

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
 Data File : VN070444.D
 Acq On : 3 Jan 2022 18:08
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 04 01:36:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

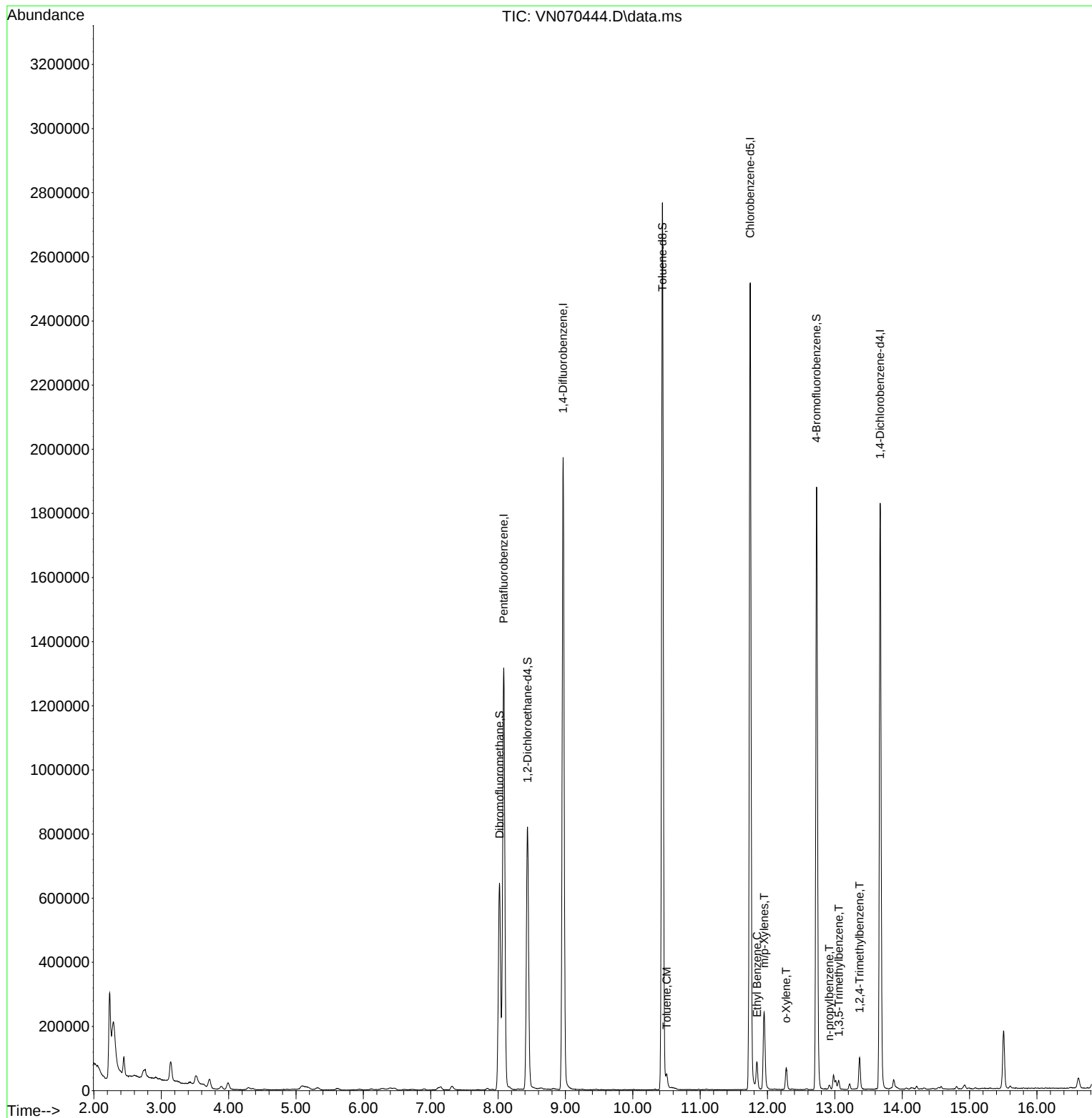
Internal Standards						
1) Pentafluorobenzene	8.083	168	998878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1686085	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1456547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	499937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	707882	49.289	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.580%
35) Dibromofluoromethane	8.021	113	478034	46.858	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.720%
50) Toluene-d8	10.440	98	1930010	46.311	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	92.620%
62) 4-Bromofluorobenzene	12.728	95	696229	46.255	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.500%
Target Compounds						
					Qvalue	
52) Toluene	10.502	92	14093	0.450	ug/l	100
67) Ethyl Benzene	11.843	91	62765	1.108	ug/l	94
68) m/p-Xylenes	11.950	106	79633	3.863	ug/l	94
69) o-Xylene	12.278	106	19889	0.970	ug/l	99
78) n-propylbenzene	12.919	91	12302	0.239	ug/l #	69
80) 1,3,5-Trimethylbenzene	13.058	105	10767	0.289	ug/l	95
84) 1,2,4-Trimethylbenzene	13.367	105	55380	1.546	ug/l	95

