

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120423\
 Data File : VN080347.D
 Acq On : 04 Dec 2023 18:44
 Operator : JC\MD
 Sample : 05612-05 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-06S

Quant Time: Dec 05 04:21:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

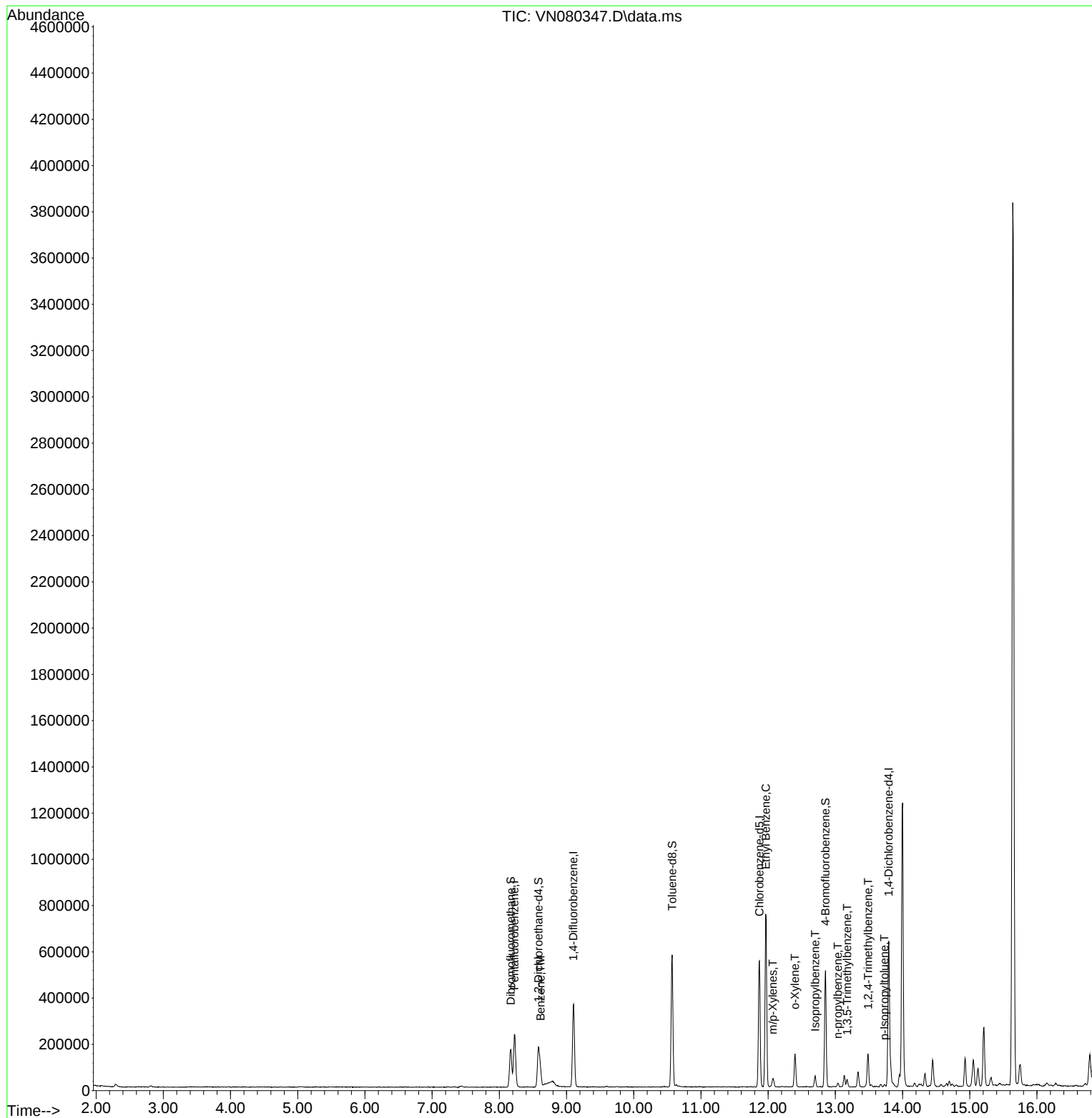
Internal Standards						
1) Pentafluorobenzene	8.224	168	157754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	296739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	313432	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	162436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	143919	55.252	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	110.500%	
35) Dibromofluoromethane	8.171	113	112593	51.423	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	102.840%	
50) Toluene-d8	10.571	98	393383	49.840	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	99.680%	
62) 4-Bromofluorobenzene	12.853	95	168762	56.608	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	113.220%	
Target Compounds						
40) Benzene	8.612	78	79787	8.856	ug/l	99
67) Ethyl Benzene	11.965	91	544937	43.119	ug/l	98
68) m/p-Xylenes	12.071	106	12413	2.694	ug/l	95
69) o-Xylene	12.400	106	37934	8.735	ug/l	88
73) Isopropylbenzene	12.700	105	29517	2.338	ug/l	96
78) n-propylbenzene	13.035	91	13356	0.946	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	15458	1.407	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	84231	7.785	ug/l	97
86) p-Isopropyltoluene	13.729	119	4567	0.459	ug/l #	72

