

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121323\
 Data File : VN080468.D
 Acq On : 13 Dec 2023 17:39
 Operator : JC\MD
 Sample : 05791-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1B-K-T

Quant Time: Dec 14 04:10:26 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)

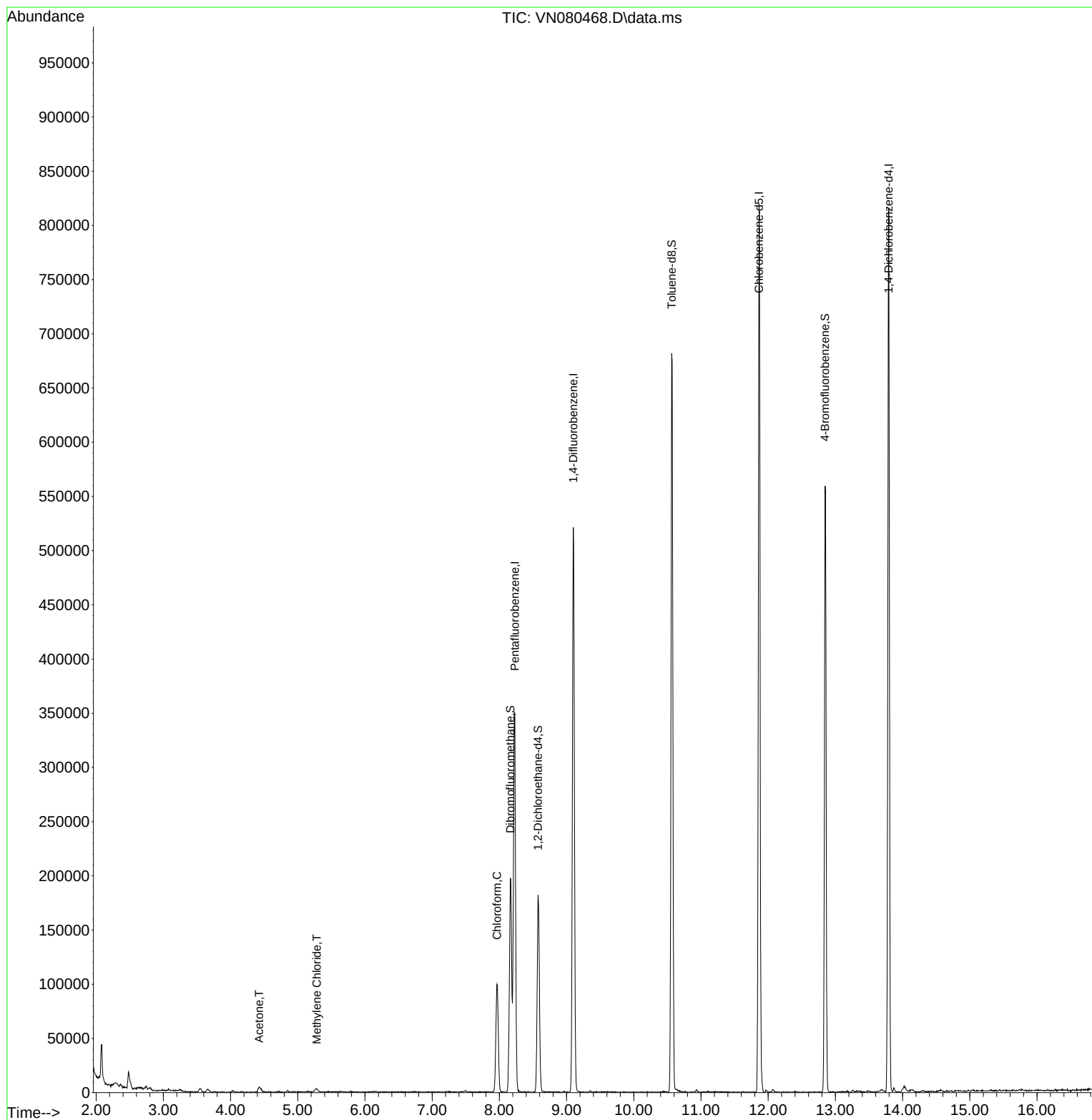
Internal Standards						
1) Pentafluorobenzene	8.230	168	254274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	458129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	469709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	214876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	165201	50.868	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.740%
35) Dibromofluoromethane	8.165	113	139432	48.002	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.000%
50) Toluene-d8	10.565	98	492714	45.482	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.960%
62) 4-Bromofluorobenzene	12.847	95	201033	48.870	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.740%
Target Compounds						
						Qvalue
16) Acetone	4.424	43	10211	17.732	ug/l #	79
20) Methylene Chloride	5.283	84	2969	0.963	ug/l #	93
30) Chloroform	7.965	83	101866	18.020	ug/l	99

