

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120523\
 Data File : VN080360.D
 Acq On : 05 Dec 2023 12:48
 Operator : JC\MD
 Sample : 05612-01DL 40X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-06IDL

Quant Time: Dec 06 00:50:10 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)

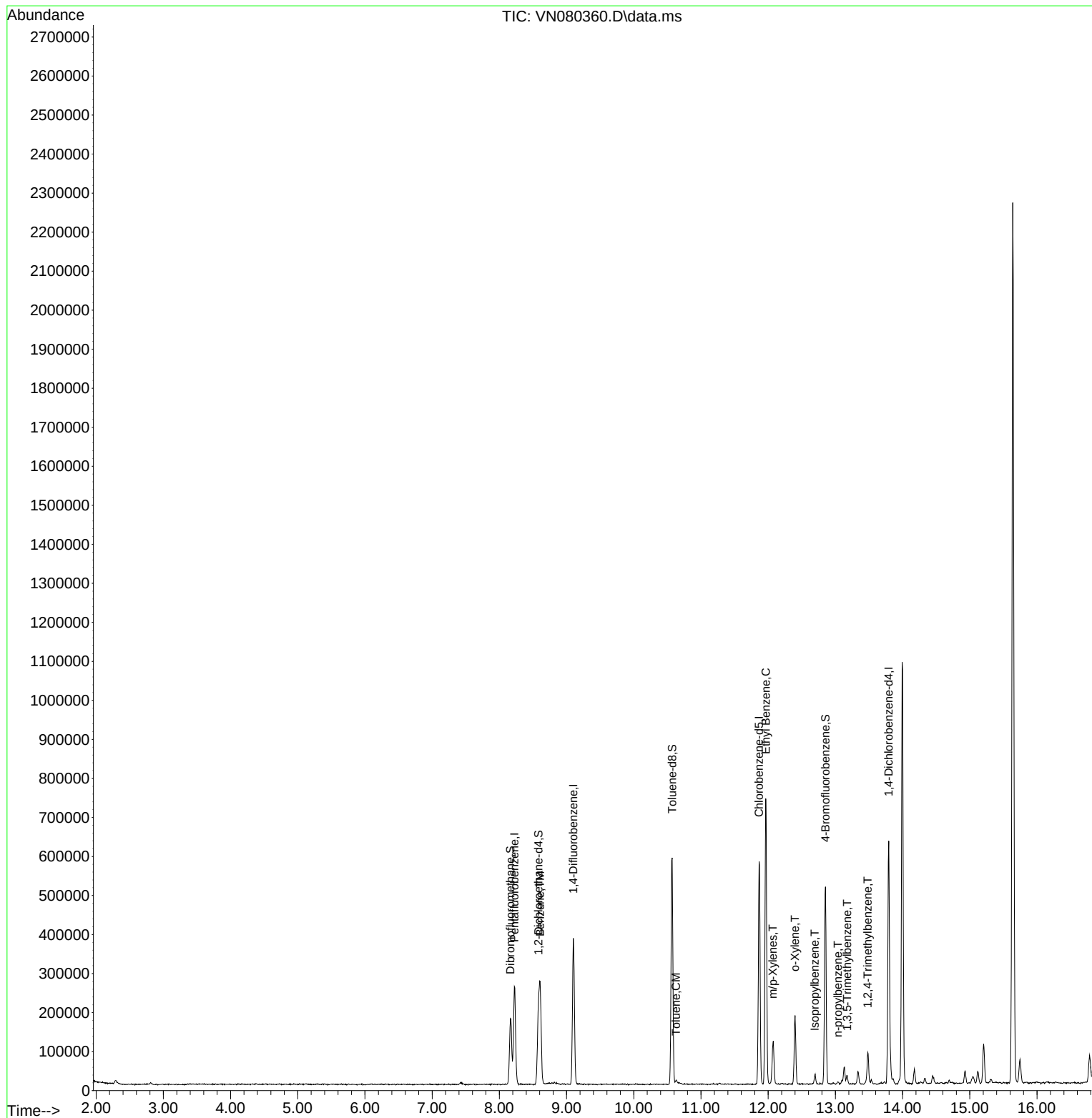
Internal Standards						
1) Pentafluorobenzene	8.224	168	171779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	311125	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	328633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	164236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	148094	52.213	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.420%	
35) Dibromofluoromethane	8.165	113	118228	51.500	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.000%	
50) Toluene-d8	10.570	98	412650	49.864	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.720%	
62) 4-Bromofluorobenzene	12.853	95	177725	56.857	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.720%	
Target Compounds						
40) Benzene	8.606	78	239982	25.405	ug/l	Qvalue 99
52) Toluene	10.629	92	4490	0.760	ug/l	97
67) Ethyl Benzene	11.965	91	536316	40.474	ug/l	96
68) m/p-Xylenes	12.070	106	35238	7.294	ug/l	91
69) o-Xylene	12.400	106	46784	10.275	ug/l	91
73) Isopropylbenzene	12.694	105	15517	1.216	ug/l	97
78) n-propylbenzene	13.035	91	4645	0.325	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	12386	1.115	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	47404	4.333	ug/l	97

