

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121323\
 Data File : VN080472.D
 Acq On : 13 Dec 2023 19:14
 Operator : JC\MD
 Sample : 05791-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1B-EE-NN

Quant Time: Dec 14 04:12:07 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)

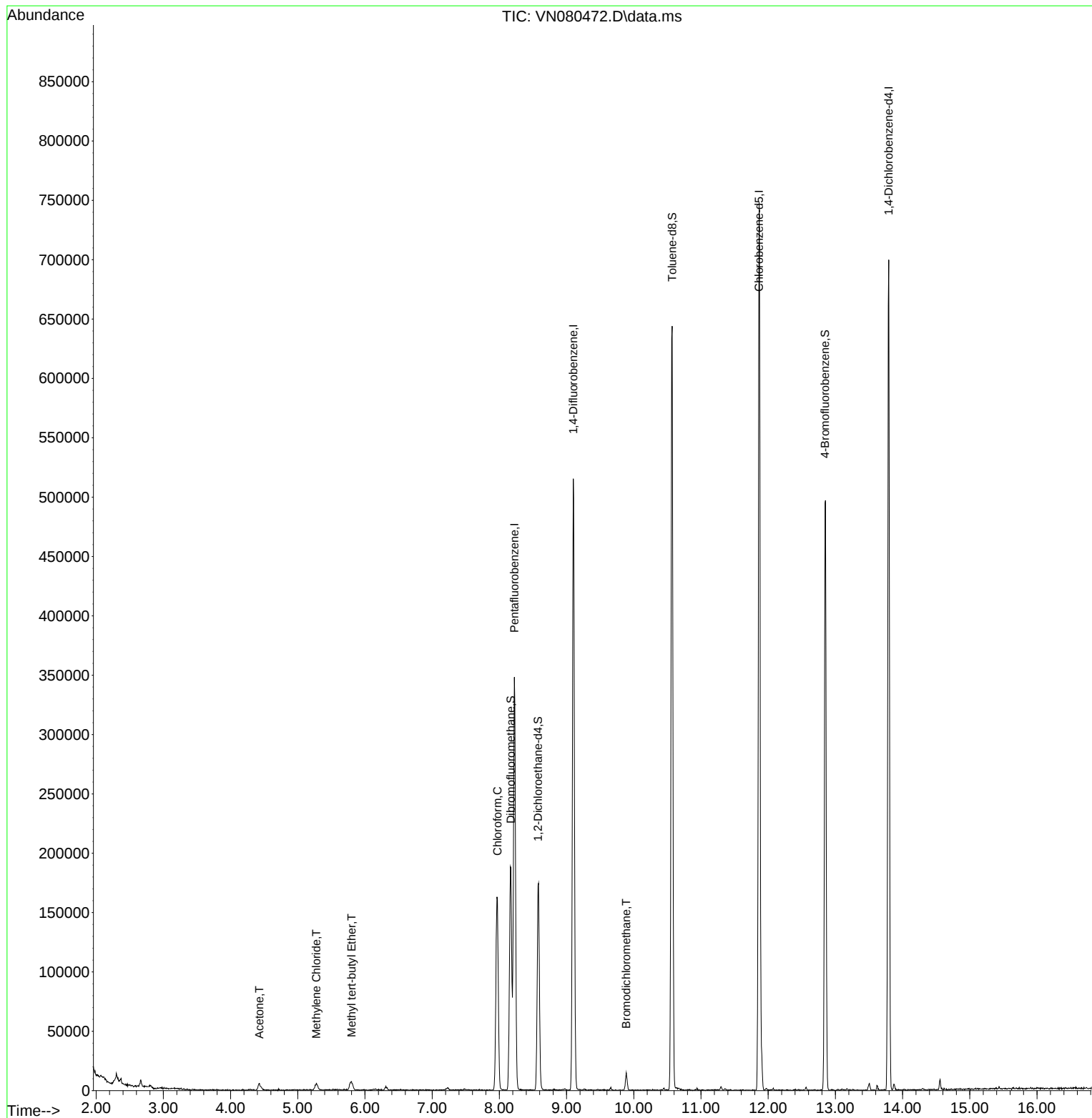
Internal Standards						
1) Pentafluorobenzene	8.224	168	241424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	436504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	435649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	190354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	158575	51.426	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.860%
35) Dibromofluoromethane	8.171	113	131281	47.435	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.860%
50) Toluene-d8	10.570	98	461709	44.732	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.460%
62) 4-Bromofluorobenzene	12.847	95	182959	46.680	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.360%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	10823	19.795	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	12361	1.428	ug/l	92
20) Methylene Chloride	5.277	84	4732	1.617	ug/l #	90
30) Chloroform	7.971	83	166644	31.048	ug/l	92
47) Bromodichloromethane	9.888	83	9883	2.092	ug/l #	92

