

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121323\
 Data File : VN080465.D
 Acq On : 13 Dec 2023 16:28
 Operator : JC\MD
 Sample : 05670-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Quant Time: Dec 14 04:09:09 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)

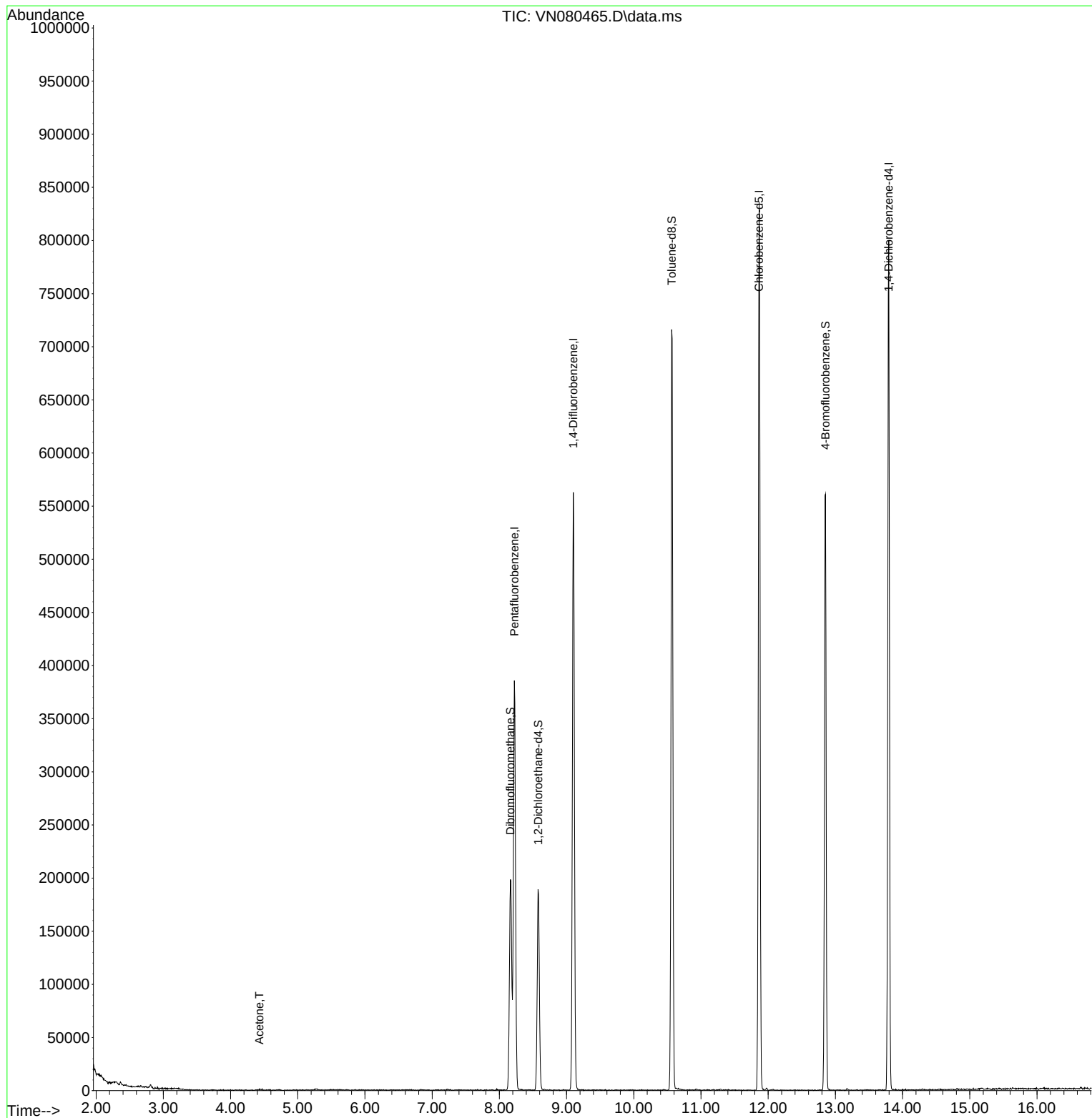
Internal Standards						
1) Pentafluorobenzene	8.224	168	271006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	485122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	489909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	217043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	167436	48.373	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.740%
35) Dibromofluoromethane	8.165	113	141768	46.090	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.180%
50) Toluene-d8	10.565	98	504732	43.999	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.000%
62) 4-Bromofluorobenzene	12.853	95	202548	46.499	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.000%
Target Compounds						
16) Acetone	4.430	43	1680	2.737	ug/l	Qvalue 100

