

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120623\
 Data File : VN080398.D
 Acq On : 06 Dec 2023 19:55
 Operator : JC\MD
 Sample : 05592-02 200X
 Misc : 1.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW05D-NAPL

Quant Time: Dec 07 01:06:45 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	180855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	331925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	364169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	198019	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	154108	51.607	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.220%	
35) Dibromofluoromethane	8.171	113	126695	51.730	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.460%	
50) Toluene-d8	10.571	98	438307	49.645	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.300%	
62) 4-Bromofluorobenzene	12.847	95	203502	61.024	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 122.040%	

Target Compounds

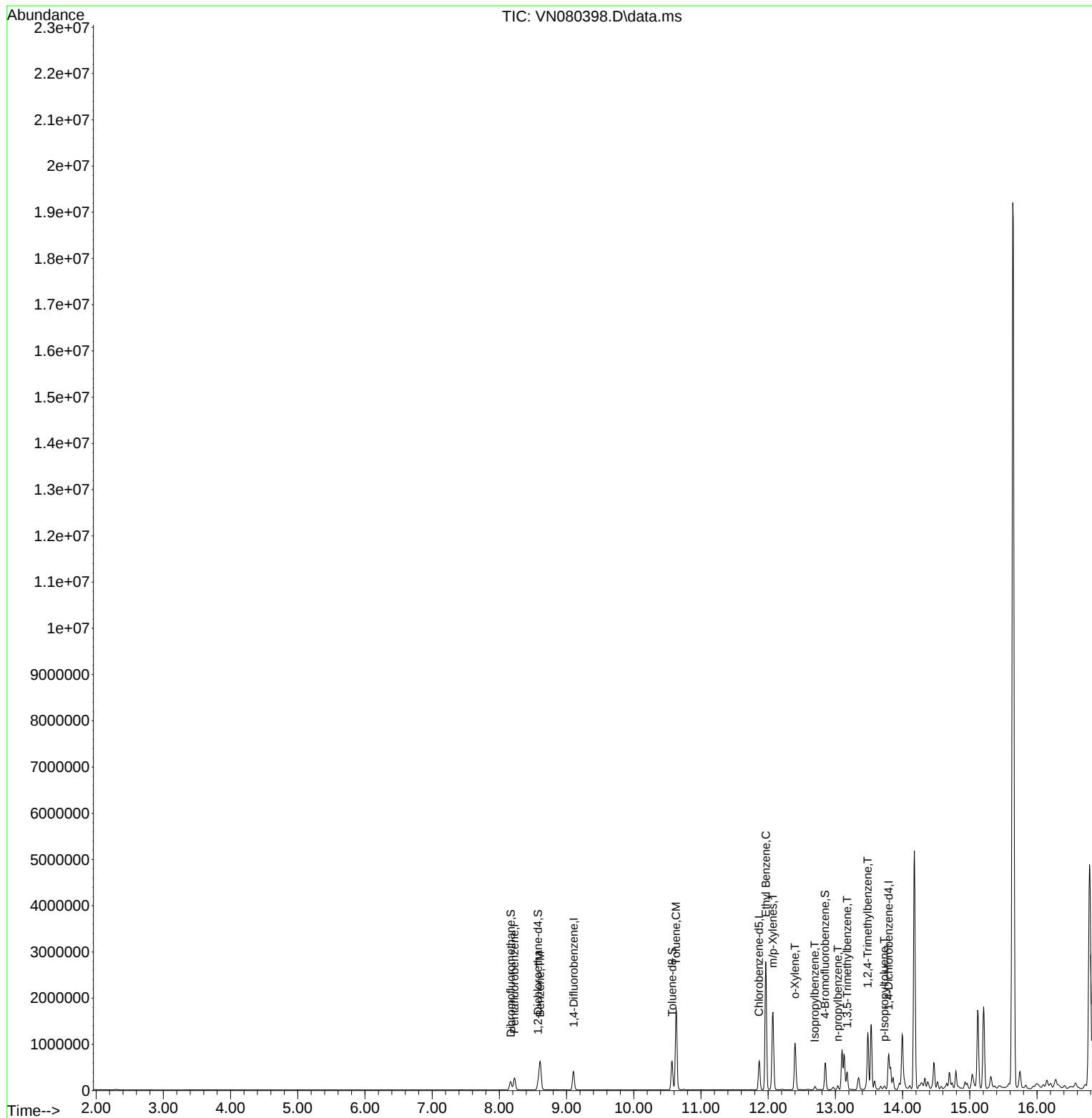
						Qvalue
40) Benzene	8.606	78	621732	61.693	ug/l	98
52) Toluene	10.629	92	774492	122.799	ug/l	100
67) Ethyl Benzene	11.965	91	2012099	137.030	ug/l	96
68) m/p-Xylenes	12.071	106	518664	96.878	ug/l	87
69) o-Xylene	12.400	106	240348	47.636	ug/l	87
73) Isopropylbenzene	12.694	105	46473	3.020	ug/l	100
78) n-propylbenzene	13.035	91	62805	3.650	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	184174	13.750	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	712007	53.983	ug/l	97
86) p-Isopropyltoluene	13.729	119	30807	2.538	ug/l	91

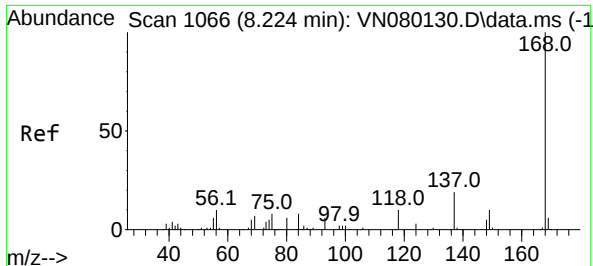
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120623\
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Misc : 1.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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Quant Time: Dec 07 01:06:45 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

