

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
 Data File : VN070443.D
 Acq On : 3 Jan 2022 17:42
 Operator : JC/MD
 Sample : M5251-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6S

Quant Time: Jan 04 01:36:03 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)

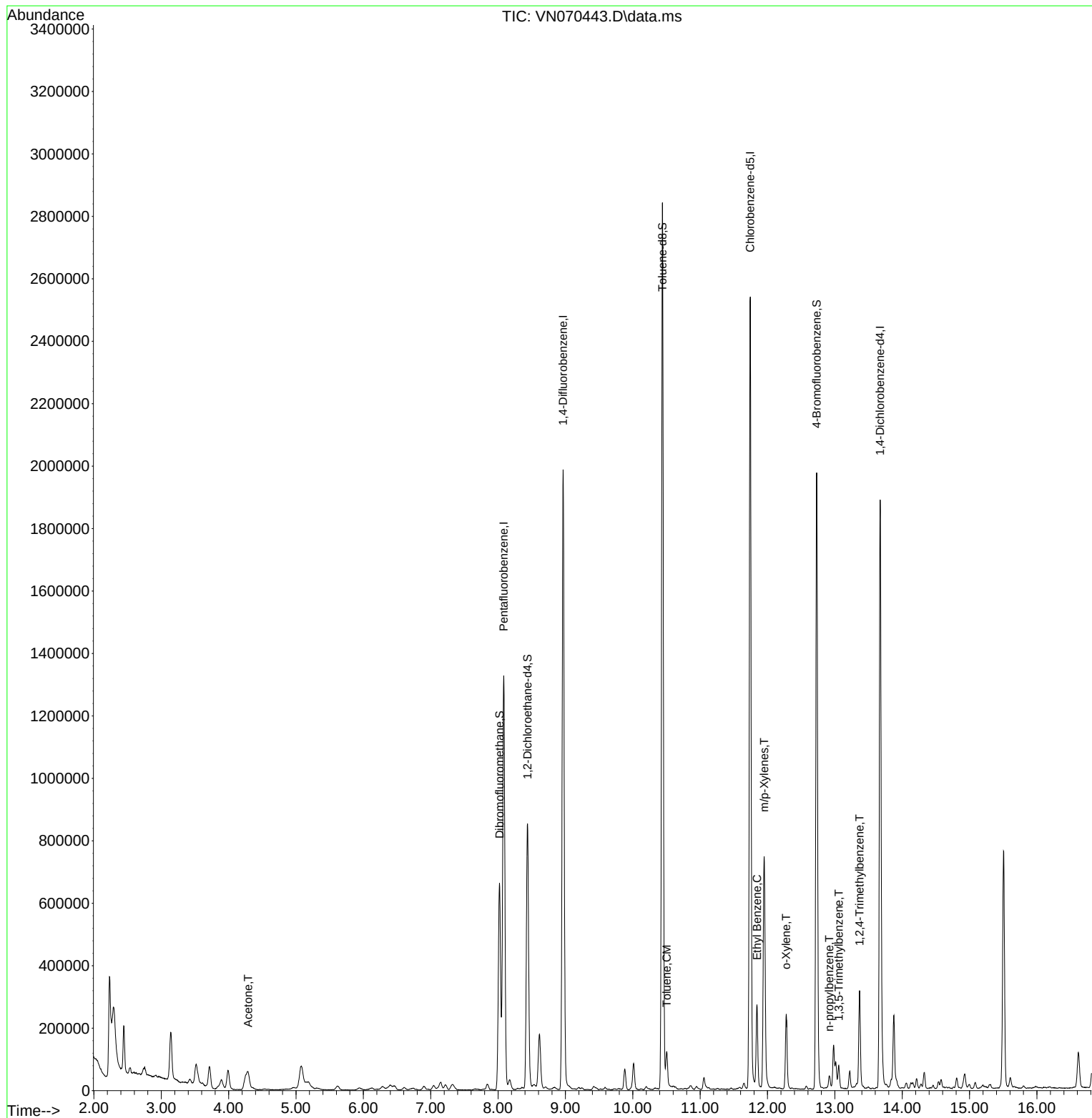
Internal Standards						
1) Pentafluorobenzene	8.083	168	1001829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1702709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1463901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	513582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	727885	50.532	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.060%
35) Dibromofluoromethane	8.021	113	490900	47.650	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.300%
50) Toluene-d8	10.440	98	1954897	46.450	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	92.900%
62) 4-Bromofluorobenzene	12.731	95	722517	47.533	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.060%
Target Compounds						
					Qvalue	
16) Acetone	4.288	43	107449	11.491	ug/l	95
52) Toluene	10.505	92	44848	1.418	ug/l	100
67) Ethyl Benzene	11.843	91	199399	3.504	ug/l	94
68) m/p-Xylenes	11.950	106	249522	12.045	ug/l	94
69) o-Xylene	12.278	106	65124	3.161	ug/l	87
78) n-propylbenzene	12.919	91	32379	0.613	ug/l	96
80) 1,3,5-Trimethylbenzene	13.058	105	33874	0.886	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	180286	4.899	ug/l	98

