

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
 Data File : VN070440.D
 Acq On : 3 Jan 2022 16:26
 Operator : JC/MD
 Sample : M5251-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Quant Time: Jan 04 01:34:41 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)

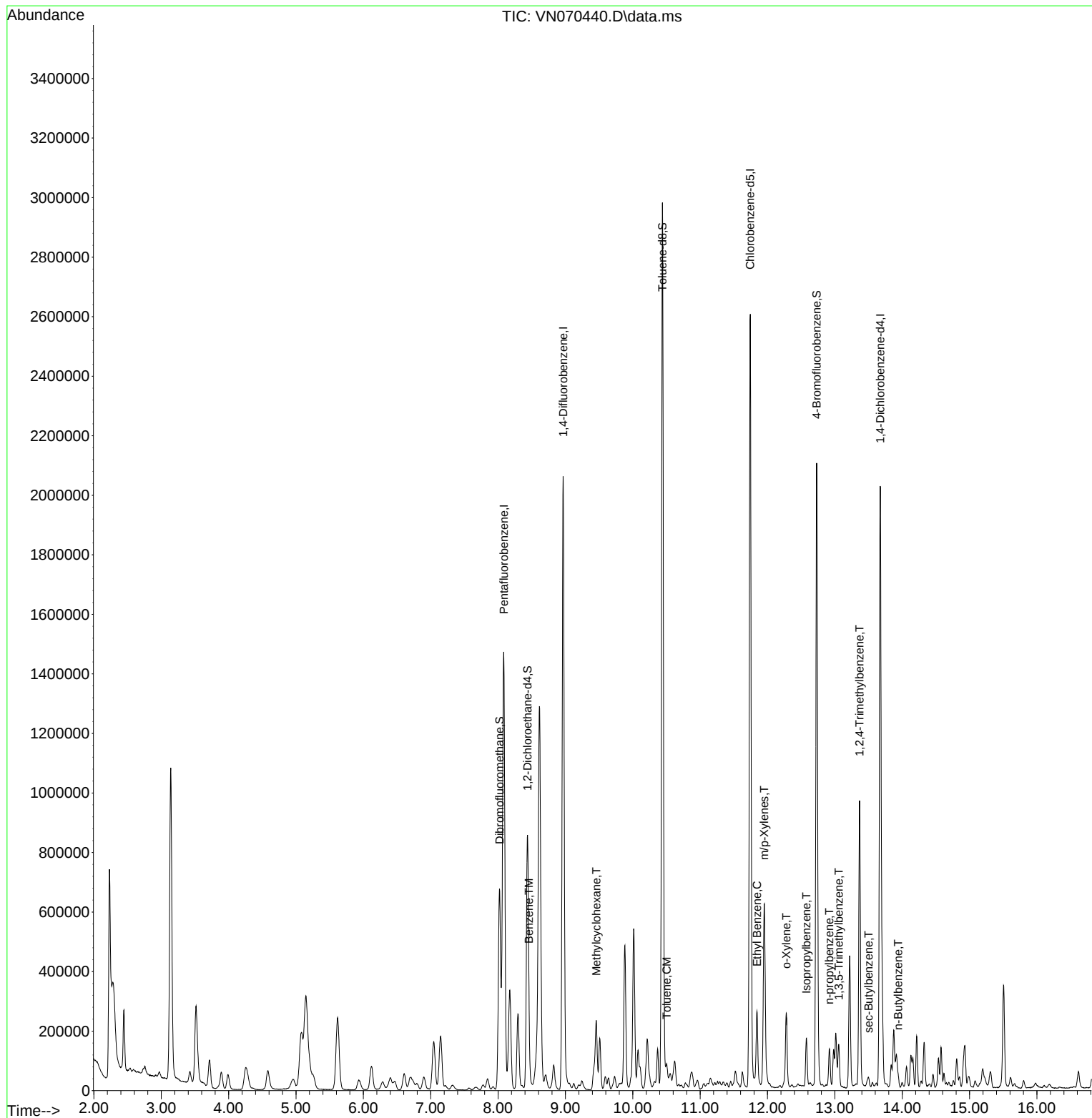
Internal Standards						
1) Pentafluorobenzene	8.086	168	1008665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1714998	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1504402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	553775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	731623	50.447	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.900%			
35) Dibromofluoromethane	8.021	113	502436	48.420	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.840%			
50) Toluene-d8	10.440	98	2045428	48.253	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.500%			
62) 4-Bromofluorobenzene	12.731	95	761493	49.738	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.480%			
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.459	83	47545	2.288	ug/l #	73
40) Benzene	8.458	78	16630	0.316	ug/l	99
52) Toluene	10.505	92	25185	0.791	ug/l	100
67) Ethyl Benzene	11.843	91	180460	3.086	ug/l	97
68) m/p-Xylenes	11.950	106	197239	9.265	ug/l	95
69) o-Xylene	12.280	106	67707	3.197	ug/l	91
73) Isopropylbenzene	12.578	105	110854	2.156	ug/l	99
78) n-propylbenzene	12.918	91	104704	1.838	ug/l	97
80) 1,3,5-Trimethylbenzene	13.058	105	67574	1.640	ug/l	97
84) 1,2,4-Trimethylbenzene	13.366	105	563678	14.205	ug/l	98
85) sec-Butylbenzene	13.500	105	21316	0.433	ug/l	81
89) n-Butylbenzene	13.940	91	18311	0.567	ug/l #	72