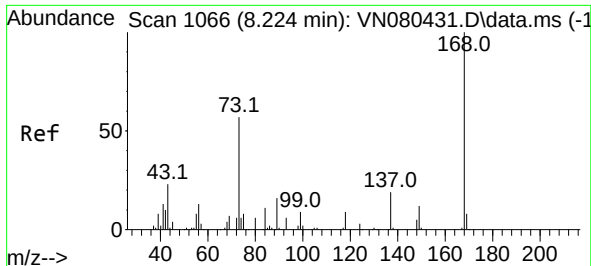
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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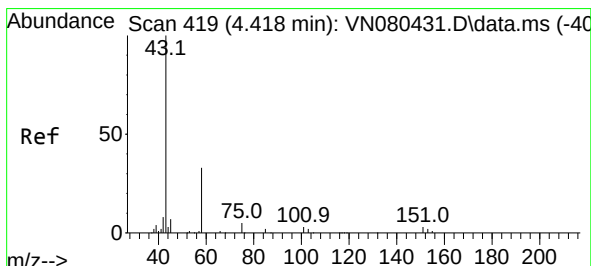
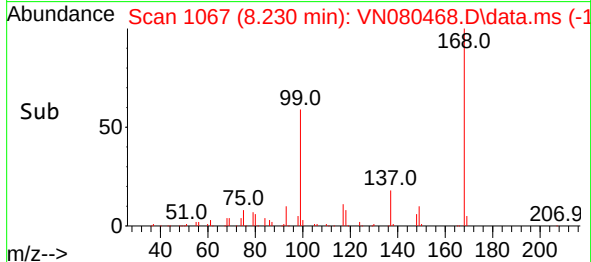
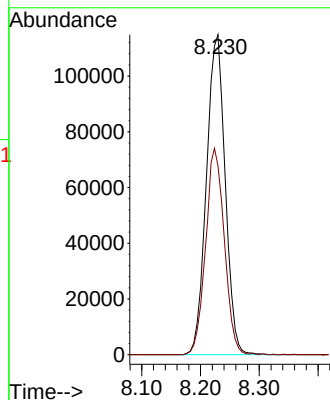
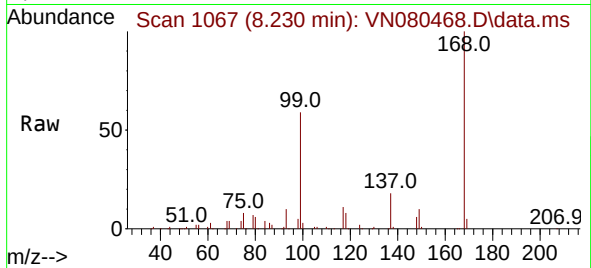




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080468.D
Acq: 13 Dec 2023 17:39

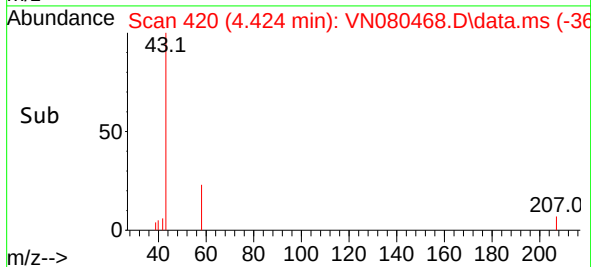
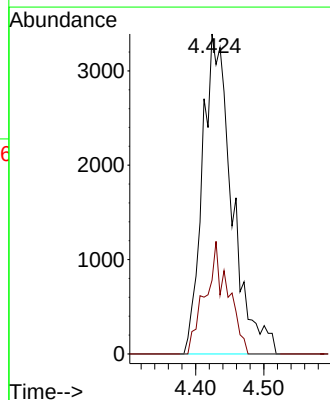
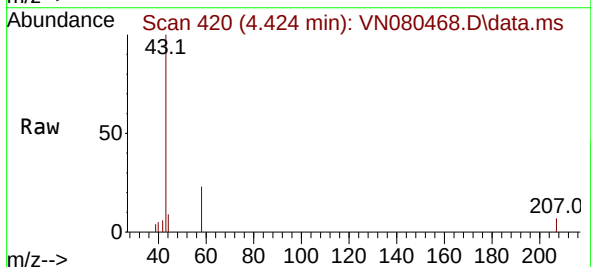
Instrument :
MSVOA_N
ClientSampleId :
MW-1B-K-T

