

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121323\
 Data File : VN080464.D
 Acq On : 13 Dec 2023 16:05
 Operator : JC\MD
 Sample : 05670-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4B

Quant Time: Dec 14 04:08:45 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)

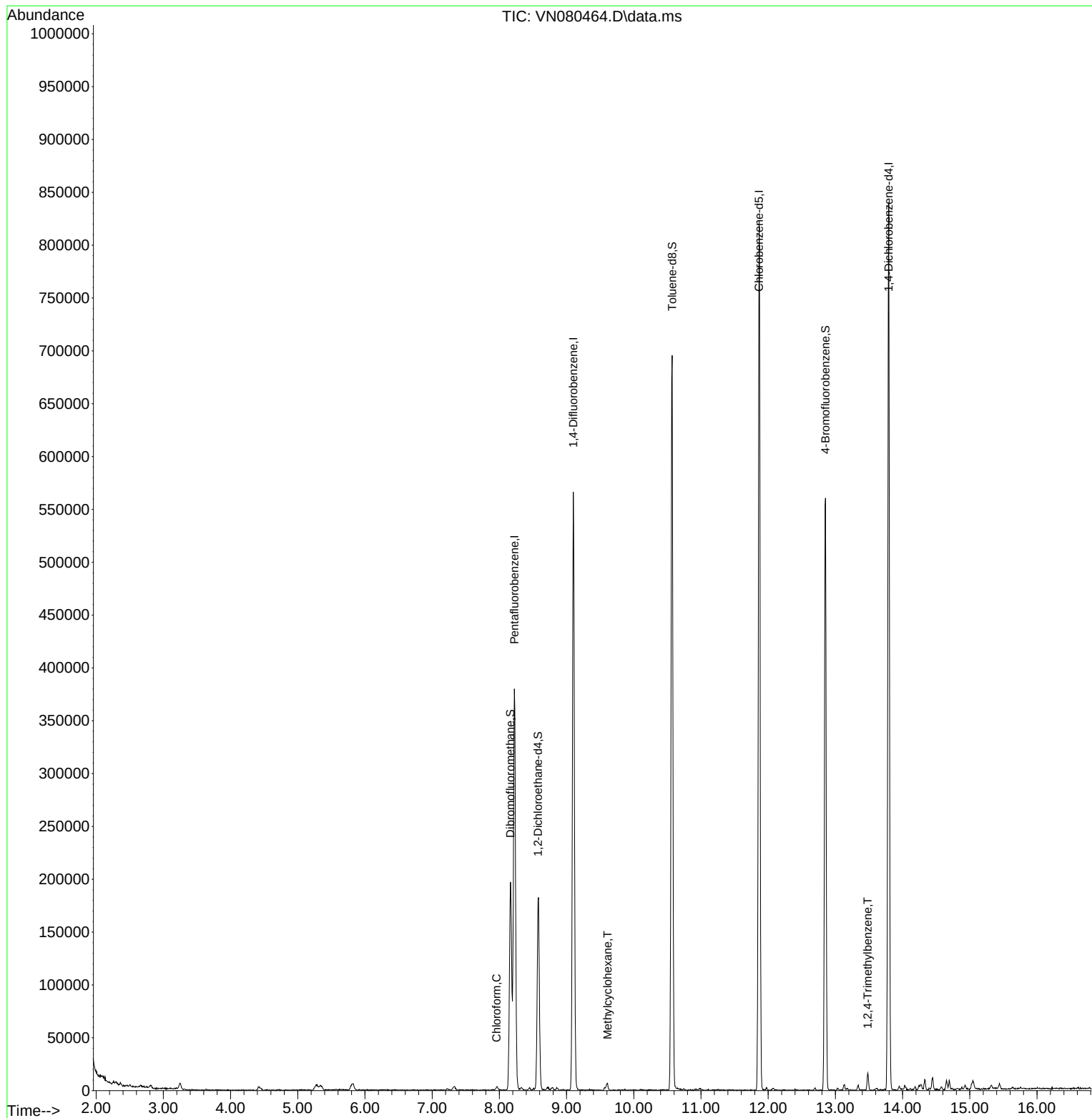
Internal Standards						
1) Pentafluorobenzene	8.224	168	269437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	482068	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	482275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	225363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	163063	47.384	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.760%		
35) Dibromofluoromethane	8.165	113	138128	45.192	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.380%		
50) Toluene-d8	10.571	98	495278	43.449	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	86.900%		
62) 4-Bromofluorobenzene	12.853	95	202648	46.816	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.640%		
Target Compounds						
					Qvalue	
30) Chloroform	7.959	83	3375	0.563	ug/l #	51
39) Methylcyclohexane	9.612	83	3242	0.624	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	9232	0.595	ug/l	100