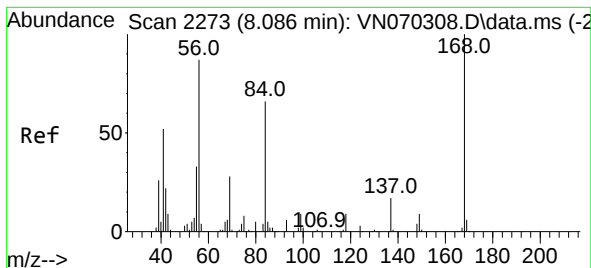
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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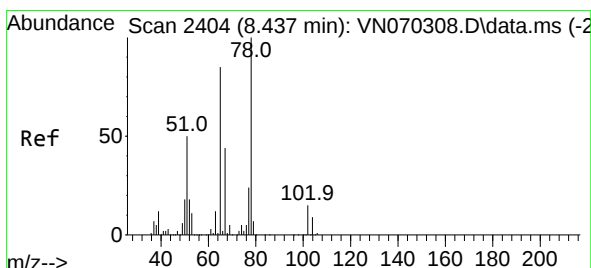
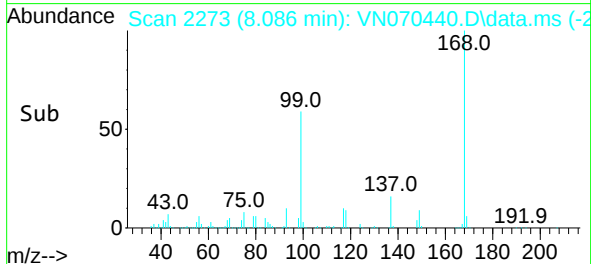
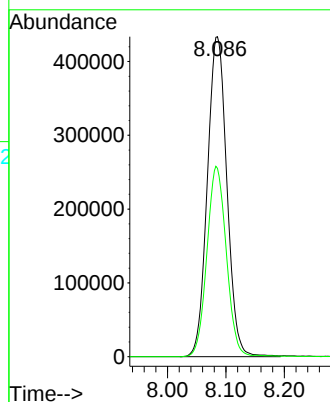
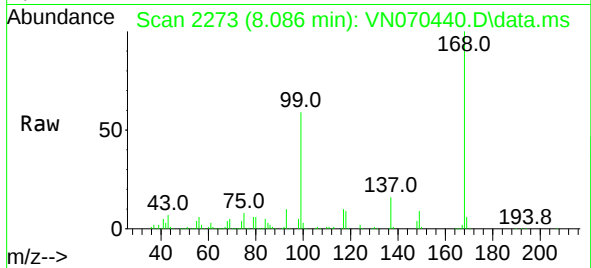




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070440.D
Acq: 3 Jan 2022 16:26

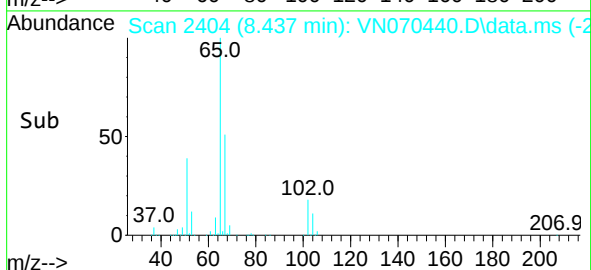
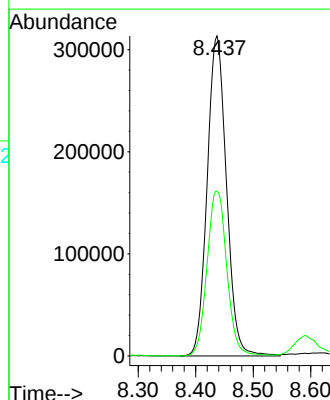
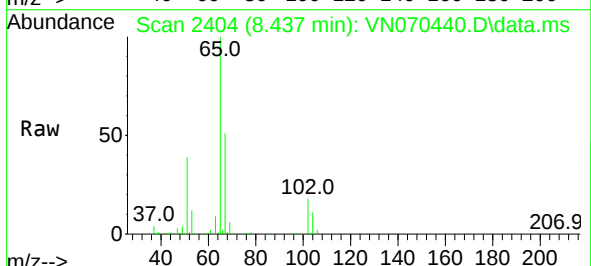
Instrument :
MSVOA_N
ClientSampleId :
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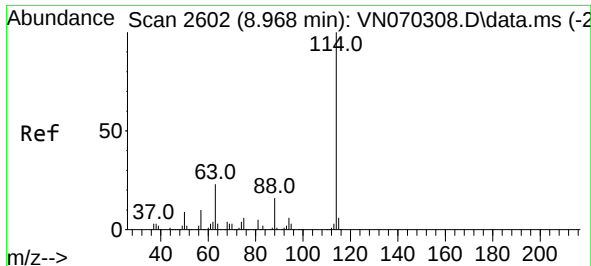
Tgt Ion:168 Resp: 1008665
Ion Ratio Lower Upper
168 100
99 58.9 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 50.447 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070440.D
Acq: 3 Jan 2022 16:26

Tgt Ion: 65 Resp: 731623
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.0

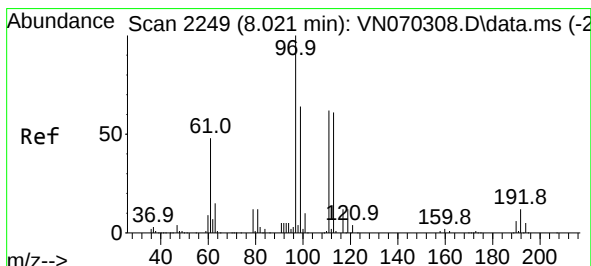
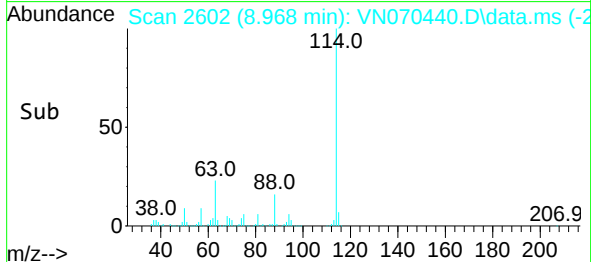
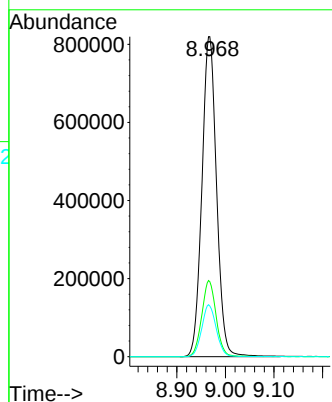
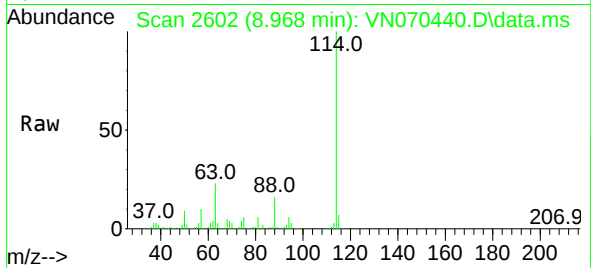




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN070440.D
Acq: 3 Jan 2022 16:26