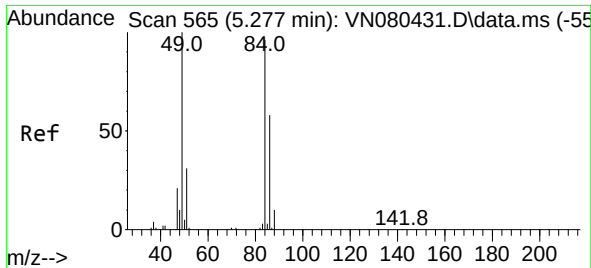
Tgt Ion:168 Resp: 254274
Ion Ratio Lower Upper
168 100
99 59.1 53.0 79.6



#16
Acetone
Concen: 17.732 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN080468.D
Acq: 13 Dec 2023 17:39

Tgt Ion: 43 Resp: 10211
Ion Ratio Lower Upper
43 100
58 23.0 28.0 42.0#

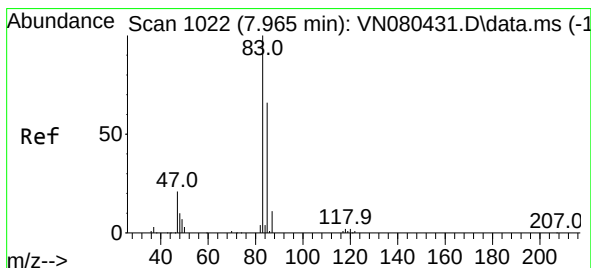
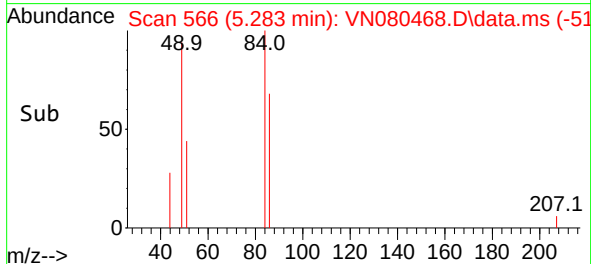
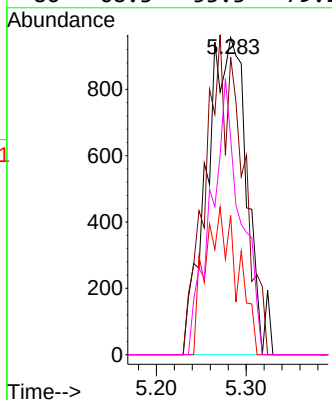
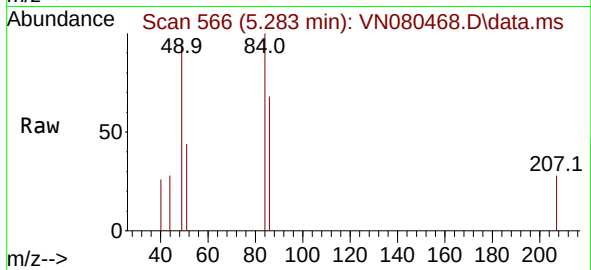




#20
Methylene Chloride
Concen: 0.963 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080468.D
Acq: 13 Dec 2023 17:39

