

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
 Data File : VN080528.D
 Acq On : 19 Dec 2023 18:20
 Operator : JC\MD
 Sample : 05872-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 215-0207

Quant Time: Dec 20 04:05:55 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)

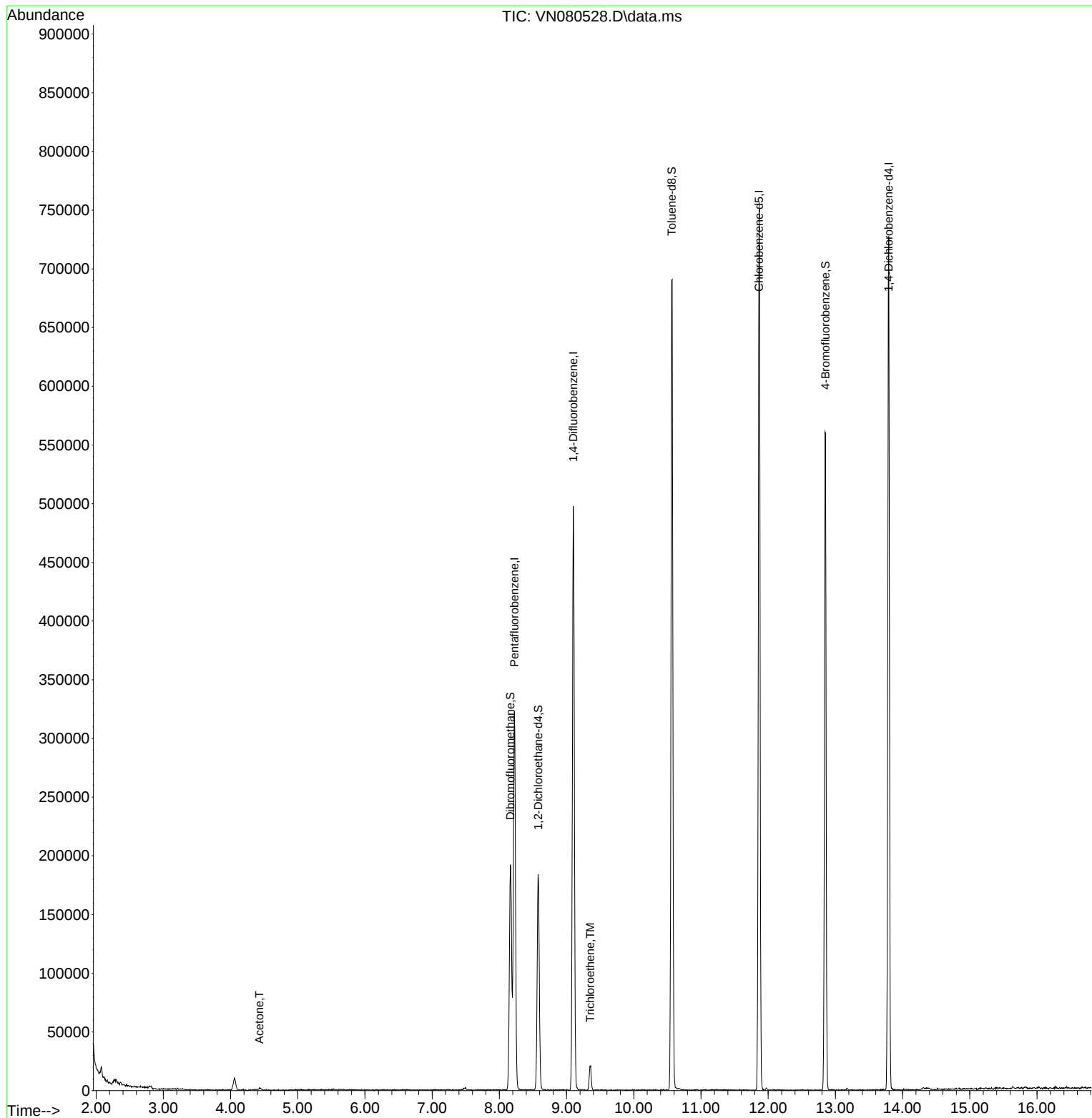
Internal Standards						
1) Pentafluorobenzene	8.224	168	230804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	429785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	444591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	195573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	160703	54.515	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.020%	
35) Dibromofluoromethane	8.165	113	137186	50.343	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.680%	
50) Toluene-d8	10.565	98	497457	48.948	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.900%	
62) 4-Bromofluorobenzene	12.853	95	200721	52.012	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.020%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	3078	5.889	ug/l #	77
44) Trichloroethene	9.353	130	7960	2.295	ug/l	93