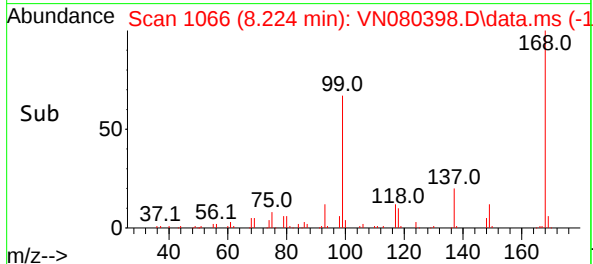
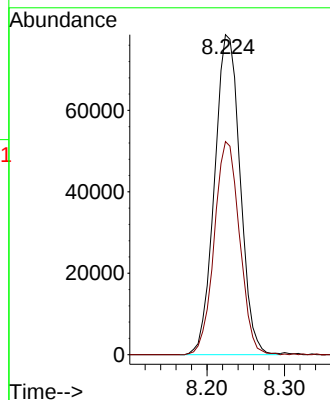
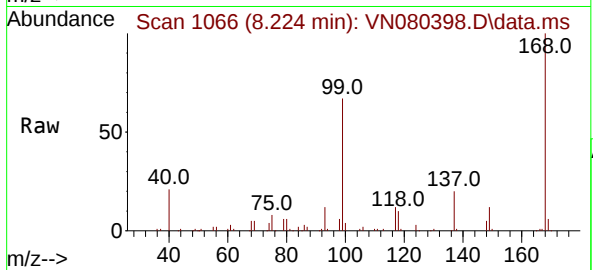




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080398.D
Acq: 06 Dec 2023 19:55

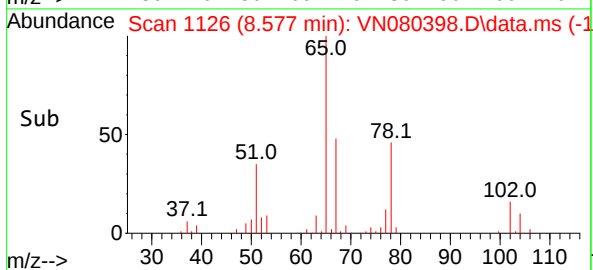
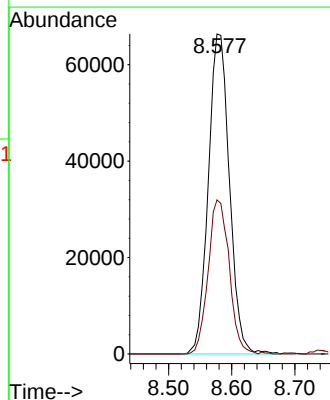
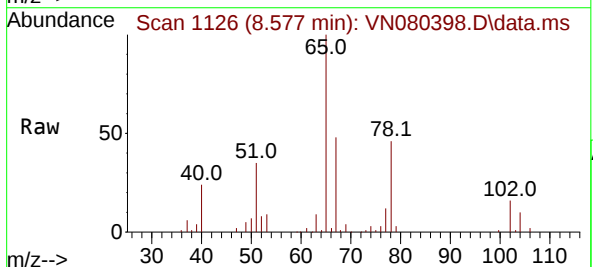
Instrument :
MSVOA_N
ClientSampleId :
MW05D-NAPL

Tgt Ion:168 Resp: 180855
Ion Ratio Lower Upper
168 100
99 66.6 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 51.607 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080398.D
Acq: 06 Dec 2023 19:55

Tgt Ion: 65 Resp: 154108
Ion Ratio Lower Upper
65 100
67 48.0 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080398.D

Acq: 06 Dec 2023 19:55

Instrument :

MSVOA_N

ClientSampleId :

MW05D-NAPL

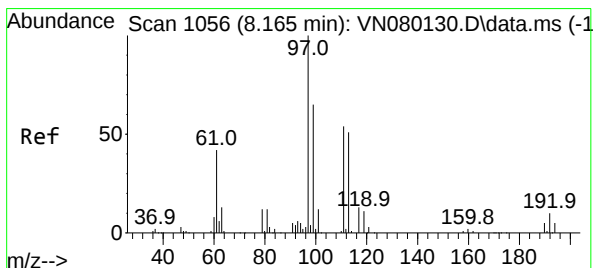
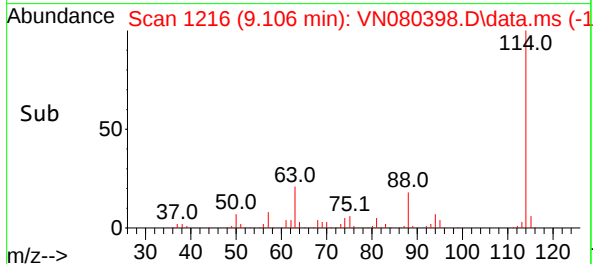
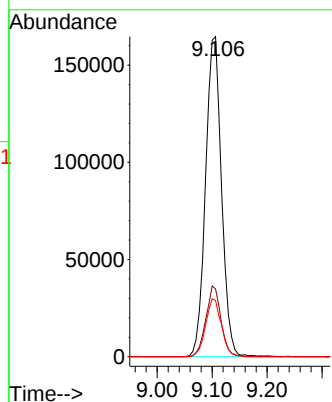
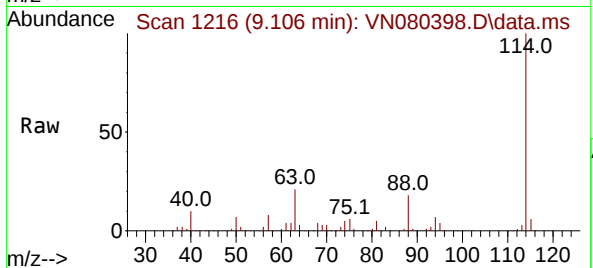
Tgt Ion:114 Resp: 331925

Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.4

88 17.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.730 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080398.D

Acq: 06 Dec 2023 19:55

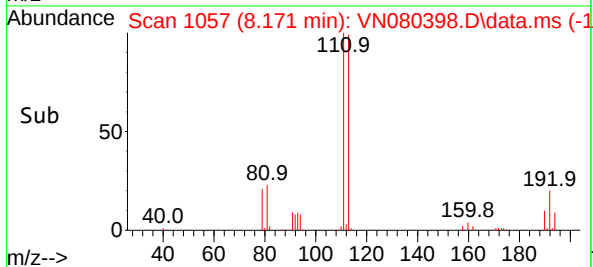
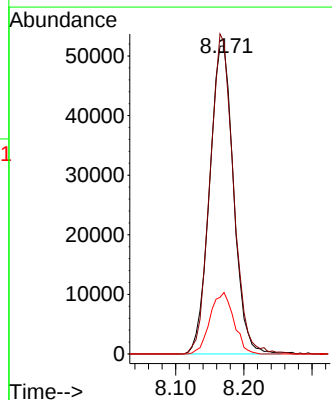
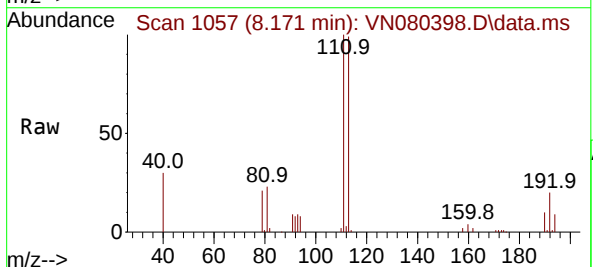
Tgt Ion:113 Resp: 126695

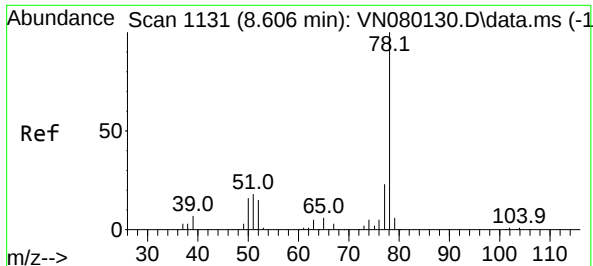
Ion Ratio Lower Upper

113 100

111 101.2 82.6 123.8

192 19.7 12.7 19.1#

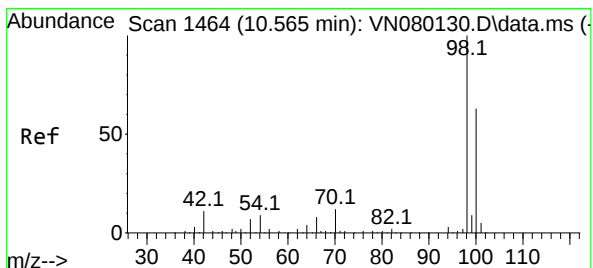
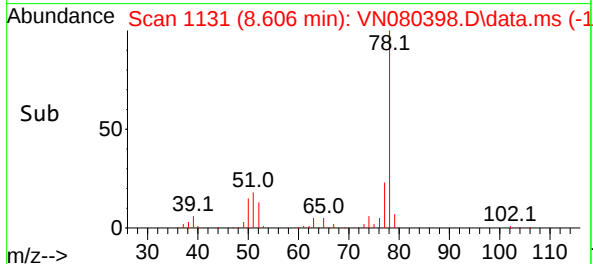
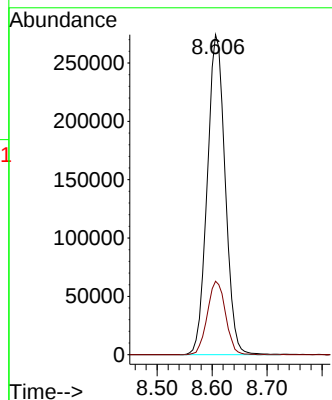
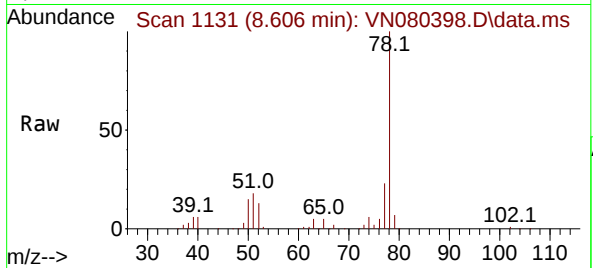




#40
Benzene
Concen: 61.693 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN080398.D
Acq: 06 Dec 2023 19:55