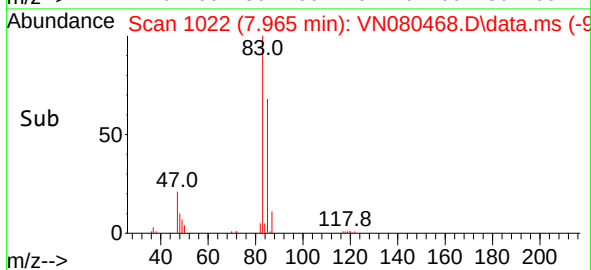
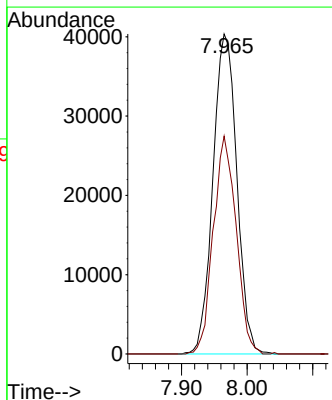
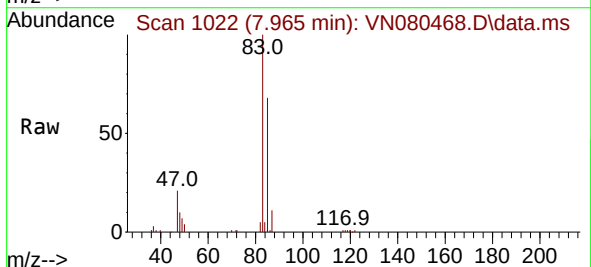
Instrument :
MSVOA_N
ClientSampleId :
MW-1B-K-T

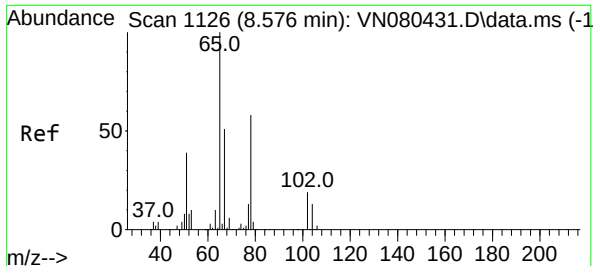
Tgt Ion:	84	Resp:	2969
Ion	Ratio	Lower	Upper
84	100		
49	93.8	79.7	119.5
51	43.9	25.2	37.8#
86	68.3	53.3	79.9



#30
Chloroform
Concen: 18.020 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN080468.D
Acq: 13 Dec 2023 17:39

Tgt Ion:	83	Resp:	101866
Ion	Ratio	Lower	Upper
83	100		
85	68.0	55.4	83.0





#33

1,2-Dichloroethane-d4

Concen: 50.868 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080468.D

Acq: 13 Dec 2023 17:39

Instrument :

MSVOA_N

ClientSampleId :

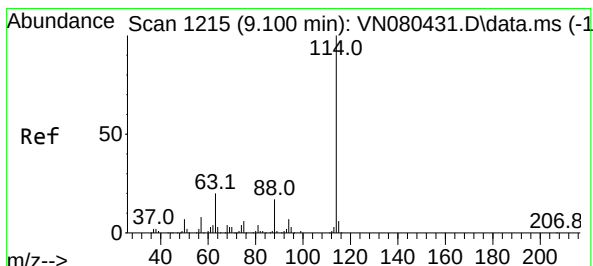
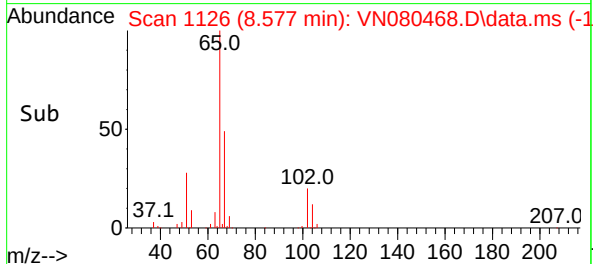
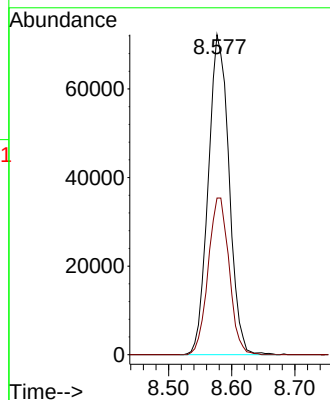
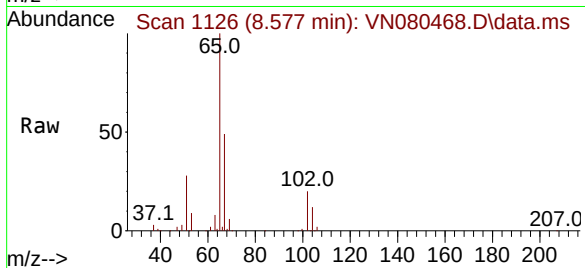
MW-1B-K-T

