

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121423\
 Data File : VN080487.D
 Acq On : 14 Dec 2023 17:03
 Operator : JC\MD
 Sample : 05688-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7

Quant Time: Dec 15 00:30:21 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)

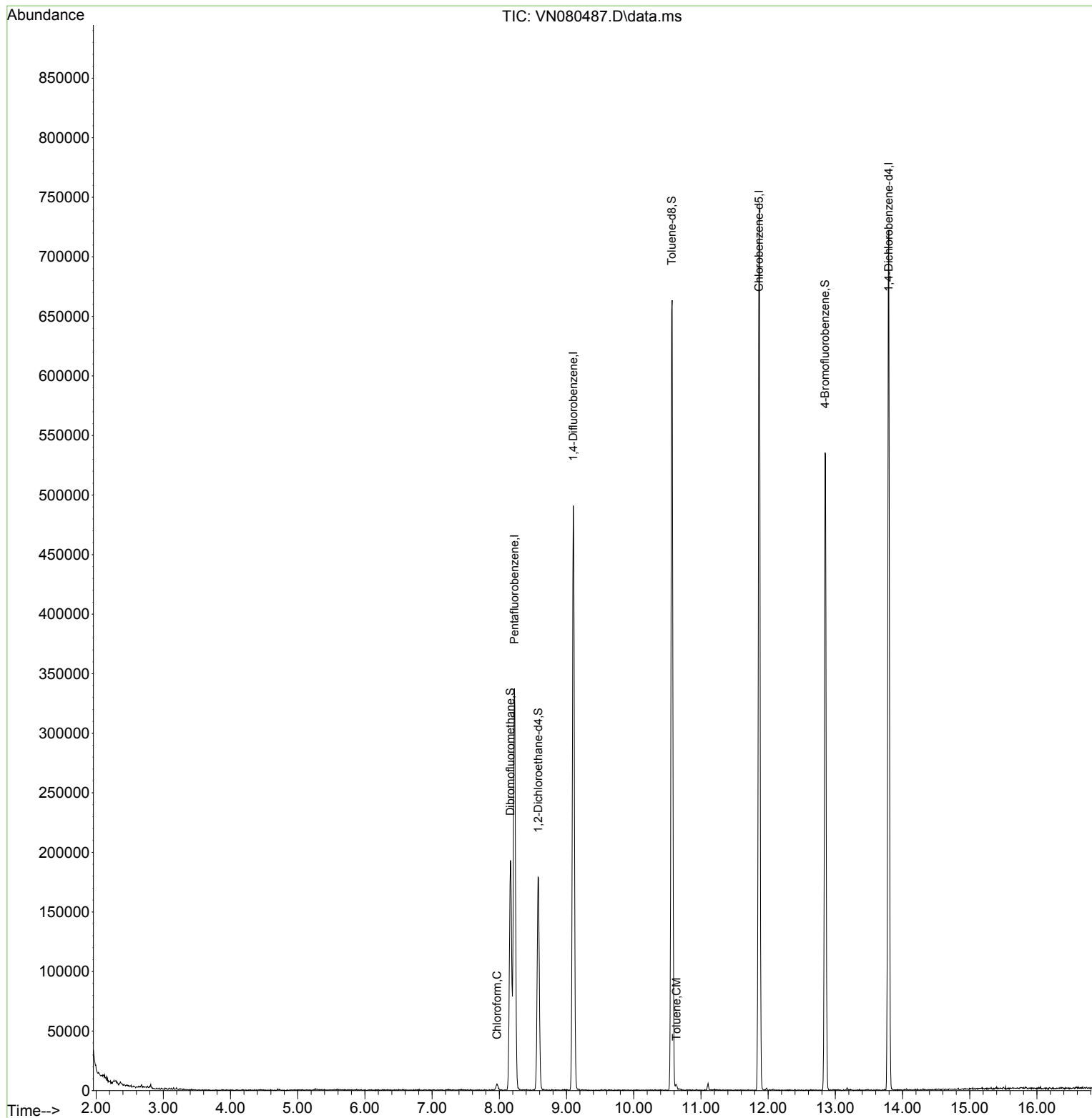
Internal Standards						
1) Pentafluorobenzene	8.224	168	238658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	423915	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	430050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	192772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	160107	52.525	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.040%	
35) Dibromofluoromethane	8.165	113	137209	51.049	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.100%	
50) Toluene-d8	10.565	98	474345	47.321	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.640%	
62) 4-Bromofluorobenzene	12.847	95	192030	50.449	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.900%	
Target Compounds						
					Qvalue	
30) Chloroform	7.965	83	5141	0.969	ug/l	98
52) Toluene	10.635	92	1877	0.234	ug/l	97