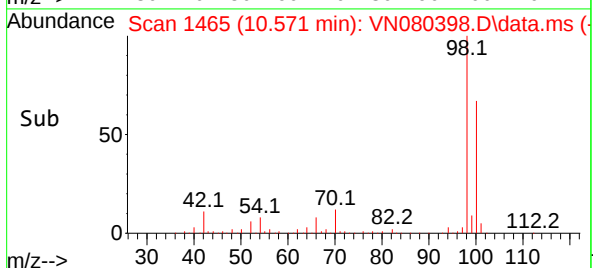
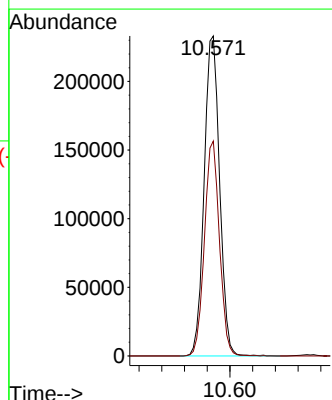
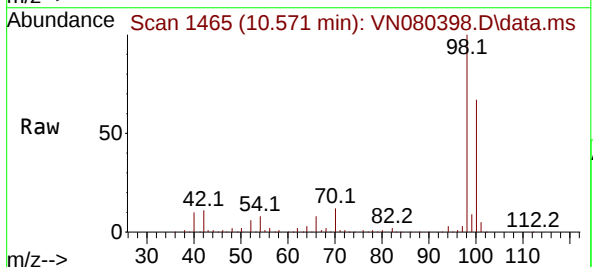
Instrument :
MSVOA_N
ClientSampleId :
MW05D-NAPL

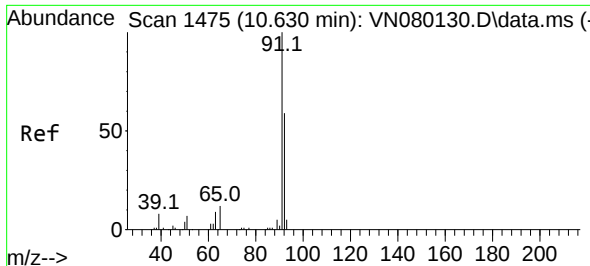
Tgt Ion: 78 Resp: 621732
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6



#50
Toluene-d8
Concen: 49.645 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080398.D
Acq: 06 Dec 2023 19:55

Tgt Ion: 98 Resp: 438307
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0

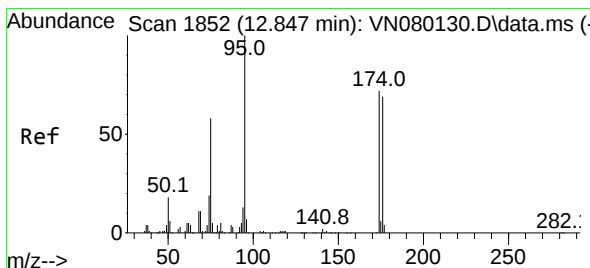
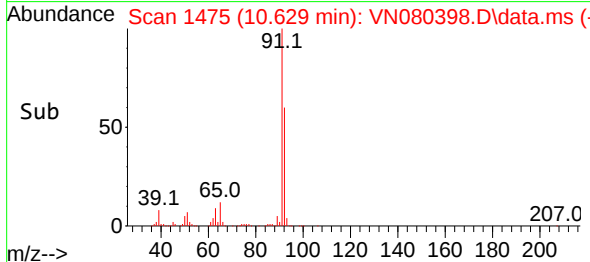
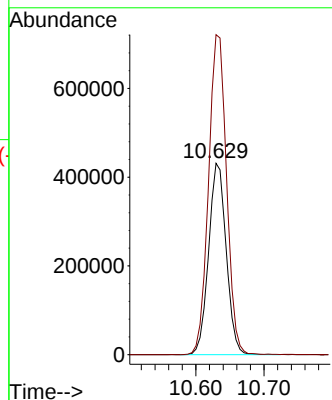
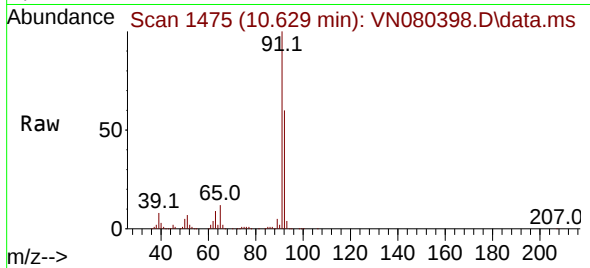




#52
Toluene
Concen: 122.799 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080398.D
Acq: 06 Dec 2023 19:55

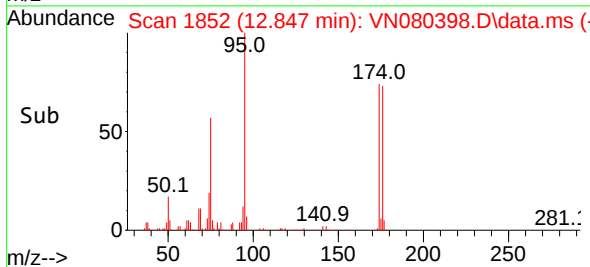
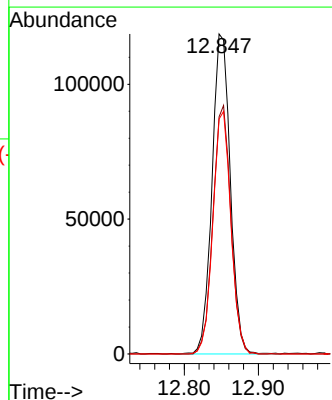
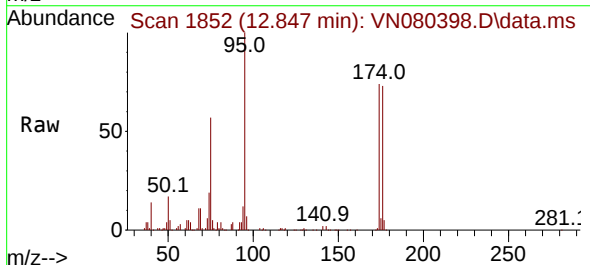
Instrument :
MSVOA_N
ClientSampleId :
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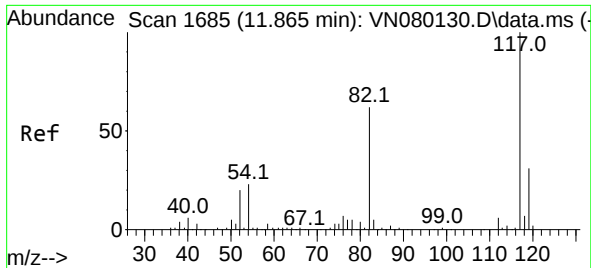
Tgt Ion: 92 Resp: 774492
Ion Ratio Lower Upper
92 100
91 171.3 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 61.024 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080398.D
Acq: 06 Dec 2023 19:55