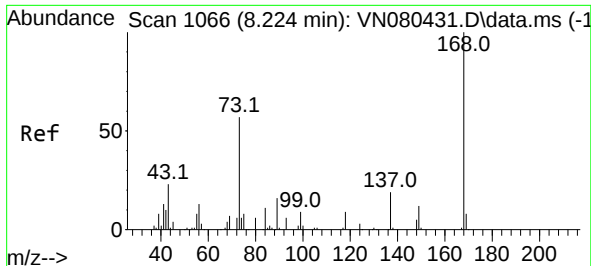
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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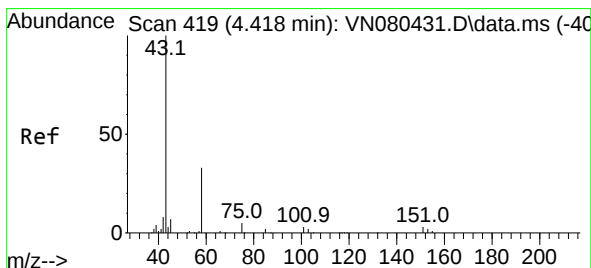
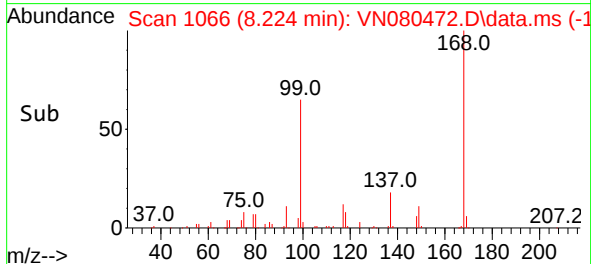
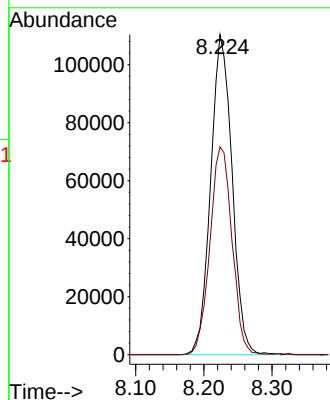
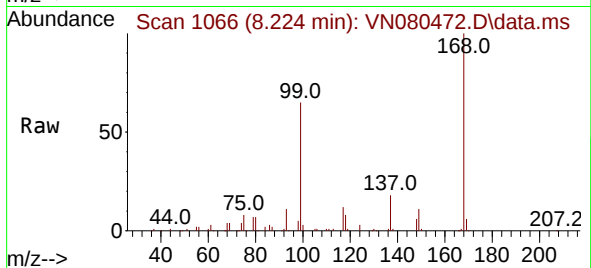




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080472.D
Acq: 13 Dec 2023 19:14

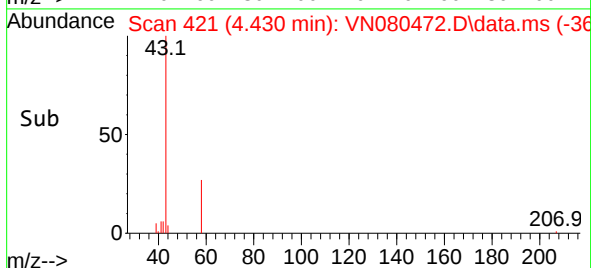
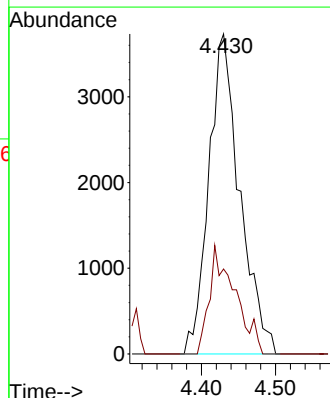
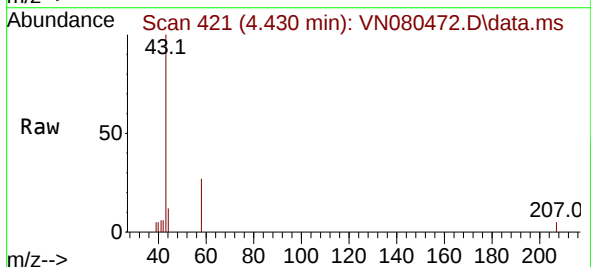
Instrument :
MSVOA_N
ClientSampleId :
MW-1B-EE-NN