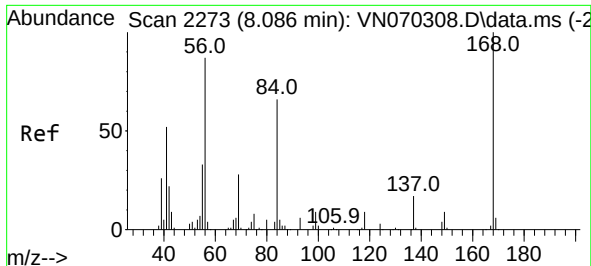
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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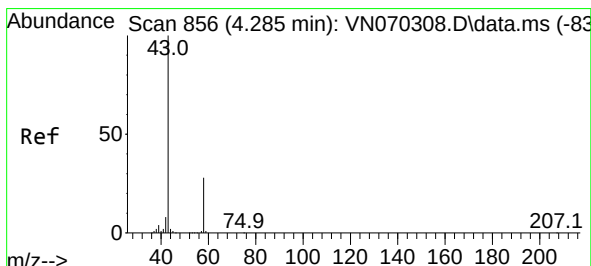
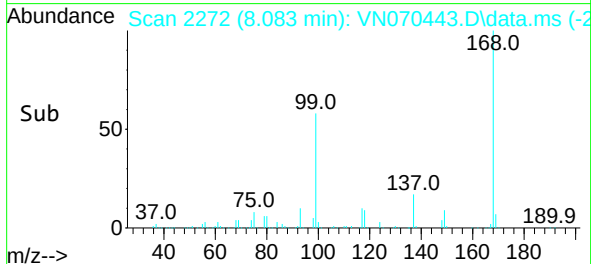
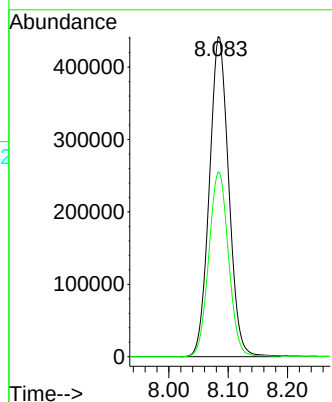
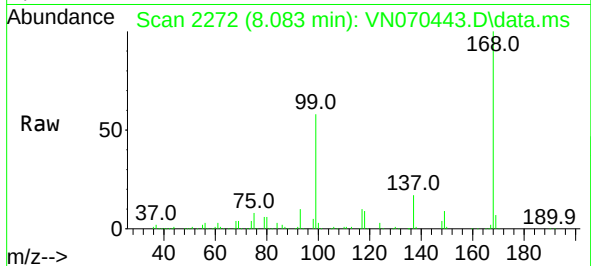




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070443.D
Acq: 3 Jan 2022 17:42