Tgt Ion: 65 Resp: 165201

Ion Ratio Lower Upper

65 100

67 49.3 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: VN080468.D

Acq: 13 Dec 2023 17:39

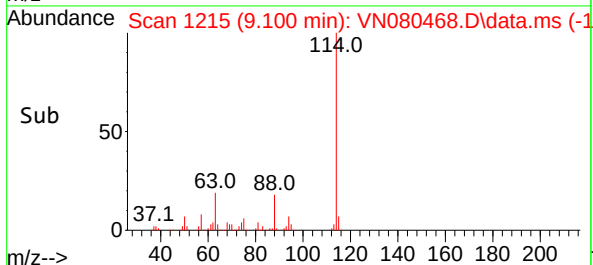
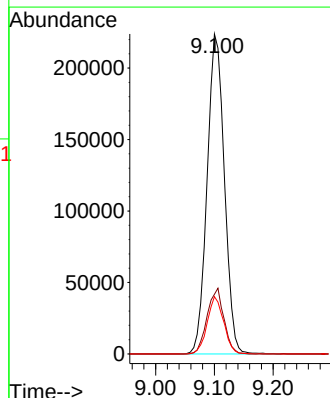
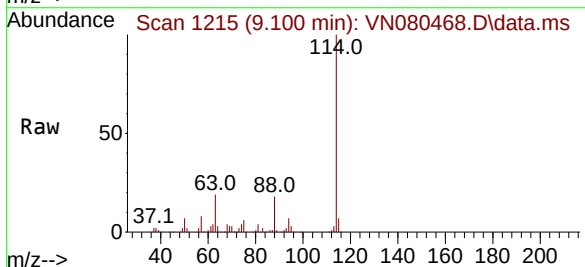
Tgt Ion: 114 Resp: 458129

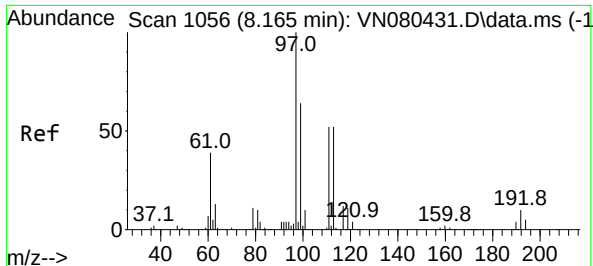
Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.4

88 17.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.002 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080468.D

Acq: 13 Dec 2023 17:39

Instrument :

MSVOA_N

ClientSampleId :

MW-1B-K-T

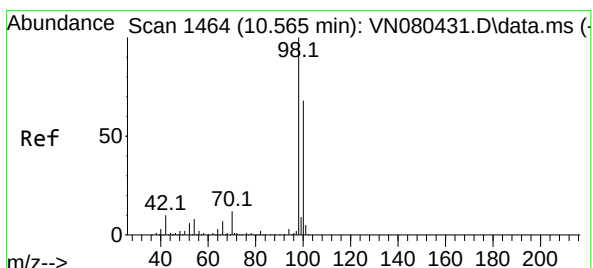
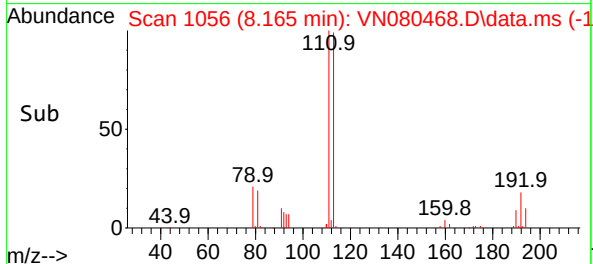
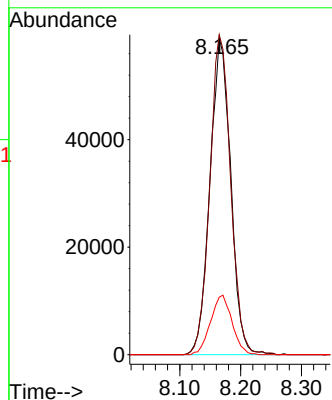
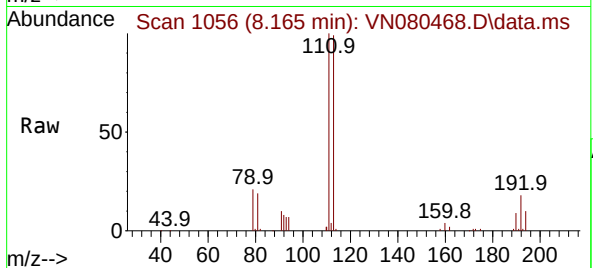
Tgt Ion:113 Resp: 139432