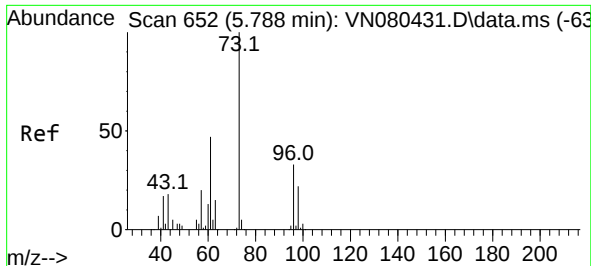
Tgt Ion:168 Resp: 241424
Ion Ratio Lower Upper
168 100
99 65.0 53.0 79.6



#16
Acetone
Concen: 19.795 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN080472.D
Acq: 13 Dec 2023 19:14

Tgt Ion: 43 Resp: 10823
Ion Ratio Lower Upper
43 100
58 26.5 28.0 42.0#

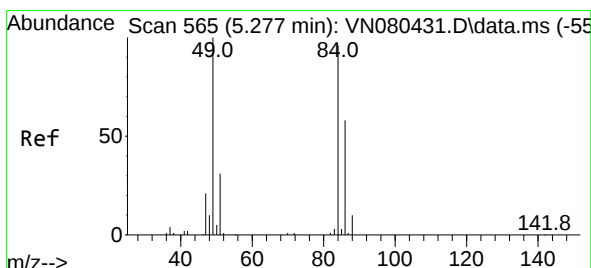
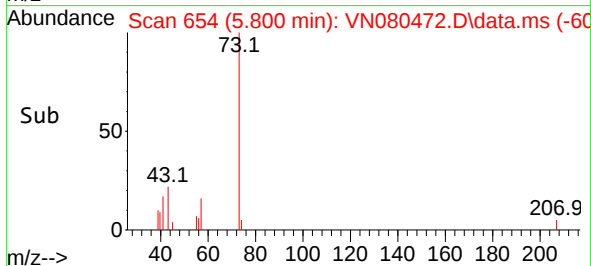
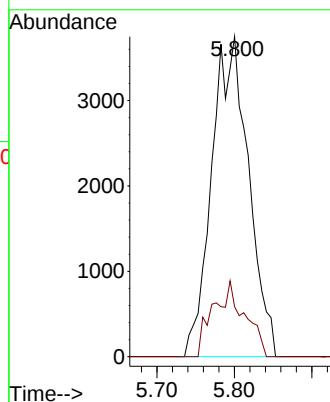
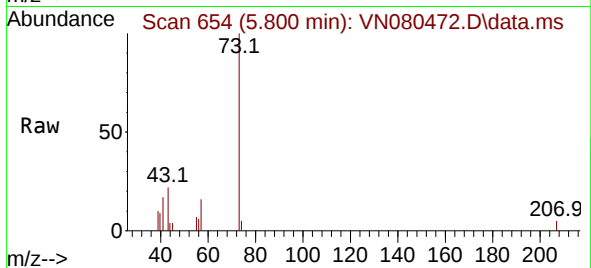




#19
Methyl tert-butyl Ether
Concen: 1.428 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN080472.D
Acq: 13 Dec 2023 19:14