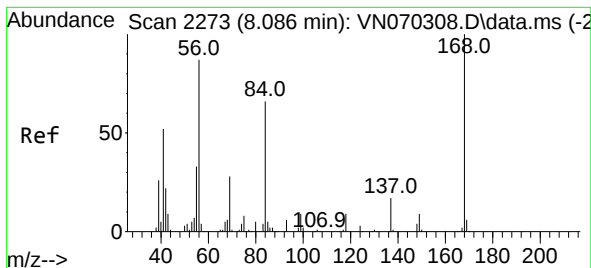
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.083 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070444.D

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MSVOA_N

ClientSampleId :

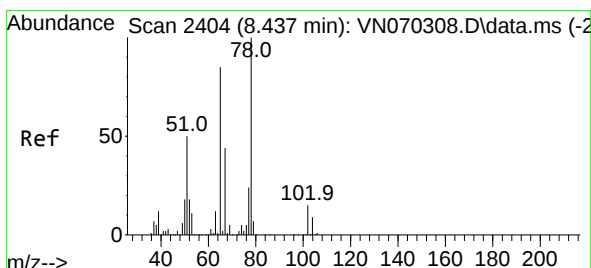
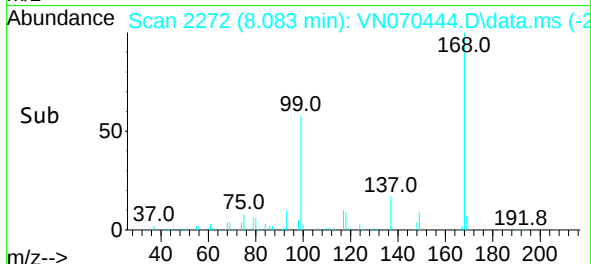
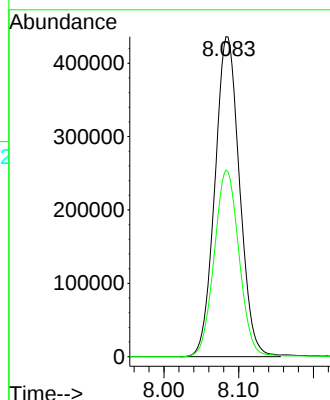
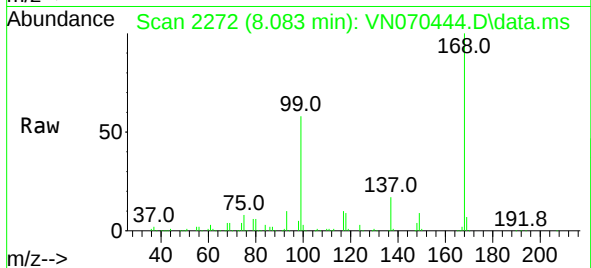
IBLK

Tgt Ion:168 Resp: 998878

Ion Ratio Lower Upper

168 100

99 58.3 41.3 61.9



#33

1,2-Dichloroethane-d4

Concen: 49.289 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070444.D

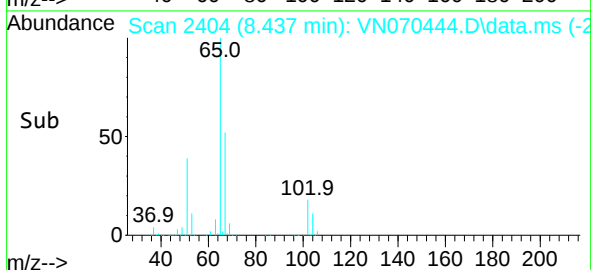
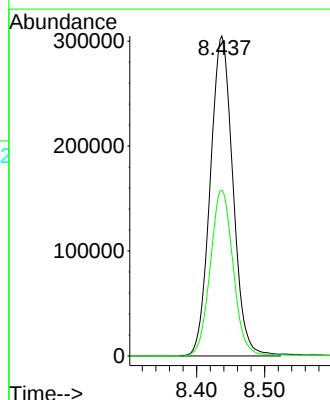
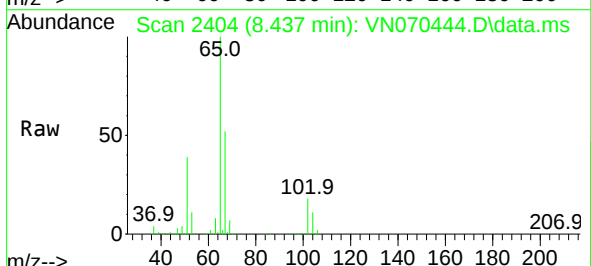
Acq: 3 Jan 2022 18:08