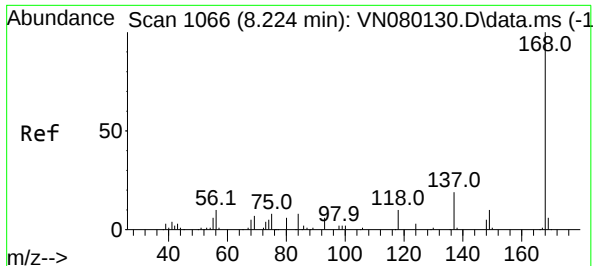
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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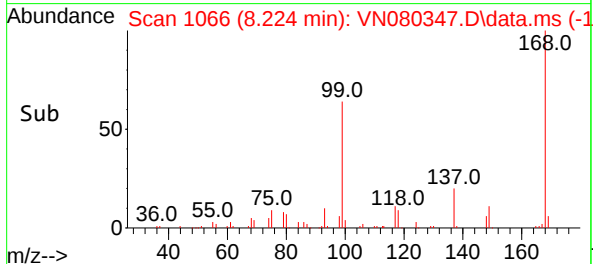
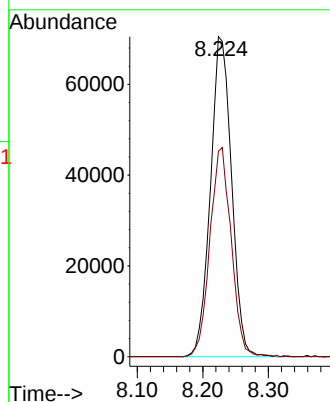
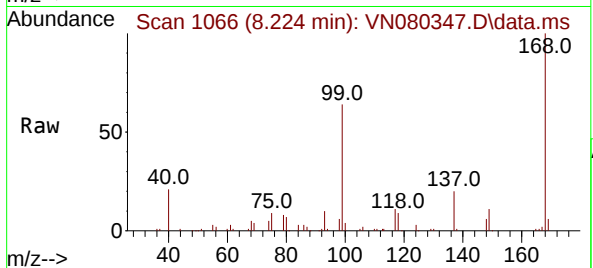




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080347.D
Acq: 04 Dec 2023 18:44

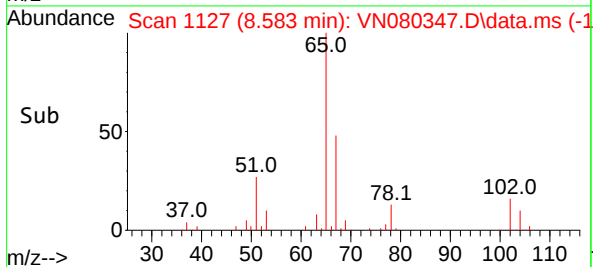
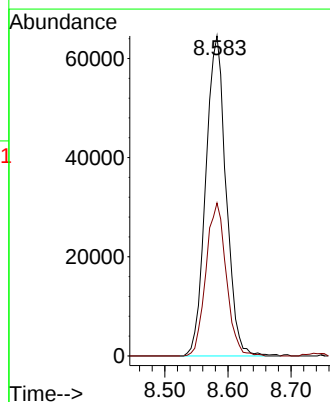
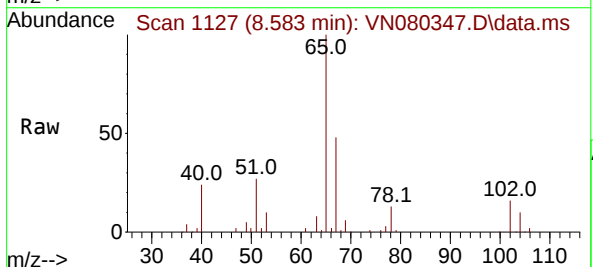
Instrument :
MSVOA_N
ClientSampleId :
MW-06S

Tgt Ion:168 Resp: 157754
Ion Ratio Lower Upper
168 100
99 64.2 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 55.252 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080347.D
Acq: 04 Dec 2023 18:44

Tgt Ion: 65 Resp: 143919
Ion Ratio Lower Upper
65 100
67 47.8 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080347.D

Acq: 04 Dec 2023 18:44

Instrument :

MSVOA_N

ClientSampleId :

MW-06S

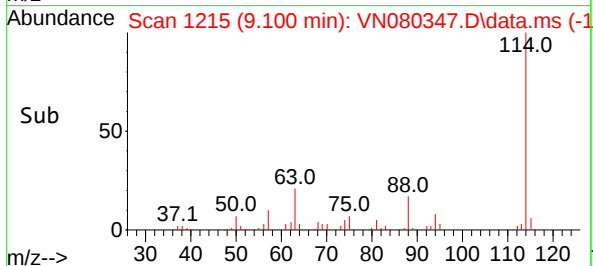
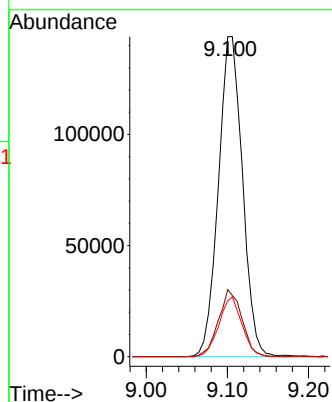
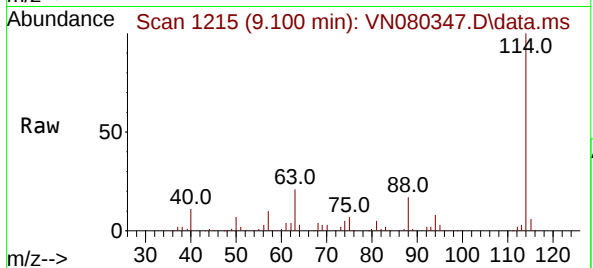
Tgt Ion:114 Resp: 296739

Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 17.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.423 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080347.D

Acq: 04 Dec 2023 18:44

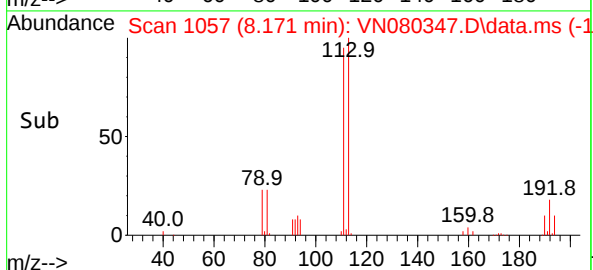
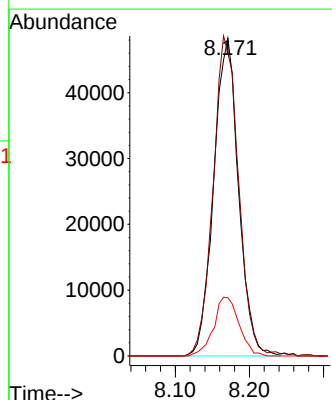
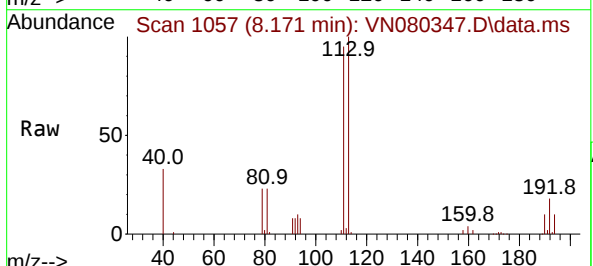
Tgt Ion:113 Resp: 112593

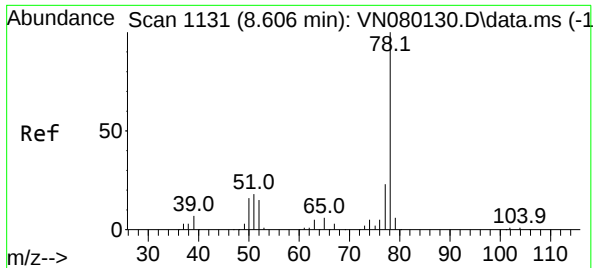
Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

192 18.9 12.7 19.1





#40

Benzene

Concen: 8.856 ug/l

RT: 8.612 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN080347.D

Acq: 04 Dec 2023 18:44

Instrument :

MSVOA_N

ClientSampleId :

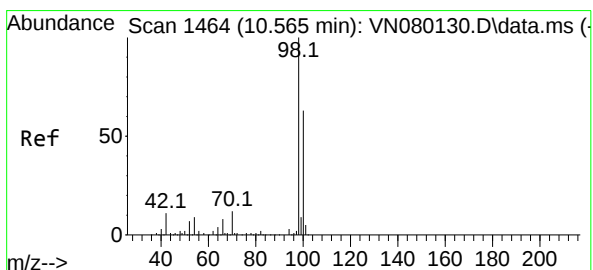
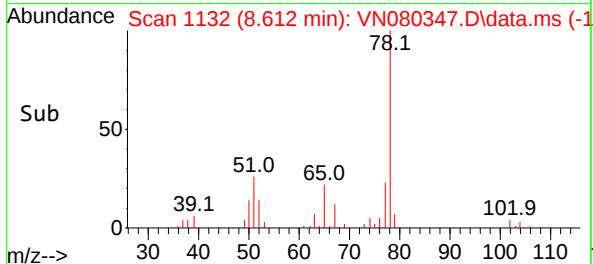
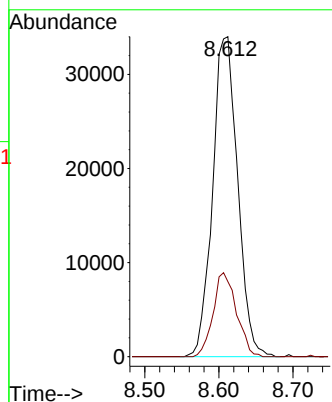
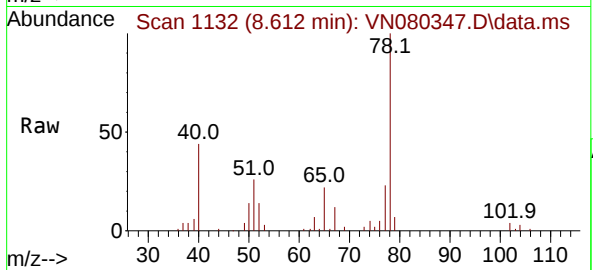
MW-06S