Tgt Ion: 95 Resp: 203502
Ion Ratio Lower Upper
95 100
174 76.0 0.0 143.8
176 74.5 0.0 135.8

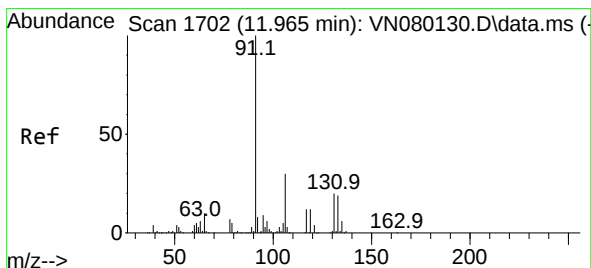
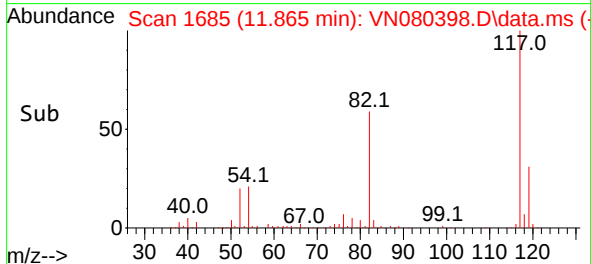
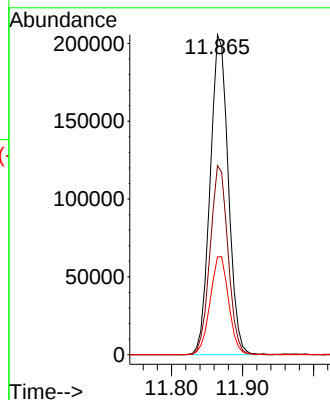
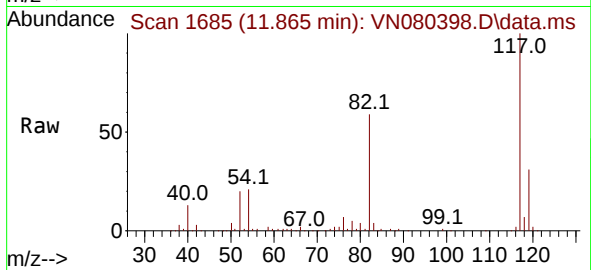




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080398.D
Acq: 06 Dec 2023 19:55

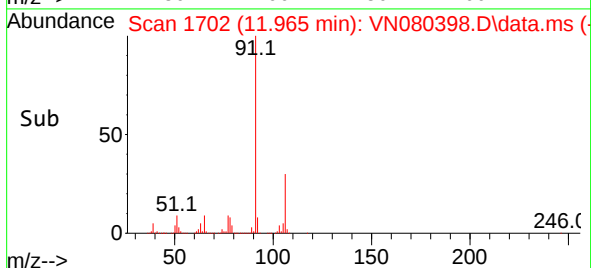
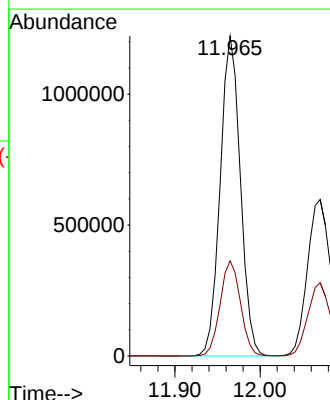
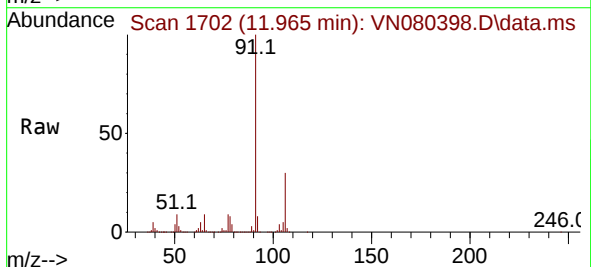
Instrument :
MSVOA_N
ClientSampleId :
MW05D-NAPL

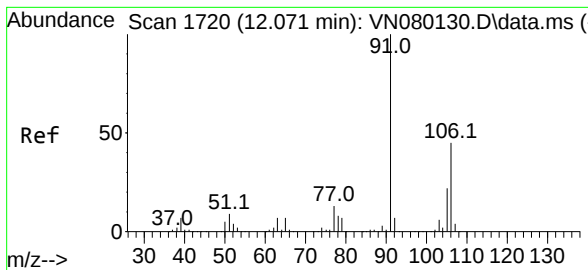
Tgt Ion:117 Resp: 364169
Ion Ratio Lower Upper
117 100
82 59.1 44.0 66.0
119 30.6 25.6 38.4