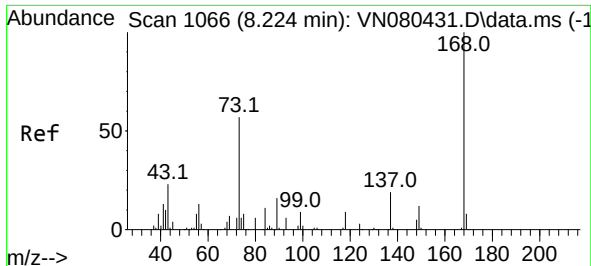
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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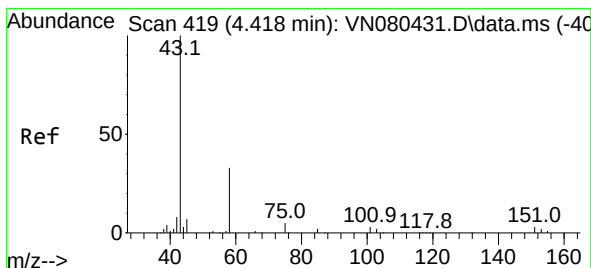
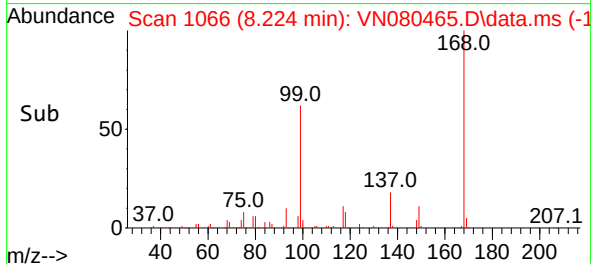
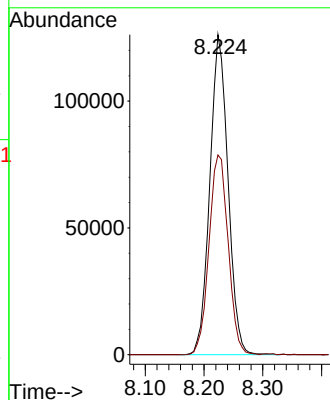
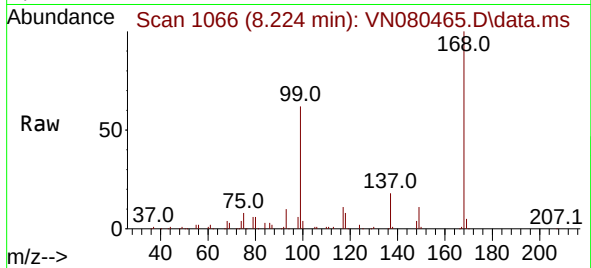




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080465.D
Acq: 13 Dec 2023 16:28

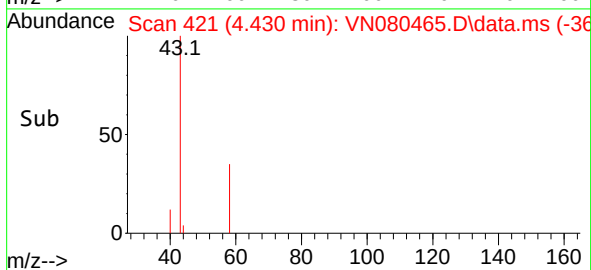
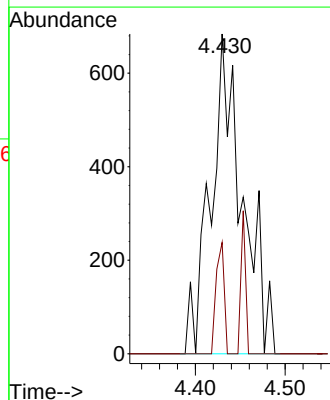
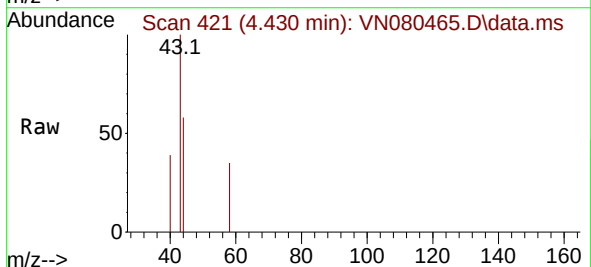
Instrument :
MSVOA_N
ClientSampleId :
MW-4