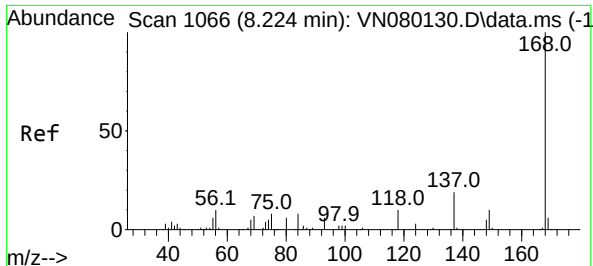
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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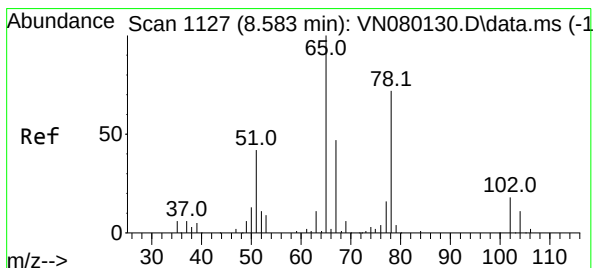
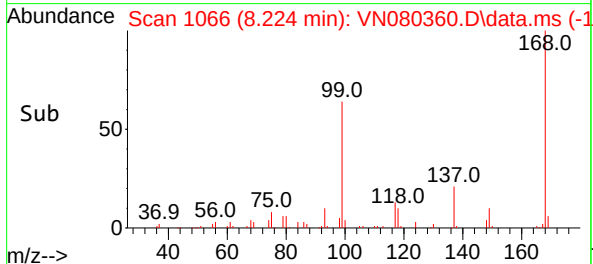
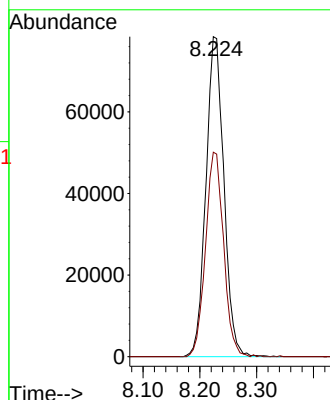
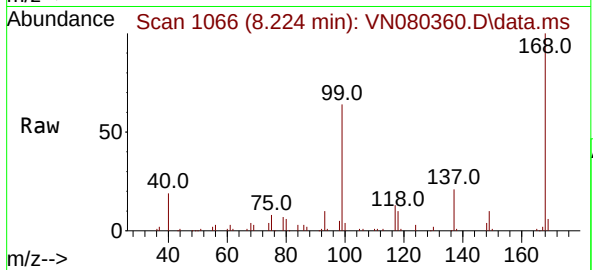




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080360.D
Acq: 05 Dec 2023 12:48

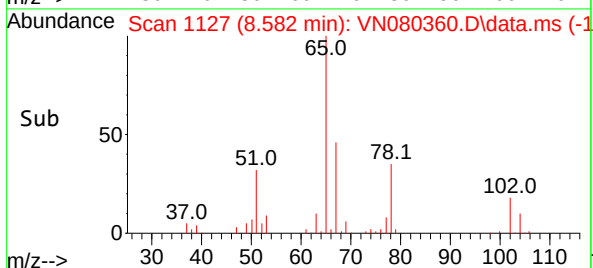
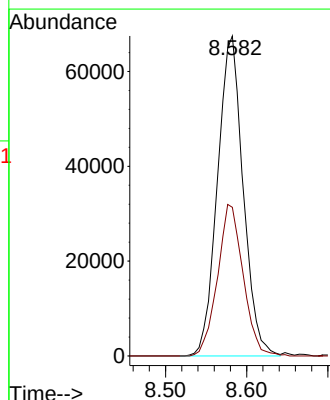
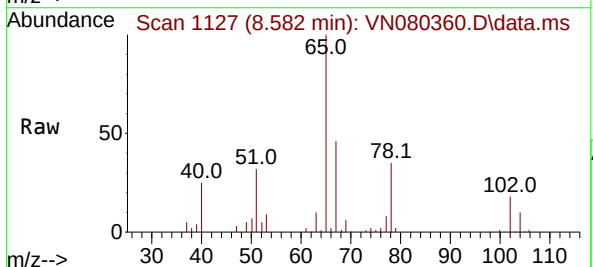
Instrument :
MSVOA_N
ClientSampleId :
MW-06IDL

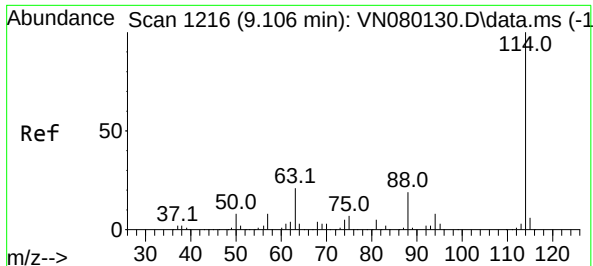
Tgt Ion:168 Resp: 171779
Ion Ratio Lower Upper
168 100
99 63.9 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 52.213 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080360.D
Acq: 05 Dec 2023 12:48

Tgt Ion: 65 Resp: 148094
Ion Ratio Lower Upper
65 100
67 47.3 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN080360.D

Acq: 05 Dec 2023 12:48

Instrument :

MSVOA_N

ClientSampleId :