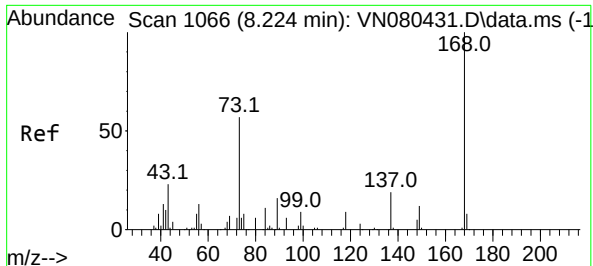
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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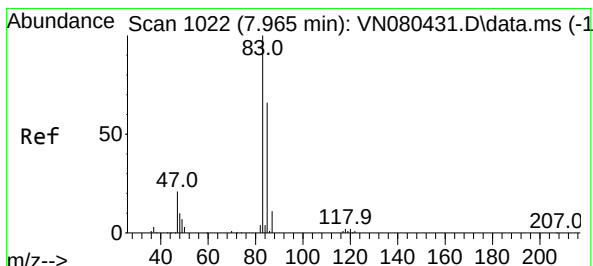
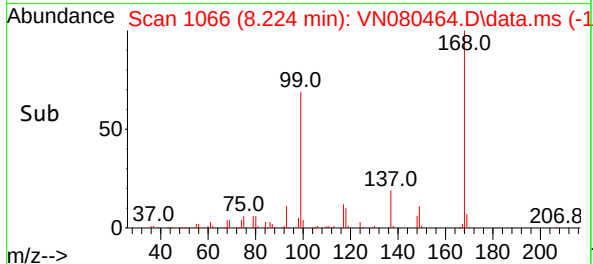
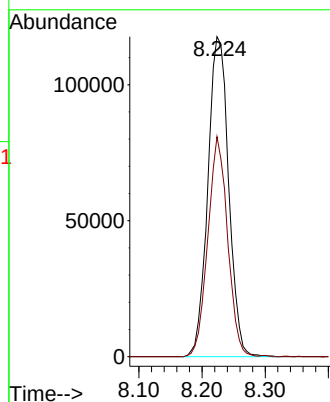
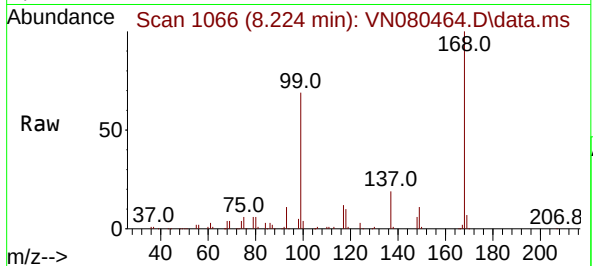




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080464.D
Acq: 13 Dec 2023 16:05

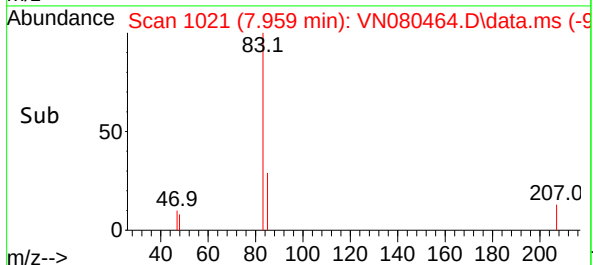
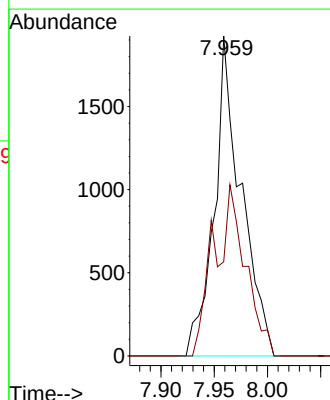
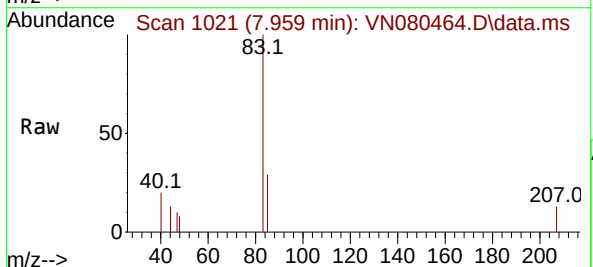
Instrument :
MSVOA_N
ClientSampleId :
MW-4B