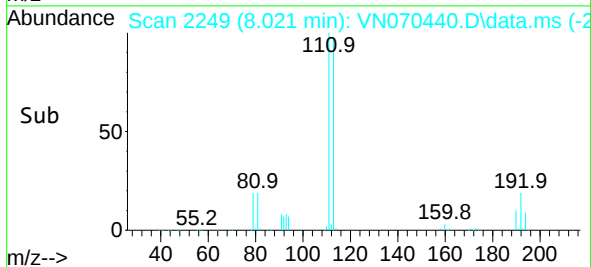
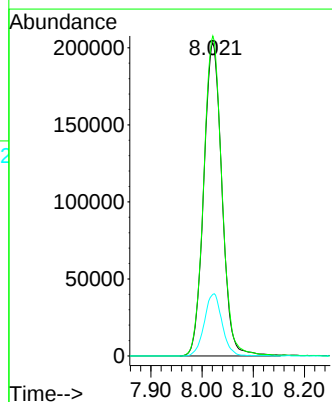
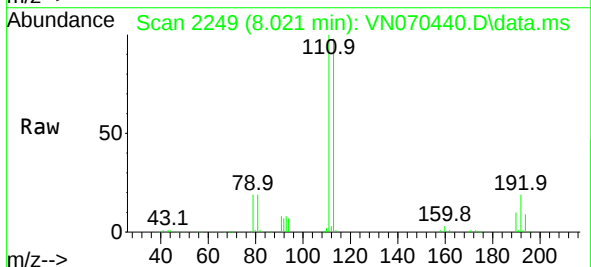
Instrument :
MSVOA_N
ClientSampleId :
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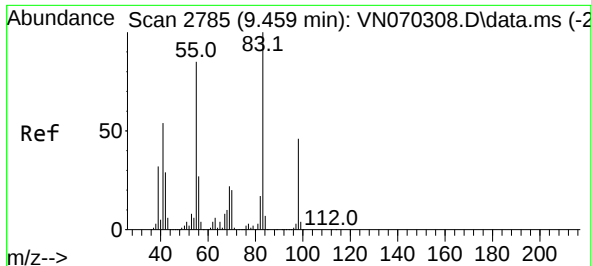
Tgt Ion:114 Resp: 1714998
Ion Ratio Lower Upper
114 100
63 23.4 0.0 37.8
88 15.9 0.0 27.4



#35
Dibromofluoromethane
Concen: 48.420 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070440.D
Acq: 3 Jan 2022 16:26

Tgt Ion:113 Resp: 502436
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 19.4 16.9 25.3

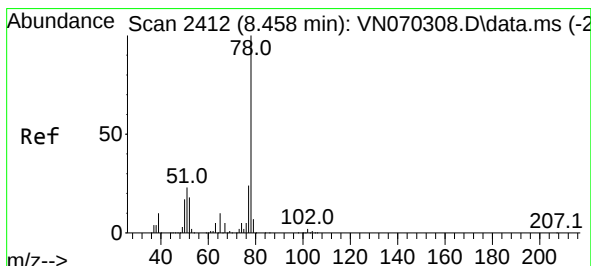
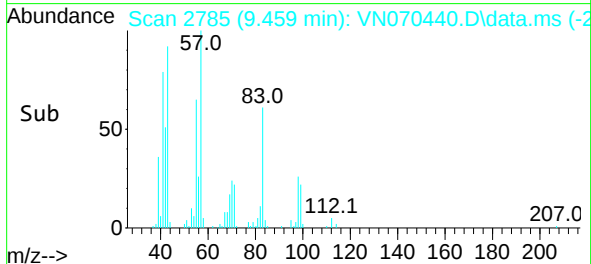
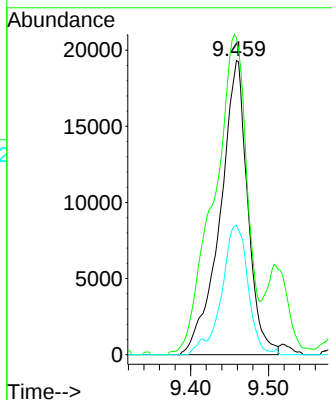
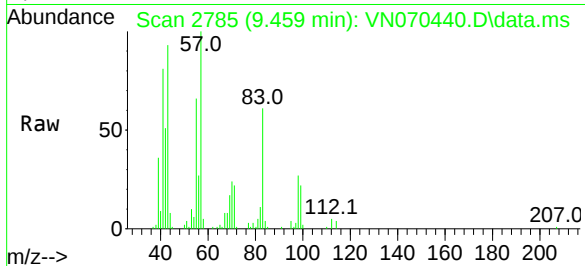




#39
Methylcyclohexane
Concen: 2.288 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070440.D
Acq: 3 Jan 2022 16:26

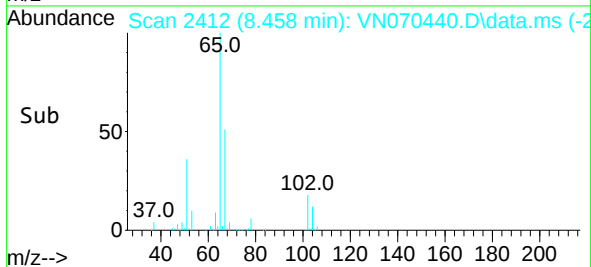
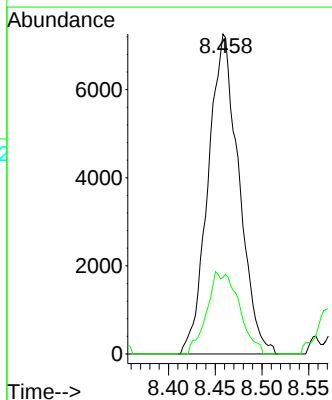
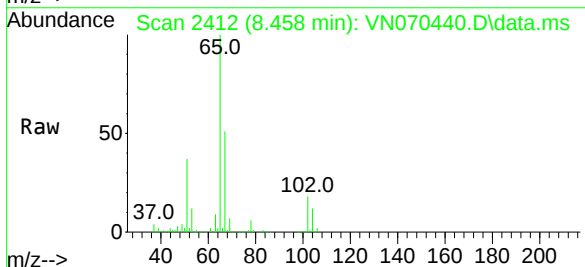
Instrument :
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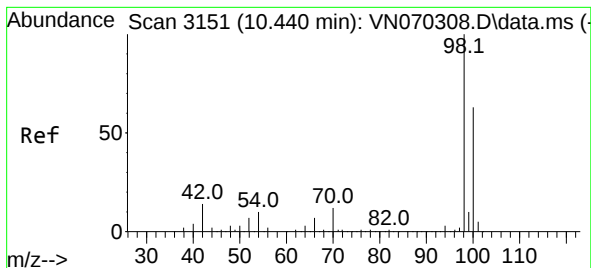
Tgt Ion: 83 Resp: 47545
Ion Ratio Lower Upper
83 100
55 106.2 58.1 87.1#
98 44.1 38.4 57.6