Tgt Ion: 78 Resp: 79787

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.6



#50

Toluene-d8

Concen: 49.840 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080347.D

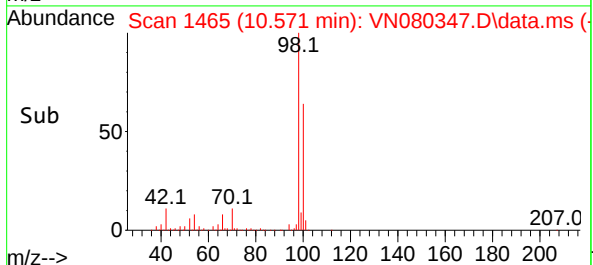
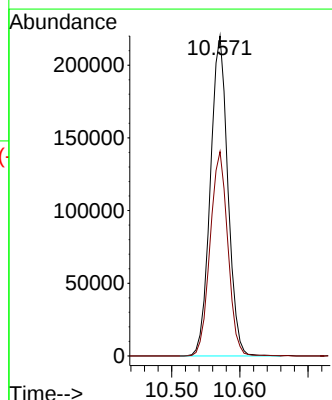
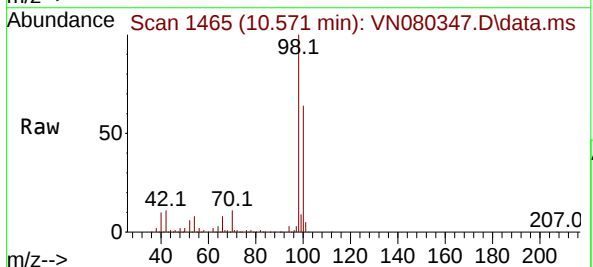
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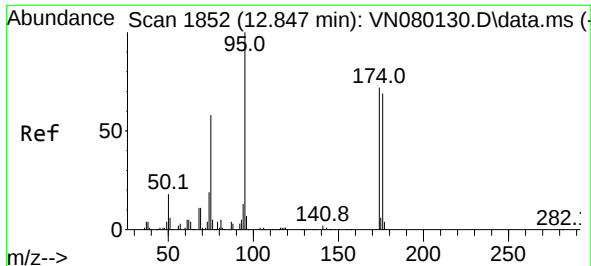
Tgt Ion: 98 Resp: 393383

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0

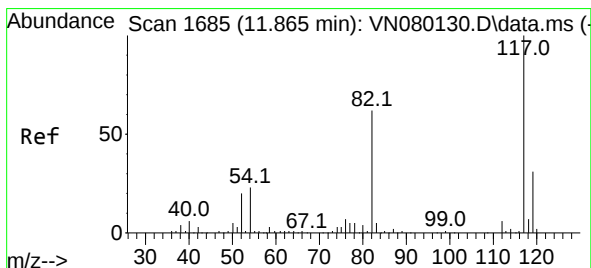
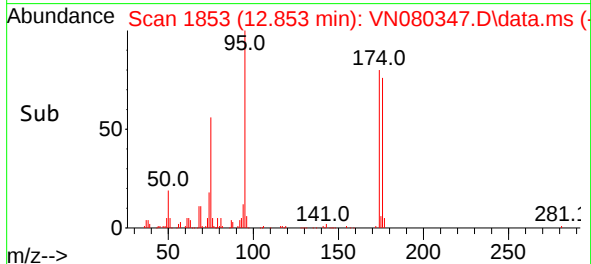
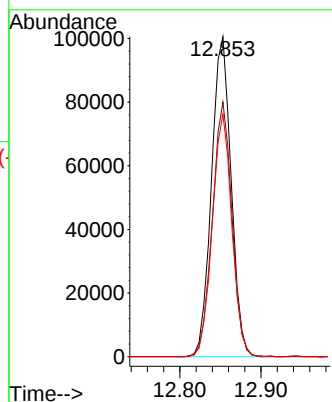
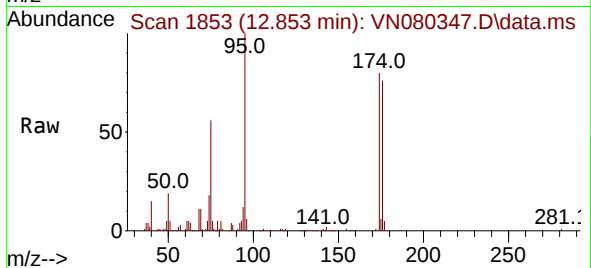




#62
4-Bromofluorobenzene
Concen: 56.608 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080347.D
Acq: 04 Dec 2023 18:44