MW-06IDL

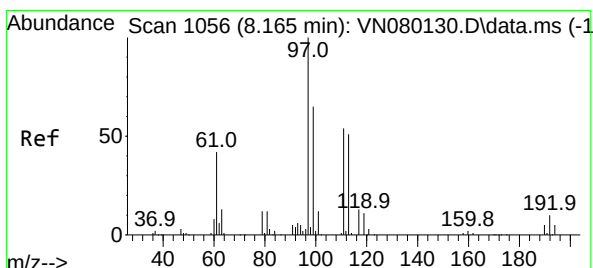
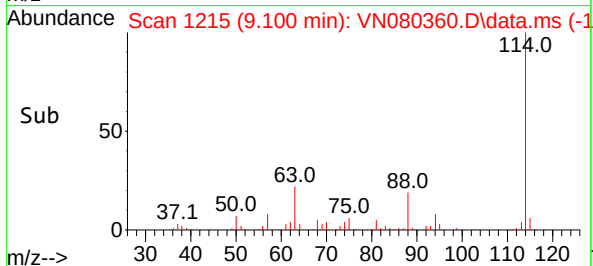
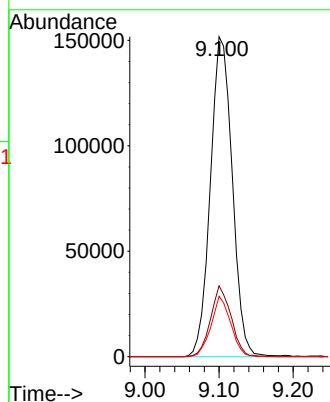
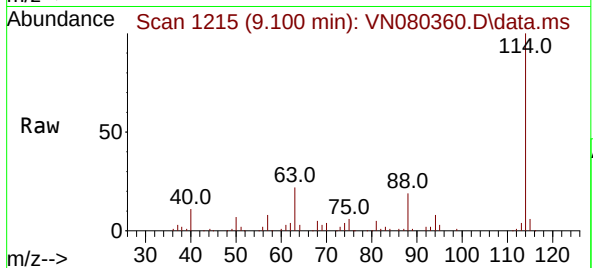
Tgt Ion:114 Resp: 311125

Ion Ratio Lower Upper

114 100

63 22.2 0.0 36.4

88 18.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.500 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080360.D

Acq: 05 Dec 2023 12:48

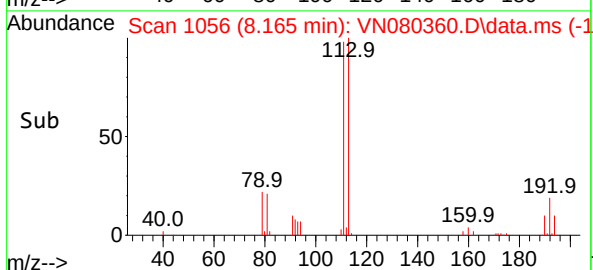
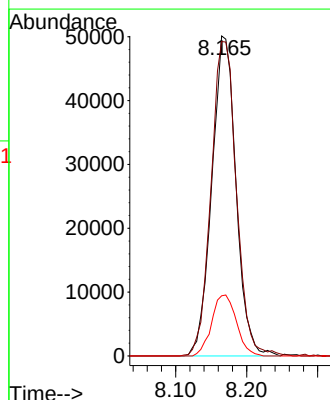
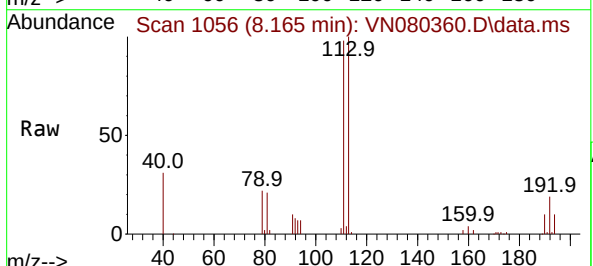
Tgt Ion:113 Resp: 118228

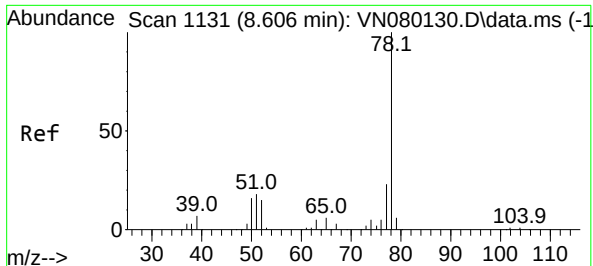
Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

192 19.5 12.7 19.1#





#40

Benzene

Concen: 25.405 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080360.D

Acq: 05 Dec 2023 12:48

Instrument :

MSVOA_N

ClientSampleId :

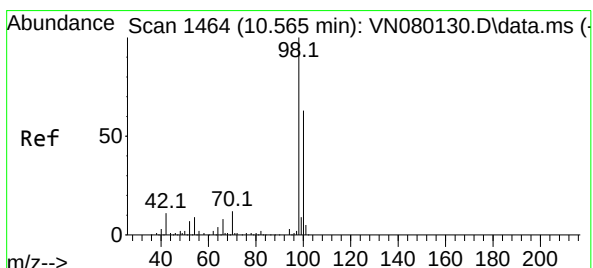
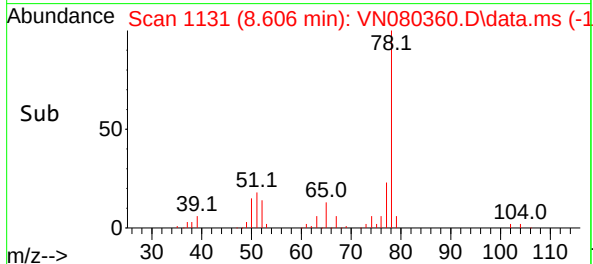
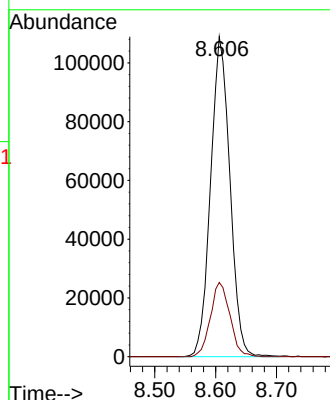
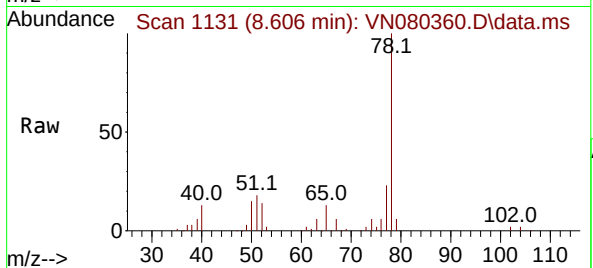
MW-06IDL