#40
Benzene
Concen: 0.316 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. 0.000 min
Lab File: VN070440.D
Acq: 3 Jan 2022 16:26

Tgt Ion: 78 Resp: 16630
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8





#50

Toluene-d8

Concen: 48.253 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VN070440.D

Acq: 3 Jan 2022 16:26

Instrument :

MSVOA_N

ClientSampleId :

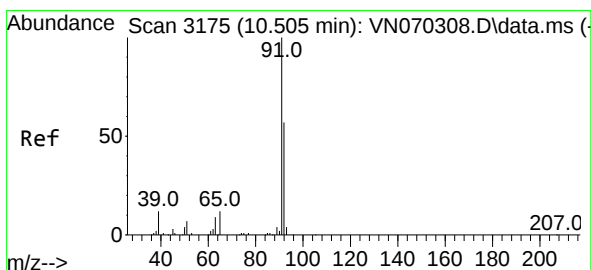
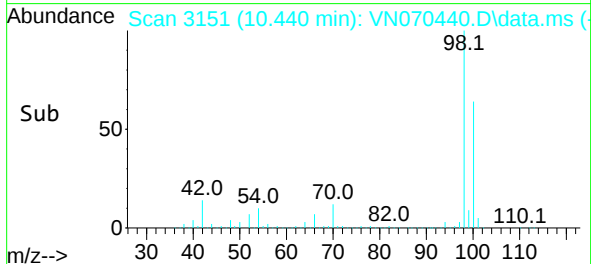
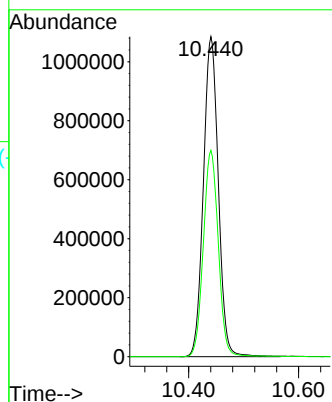
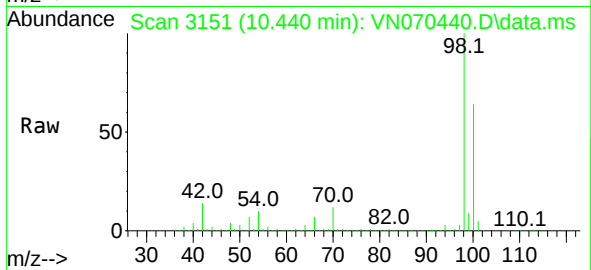
MW-3

Tgt Ion: 98 Resp: 2045428

Ion Ratio Lower Upper

98 100

100 64.4 50.4 75.6



#52

Toluene

Concen: 0.791 ug/l

RT: 10.505 min Scan# 3175

Delta R.T. -0.000 min

Lab File: VN070440.D

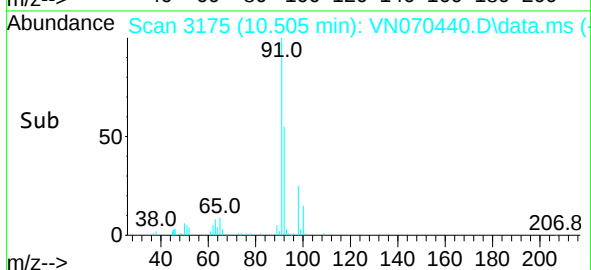
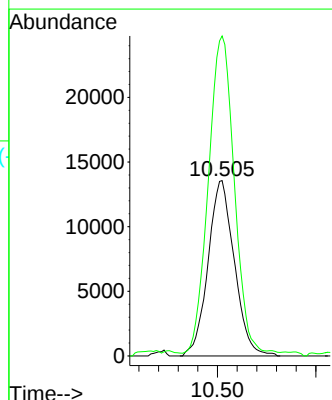
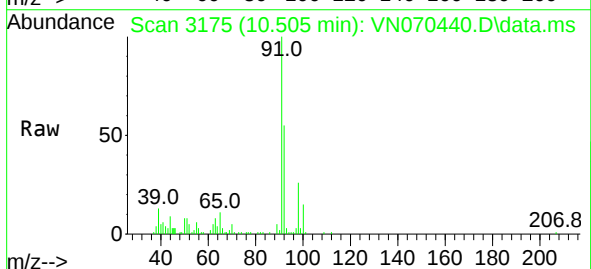
Acq: 3 Jan 2022 16:26