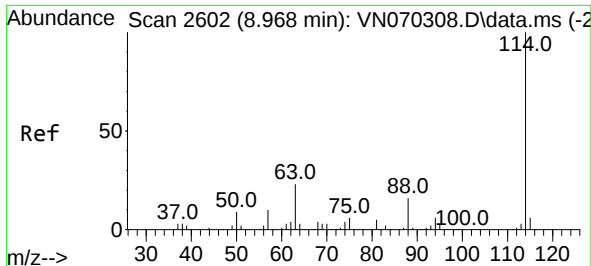
Tgt Ion: 65 Resp: 707882

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.0

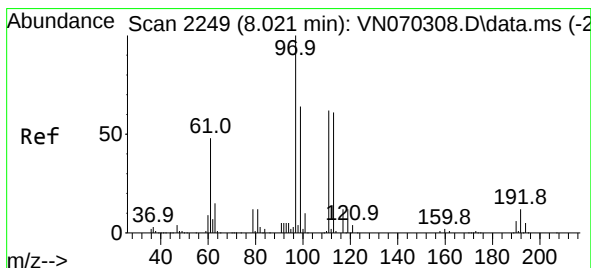
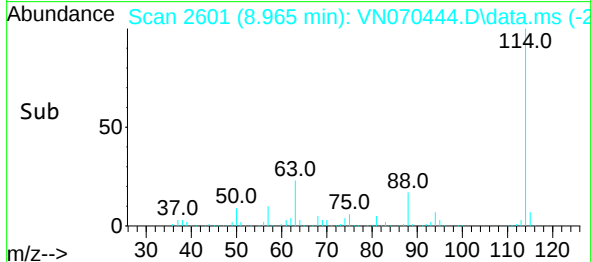
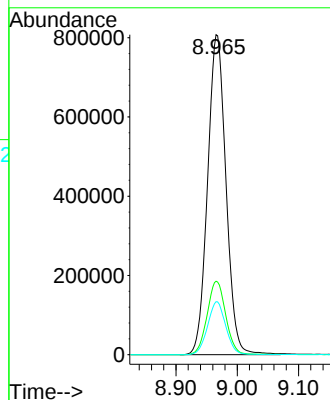
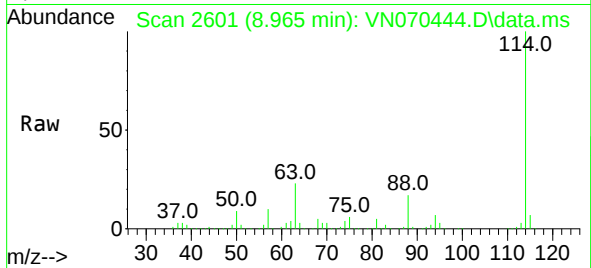




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN070444.D
Acq: 3 Jan 2022 18:08

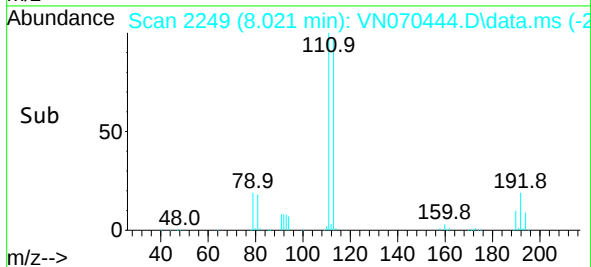
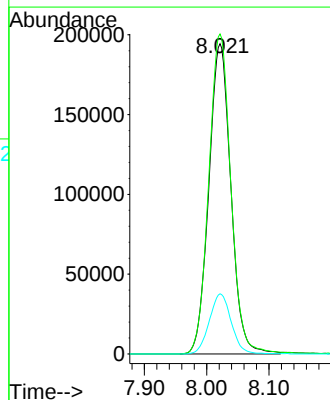
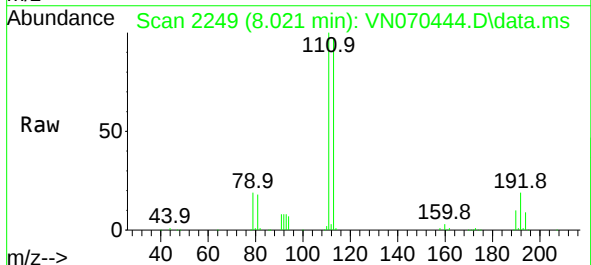
Instrument :
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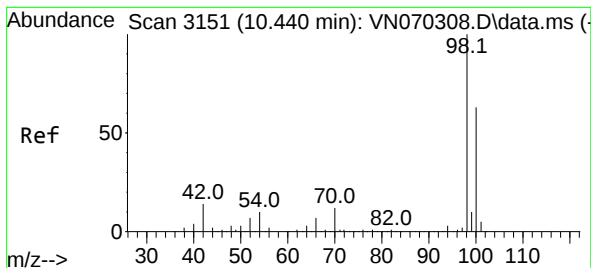
Tgt Ion:114 Resp: 1686085
Ion Ratio Lower Upper
114 100
63 23.0 0.0 37.8
88 16.5 0.0 27.4