Tgt Ion: 78 Resp: 239982

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.6



#50

Toluene-d8

Concen: 49.864 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080360.D

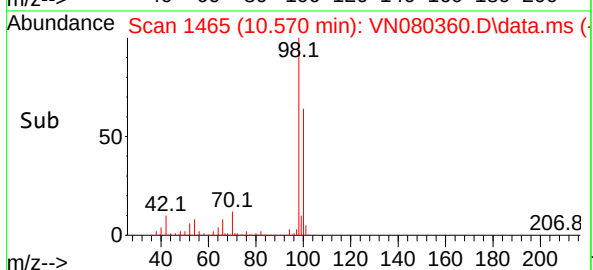
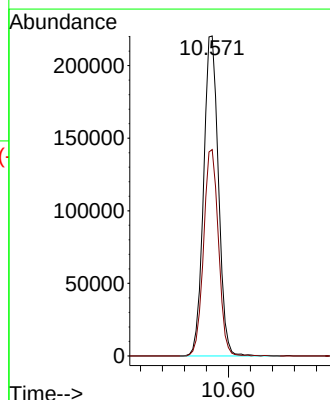
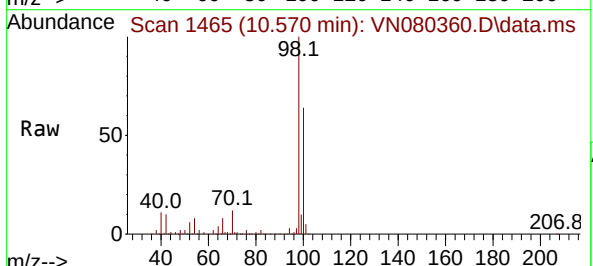
Acq: 05 Dec 2023 12:48

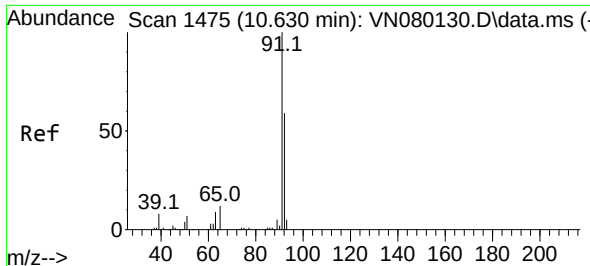
Tgt Ion: 98 Resp: 412650

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0

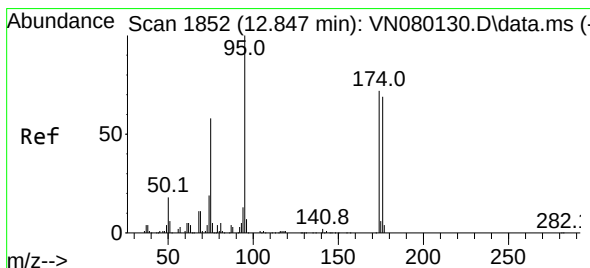
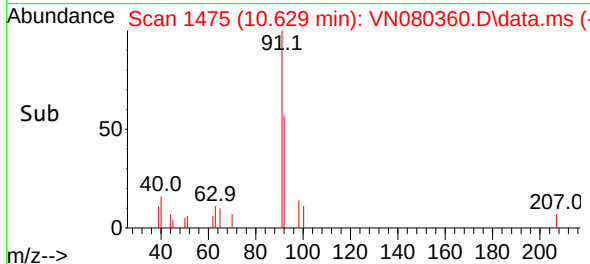
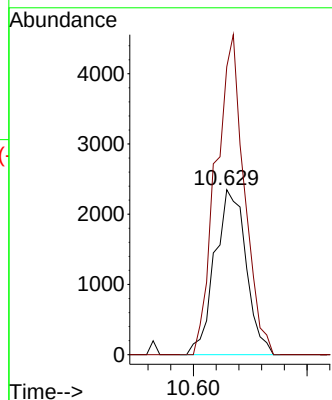
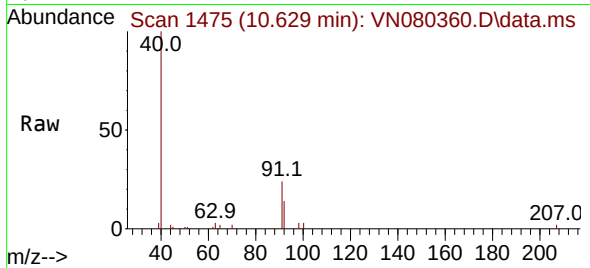