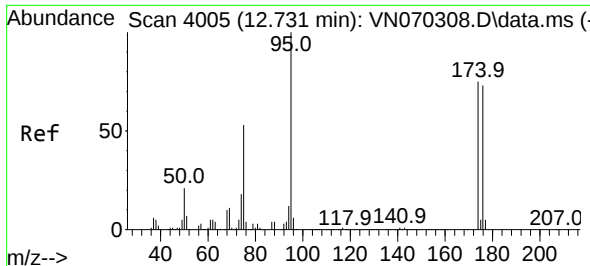
Tgt Ion: 92 Resp: 25185

Ion Ratio Lower Upper

92 100

91 176.9 142.0 213.0

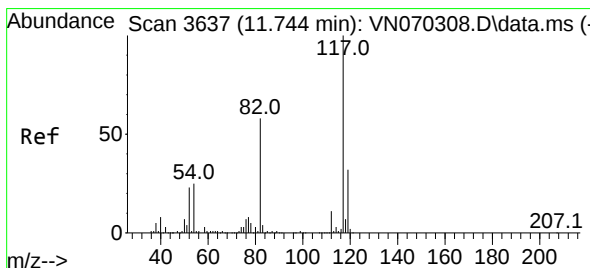
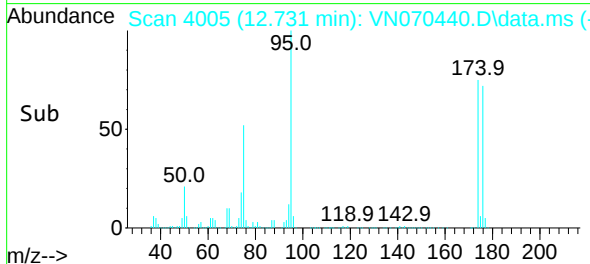
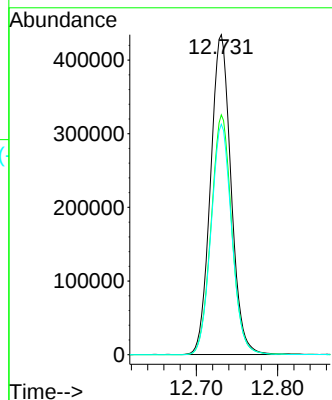
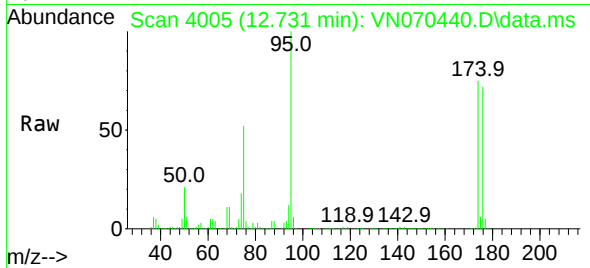




#62
4-Bromofluorobenzene
Concen: 49.738 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070440.D
Acq: 3 Jan 2022 16:26

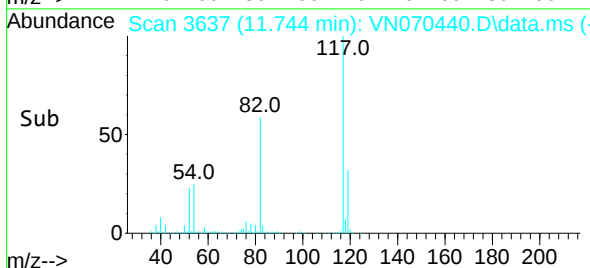
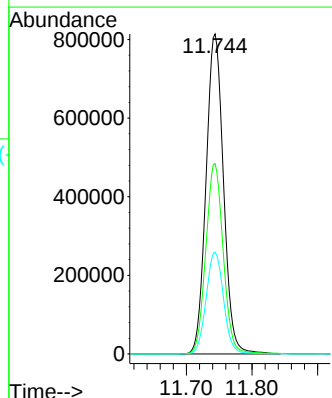
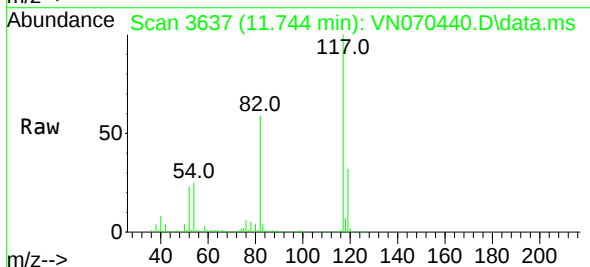
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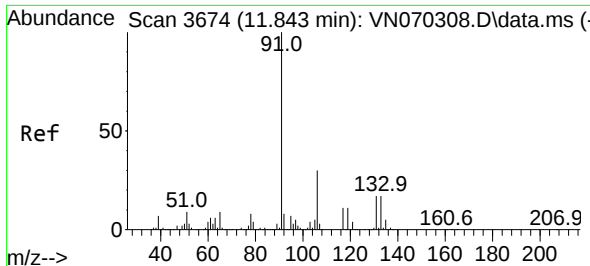
Tgt Ion: 95 Resp: 761493
Ion Ratio Lower Upper
95 100
174 75.5 0.0 187.2
176 72.7 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070440.D
Acq: 3 Jan 2022 16:26

Tgt Ion: 117 Resp: 1504402
Ion Ratio Lower Upper
117 100
82 59.4 42.4 63.6
119 31.8 25.4 38.2

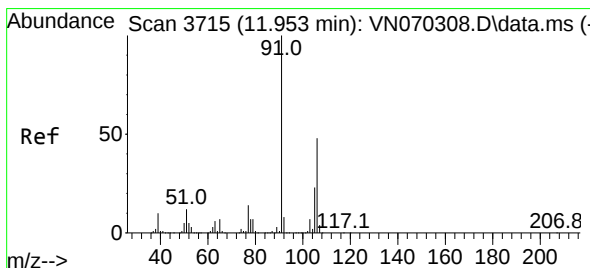
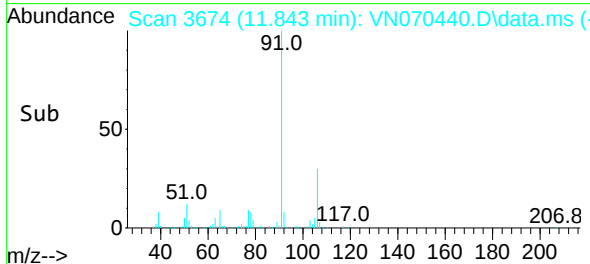
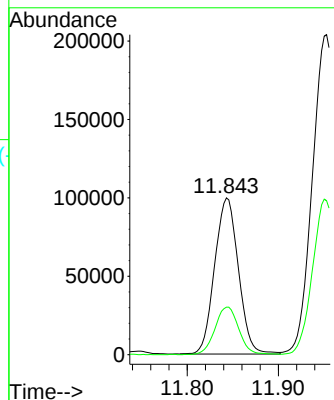
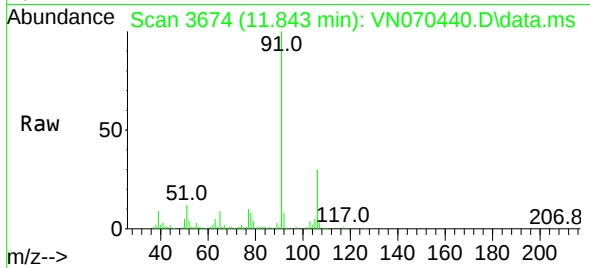




#67
Ethyl Benzene
Concen: 3.086 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN070440.D
Acq: 3 Jan 2022 16:26