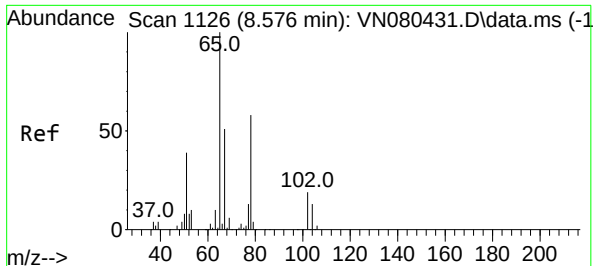
Tgt Ion:168 Resp: 269437
Ion Ratio Lower Upper
168 100
99 68.8 53.0 79.6



#30
Chloroform
Concen: 0.563 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN080464.D
Acq: 13 Dec 2023 16:05

Tgt Ion: 83 Resp: 3375
Ion Ratio Lower Upper
83 100
85 29.4 55.4 83.0#





#33

1,2-Dichloroethane-d4

Concen: 47.384 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080464.D

Acq: 13 Dec 2023 16:05

Instrument :

MSVOA_N

ClientSampleId :

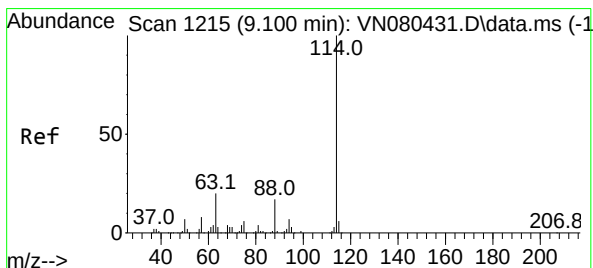
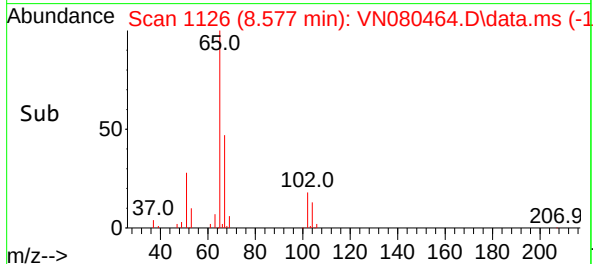
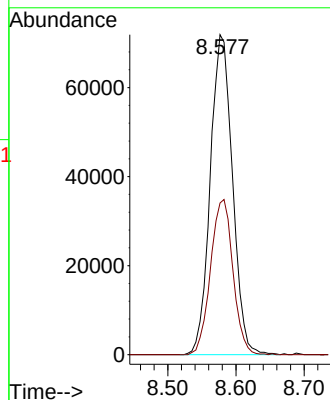
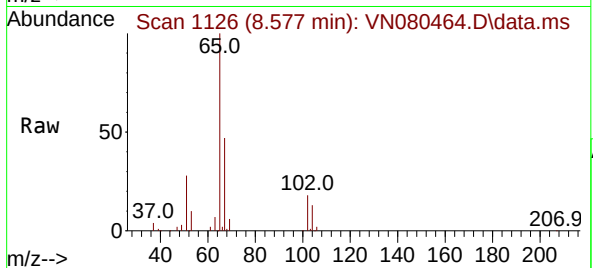
MW-4B