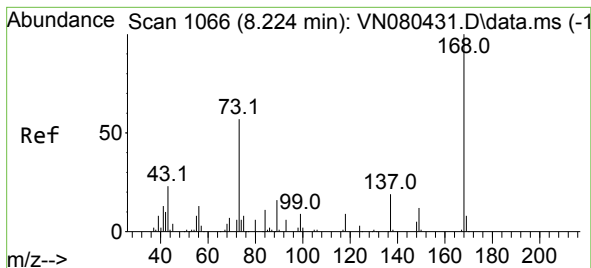
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN080487.D

Acq: 14 Dec 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

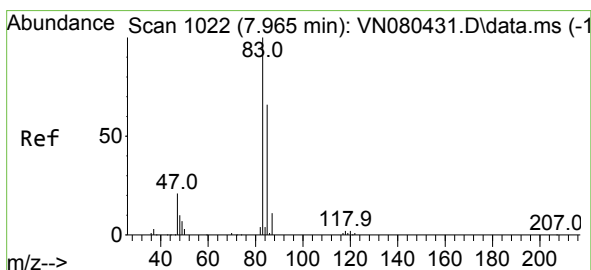
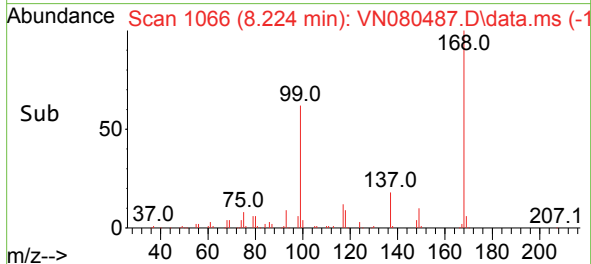
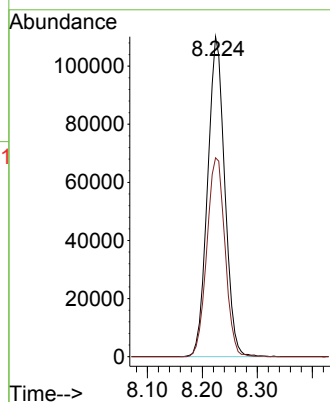
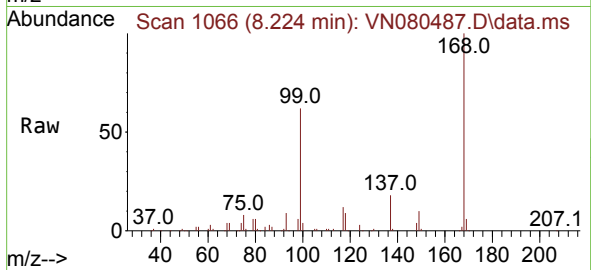
MW-7

Tgt Ion:168 Resp: 238658

Ion Ratio Lower Upper

168 100

99 62.1 53.0 79.6



#30

Chloroform

Concen: 0.969 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN080487.D

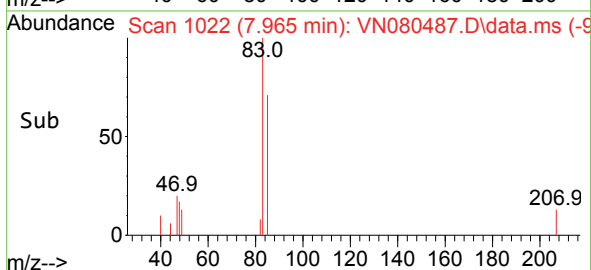
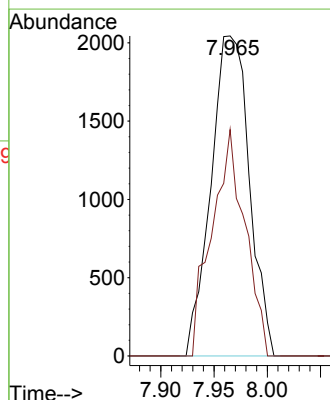
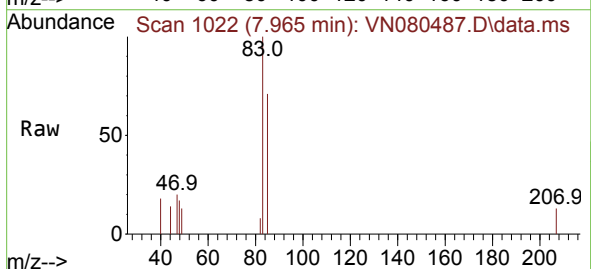
Acq: 14 Dec 2023 17:03