#35
Dibromofluoromethane
Concen: 46.858 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070444.D
Acq: 3 Jan 2022 18:08

Tgt Ion:113 Resp: 478034
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 19.3 16.9 25.3





#50

Toluene-d8

Concen: 46.311 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VN070444.D

Acq: 3 Jan 2022 18:08

Instrument :

MSVOA_N

ClientSampleId :

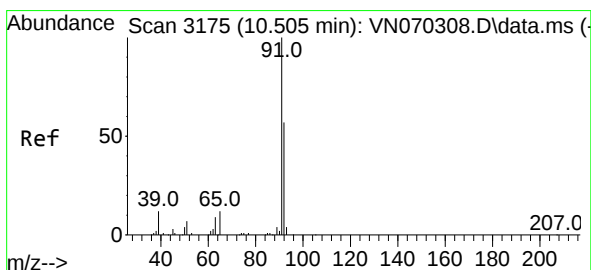
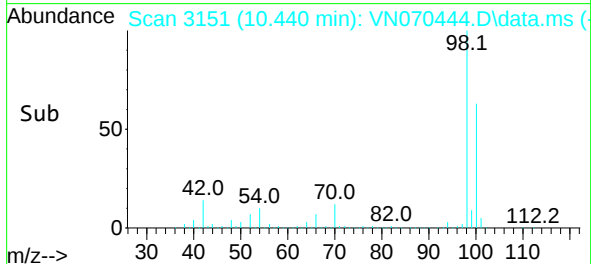
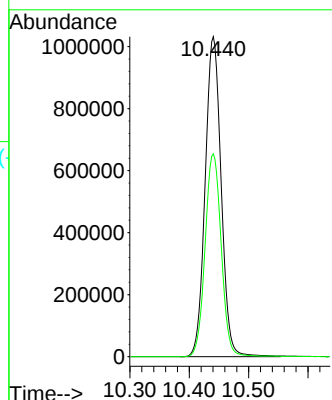
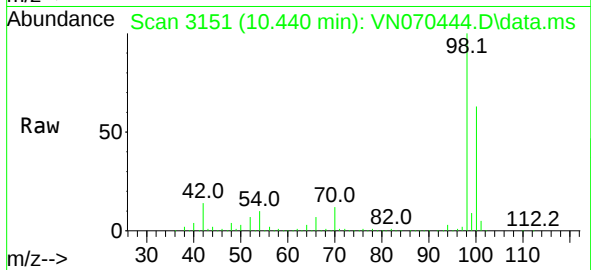
IBLK

Tgt Ion: 98 Resp: 1930010

Ion Ratio Lower Upper

98 100

100 63.9 50.4 75.6



#52

Toluene

Concen: 0.450 ug/l

RT: 10.502 min Scan# 3174

Delta R.T. -0.003 min

Lab File: VN070444.D

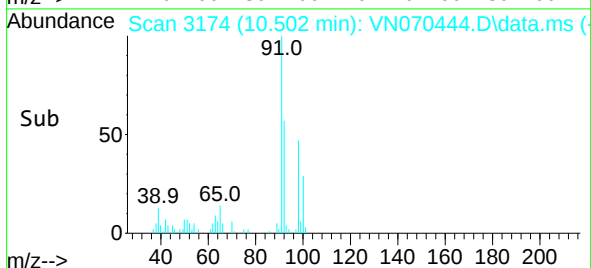
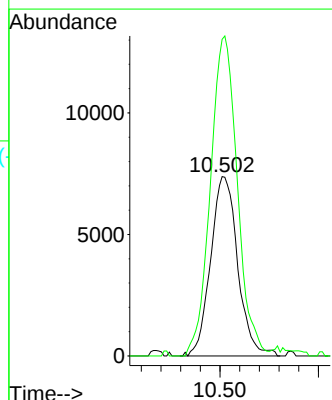
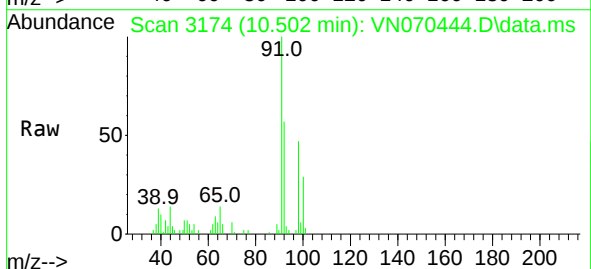
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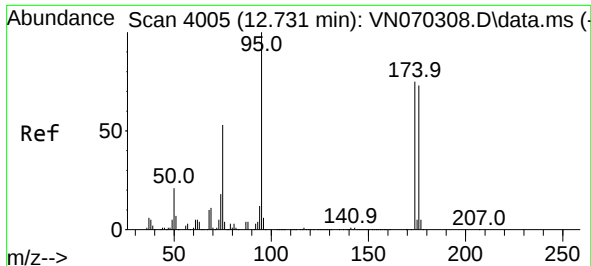
Tgt Ion: 92 Resp: 14093