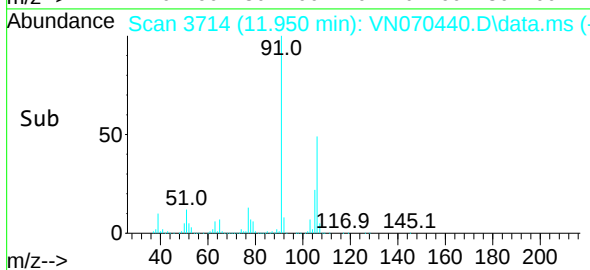
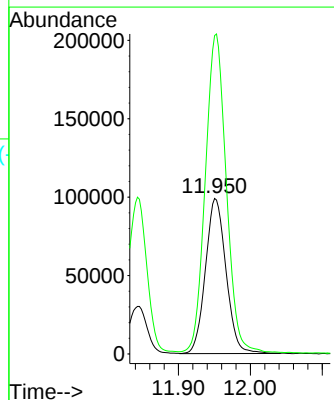
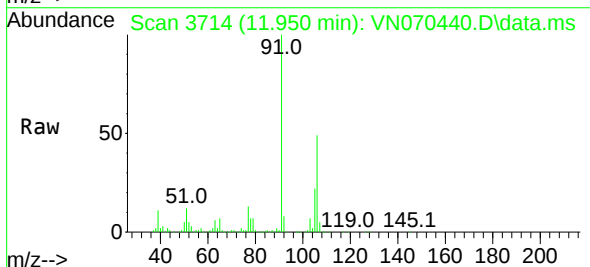
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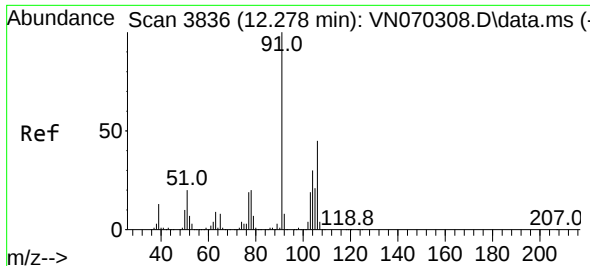
Tgt Ion: 91 Resp: 180460
Ion Ratio Lower Upper
91 100
106 30.4 25.7 38.5



#68
m/p-Xylenes
Concen: 9.265 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070440.D
Acq: 3 Jan 2022 16:26

Tgt Ion:106 Resp: 197239
Ion Ratio Lower Upper
106 100
91 208.9 160.6 240.8

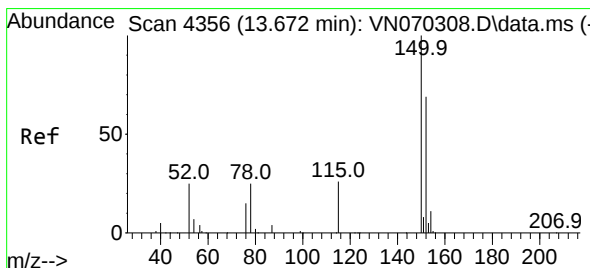
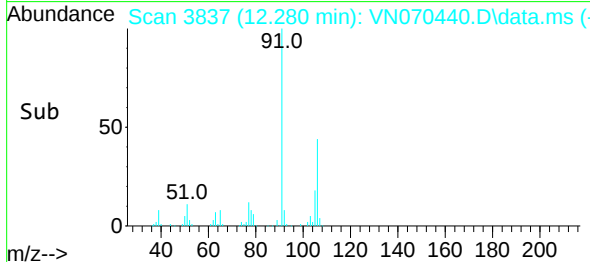
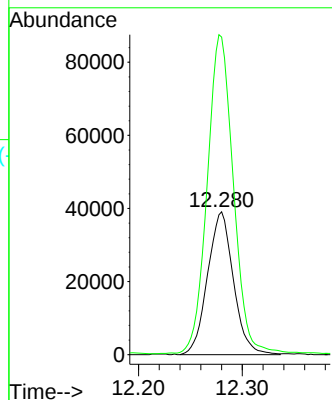
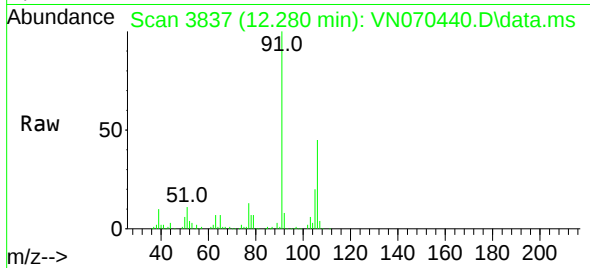




#69
o-Xylene
Concen: 3.197 ug/l
RT: 12.280 min Scan# 3836
Delta R.T. 0.002 min
Lab File: VN070440.D
Acq: 3 Jan 2022 16:26

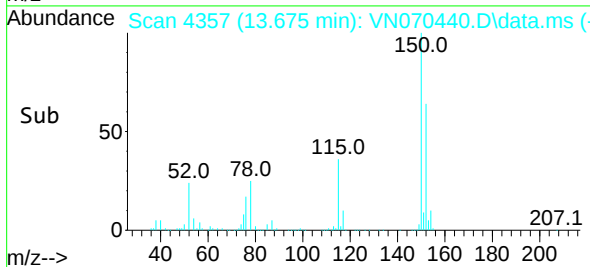
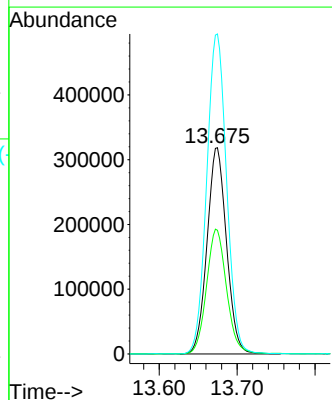
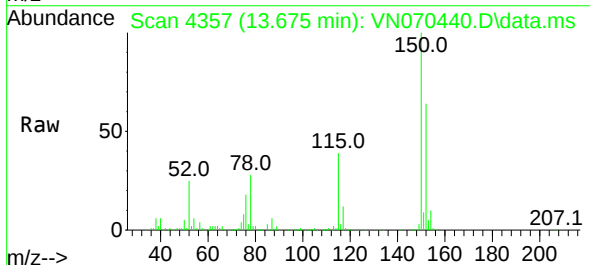
Instrument :
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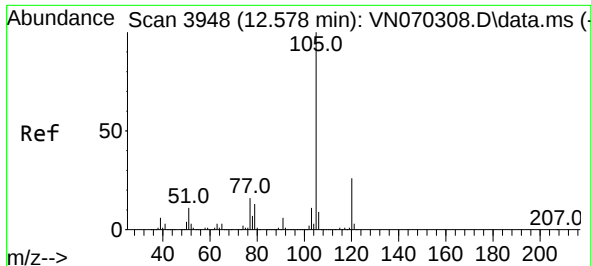
Tgt Ion:106 Resp: 67707
Ion Ratio Lower Upper
106 100
91 225.7 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070440.D
Acq: 3 Jan 2022 16:26