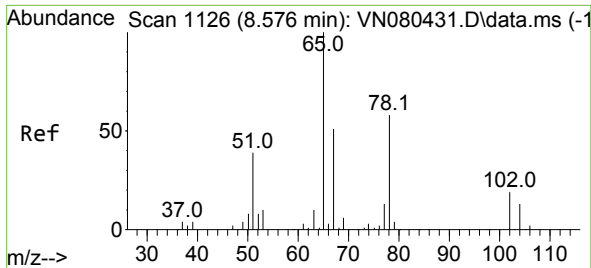
Tgt Ion: 83 Resp: 5141

Ion Ratio Lower Upper

83 100

85 70.7 55.4 83.0

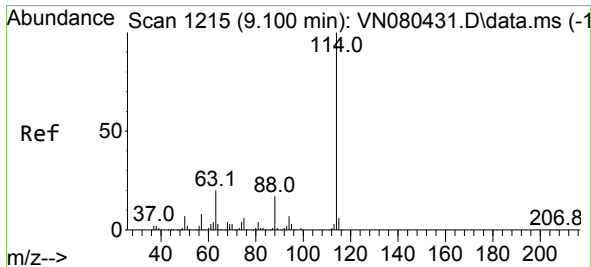
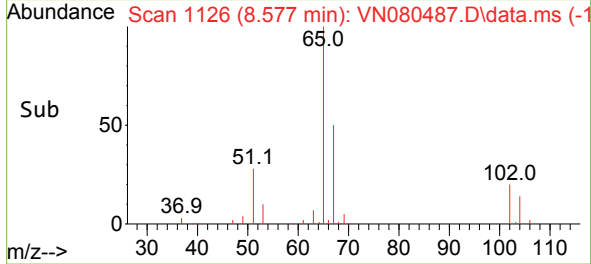
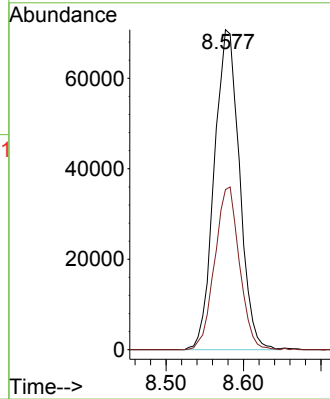
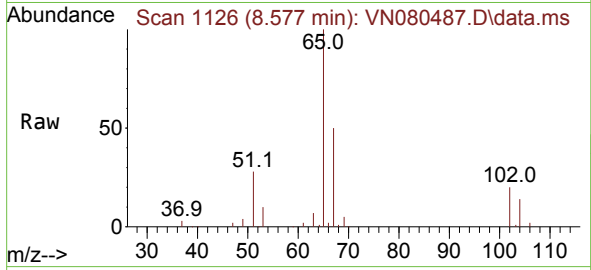




#33
 1,2-Dichloroethane-d4
 Concen: 52.525 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN080487.D
 Acq: 14 Dec 2023 17:03

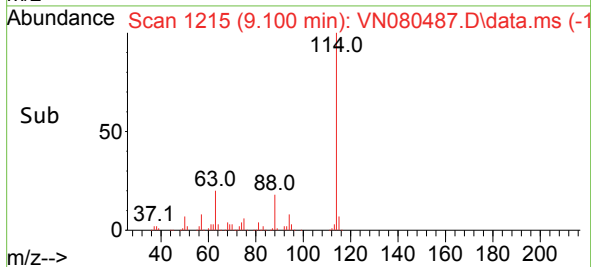
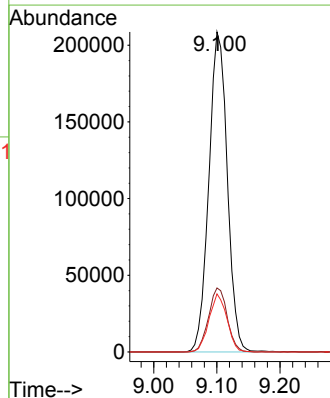
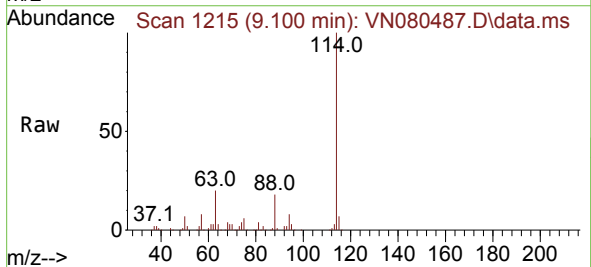
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7