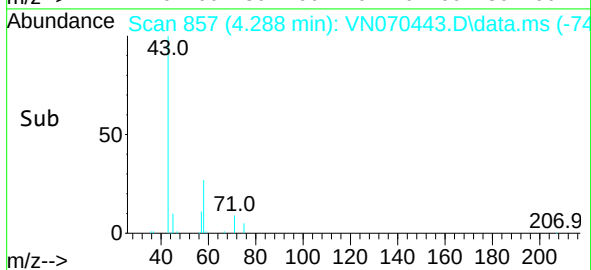
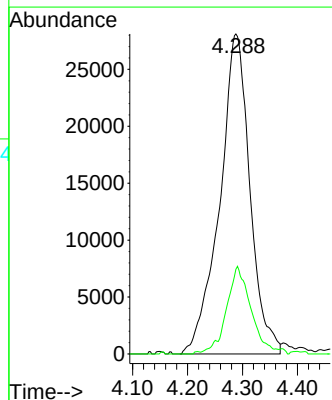
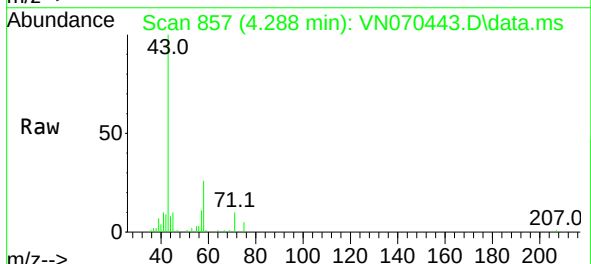
Instrument :
MSVOA_N
ClientSampleId :
MW-6S

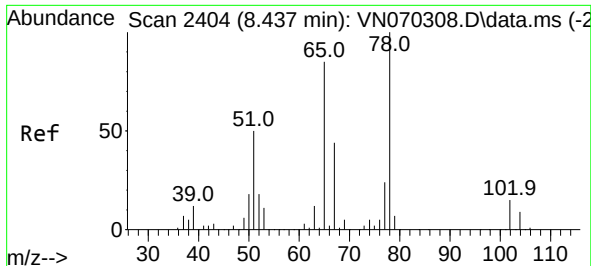
Tgt Ion:168 Resp: 1001829
Ion Ratio Lower Upper
168 100
99 57.7 41.3 61.9



#16
Acetone
Concen: 11.491 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070443.D
Acq: 3 Jan 2022 17:42

Tgt Ion: 43 Resp: 107449
Ion Ratio Lower Upper
43 100
58 26.4 23.1 34.7





#33

1,2-Dichloroethane-d4

Concen: 50.532 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. -0.000 min

Lab File: VN070443.D

Acq: 3 Jan 2022 17:42

Instrument :

MSVOA_N

ClientSampleId :

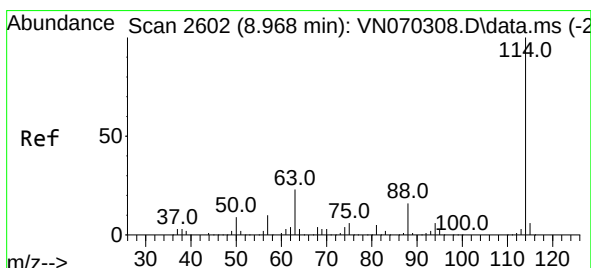
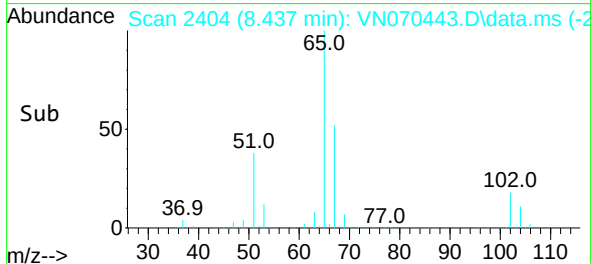
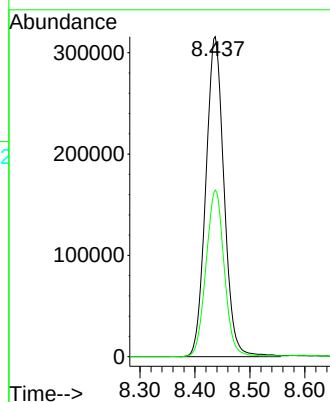
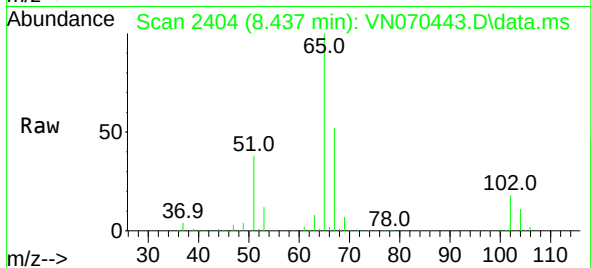
MW-6S