#67
Ethyl Benzene
Concen: 137.030 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080398.D
Acq: 06 Dec 2023 19:55

Tgt Ion: 91 Resp: 2012099
Ion Ratio Lower Upper
91 100
106 29.8 25.6 38.4

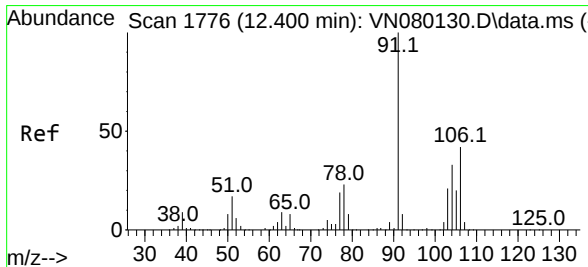
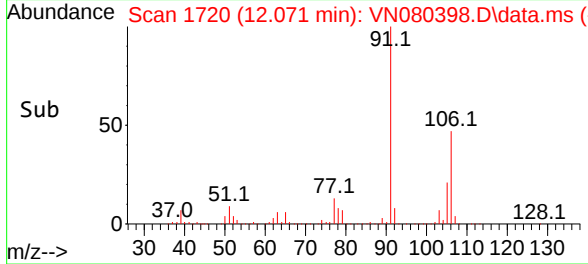
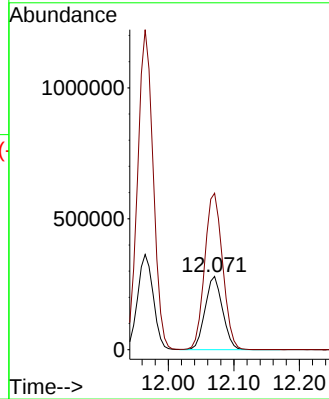
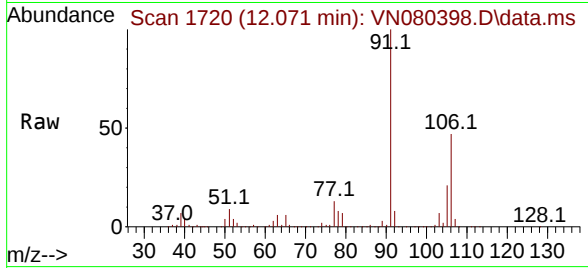




#68
m/p-Xylenes
Concen: 96.878 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080398.D
Acq: 06 Dec 2023 19:55

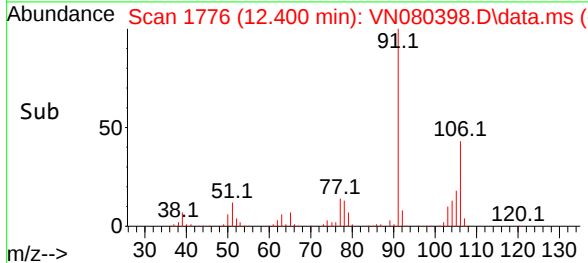
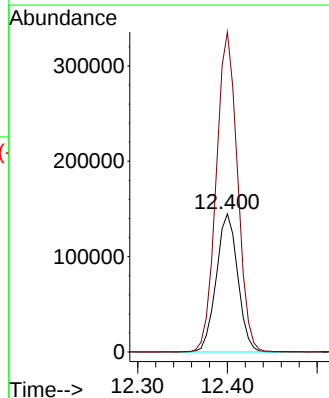
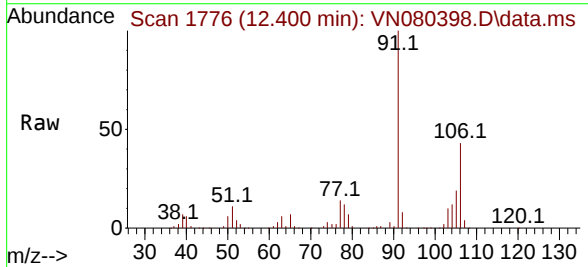
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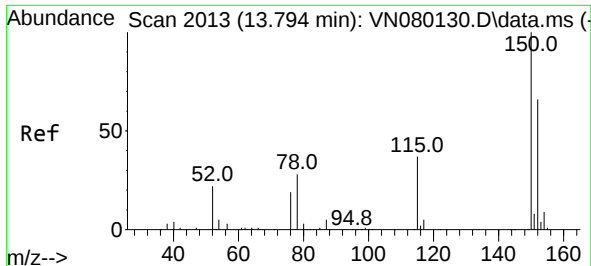
Tgt Ion:106 Resp: 518664
Ion Ratio Lower Upper
106 100
91 218.9 159.6 239.4



#69
o-Xylene
Concen: 47.636 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080398.D
Acq: 06 Dec 2023 19:55