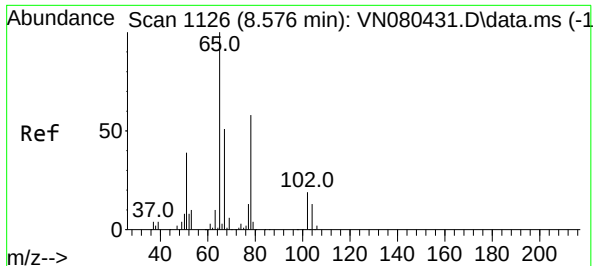
Tgt Ion:168 Resp: 271006
Ion Ratio Lower Upper
168 100
99 62.4 53.0 79.6



#16
Acetone
Concen: 2.737 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN080465.D
Acq: 13 Dec 2023 16:28

Tgt Ion: 43 Resp: 1680
Ion Ratio Lower Upper
43 100
58 34.8 28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 48.373 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080465.D

Acq: 13 Dec 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

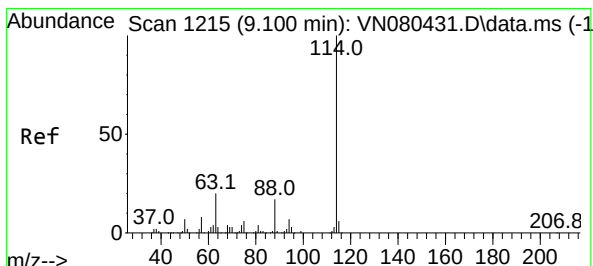
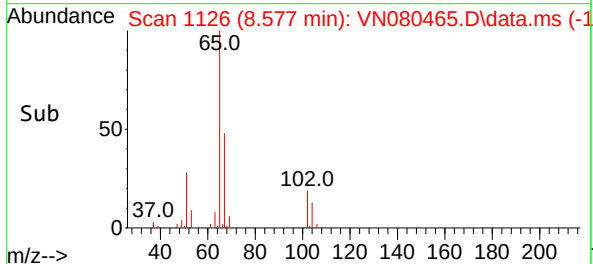
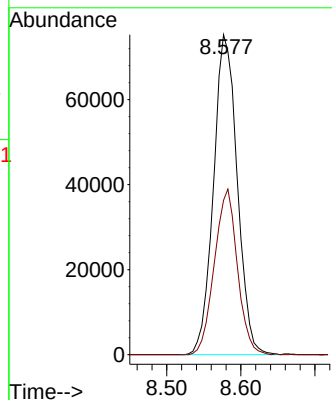
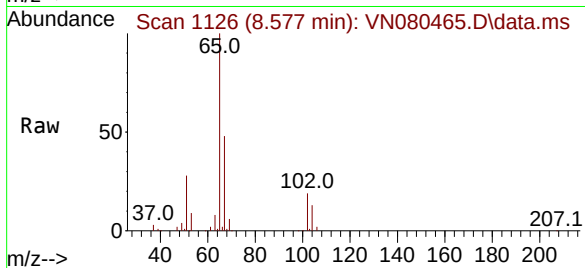
MW-4