Tgt Ion: 65 Resp: 163063

Ion Ratio Lower Upper

65 100

67 48.9 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: VN080464.D

Acq: 13 Dec 2023 16:05

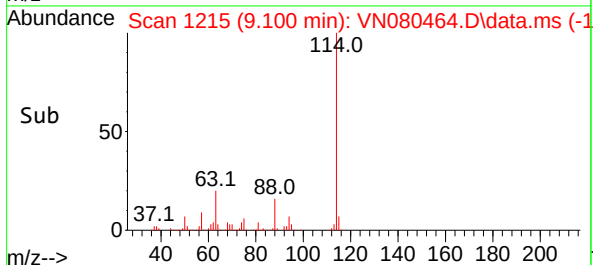
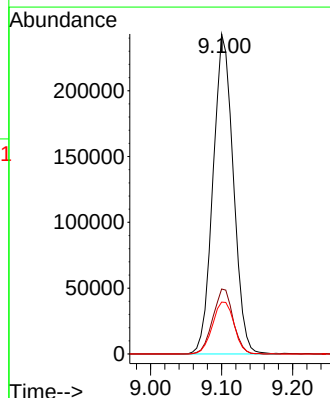
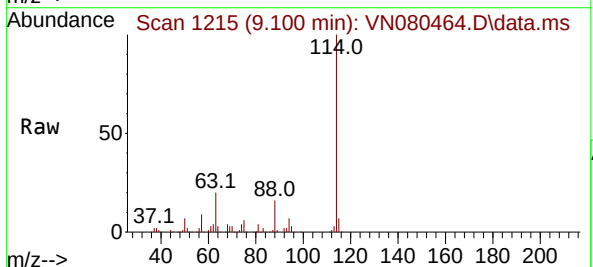
Tgt Ion: 114 Resp: 482068

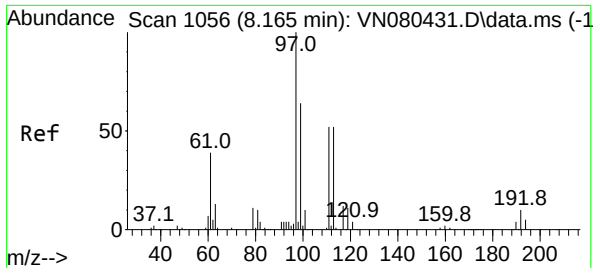
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 16.2 0.0 30.6

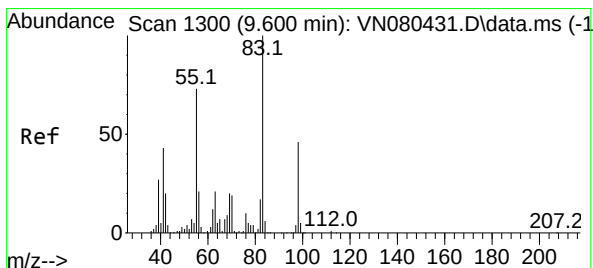
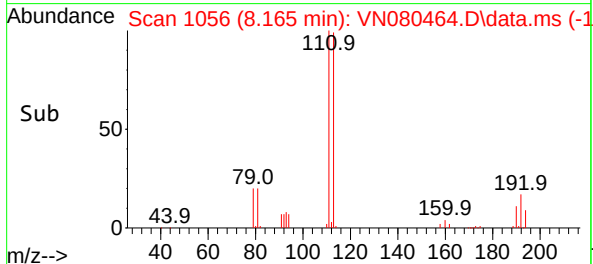
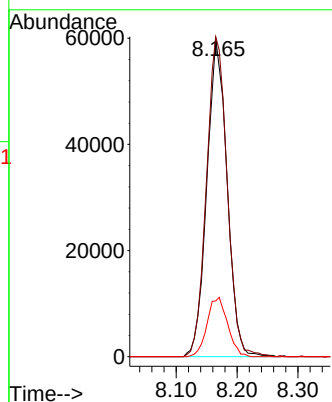
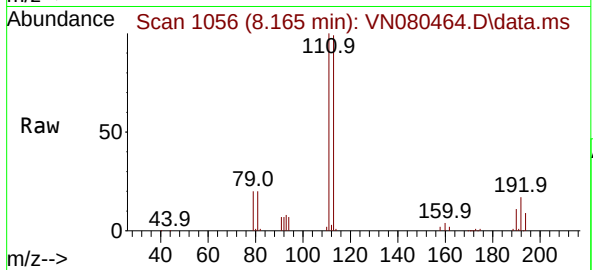