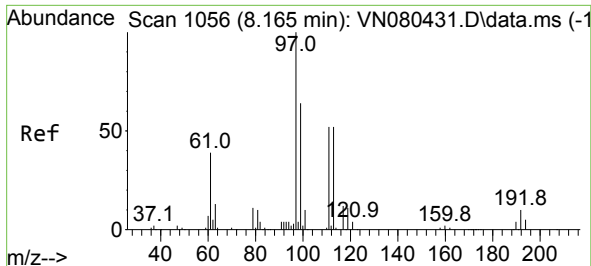
Tgt Ion: 65 Resp: 160107
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN080487.D
 Acq: 14 Dec 2023 17:03

Tgt Ion: 114 Resp: 423915
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 36.4
 88 18.2 0.0 30.6

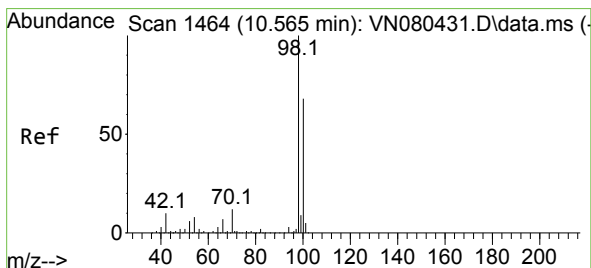
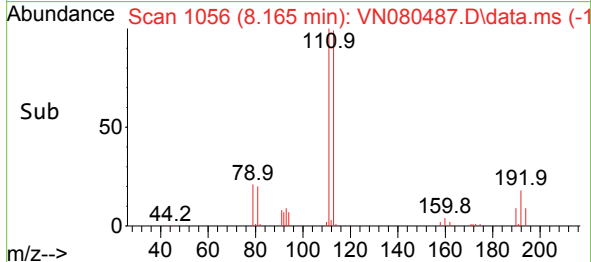
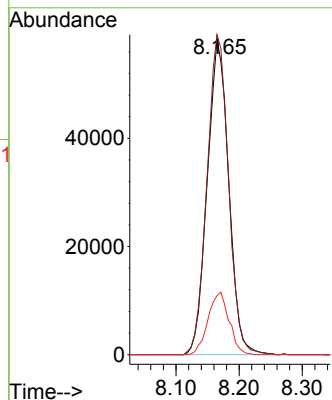
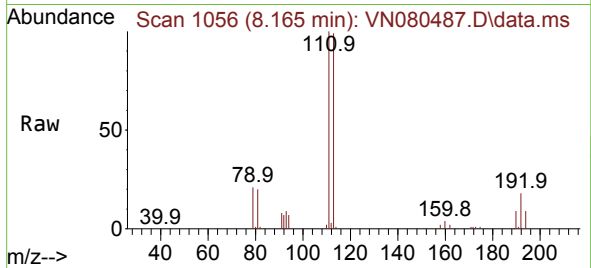




#35
Dibromofluoromethane
Concen: 51.049 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080487.D
Acq: 14 Dec 2023 17:03

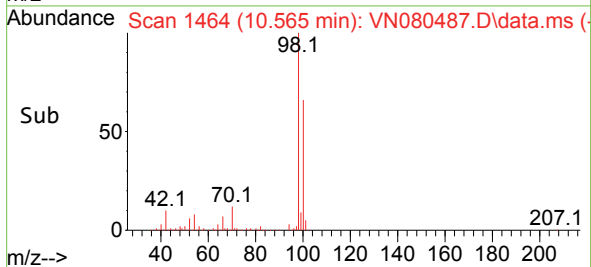
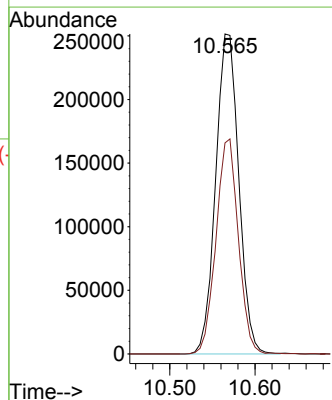
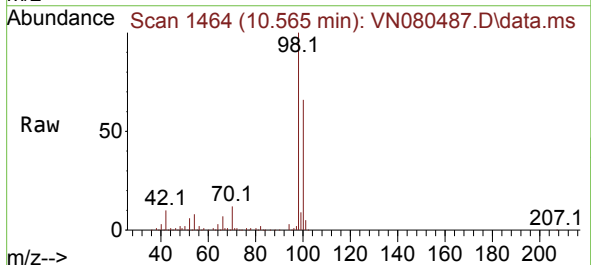
Instrument :
MSVOA_N
ClientSampleId :
MW-7