#52
Toluene
Concen: 0.760 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080360.D
Acq: 05 Dec 2023 12:48

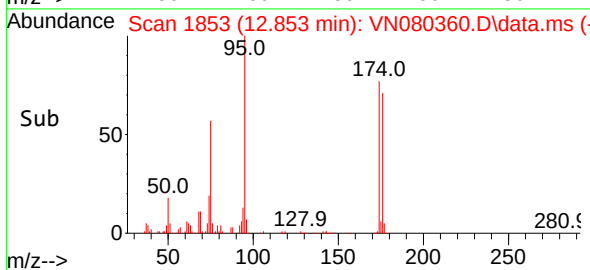
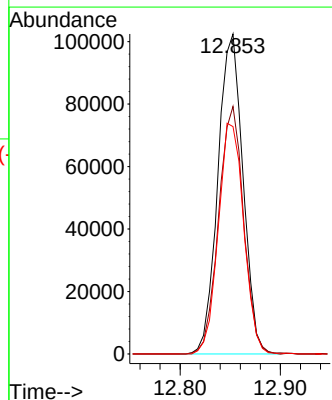
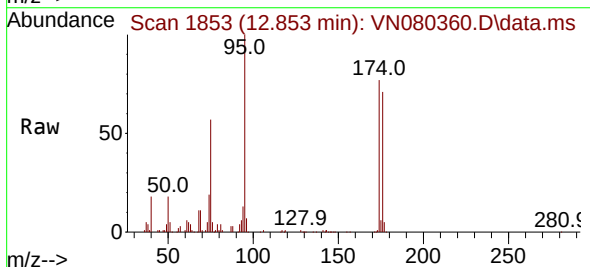
Instrument :
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ClientSampleId :
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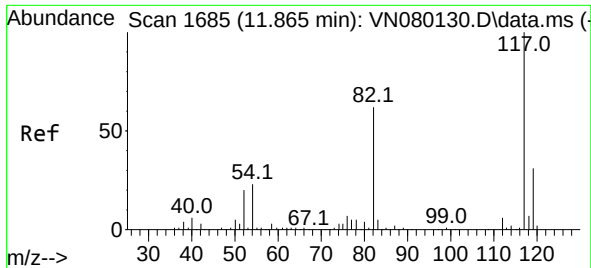
Tgt Ion: 92 Resp: 4490
Ion Ratio Lower Upper
92 100
91 176.3 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 56.857 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080360.D
Acq: 05 Dec 2023 12:48

Tgt Ion: 95 Resp: 177725
Ion Ratio Lower Upper
95 100
174 77.1 0.0 143.8
176 72.9 0.0 135.8

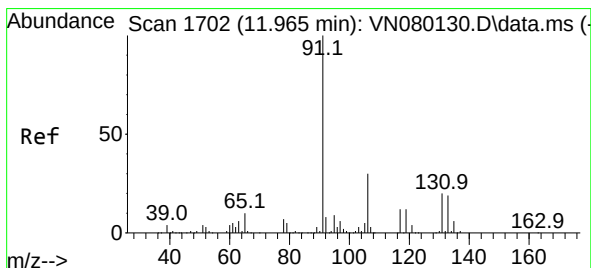
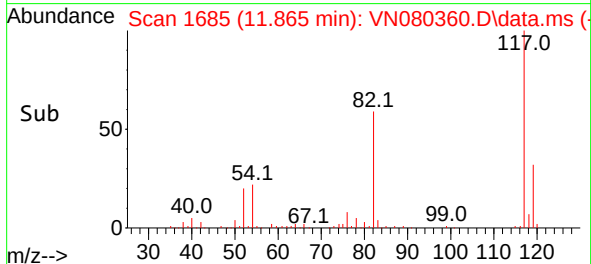
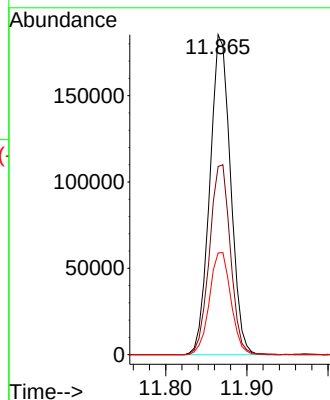
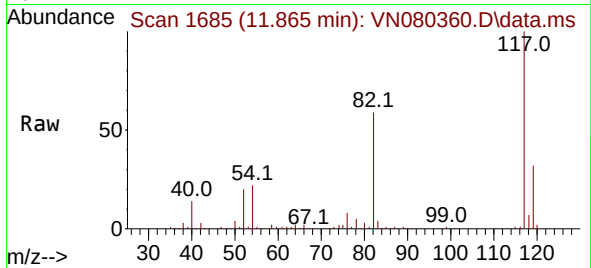




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN080360.D
Acq: 05 Dec 2023 12:48