#35
Dibromofluoromethane
Concen: 45.192 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080464.D
Acq: 13 Dec 2023 16:05

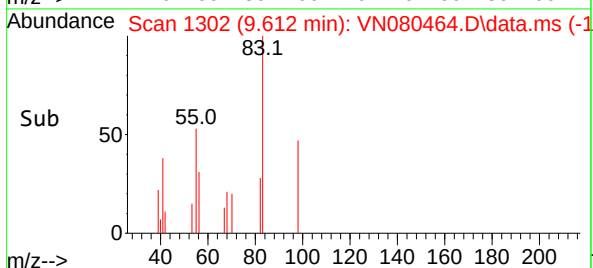
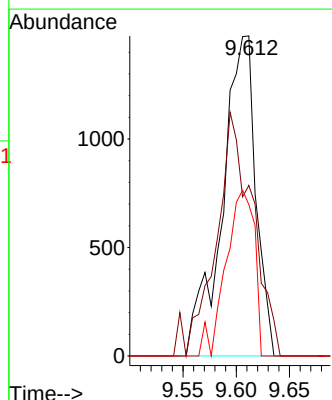
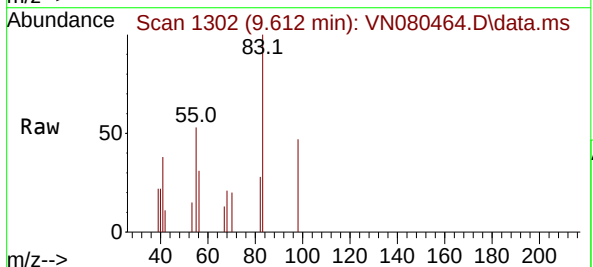
Instrument :
MSVOA_N
ClientSampleId :
MW-4B

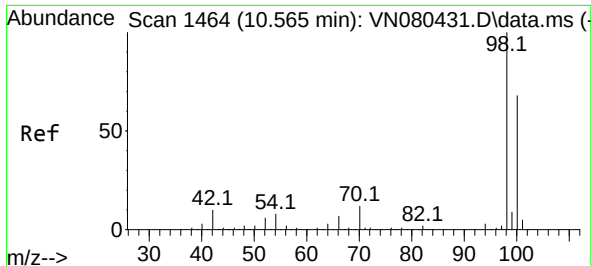
Tgt Ion:113 Resp: 138128
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 19.0 12.7 19.1



#39
Methylcyclohexane
Concen: 0.624 ug/l
RT: 9.612 min Scan# 1302
Delta R.T. 0.012 min
Lab File: VN080464.D
Acq: 13 Dec 2023 16:05

Tgt Ion: 83 Resp: 3242
Ion Ratio Lower Upper
83 100
55 53.3 49.1 73.7
98 47.3 40.6 61.0

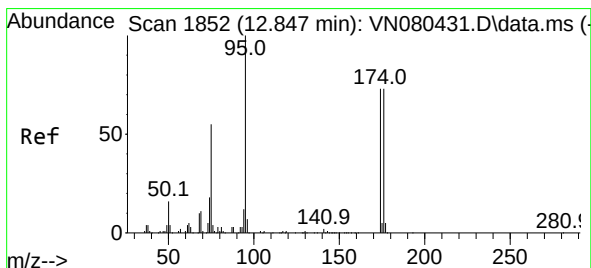
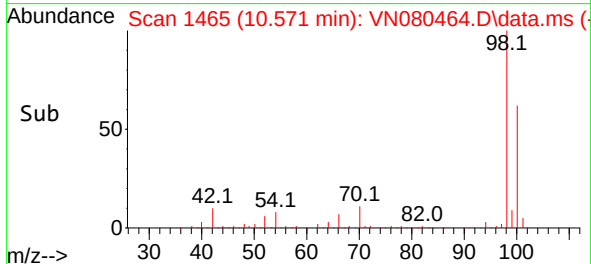
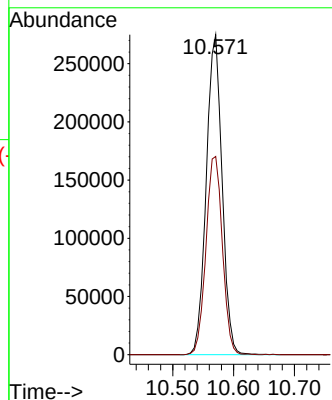
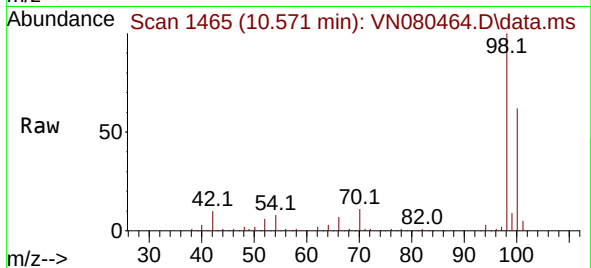