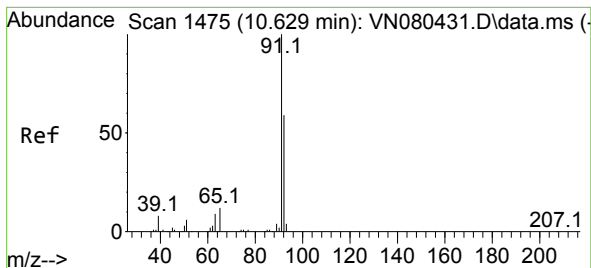
Tgt Ion:113 Resp: 137209
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 19.5 12.7 19.1#



#50
Toluene-d8
Concen: 47.321 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080487.D
Acq: 14 Dec 2023 17:03

Tgt Ion: 98 Resp: 474345
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0





#52

Toluene

Concen: 0.234 ug/l

RT: 10.635 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VN080487.D

Acq: 14 Dec 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

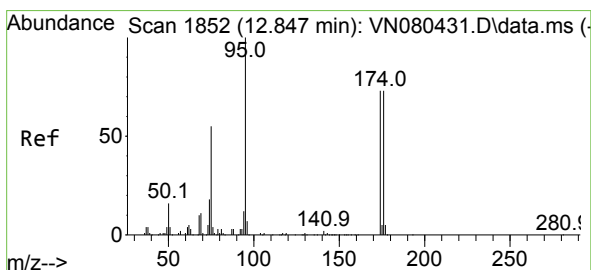
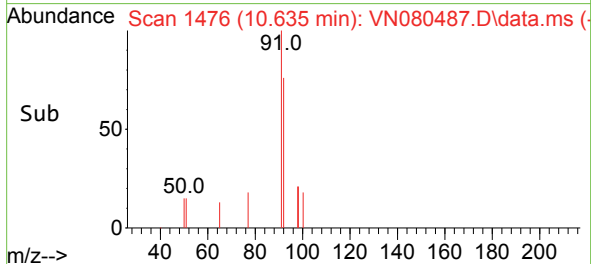
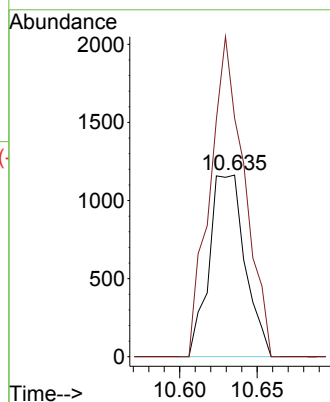
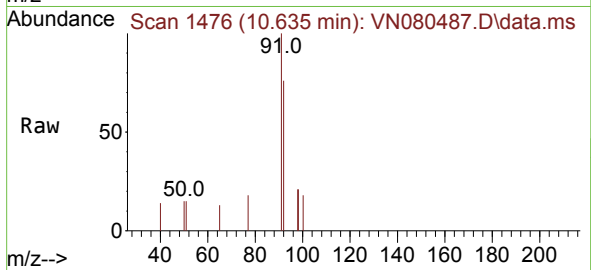
MW-7