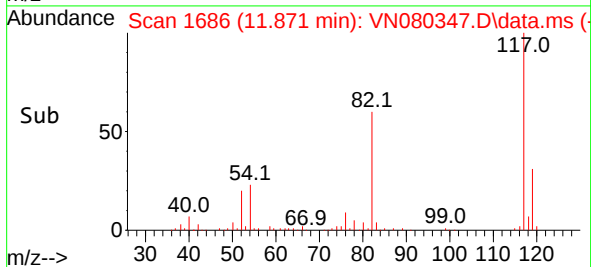
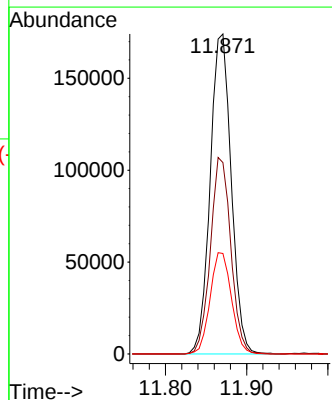
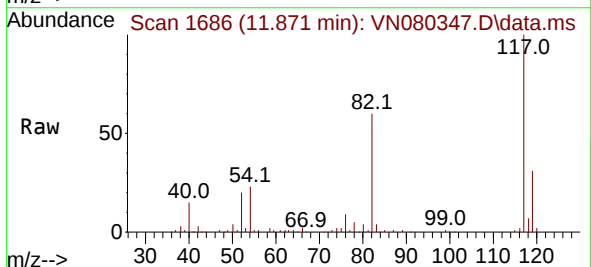
Instrument :
MSVOA_N
ClientSampleId :
MW-06S

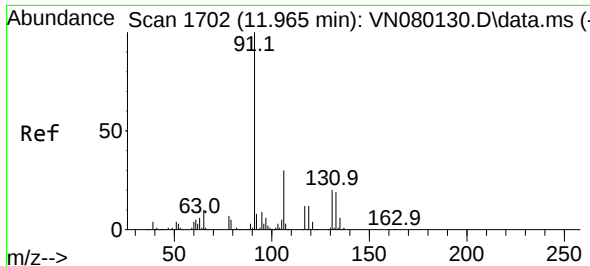
Tgt Ion: 95 Resp: 168762
Ion Ratio Lower Upper
95 100
174 79.1 0.0 143.8
176 75.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080347.D
Acq: 04 Dec 2023 18:44

Tgt Ion: 117 Resp: 313432
Ion Ratio Lower Upper
117 100
82 59.8 44.0 66.0
119 31.4 25.6 38.4

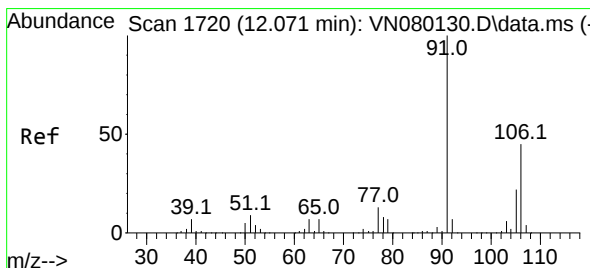
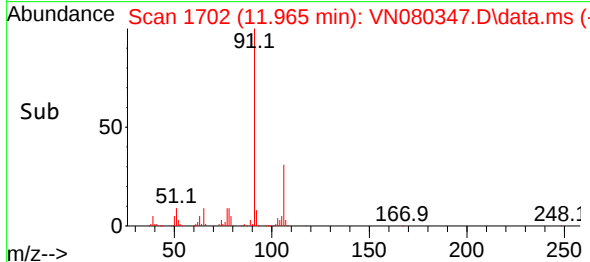
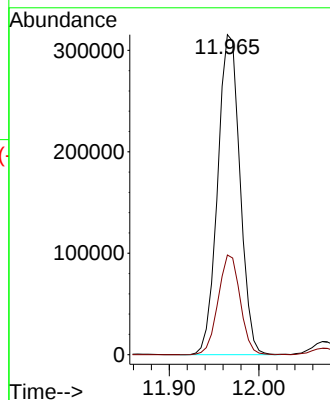
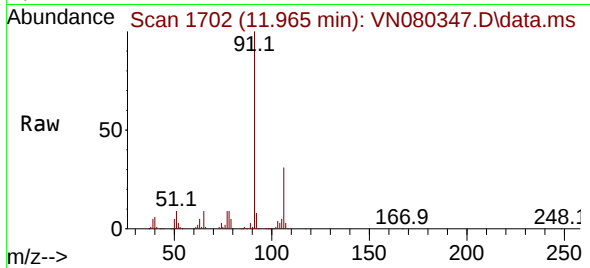




#67
Ethyl Benzene
Concen: 43.119 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080347.D
Acq: 04 Dec 2023 18:44

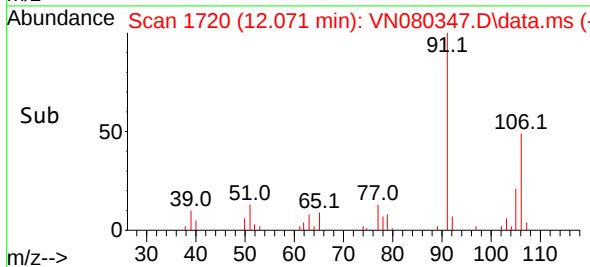
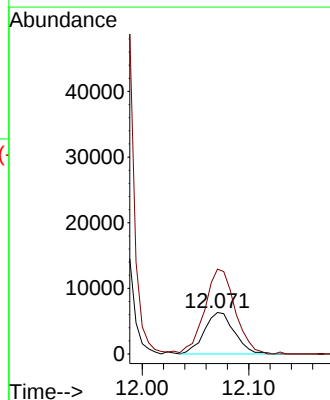
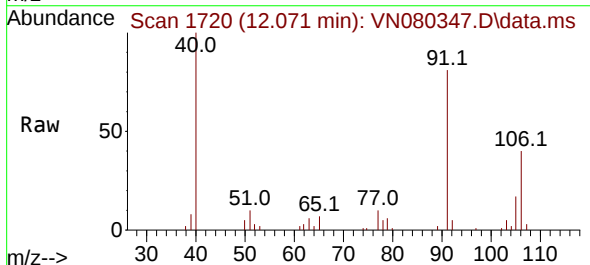
Instrument :
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ClientSampleId :
MW-06S