Ion Ratio Lower Upper

92 100

91 177.4 142.0 213.0

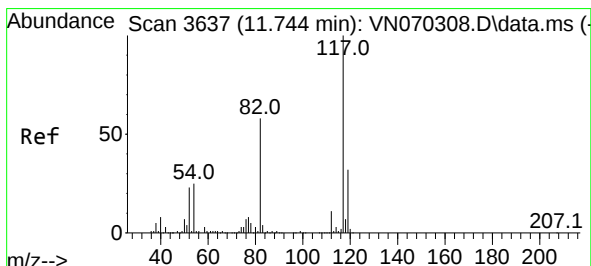
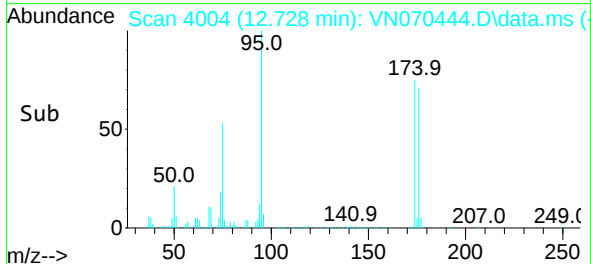
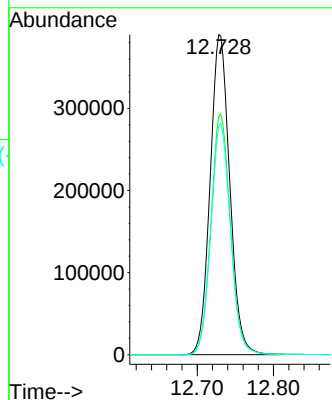
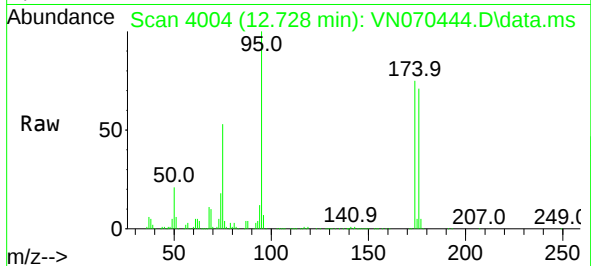




#62
4-Bromofluorobenzene
Concen: 46.255 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070444.D
Acq: 3 Jan 2022 18:08

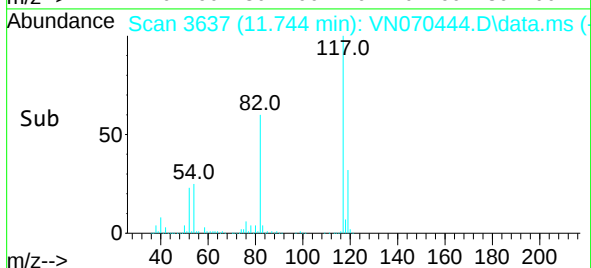
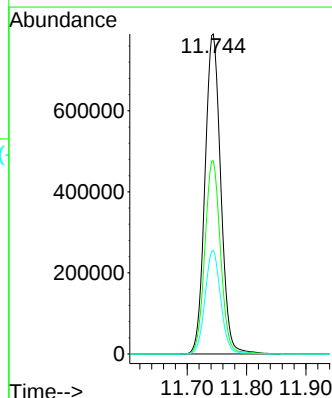
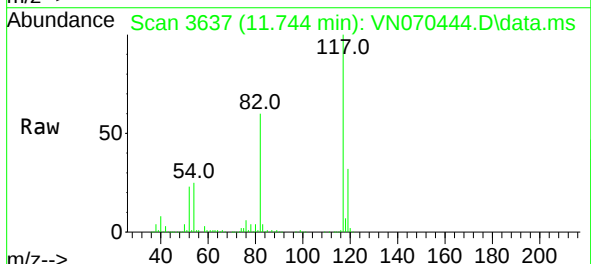
Instrument :
MSVOA_N
ClientSampleId :
IBLK

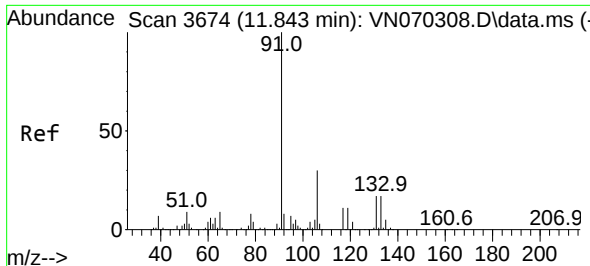
Tgt Ion: 95 Resp: 696229
Ion Ratio Lower Upper
95 100
174 75.0 0.0 187.2
176 72.3 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070444.D
Acq: 3 Jan 2022 18:08