Tgt Ion: 92 Resp: 1877

Ion Ratio Lower Upper

92 100

91 167.7 137.4 206.0



#62

4-Bromofluorobenzene

Concen: 50.449 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN080487.D

Acq: 14 Dec 2023 17:03

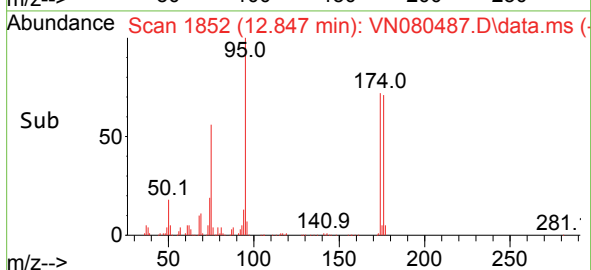
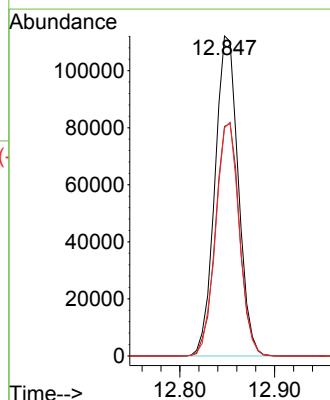
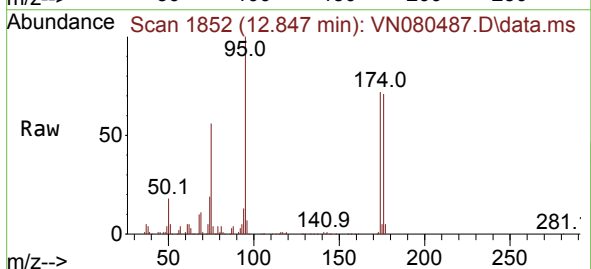
Tgt Ion: 95 Resp: 192030

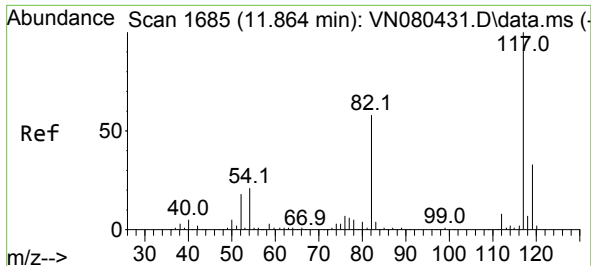
Ion Ratio Lower Upper

95 100

174 74.4 0.0 143.8

176 73.4 0.0 135.8

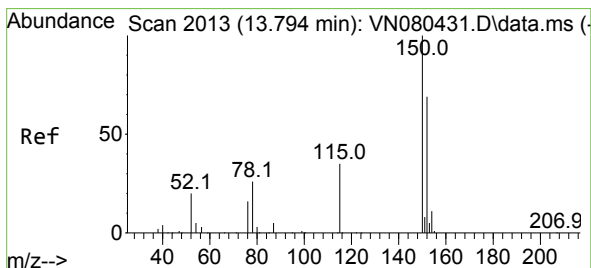
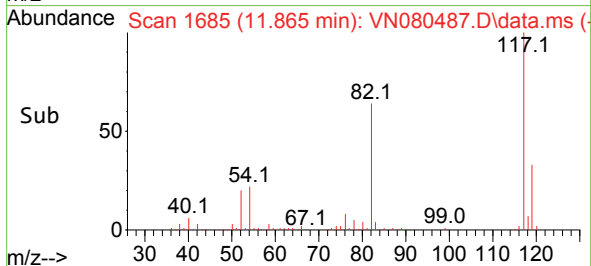
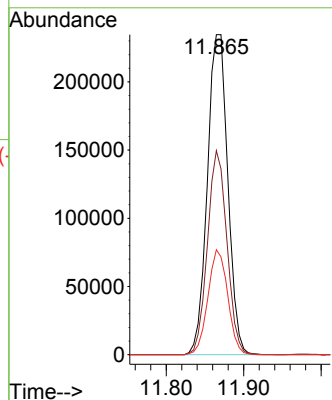
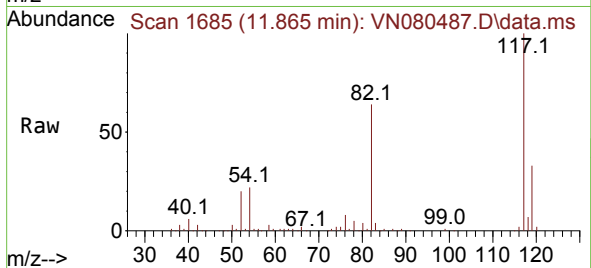




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080487.D
Acq: 14 Dec 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :
MW-7

Tgt Ion:117 Resp: 430050
Ion Ratio Lower Upper
117 100
82 63.7 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: VN080487.D
Acq: 14 Dec 2023 17:03

Tgt Ion:152 Resp: 192772
Ion Ratio Lower Upper
152 100
115 66.6 32.3 96.8
150 156.8 0.0 355.8