#50
Toluene-d8
Concen: 43.449 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080464.D
Acq: 13 Dec 2023 16:05

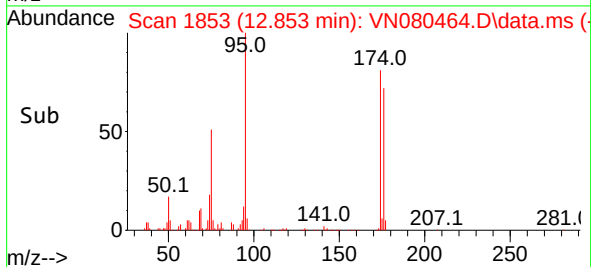
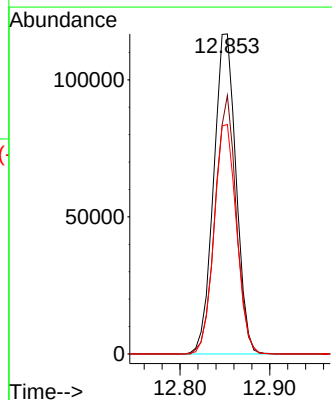
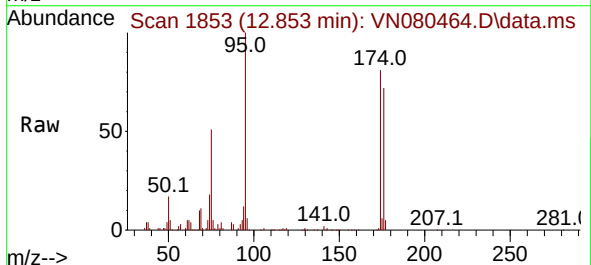
Instrument :
MSVOA_N
ClientSampleId :
MW-4B

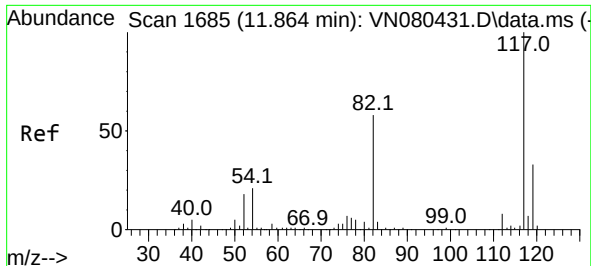
Tgt Ion: 98 Resp: 495278
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.816 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080464.D
Acq: 13 Dec 2023 16:05

Tgt Ion: 95 Resp: 202648
Ion Ratio Lower Upper
95 100
174 76.0 0.0 143.8
176 71.6 0.0 135.8

