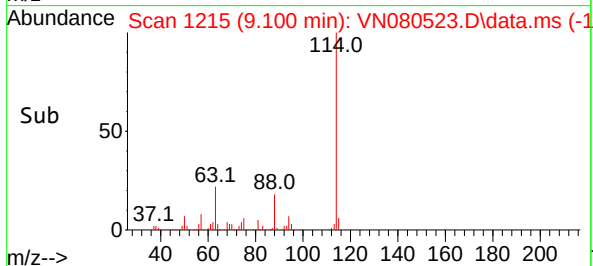
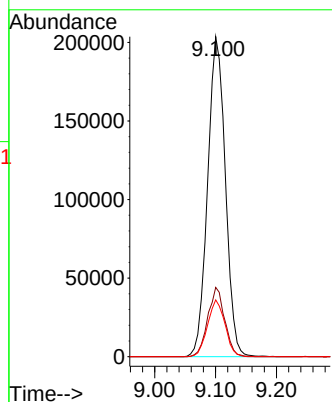
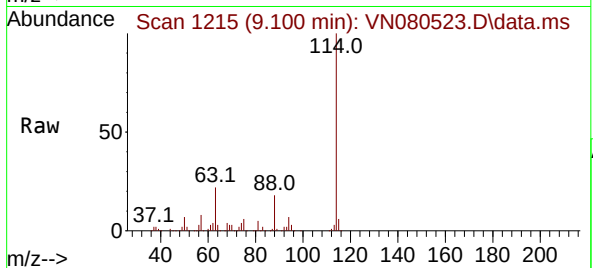
Tgt Ion:114 Resp: 412129

Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.4

88 17.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.153 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080523.D

Acq: 19 Dec 2023 16:21

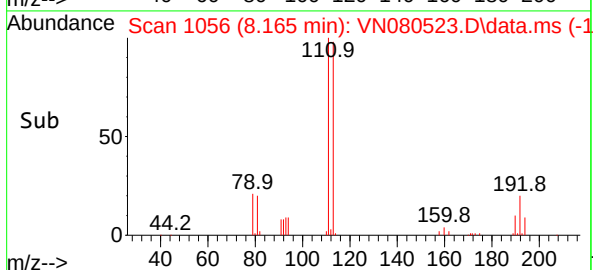
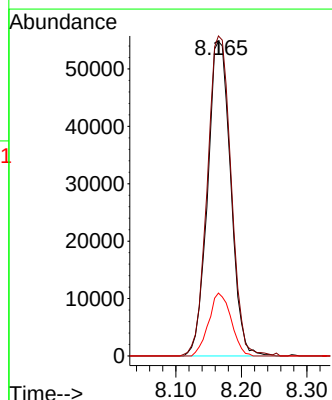
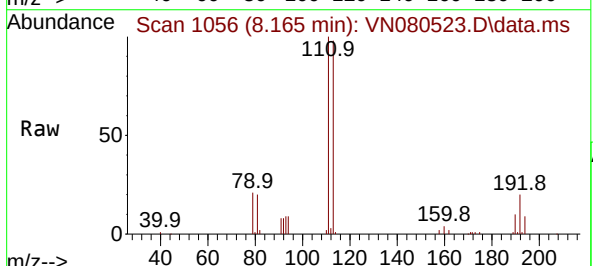
Tgt Ion:113 Resp: 133665

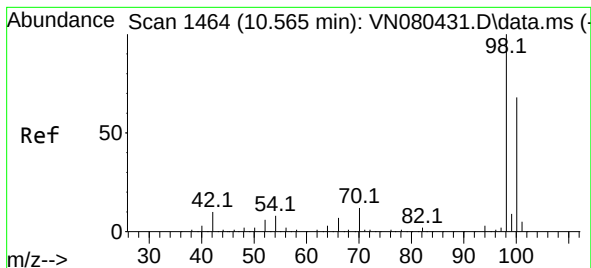
Ion Ratio Lower Upper

113 100

111 104.9 82.6 123.8

192 19.5 12.7 19.1#





#50

Toluene-d8

Concen: 49.762 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080523.D

Acq: 19 Dec 2023 16:21

Instrument :

MSVOA_N

ClientSampleId :

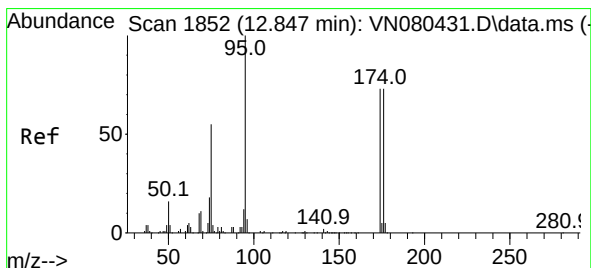
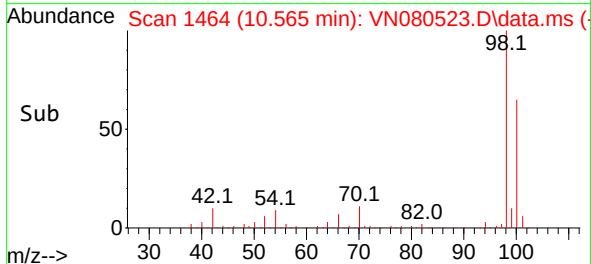
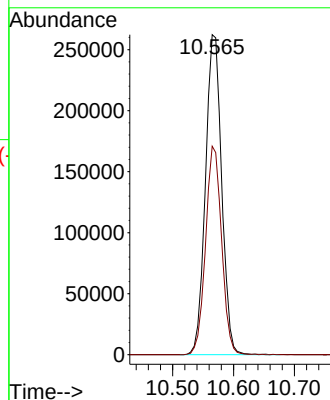
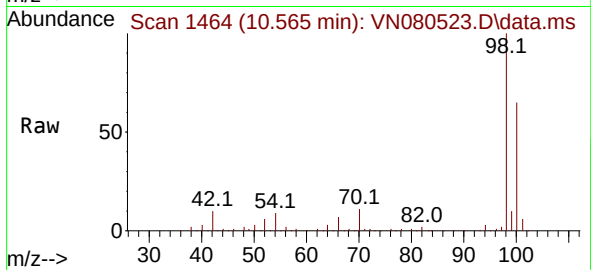
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 98 Resp: 484945