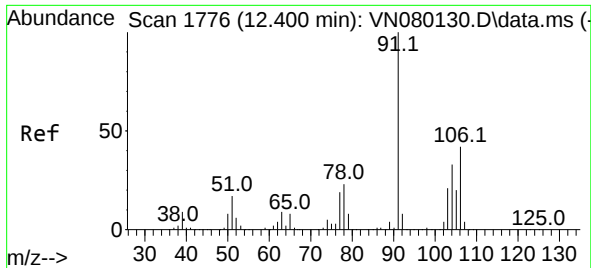
Tgt Ion: 91 Resp: 544937
Ion Ratio Lower Upper
91 100
106 31.1 25.6 38.4



#68
m/p-Xylenes
Concen: 2.694 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080347.D
Acq: 04 Dec 2023 18:44

Tgt Ion:106 Resp: 12413
Ion Ratio Lower Upper
106 100
91 207.3 159.6 239.4

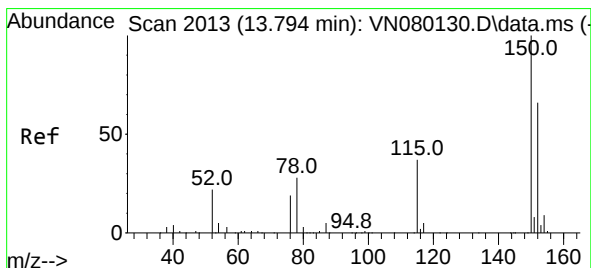
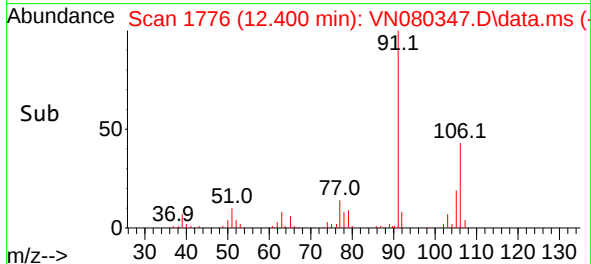
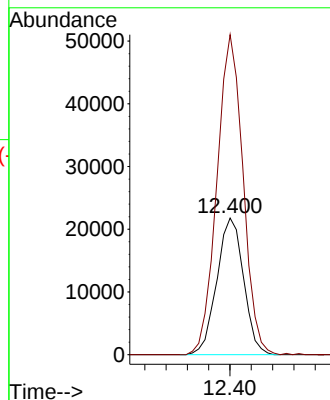
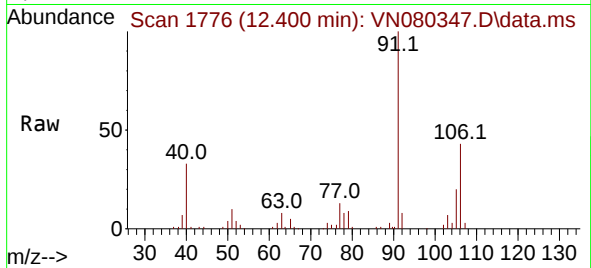




#69
o-Xylene
Concen: 8.735 ug/l
RT: 12.400 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080347.D
Acq: 04 Dec 2023 18:44

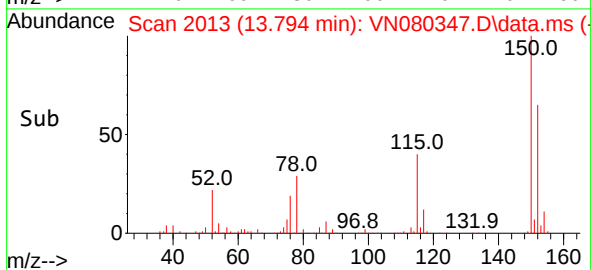
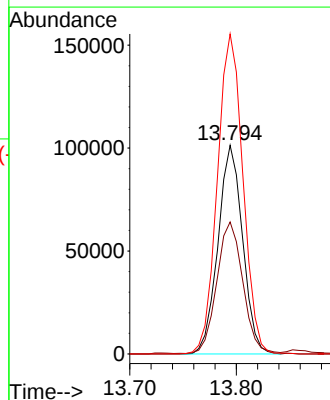
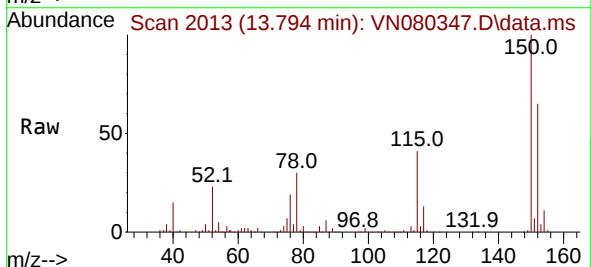
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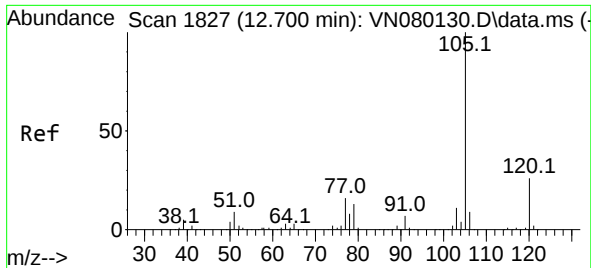
Tgt Ion:106 Resp: 37934
Ion Ratio Lower Upper
106 100
91 228.8 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080347.D
Acq: 04 Dec 2023 18:44