Tgt Ion:106 Resp: 240348
Ion Ratio Lower Upper
106 100
91 230.1 105.2 315.5

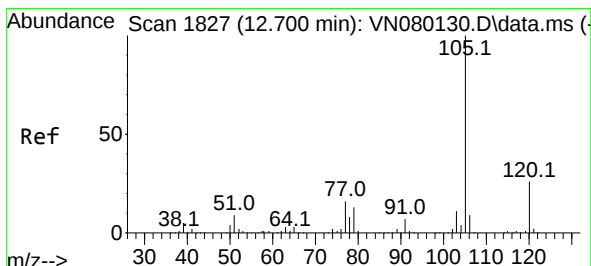
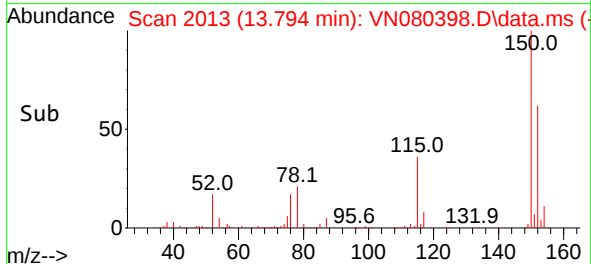
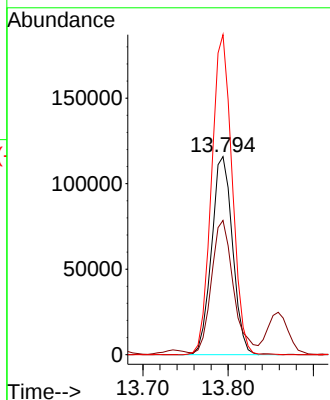
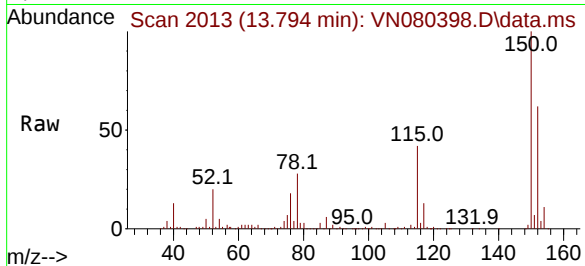




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080398.D
Acq: 06 Dec 2023 19:55

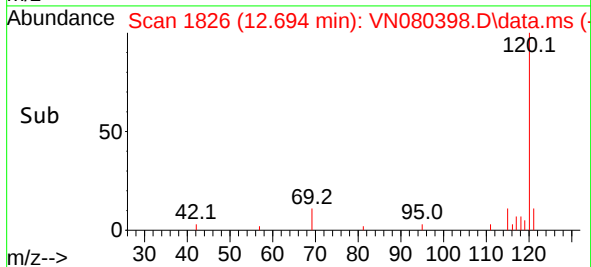
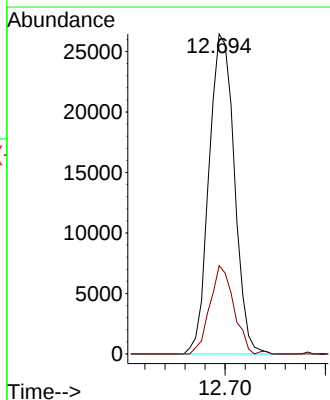
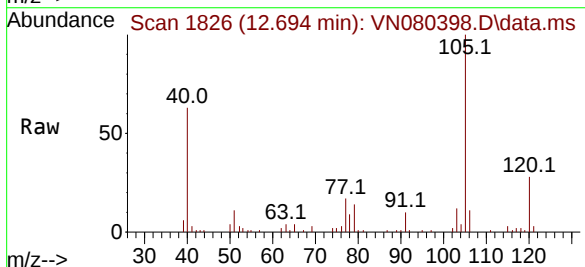
Instrument :
MSVOA_N
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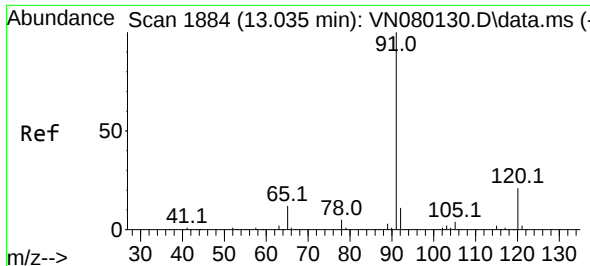
Tgt Ion:152 Resp: 198019
Ion Ratio Lower Upper
152 100
115 71.0 32.3 96.8
150 158.5 0.0 355.8



#73
Isopropylbenzene
Concen: 3.020 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN080398.D
Acq: 06 Dec 2023 19:55

Tgt Ion:105 Resp: 46473
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1

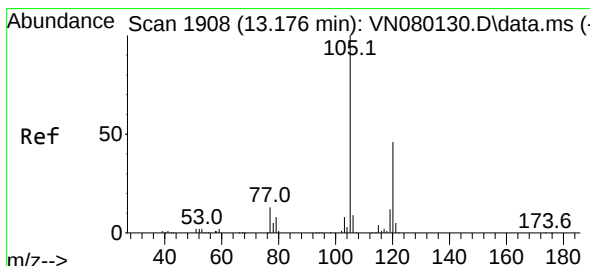
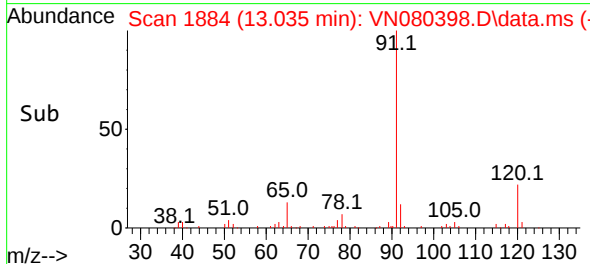
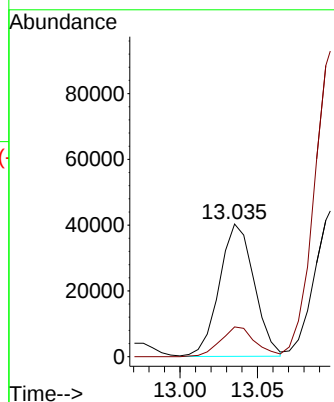
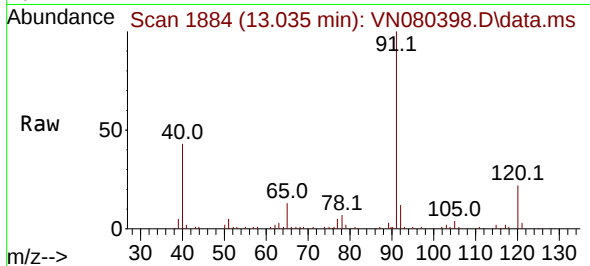