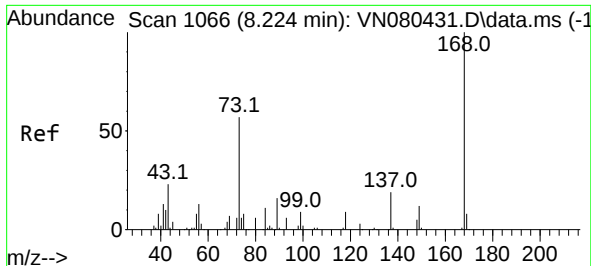
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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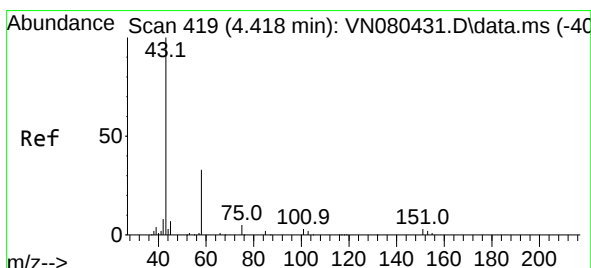
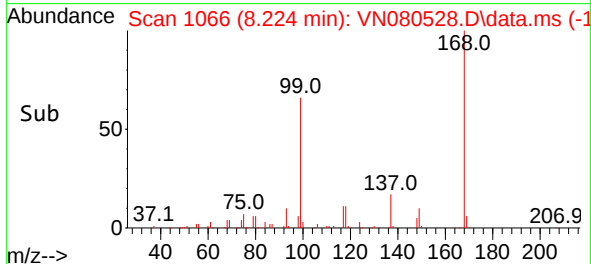
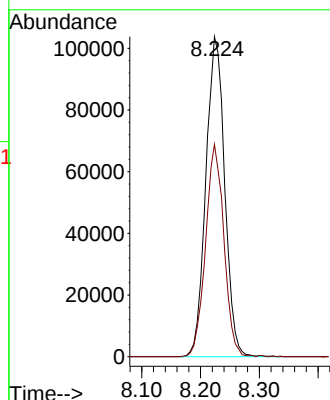
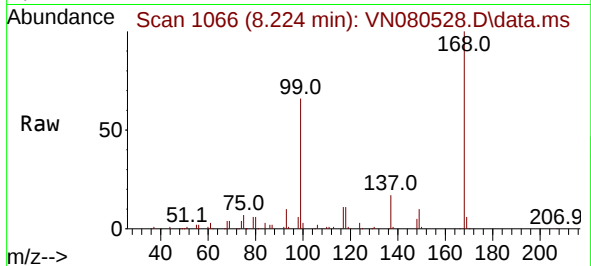




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080528.D
Acq: 19 Dec 2023 18:20

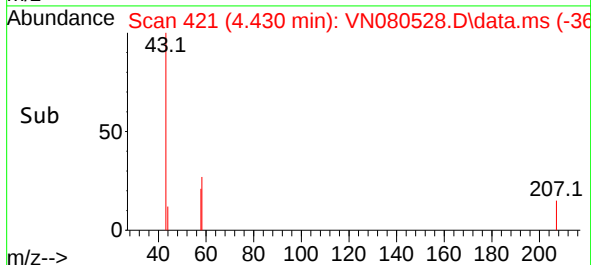
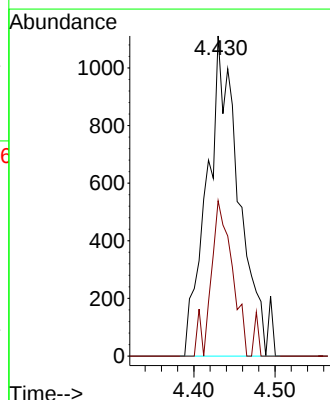
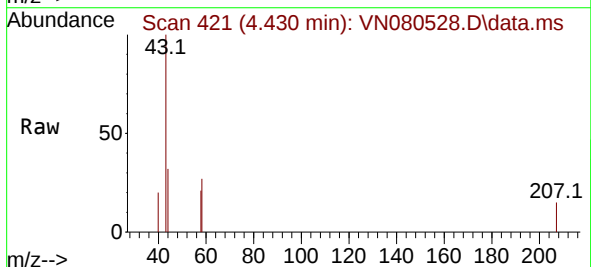
Instrument :
MSVOA_N
ClientSampleId :
215-0207