Tgt Ion:152 Resp: 162436
Ion Ratio Lower Upper
152 100
115 66.2 32.3 96.8
150 159.2 0.0 355.8

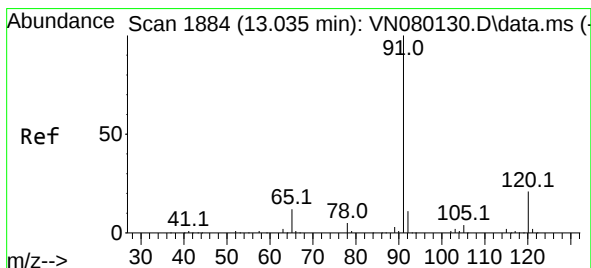
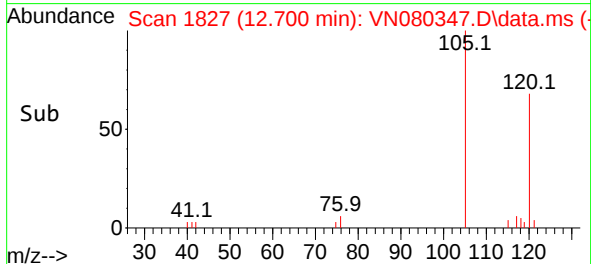
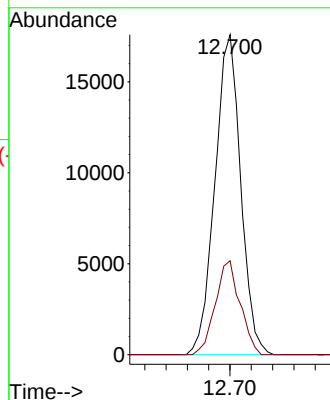
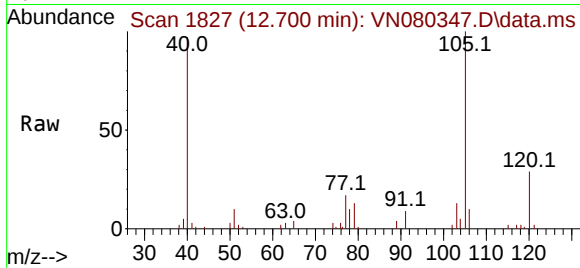




#73
Isopropylbenzene
Concen: 2.338 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080347.D
Acq: 04 Dec 2023 18:44

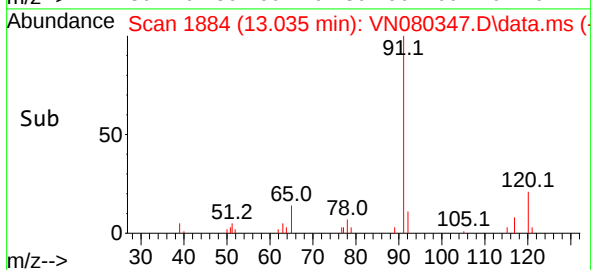
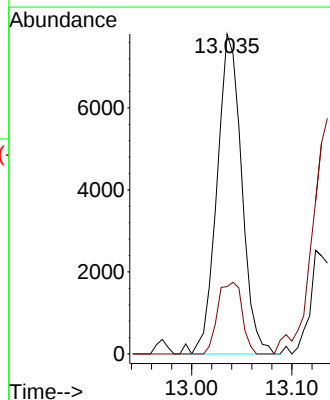
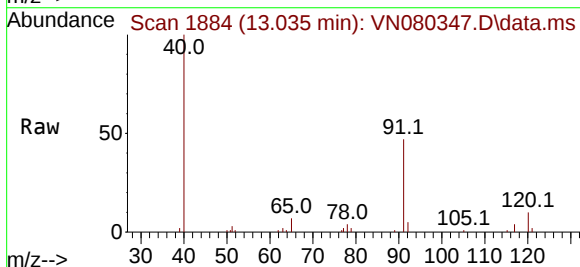
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MSVOA_N
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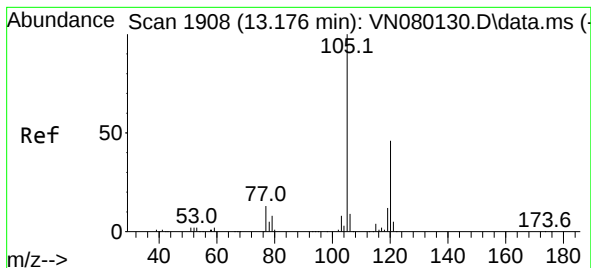
Tgt Ion:105 Resp: 29517
Ion Ratio Lower Upper
105 100
120 28.1 13.1 39.1