Tgt Ion: 65 Resp: 167436

Ion Ratio Lower Upper

65 100

67 50.2 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: VN080465.D

Acq: 13 Dec 2023 16:28

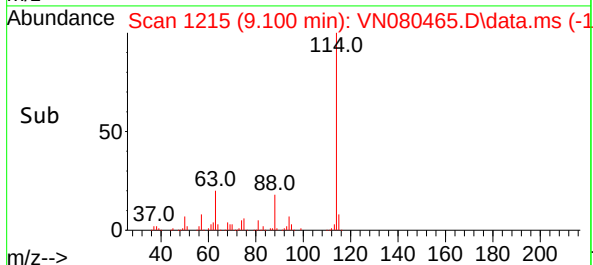
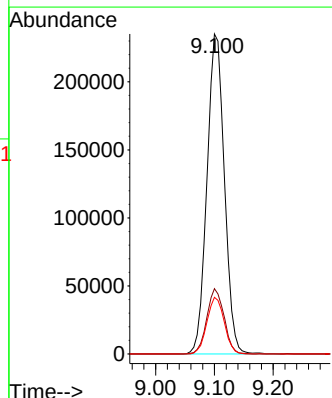
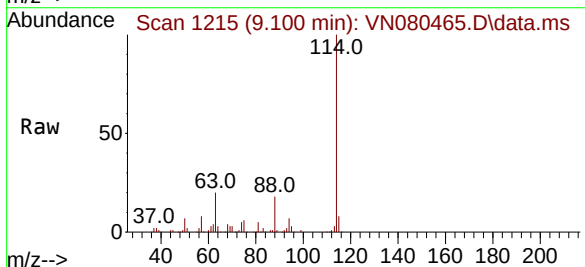
Tgt Ion: 114 Resp: 485122

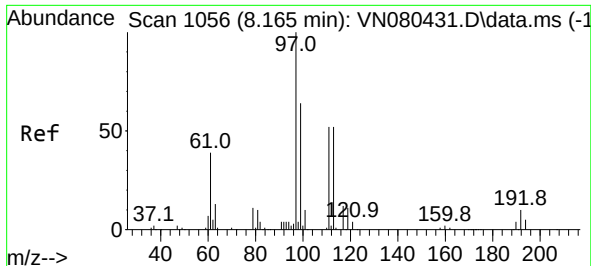
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

88 17.7 0.0 30.6

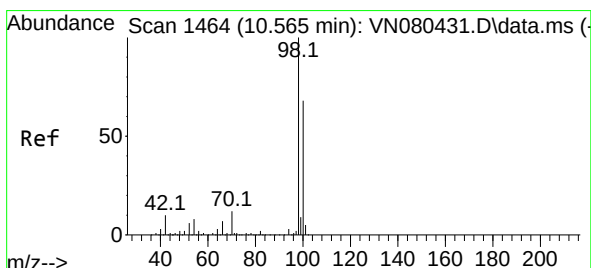
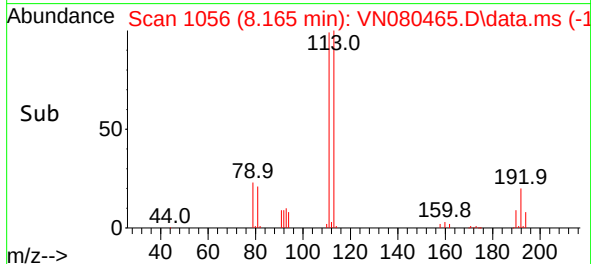
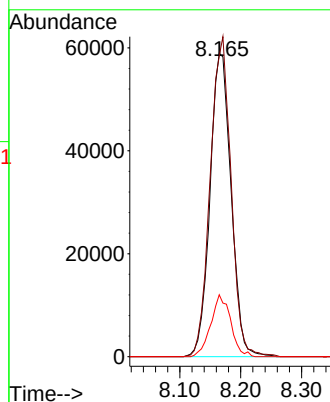
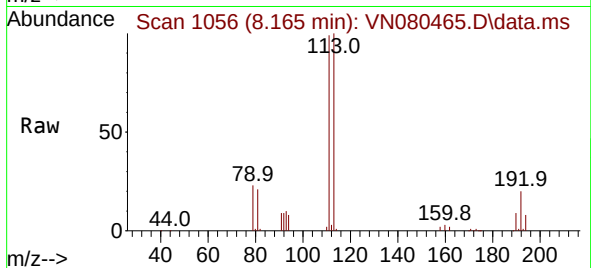