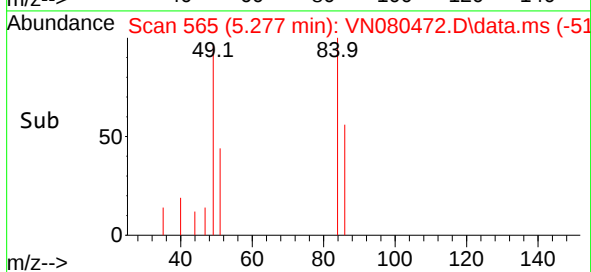
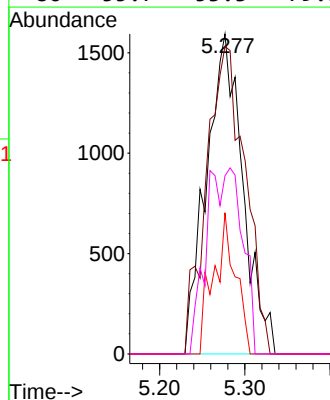
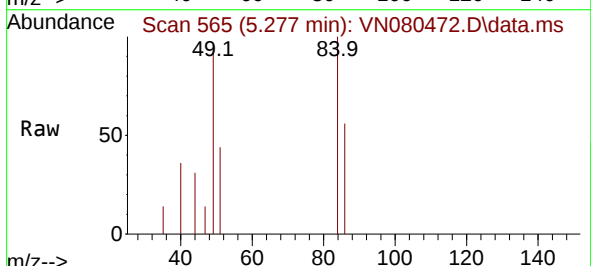
Instrument :
MSVOA_N
ClientSampleId :
MW-1B-EE-NN

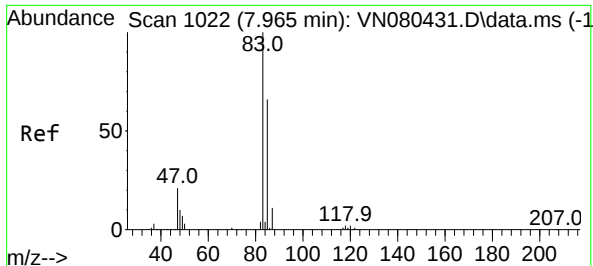
Tgt Ion: 73 Resp: 12361
Ion Ratio Lower Upper
73 100
57 15.6 15.6 23.4



#20
Methylene Chloride
Concen: 1.617 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN080472.D
Acq: 13 Dec 2023 19:14

Tgt Ion: 84 Resp: 4732
Ion Ratio Lower Upper
84 100
49 96.1 79.7 119.5
51 44.2 25.2 37.8#
86 55.7 53.3 79.9

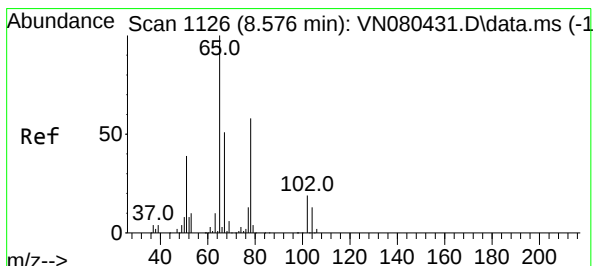
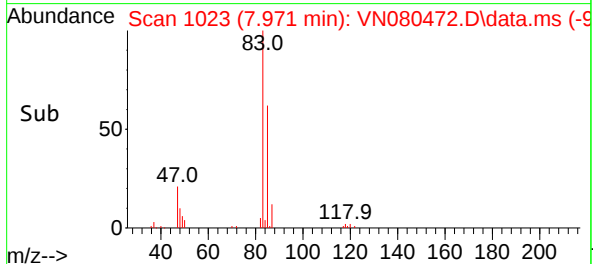
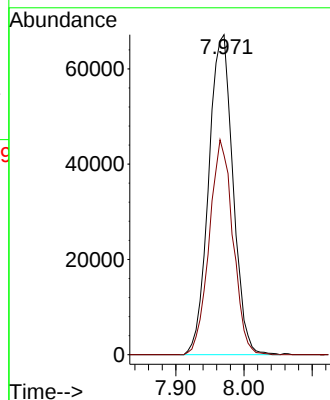
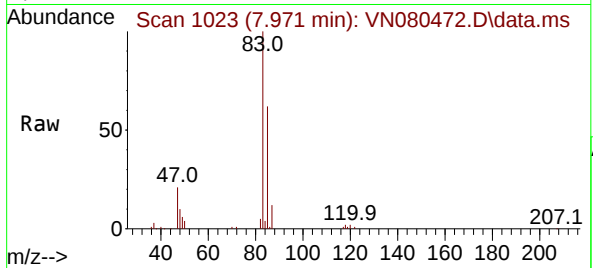