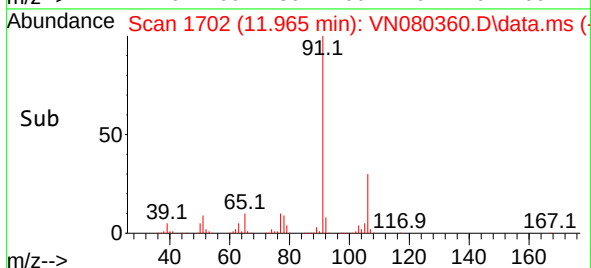
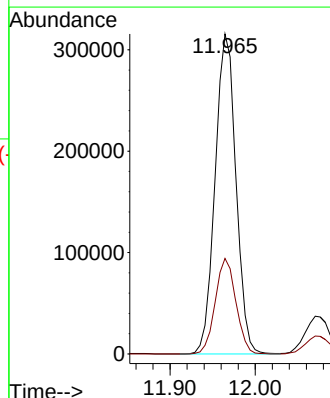
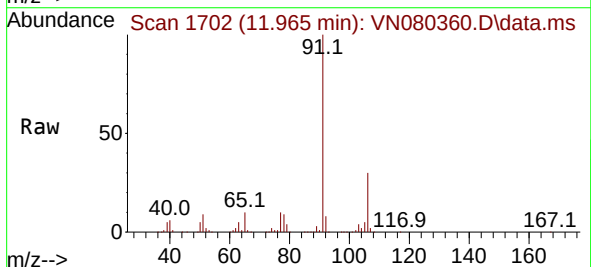
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ClientSampleId :
MW-06IDL

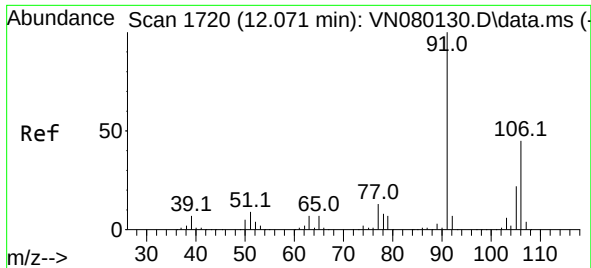
Tgt Ion:117 Resp: 328633
Ion Ratio Lower Upper
117 100
82 58.8 44.0 66.0
119 31.8 25.6 38.4



#67
Ethyl Benzene
Concen: 40.474 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080360.D
Acq: 05 Dec 2023 12:48

Tgt Ion: 91 Resp: 536316
Ion Ratio Lower Upper
91 100
106 29.9 25.6 38.4

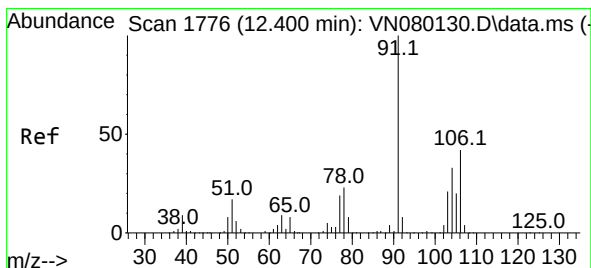
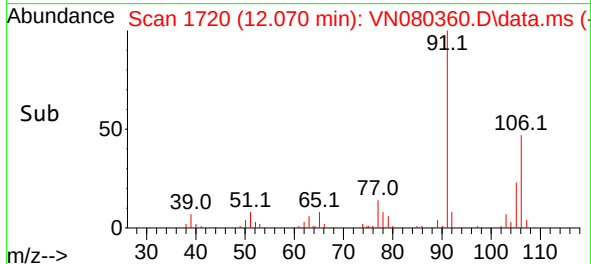
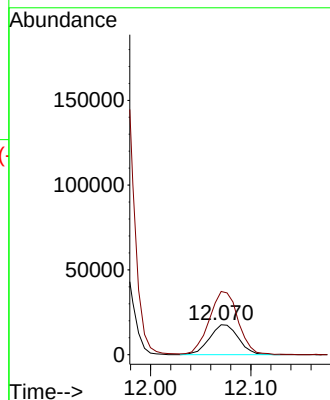
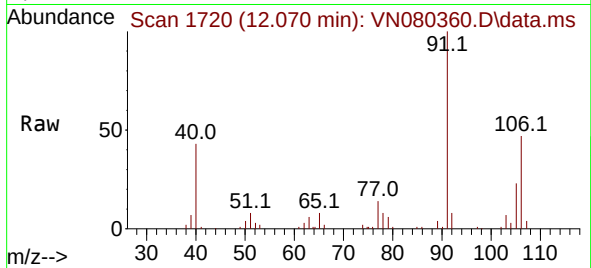




#68
m/p-Xylenes
Concen: 7.294 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080360.D
Acq: 05 Dec 2023 12:48

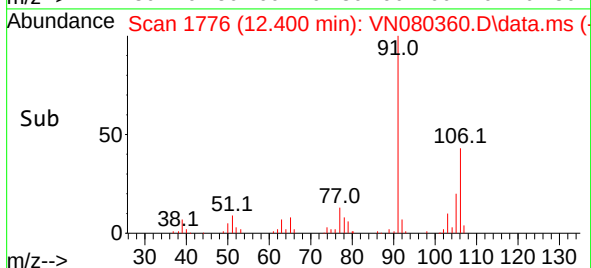
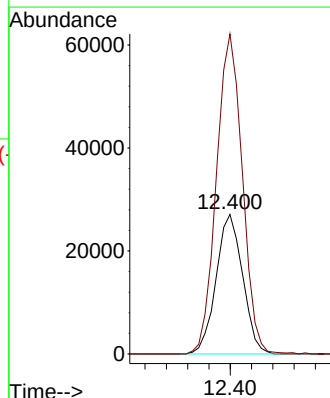
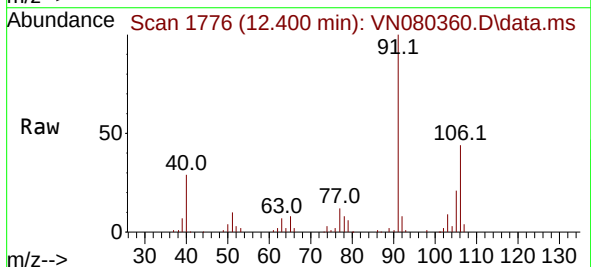
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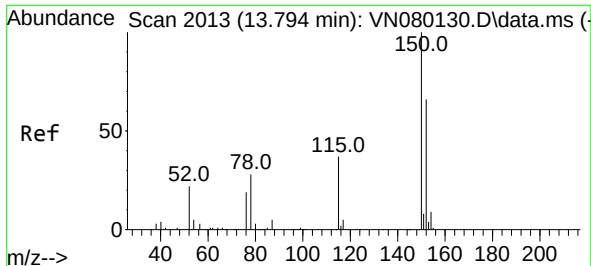
Tgt Ion:106 Resp: 35238
Ion Ratio Lower Upper
106 100
91 212.9 159.6 239.4