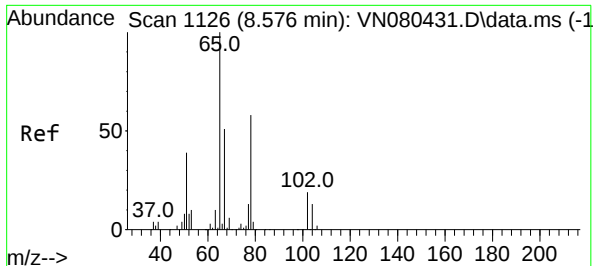
Tgt Ion:168 Resp: 230804
Ion Ratio Lower Upper
168 100
99 66.4 53.0 79.6



#16
Acetone
Concen: 5.889 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN080528.D
Acq: 19 Dec 2023 18:20

Tgt Ion: 43 Resp: 3078
Ion Ratio Lower Upper
43 100
58 48.5 28.0 42.0#





#33

1,2-Dichloroethane-d4

Concen: 54.515 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080528.D

Acq: 19 Dec 2023 18:20

Instrument :

MSVOA_N

ClientSampleId :

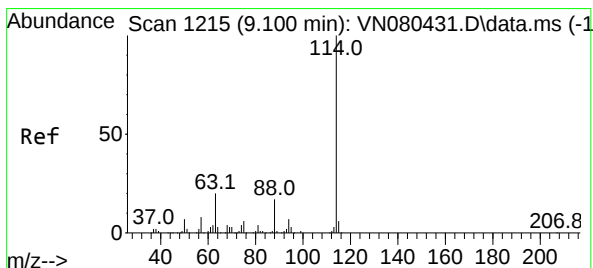
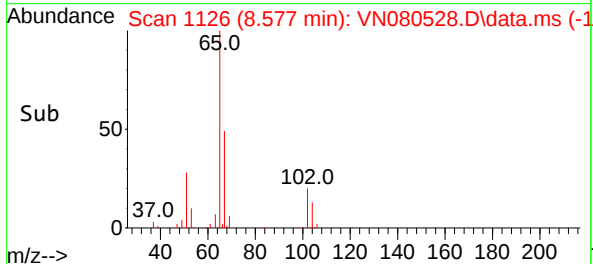
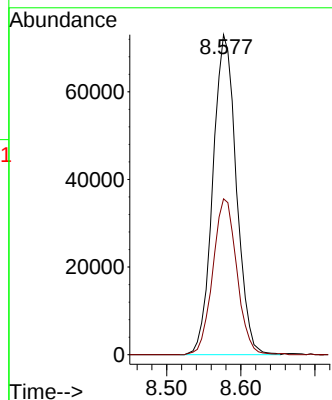
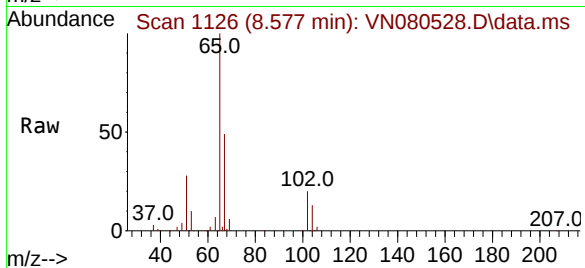
215-0207

Tgt Ion: 65 Resp: 160703

Ion Ratio Lower Upper

65 100

67 49.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080528.D

Acq: 19 Dec 2023 18:20

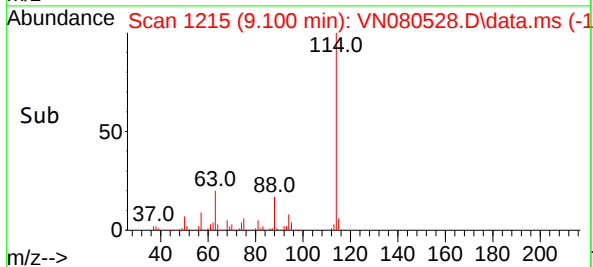
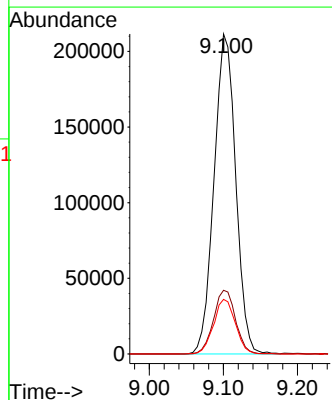
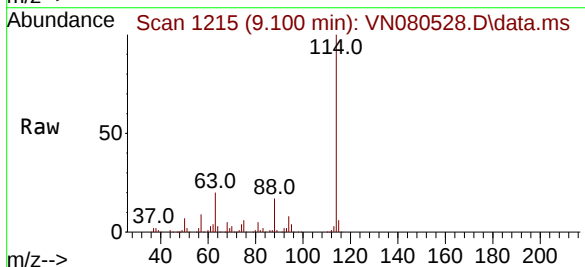
Tgt Ion: 114 Resp: 429785