Tgt Ion:152 Resp: 553775
Ion Ratio Lower Upper
152 100
115 61.9 27.5 82.5
150 158.1 0.0 344.4

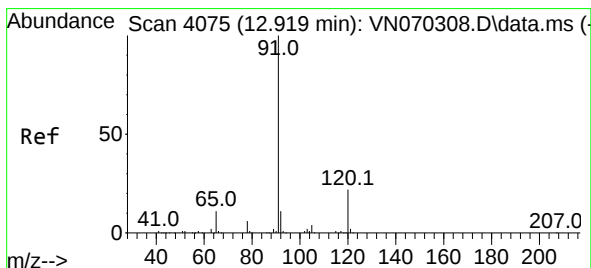
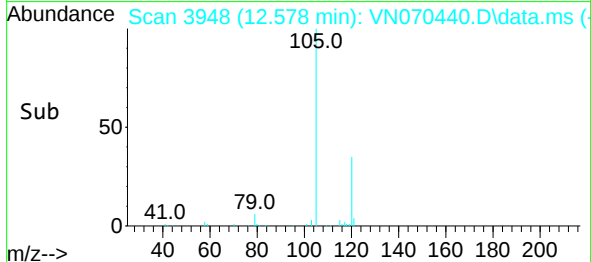
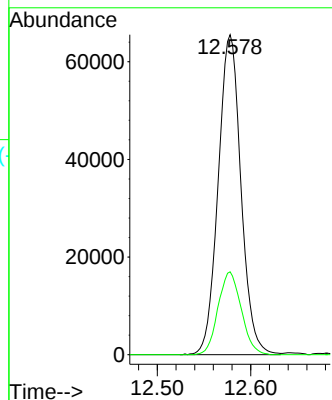
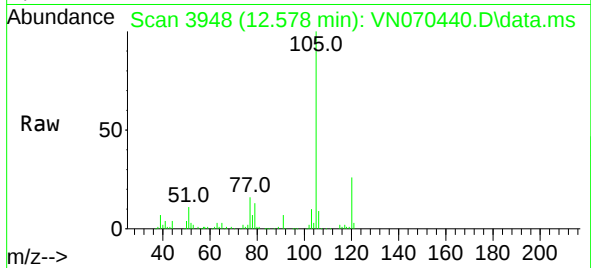




#73
Isopropylbenzene
Concen: 2.156 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN070440.D
Acq: 3 Jan 2022 16:26

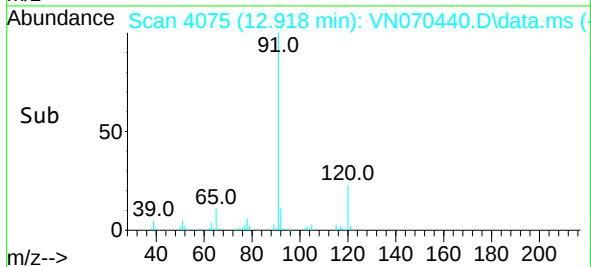
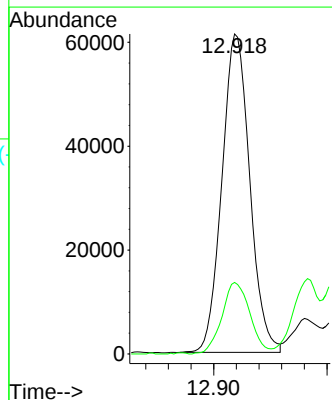
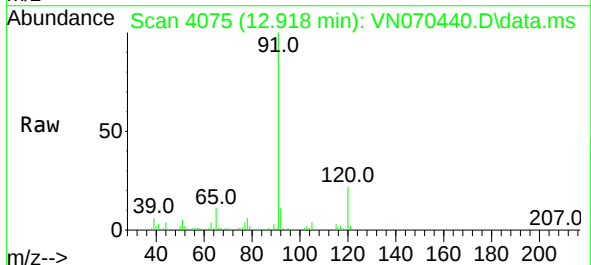
Instrument :
MSVOA_N
ClientSampleId :
MW-3

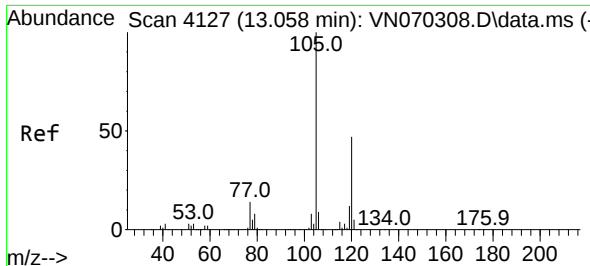
Tgt Ion:105 Resp: 110854
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.1



#78
n-propylbenzene
Concen: 1.838 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.001 min
Lab File: VN070440.D
Acq: 3 Jan 2022 16:26

Tgt Ion: 91 Resp: 104704
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.9

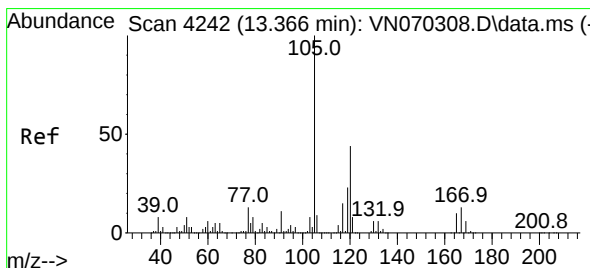
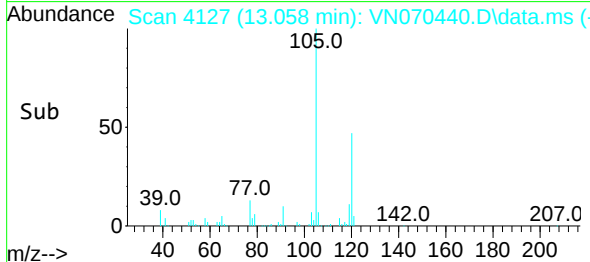
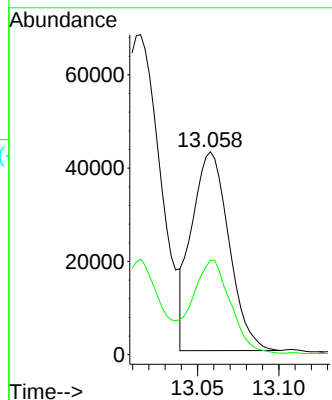
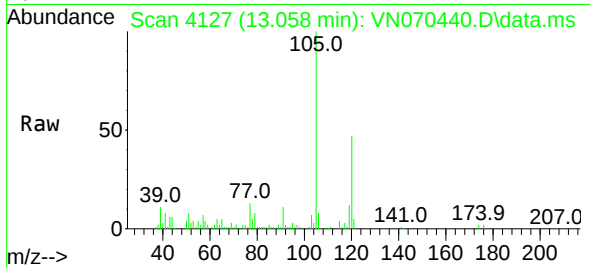