#78
n-propylbenzene
Concen: 0.946 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080347.D
Acq: 04 Dec 2023 18:44

Tgt Ion: 91 Resp: 13356
Ion Ratio Lower Upper
91 100
120 21.9 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 1.407 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN080347.D

Acq: 04 Dec 2023 18:44

Instrument :

MSVOA_N

ClientSampleId :

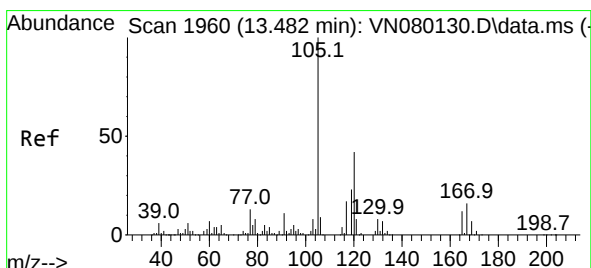
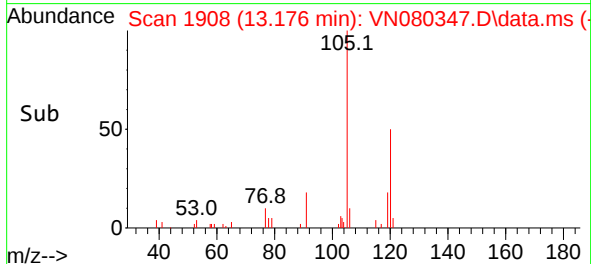
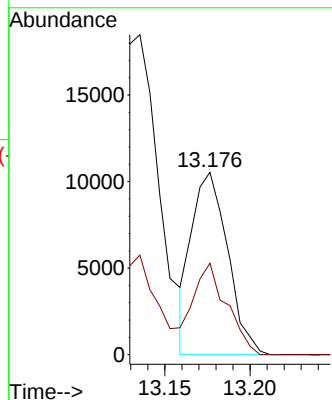
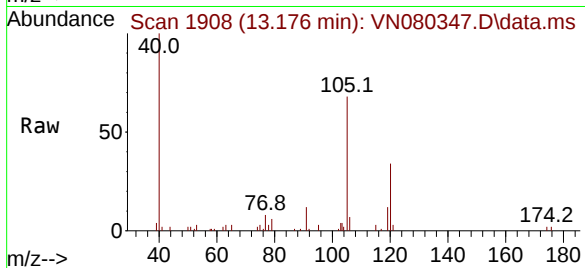
MW-06S

Tgt Ion:105 Resp: 15458

Ion Ratio Lower Upper

105 100

120 49.8 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 7.785 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.006 min

Lab File: VN080347.D

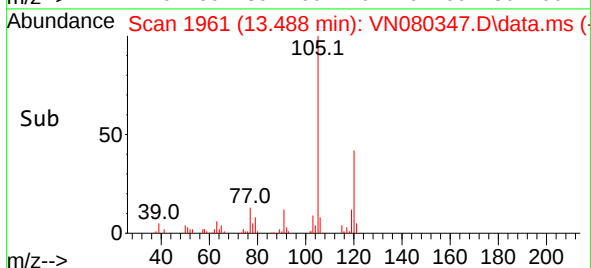
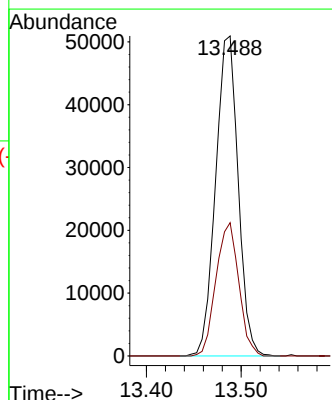
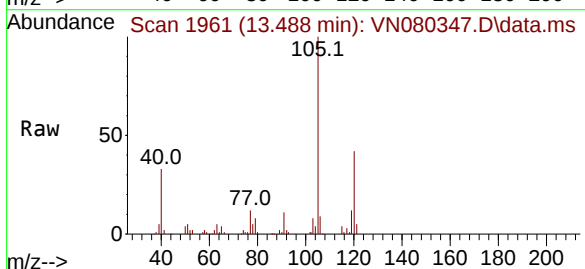
Acq: 04 Dec 2023 18:44

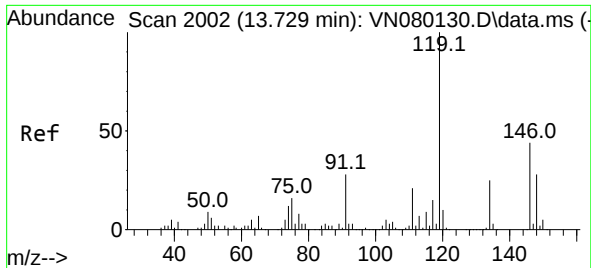
Tgt Ion:105 Resp: 84231

Ion Ratio Lower Upper

105 100

120 42.1 22.0 66.0





#86
 p-Isopropyltoluene
 Concen: 0.459 ug/l
 RT: 13.729 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080347.D
 Acq: 04 Dec 2023 18:44

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-06S

Tgt Ion	Ratio	Lower	Upper
119	100		
134	28.5	12.6	37.8
91	0.0	12.4	37.2#