#78
n-propylbenzene
Concen: 3.650 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN080398.D
Acq: 06 Dec 2023 19:55

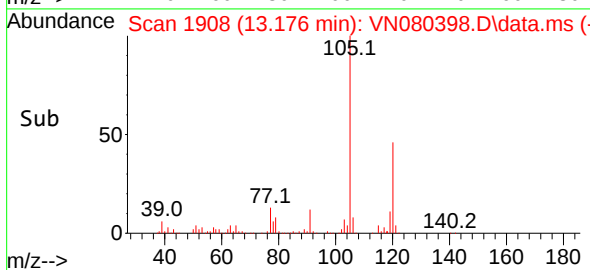
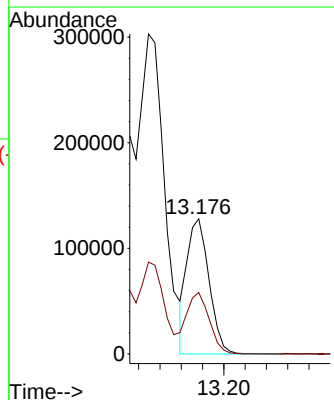
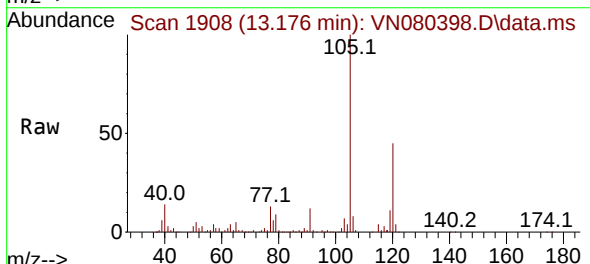
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MSVOA_N
ClientSampleId :
MW05D-NAPL

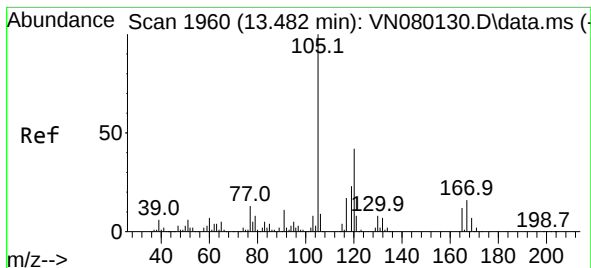
Tgt Ion: 91 Resp: 62805
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 13.750 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080398.D
Acq: 06 Dec 2023 19:55

Tgt Ion: 105 Resp: 184174
Ion Ratio Lower Upper
105 100
120 49.1 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 53.983 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN080398.D

Acq: 06 Dec 2023 19:55

Instrument :

MSVOA_N

ClientSampleId :

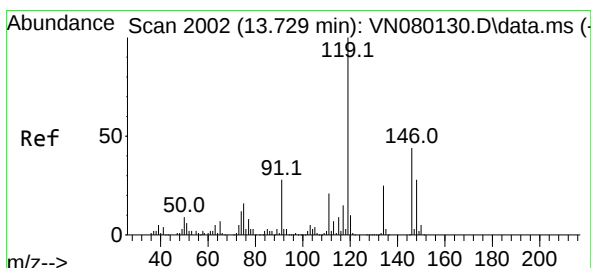
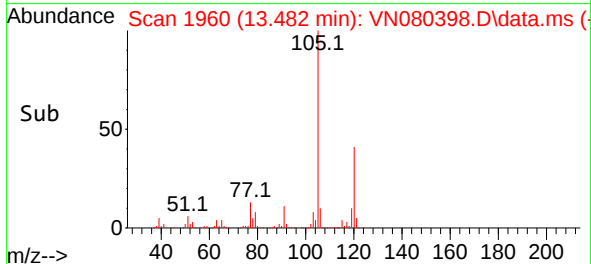
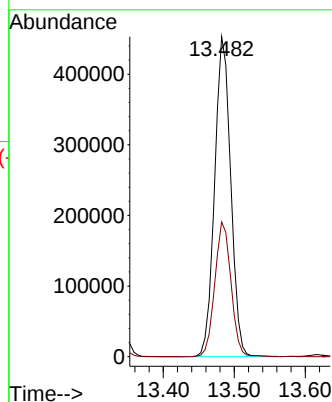
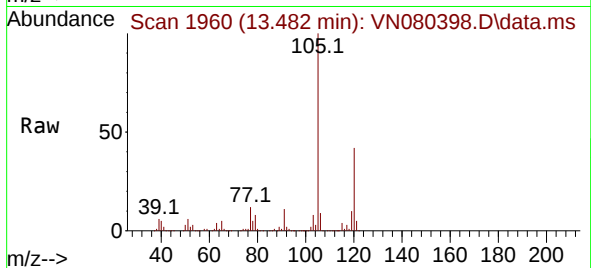
MW05D-NAPL

Tgt Ion:105 Resp: 712007

Ion Ratio Lower Upper

105 100

120 42.3 22.0 66.0



#86

p-Isopropyltoluene

Concen: 2.538 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN080398.D

Acq: 06 Dec 2023 19:55

Tgt Ion:119 Resp: 30807

Ion Ratio Lower Upper

119 100

134 26.3 12.6 37.8

91 32.6 12.4 37.2