Ion Ratio Lower Upper

113 100

111 101.4 82.6 123.8

192 19.5 12.7 19.1#



#50

Toluene-d8

Concen: 45.482 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080468.D

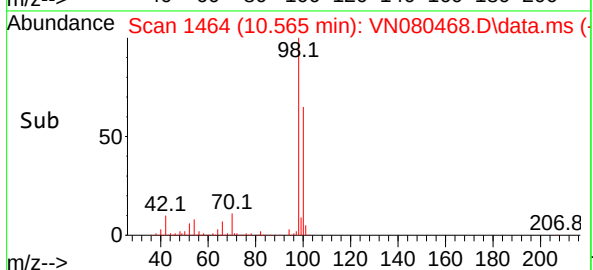
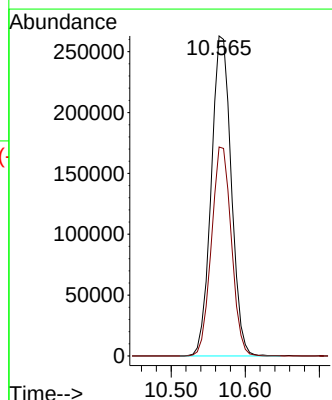
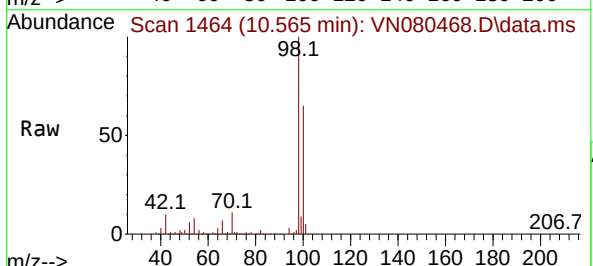
Acq: 13 Dec 2023 17:39

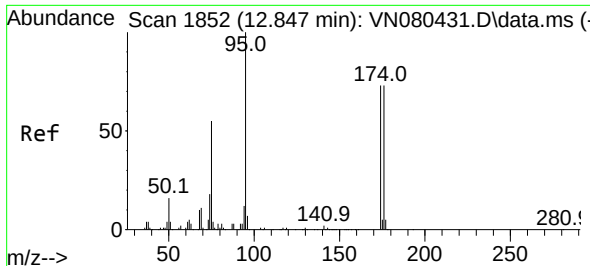
Tgt Ion: 98 Resp: 492714

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0

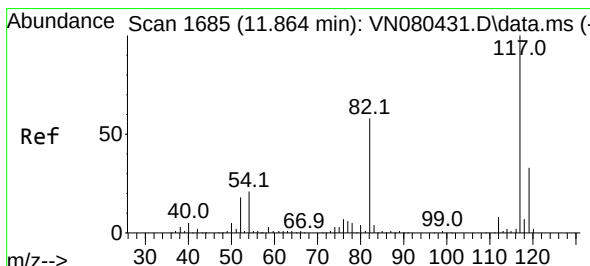
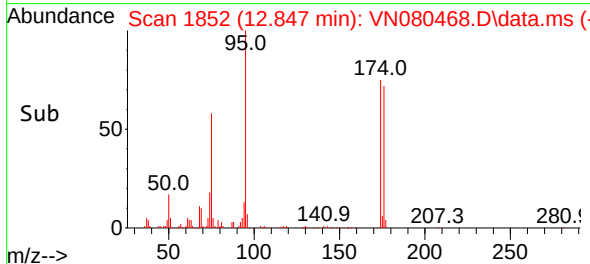
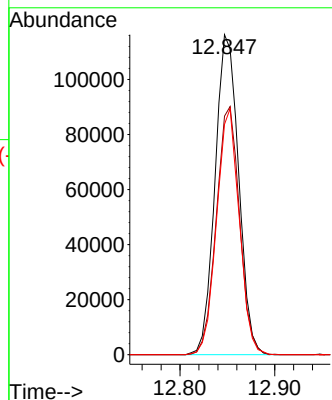
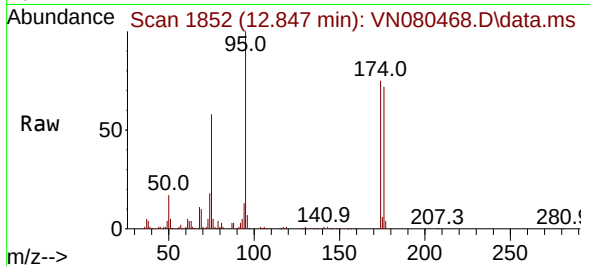