#35
Dibromofluoromethane
Concen: 46.090 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080465.D
Acq: 13 Dec 2023 16:28

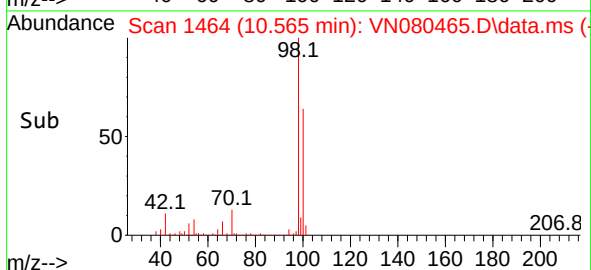
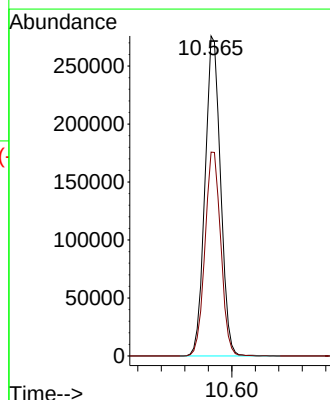
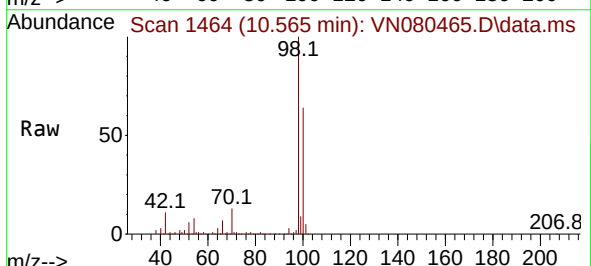
Instrument :
MSVOA_N
ClientSampleId :
MW-4

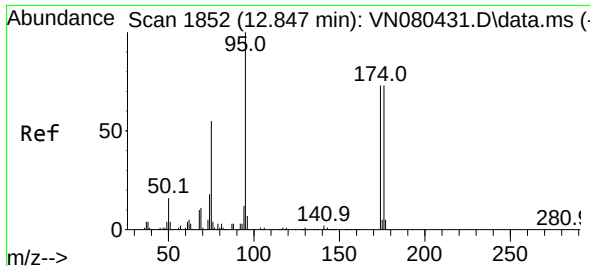
Tgt Ion:113 Resp: 141768
Ion Ratio Lower Upper
113 100
111 104.1 82.6 123.8
192 19.3 12.7 19.1#



#50
Toluene-d8
Concen: 43.999 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080465.D
Acq: 13 Dec 2023 16:28

Tgt Ion: 98 Resp: 504732
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

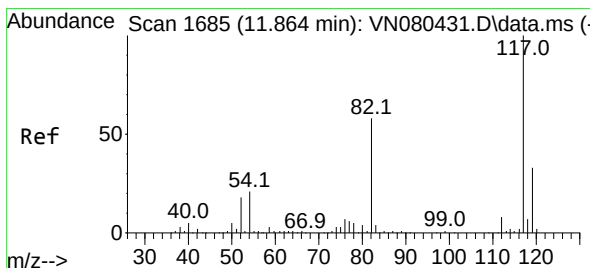
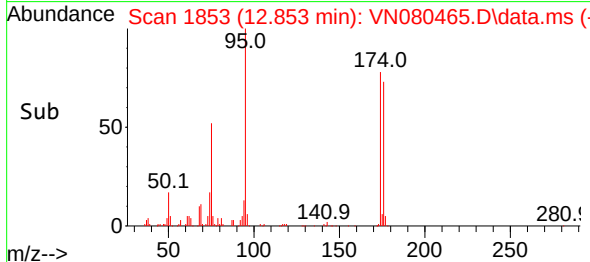
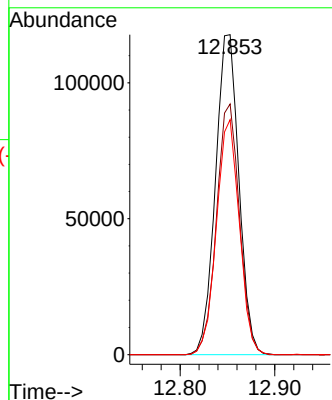
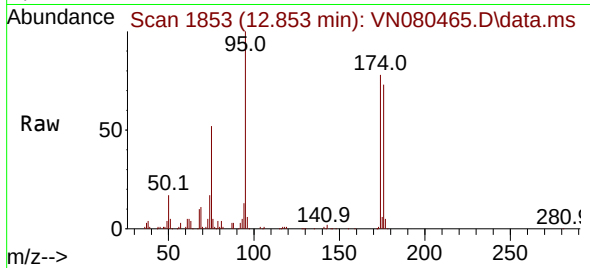