#30
Chloroform
Concen: 31.048 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN080472.D
Acq: 13 Dec 2023 19:14

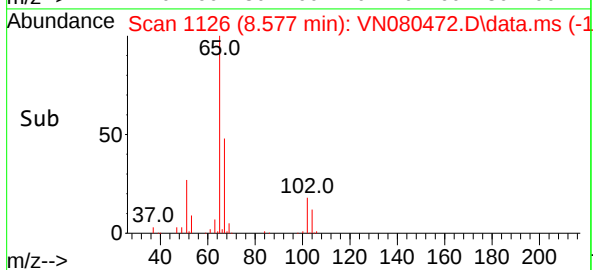
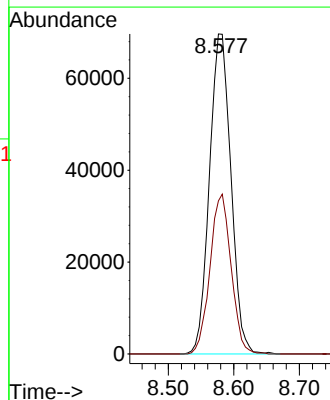
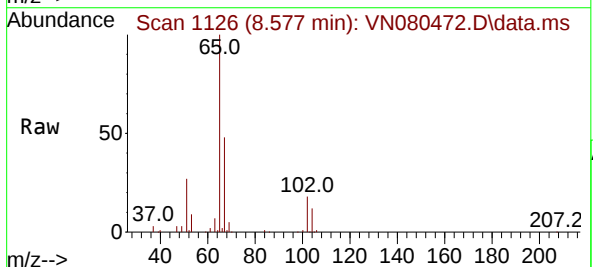
Instrument :
MSVOA_N
ClientSampleId :
MW-1B-EE-NN

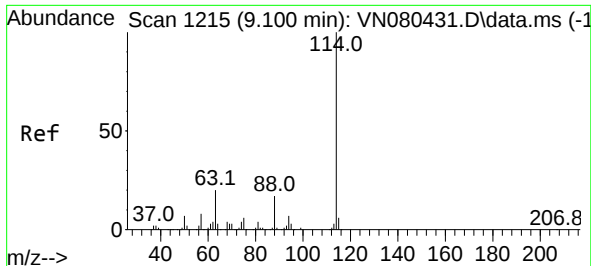
Tgt Ion: 83 Resp: 166644
Ion Ratio Lower Upper
83 100
85 62.3 55.4 83.0



#33
1,2-Dichloroethane-d4
Concen: 51.426 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080472.D
Acq: 13 Dec 2023 19:14

Tgt Ion: 65 Resp: 158575
Ion Ratio Lower Upper
65 100
67 49.1 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080472.D

Acq: 13 Dec 2023 19:14

Instrument :

MSVOA_N

ClientSampleId :

MW-1B-EE-NN

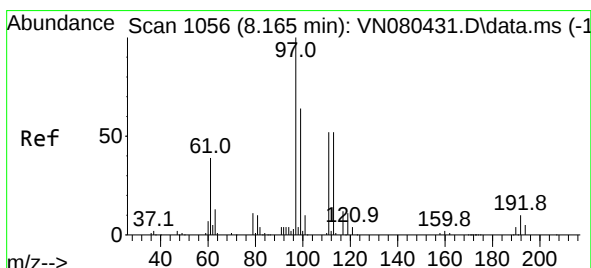
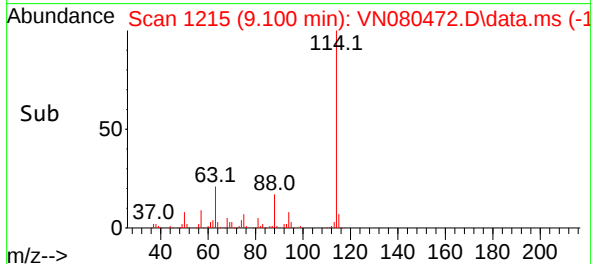
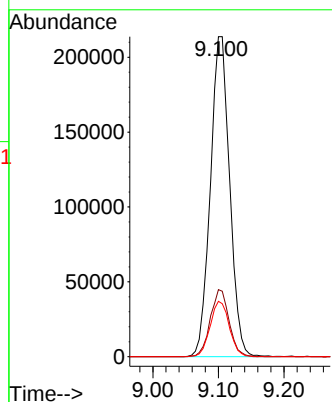
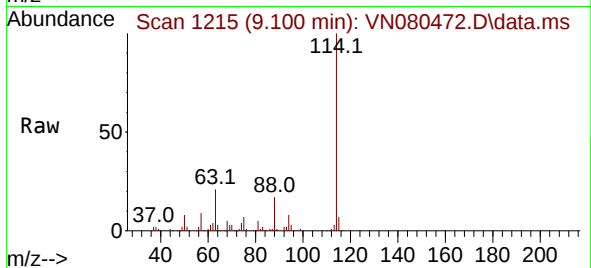
Tgt Ion:114 Resp: 436504

Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 17.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.435 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080472.D

Acq: 13 Dec 2023 19:14

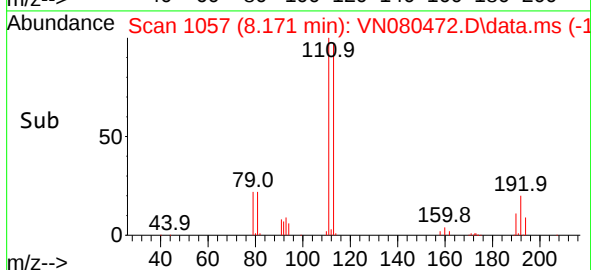
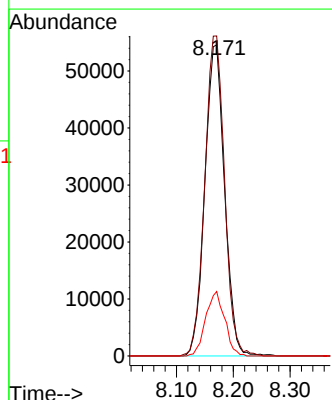
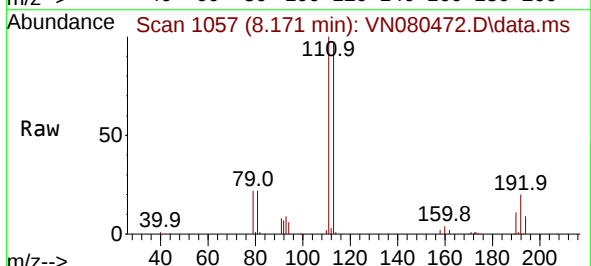
Tgt Ion:113 Resp: 131281

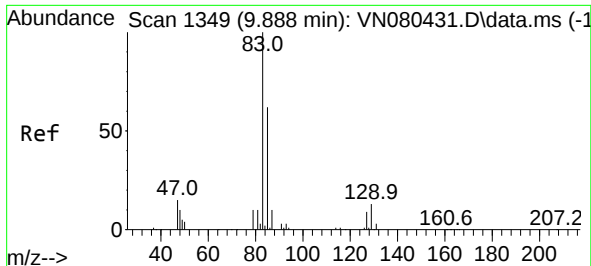
Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