#80
 1,3,5-Trimethylbenzene
 Concen: 1.640 ug/l
 RT: 13.058 min Scan# 4127
 Delta R.T. -0.000 min
 Lab File: VN070440.D
 Acq: 3 Jan 2022 16:26

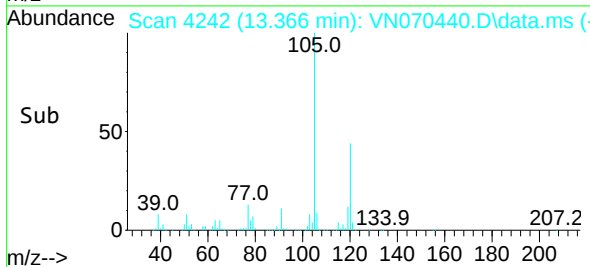
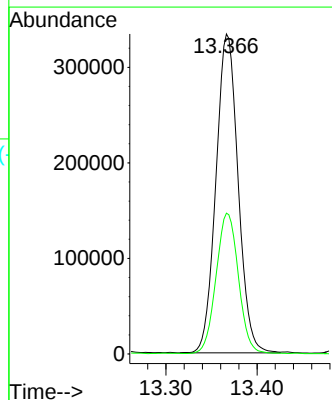
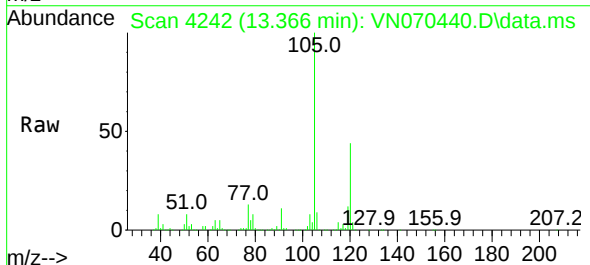
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

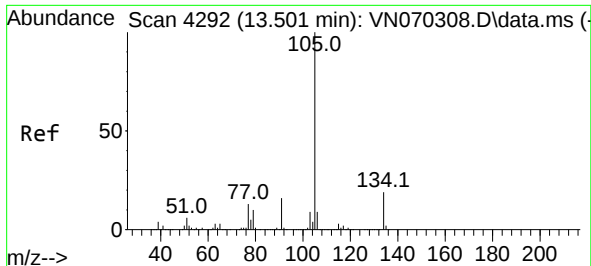
Tgt Ion:105 Resp: 67574
 Ion Ratio Lower Upper
 105 100
 120 47.0 24.6 73.6



#84
 1,2,4-Trimethylbenzene
 Concen: 14.205 ug/l
 RT: 13.366 min Scan# 4242
 Delta R.T. 0.000 min
 Lab File: VN070440.D
 Acq: 3 Jan 2022 16:26

Tgt Ion:105 Resp: 563678
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.8 68.4

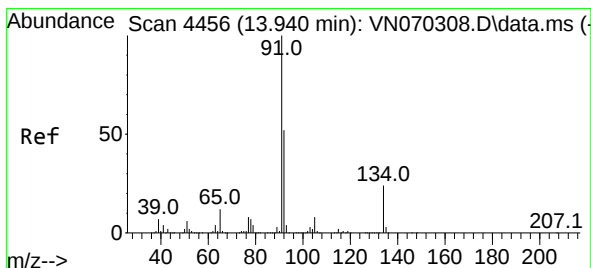
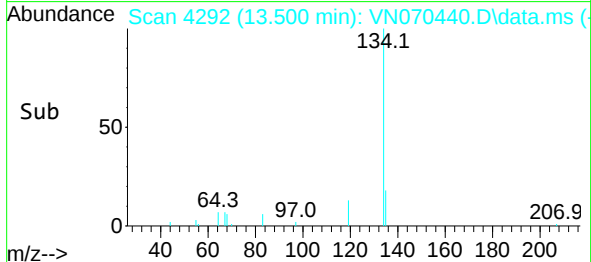
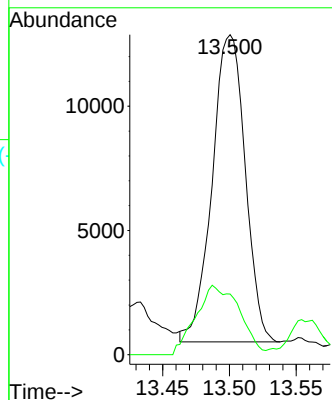
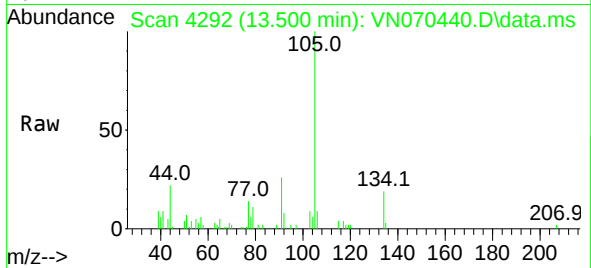




#85
 sec-Butylbenzene
 Concen: 0.433 ug/l
 RT: 13.500 min Scan# 4292
 Delta R.T. -0.001 min
 Lab File: VN070440.D
 Acq: 3 Jan 2022 16:26

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Tgt Ion:105 Resp: 21316
 Ion Ratio Lower Upper
 105 100
 134 29.7 10.4 31.1



#89
 n-Butylbenzene
 Concen: 0.567 ug/l
 RT: 13.940 min Scan# 4456
 Delta R.T. 0.000 min
 Lab File: VN070440.D
 Acq: 3 Jan 2022 16:26

Tgt Ion: 91 Resp: 18311
 Ion Ratio Lower Upper
 91 100
 92 61.2 25.4 76.0
 134 0.0 13.6 40.8#