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 54.915 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN080523.D

Acq: 19 Dec 2023 16:21

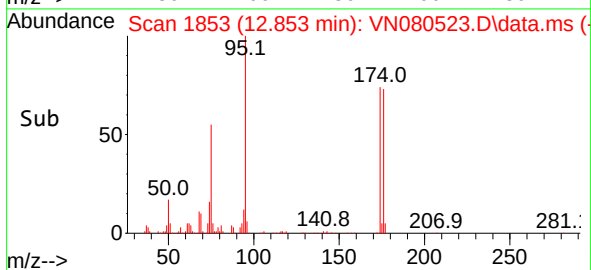
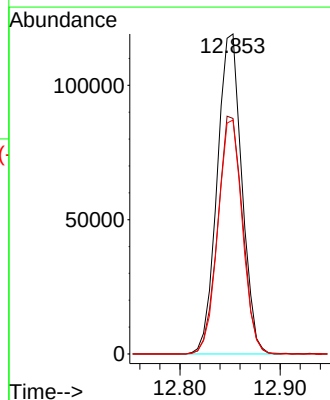
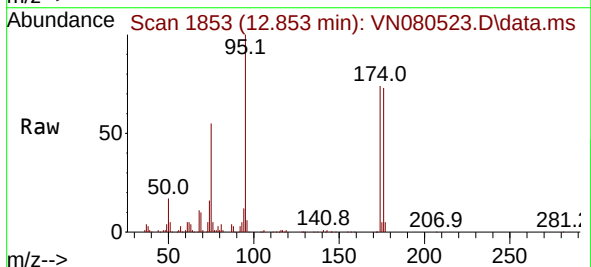
Tgt Ion: 95 Resp: 203217

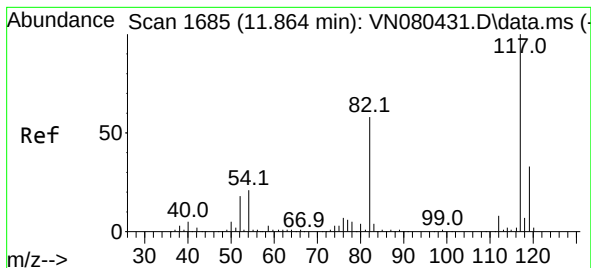
Ion Ratio Lower Upper

95 100

174 74.9 0.0 143.8

176 72.4 0.0 135.8

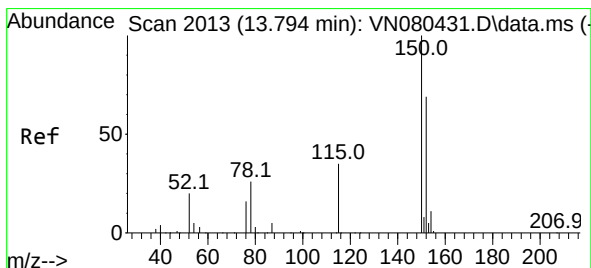
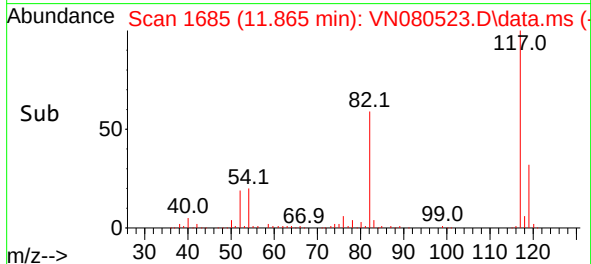
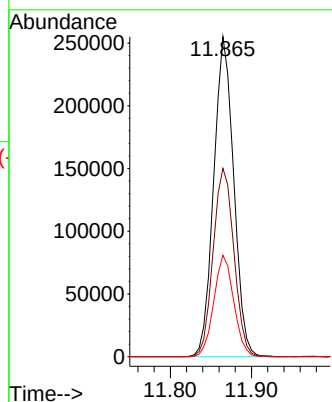
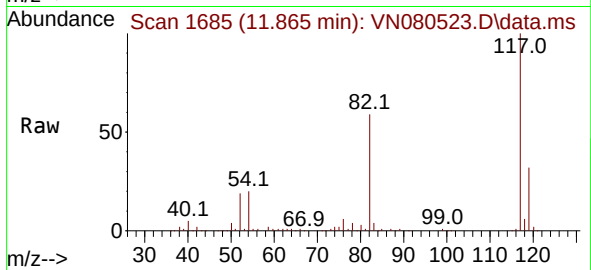




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080523.D
Acq: 19 Dec 2023 16:21

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:117 Resp: 436971
Ion Ratio Lower Upper
117 100
82 58.9 44.0 66.0
119 31.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080523.D
Acq: 19 Dec 2023 16:21

Tgt Ion:152 Resp: 208635
Ion Ratio Lower Upper
152 100
115 64.2 32.3 96.8
150 154.0 0.0 355.8