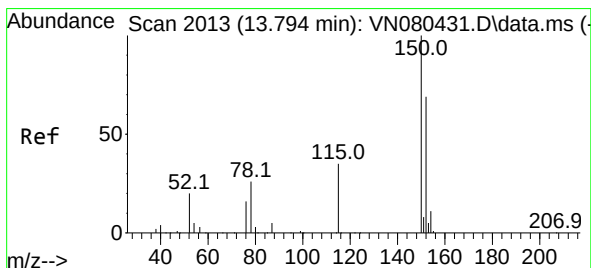
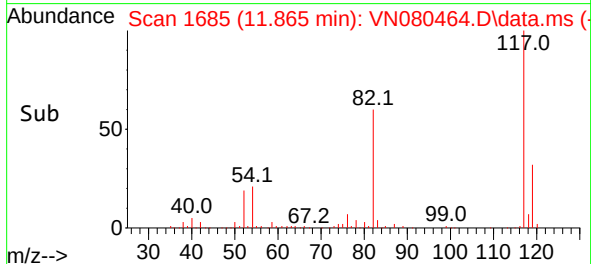
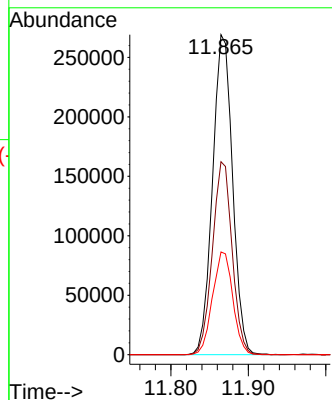
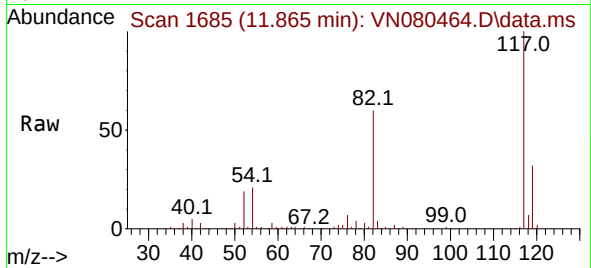




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080464.D
Acq: 13 Dec 2023 16:05

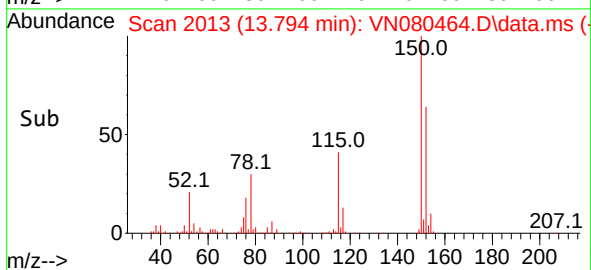
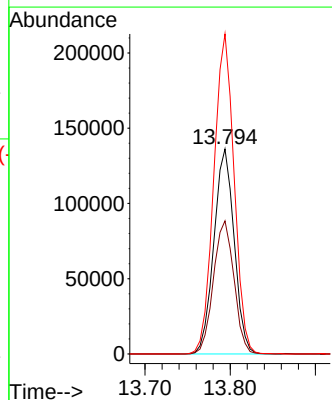
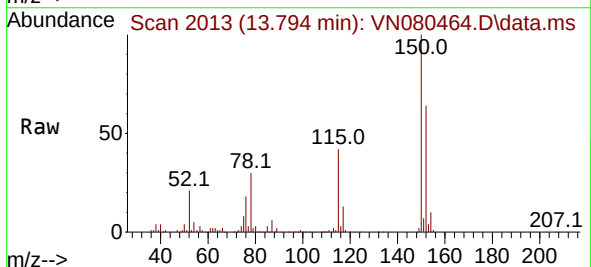
Instrument :
MSVOA_N
ClientSampleId :
MW-4B

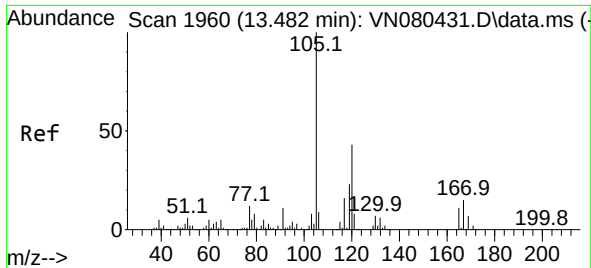
Tgt Ion:117 Resp: 482275
Ion Ratio Lower Upper
117 100
82 60.3 44.0 66.0
119 32.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080464.D
Acq: 13 Dec 2023 16:05

Tgt Ion:152 Resp: 225363
Ion Ratio Lower Upper
152 100
115 65.7 32.3 96.8
150 156.0 0.0 355.8





#84
 1,2,4-Trimethylbenzene
 Concen: 0.595 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN080464.D
 Acq: 13 Dec 2023 16:05

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4B

Tgt Ion:105 Resp: 9232
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.0 66.0