#69
o-Xylene
Concen: 10.275 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080360.D
Acq: 05 Dec 2023 12:48

Tgt Ion:106 Resp: 46784
Ion Ratio Lower Upper
106 100
91 224.7 105.2 315.5

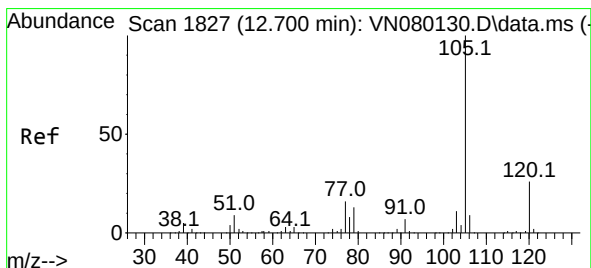
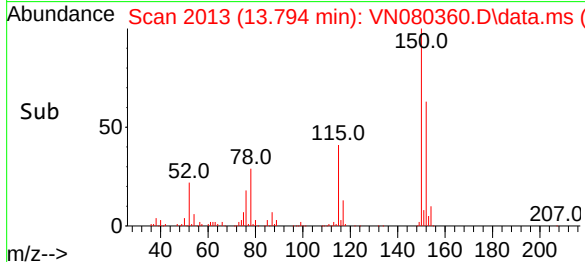
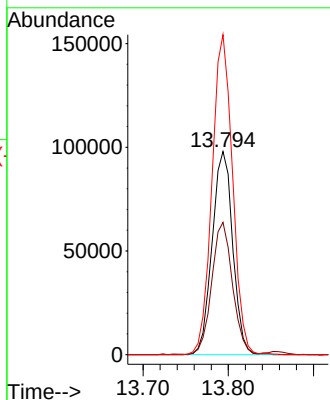
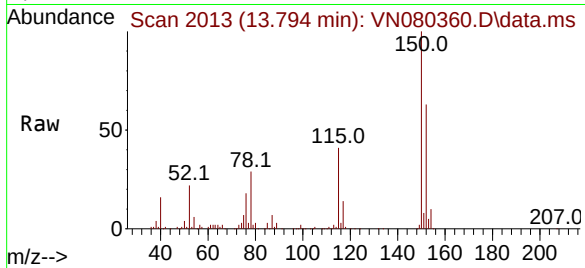




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080360.D
Acq: 05 Dec 2023 12:48

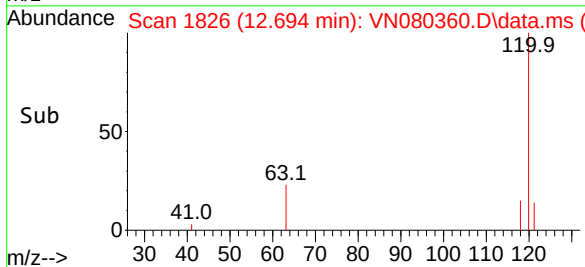
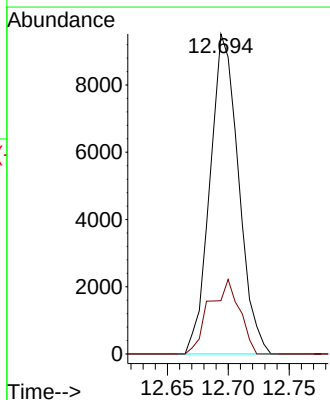
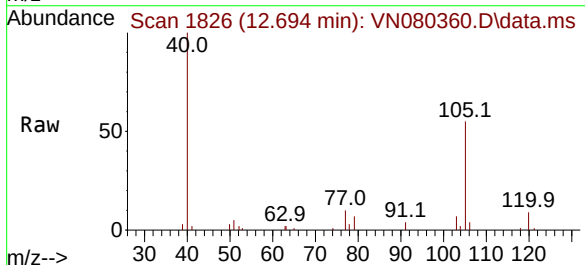
Instrument :
MSVOA_N
ClientSampleId :
MW-06IDL

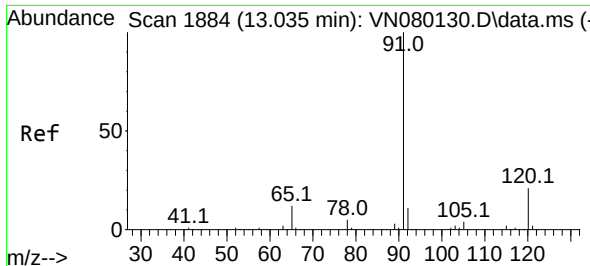
Tgt Ion:152 Resp: 164236
Ion Ratio Lower Upper
152 100
115 65.8 32.3 96.8
150 157.0 0.0 355.8