#62
4-Bromofluorobenzene
Concen: 48.870 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080468.D
Acq: 13 Dec 2023 17:39

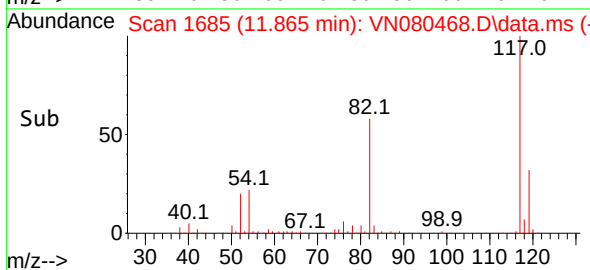
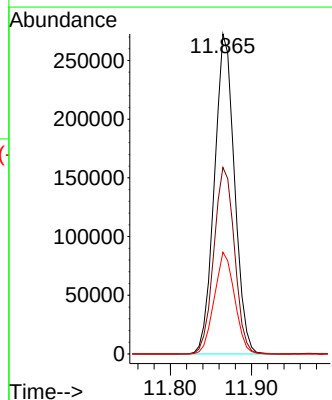
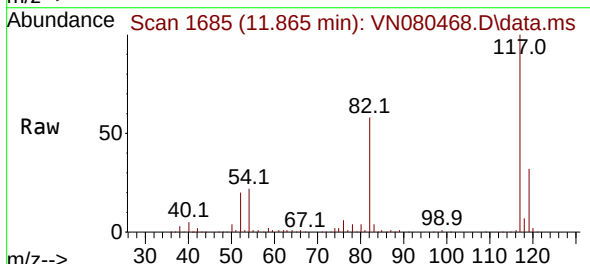
Instrument :
MSVOA_N
ClientSampleId :
MW-1B-K-T

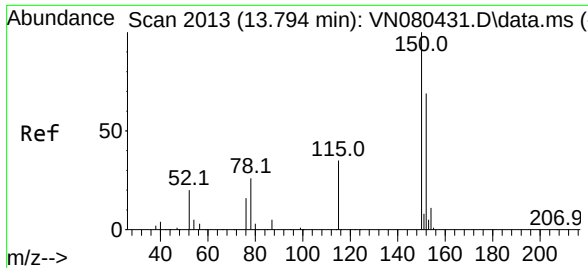
Tgt Ion: 95 Resp: 201033
Ion Ratio Lower Upper
95 100
174 76.7 0.0 143.8
176 73.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080468.D
Acq: 13 Dec 2023 17:39

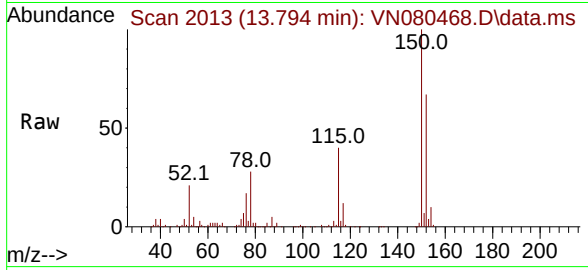
Tgt Ion: 117 Resp: 469709
Ion Ratio Lower Upper
117 100
82 58.3 44.0 66.0
119 31.8 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080468.D
 Acq: 13 Dec 2023 17:39

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1B-K-T



Tgt Ion:	152	Resp:	214876
Ion	Ratio	Lower	Upper
152	100		
115	65.1	32.3	96.8
150	157.5	0.0	355.8