192 20.0 12.7 19.1#





#47

Bromodichloromethane

Concen: 2.092 ug/l

RT: 9.888 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080472.D

Acq: 13 Dec 2023 19:14

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MW-1B-EE-NN

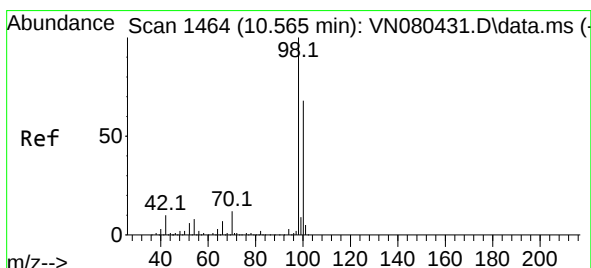
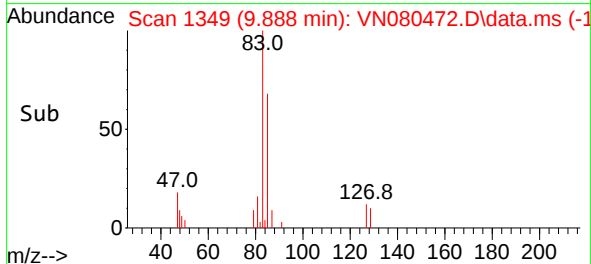
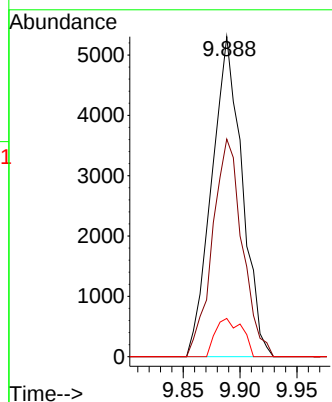
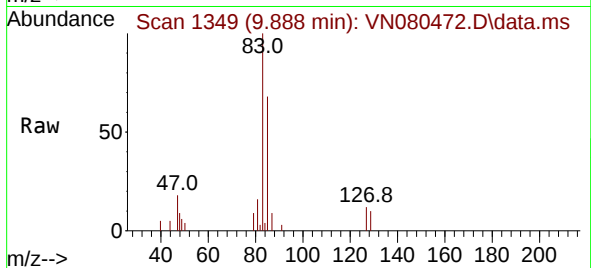
Tgt Ion: 83 Resp: 9883

Ion Ratio Lower Upper

83 100

85 68.0 49.6 74.4

127 11.9 7.0 10.6#



#50

Toluene-d8

Concen: 44.732 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080472.D

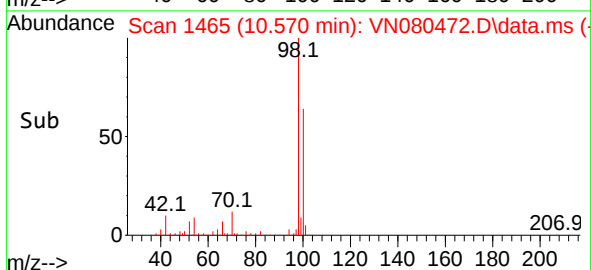
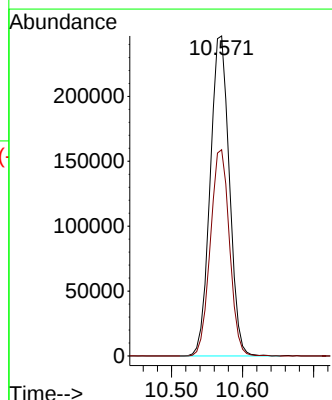
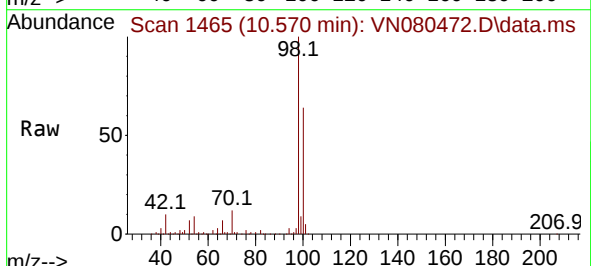
Acq: 13 Dec 2023 19:14