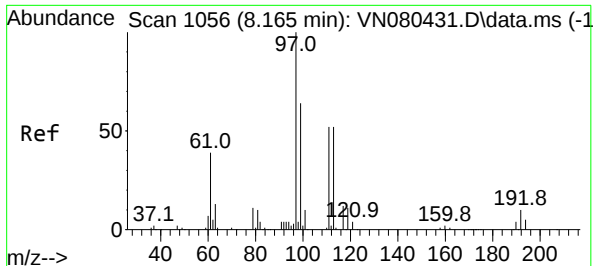
Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.4

88 17.0 0.0 30.6

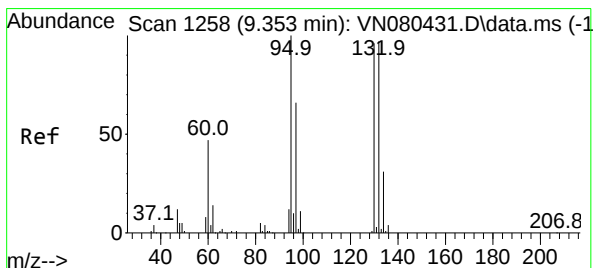
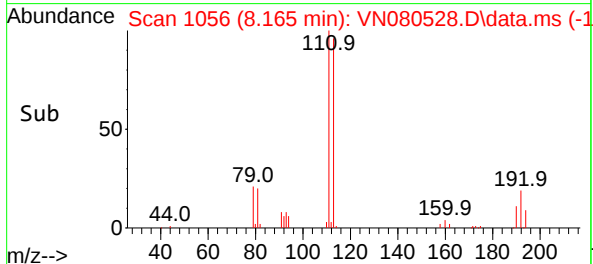
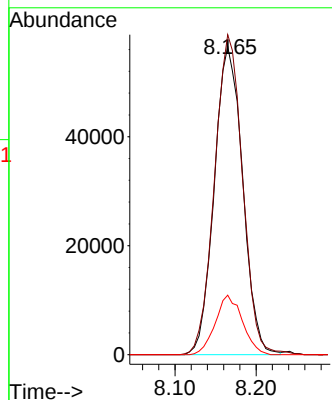
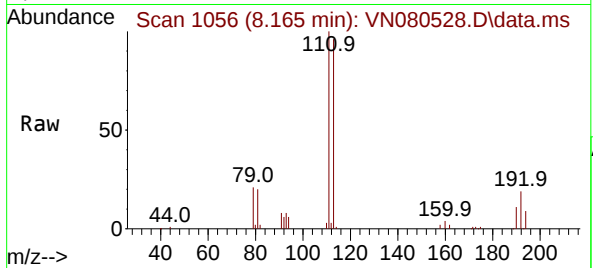




#35
Dibromofluoromethane
Concen: 50.343 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080528.D
Acq: 19 Dec 2023 18:20