Tgt Ion: 117 Resp: 1456547
Ion Ratio Lower Upper
117 100
82 60.3 42.4 63.6
119 32.4 25.4 38.2

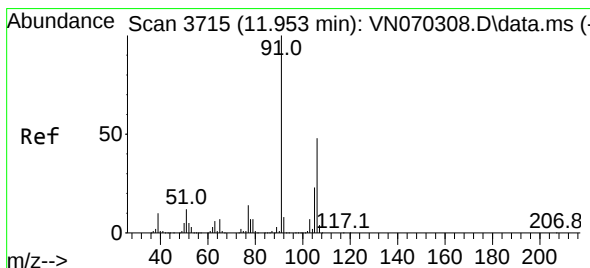
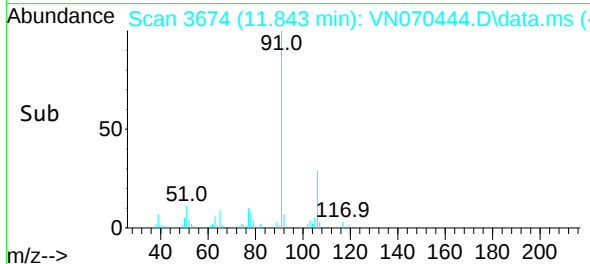
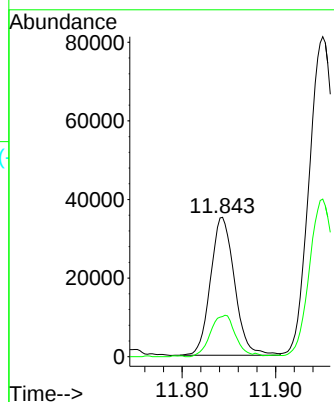
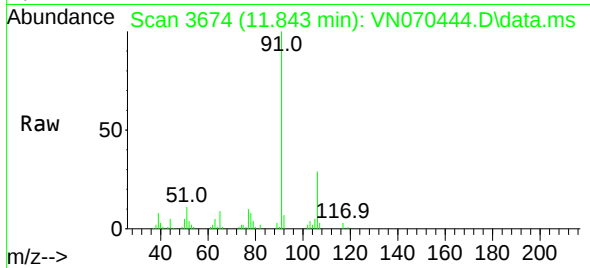




#67
Ethyl Benzene
Concen: 1.108 ug/l
RT: 11.843 min Scan# 3074
Delta R.T. 0.000 min
Lab File: VN070444.D
Acq: 3 Jan 2022 18:08

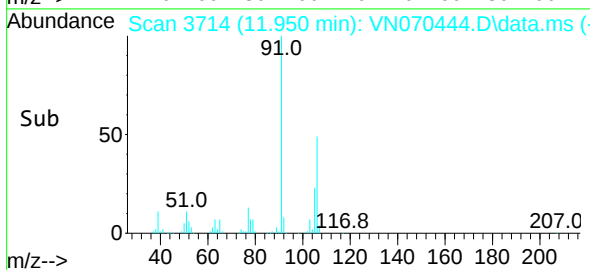
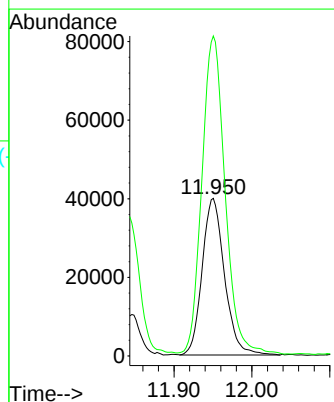
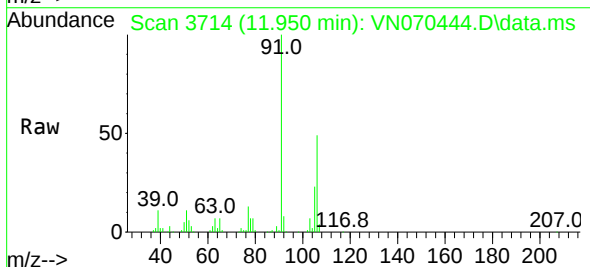
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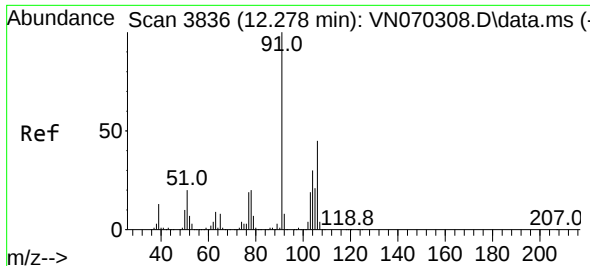
Tgt Ion: 91 Resp: 62765
Ion Ratio Lower Upper
91 100
106 28.5 25.7 38.5



#68
m/p-Xylenes
Concen: 3.863 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070444.D
Acq: 3 Jan 2022 18:08