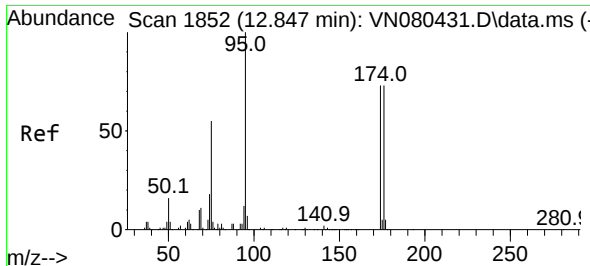
Tgt Ion: 98 Resp: 461709

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0

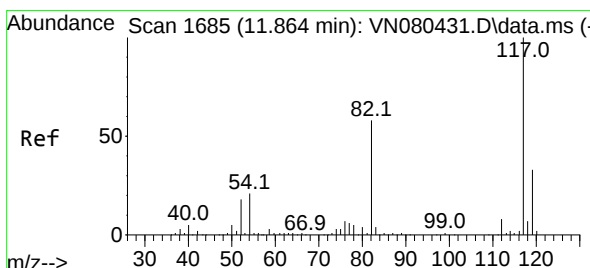
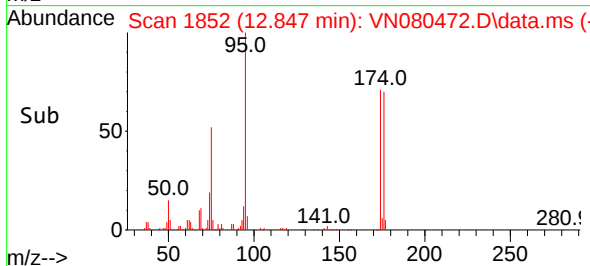
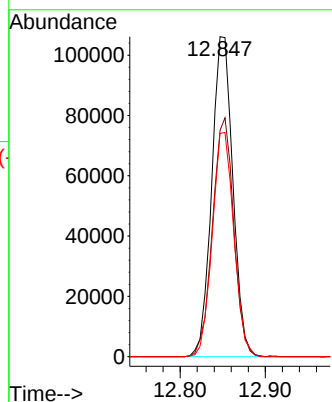
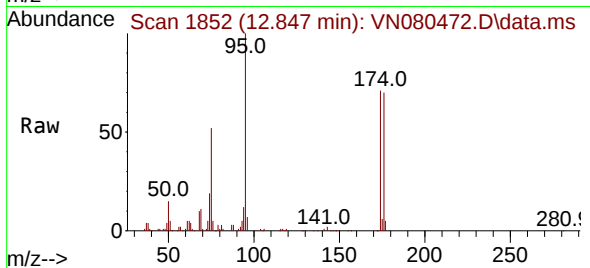




#62
4-Bromofluorobenzene
Concen: 46.680 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080472.D
Acq: 13 Dec 2023 19:14

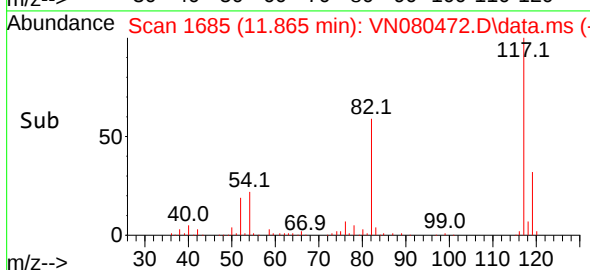
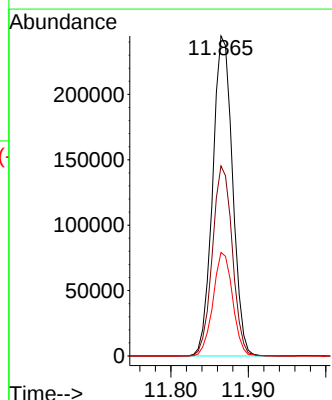
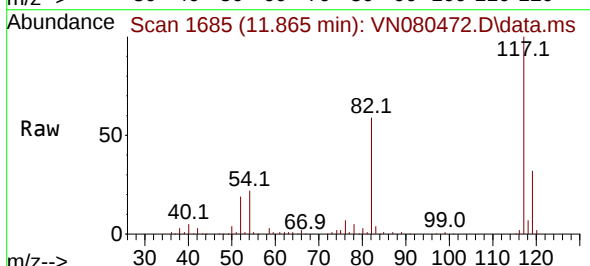
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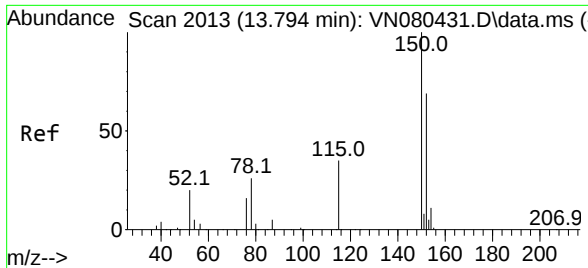
Tgt Ion: 95 Resp: 182959
Ion Ratio Lower Upper
95 100
174 74.8 0.0 143.8
176 71.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080472.D
Acq: 13 Dec 2023 19:14

Tgt Ion: 117 Resp: 435649
Ion Ratio Lower Upper
117 100
82 59.4 44.0 66.0
119 32.3 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: VN080472.D
 Acq: 13 Dec 2023 19:14

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1B-EE-NN

Tgt Ion:152 Resp: 190354
 Ion Ratio Lower Upper
 152 100
 115 66.1 32.3 96.8
 150 155.9 0.0 355.8