#73
Isopropylbenzene
Concen: 1.216 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN080360.D
Acq: 05 Dec 2023 12:48

Tgt Ion:105 Resp: 15517
Ion Ratio Lower Upper
105 100
120 24.5 13.1 39.1

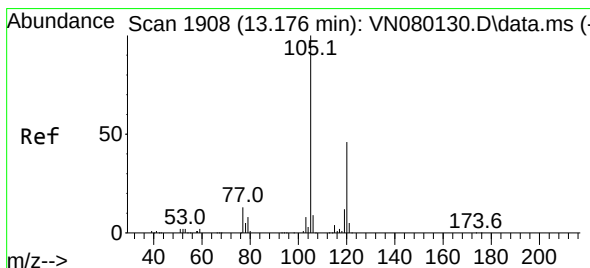
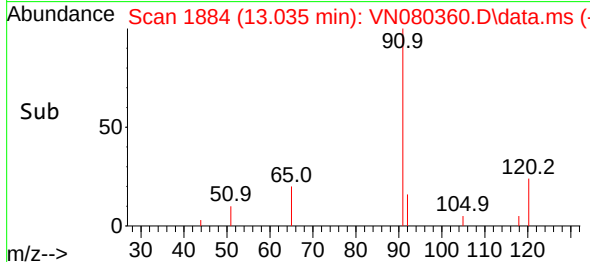
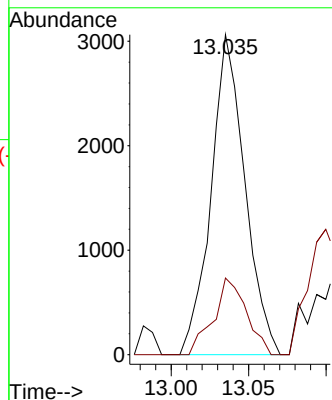
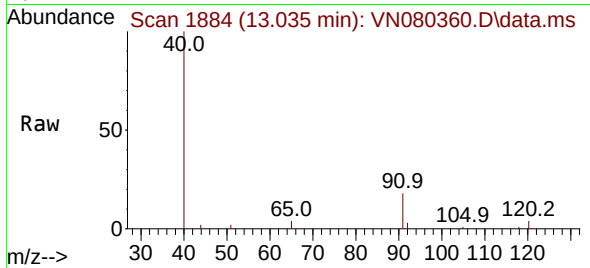




#78
n-propylbenzene
Concen: 0.325 ug/l
RT: 13.035 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080360.D
Acq: 05 Dec 2023 12:48

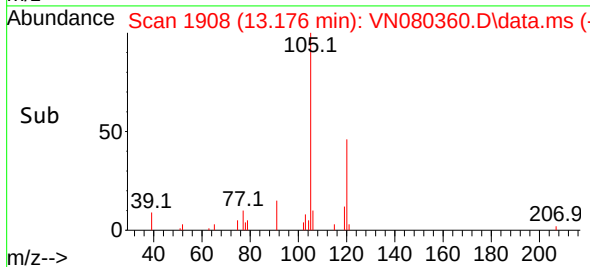
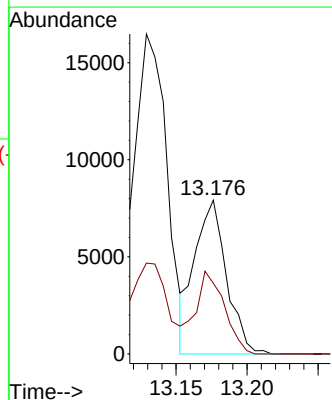
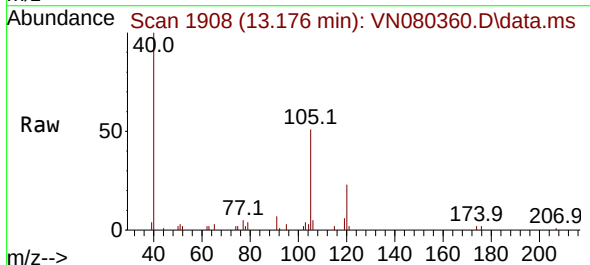
Instrument :
MSVOA_N
ClientSampleId :
MW-06IDL

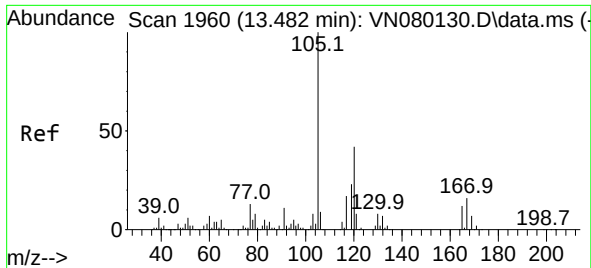
Tgt Ion: 91 Resp: 4645
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 1.115 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080360.D
Acq: 05 Dec 2023 12:48

Tgt Ion: 105 Resp: 12386
Ion Ratio Lower Upper
105 100
120 49.0 24.1 72.3





#84
1,2,4-Trimethylbenzene
Concen: 4.333 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080360.D
Acq: 05 Dec 2023 12:48

Instrument :
MSVOA_N
ClientSampleId :
MW-06IDL

Tgt Ion:105 Resp: 47404
Ion Ratio Lower Upper
105 100
120 42.0 22.0 66.0