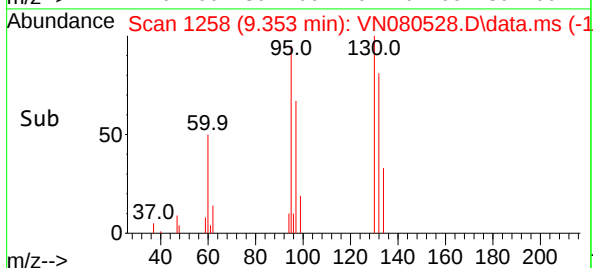
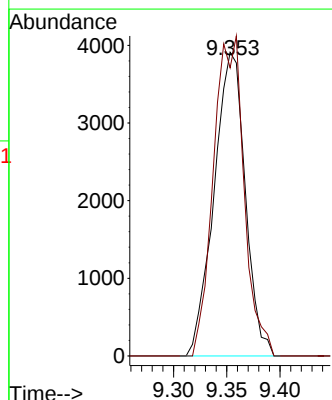
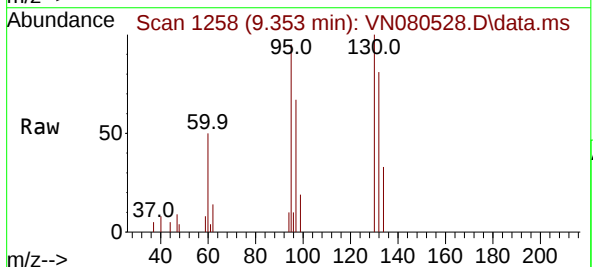
Instrument :
MSVOA_N
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215-0207

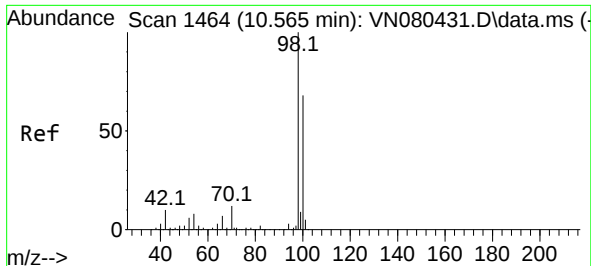
Tgt Ion:113 Resp: 137186
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 18.5 12.7 19.1



#44
Trichloroethene
Concen: 2.295 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080528.D
Acq: 19 Dec 2023 18:20

Tgt Ion:130 Resp: 7960
Ion Ratio Lower Upper
130 100
95 94.9 0.0 204.6

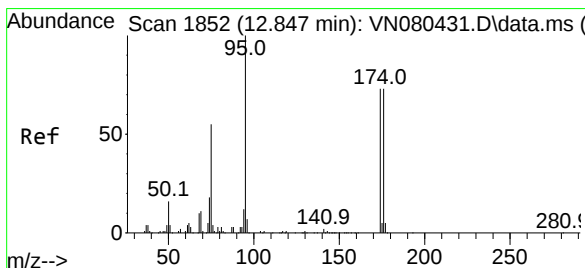
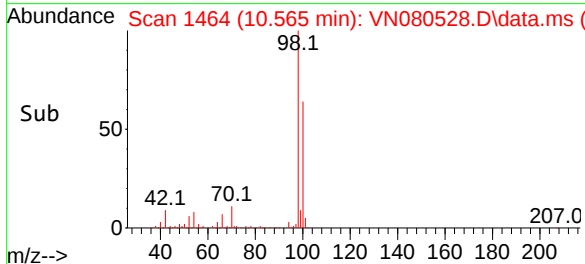
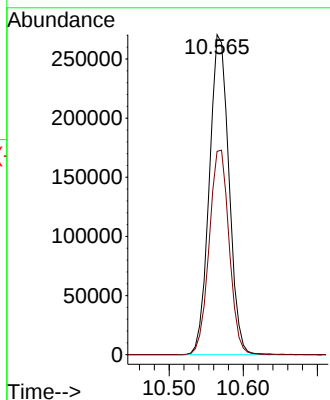
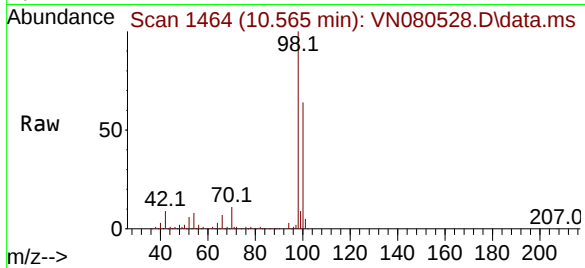




#50
Toluene-d8
Concen: 48.948 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080528.D
Acq: 19 Dec 2023 18:20