Tgt Ion: 106 Resp: 79633
Ion Ratio Lower Upper
106 100
91 210.5 160.6 240.8

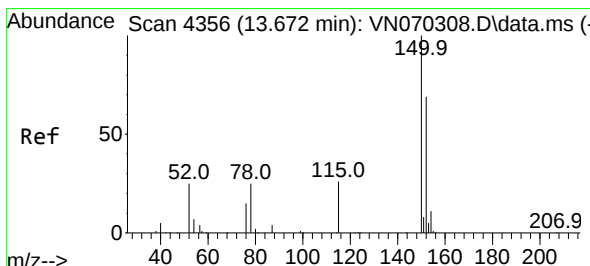
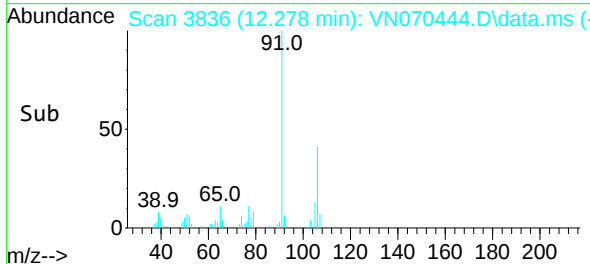
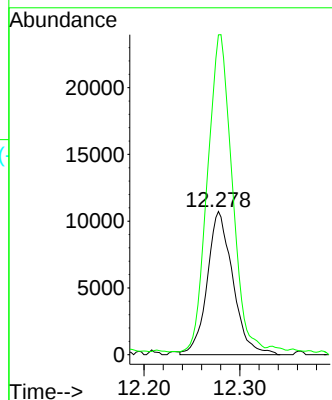
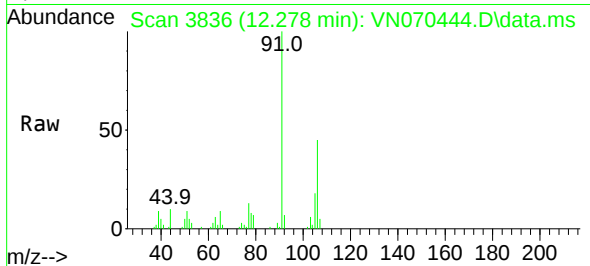




#69
o-Xylene
Concen: 0.970 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070444.D
Acq: 3 Jan 2022 18:08

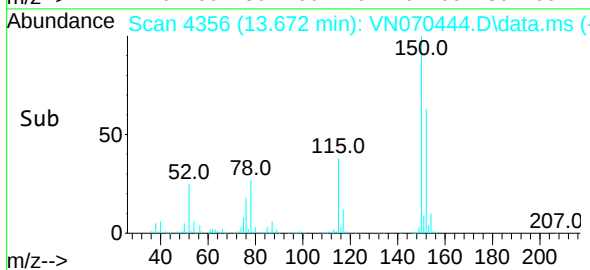
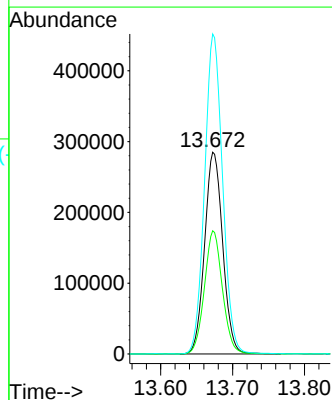
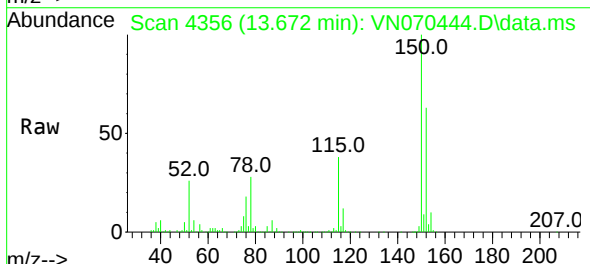
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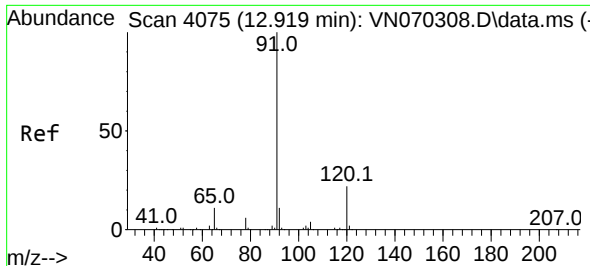
Tgt Ion:106 Resp: 19889
Ion Ratio Lower Upper
106 100
91 212.6 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070444.D
Acq: 3 Jan 2022 18:08

Tgt Ion:152 Resp: 499937
Ion Ratio Lower Upper
152 100
115 60.9 27.5 82.5
150 157.7 0.0 344.4