#62
4-Bromofluorobenzene
Concen: 46.499 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080465.D
Acq: 13 Dec 2023 16:28

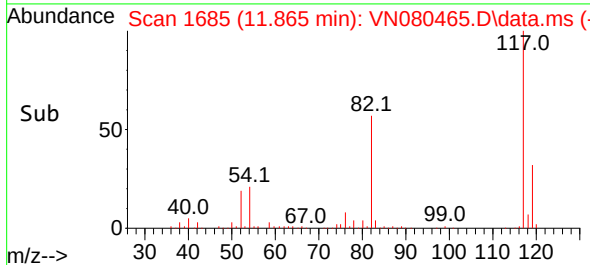
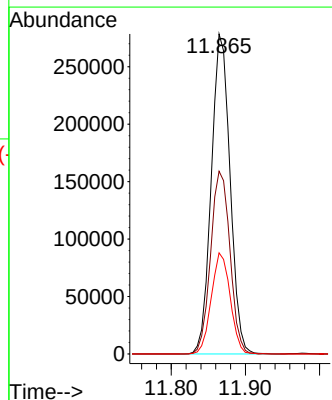
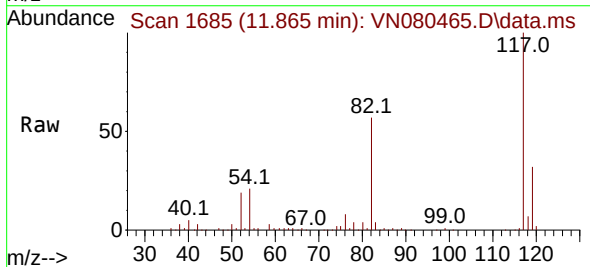
Instrument :
MSVOA_N
ClientSampleId :
MW-4

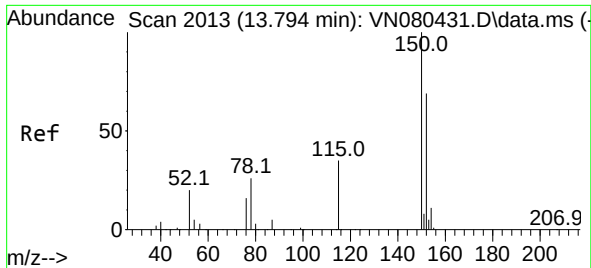
Tgt Ion: 95 Resp: 202548
Ion Ratio Lower Upper
95 100
174 76.9 0.0 143.8
176 71.8 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080465.D
Acq: 13 Dec 2023 16:28

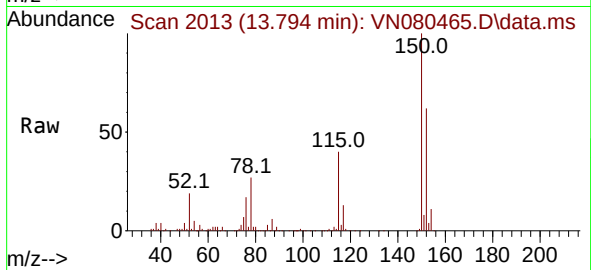
Tgt Ion: 117 Resp: 489909
Ion Ratio Lower Upper
117 100
82 57.1 44.0 66.0
119 31.6 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080465.D
 Acq: 13 Dec 2023 16:28

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4



Tgt Ion:152 Resp: 217043
 Ion Ratio Lower Upper
 152 100
 115 65.0 32.3 96.8
 150 156.9 0.0 355.8