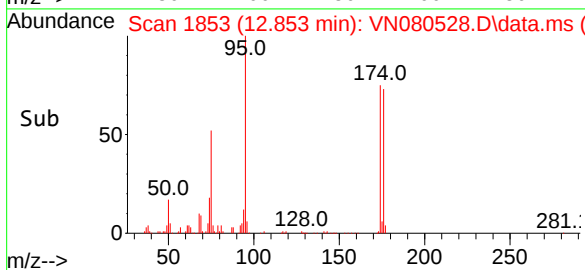
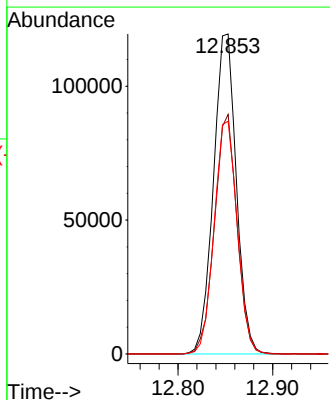
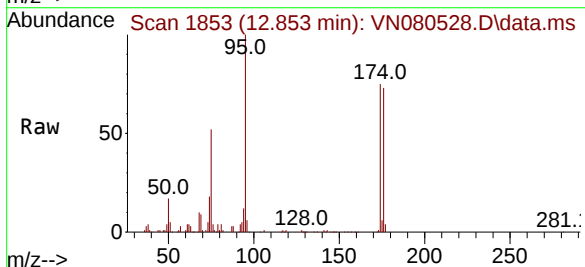
Instrument :
MSVOA_N
ClientSampleId :
215-0207

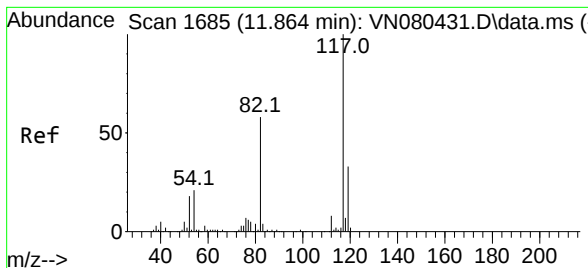
Tgt Ion: 98 Resp: 497457
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.012 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080528.D
Acq: 19 Dec 2023 18:20

Tgt Ion: 95 Resp: 200721
Ion Ratio Lower Upper
95 100
174 73.4 0.0 143.8
176 73.3 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: VN080528.D

Acq: 19 Dec 2023 18:20

Instrument :

MSVOA_N

ClientSampleId :

215-0207

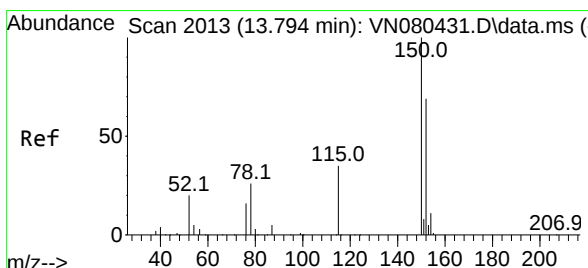
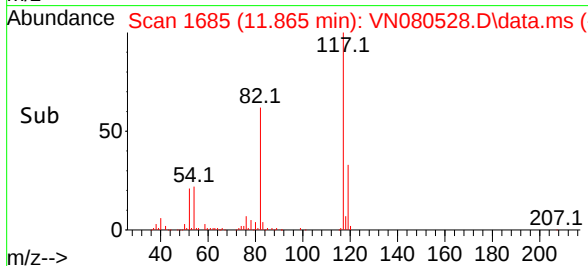
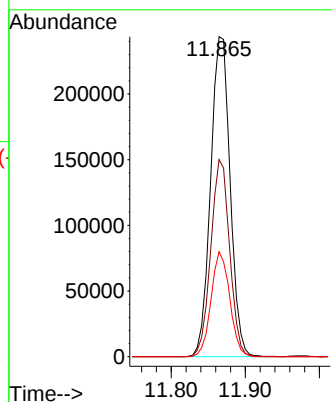
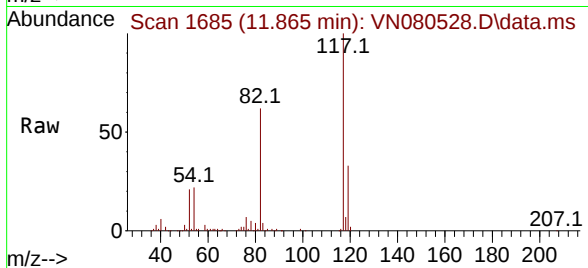
Tgt Ion:117 Resp: 444591

Ion Ratio Lower Upper

117 100

82 61.6 44.0 66.0

119 32.8 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: VN080528.D

Acq: 19 Dec 2023 18:20

Tgt Ion:152 Resp: 195573

Ion Ratio Lower Upper

152 100

115 66.9 32.3 96.8

150 157.6 0.0 355.8