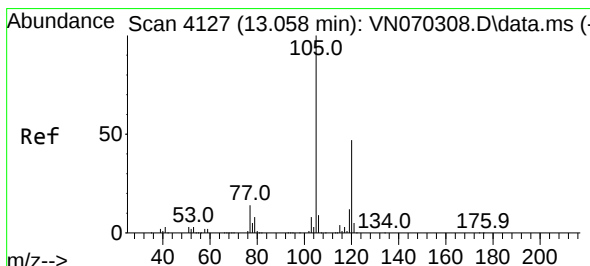
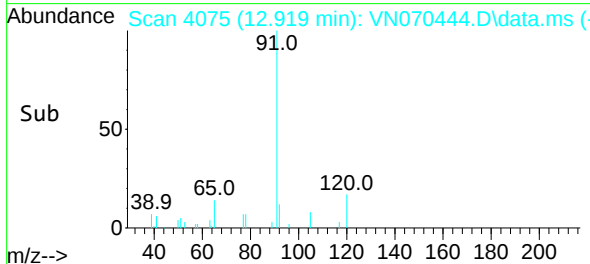
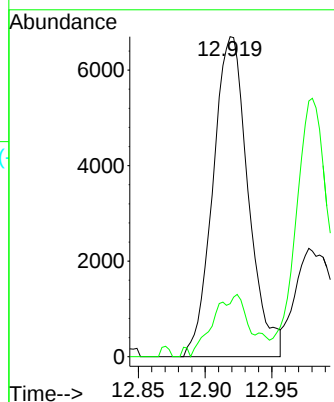
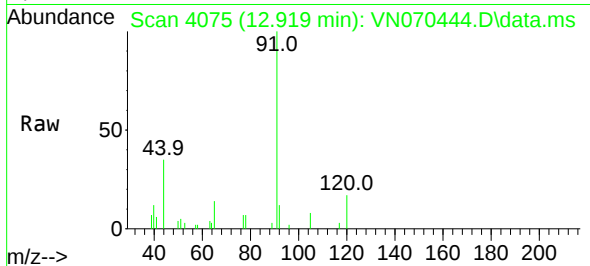




#78
n-propylbenzene
Concen: 0.239 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070444.D
Acq: 3 Jan 2022 18:08

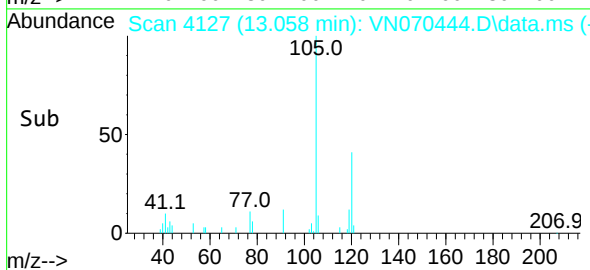
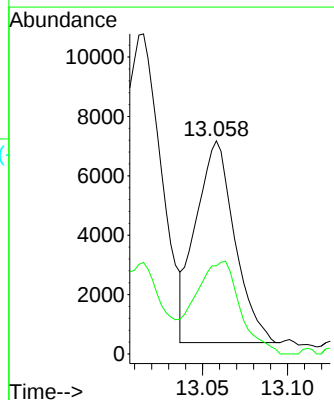
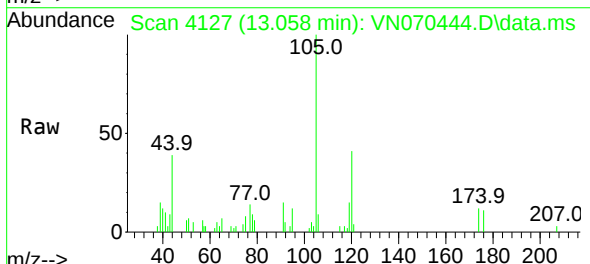
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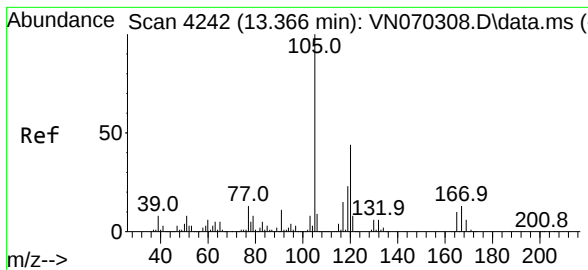
Tgt Ion: 91 Resp: 12302
Ion Ratio Lower Upper
91 100
120 8.8 11.9 35.9#



#80
1,3,5-Trimethylbenzene
Concen: 0.289 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070444.D
Acq: 3 Jan 2022 18:08

Tgt Ion: 105 Resp: 10767
Ion Ratio Lower Upper
105 100
120 52.6 24.6 73.6





#84
 1,2,4-Trimethylbenzene
 Concen: 1.546 ug/l
 RT: 13.367 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: VN070444.D
 Acq: 3 Jan 2022 18:08

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion:105 Resp: 55380
 Ion Ratio Lower Upper
 105 100
 120 49.1 22.8 68.4