Tgt Ion: 65 Resp: 727885

Ion Ratio Lower Upper

65 100

67 52.4 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: VN070443.D

Acq: 3 Jan 2022 17:42

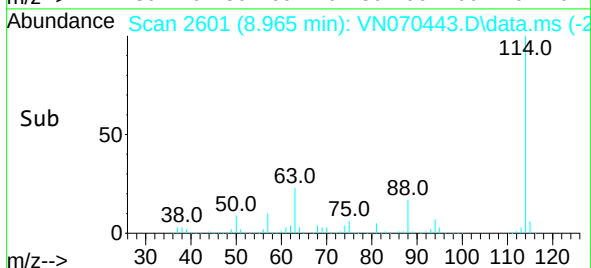
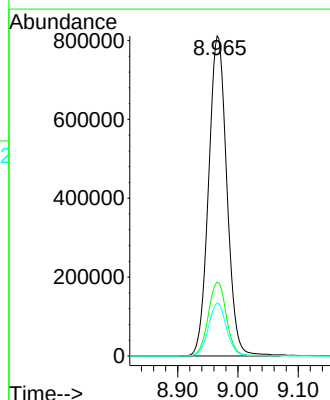
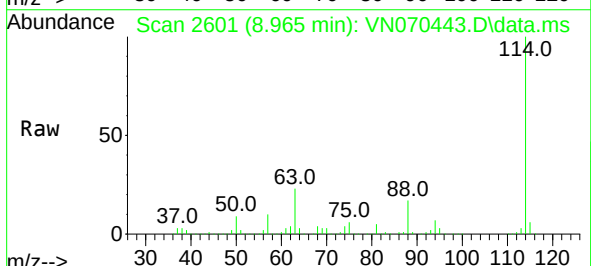
Tgt Ion: 114 Resp: 1702709

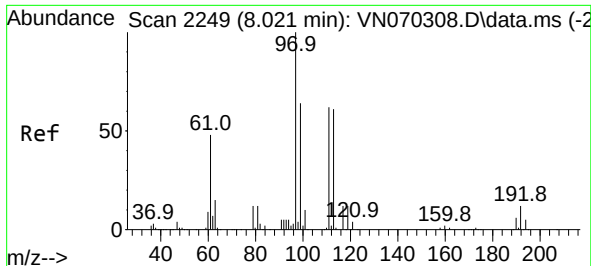
Ion Ratio Lower Upper

114 100

63 23.1 0.0 37.8

88 16.5 0.0 27.4

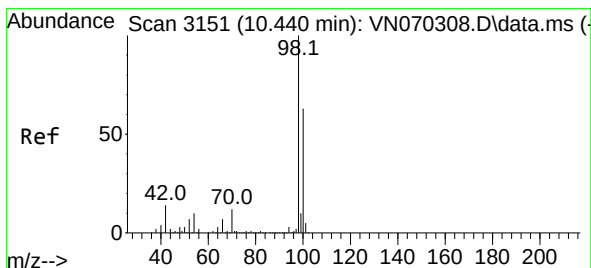
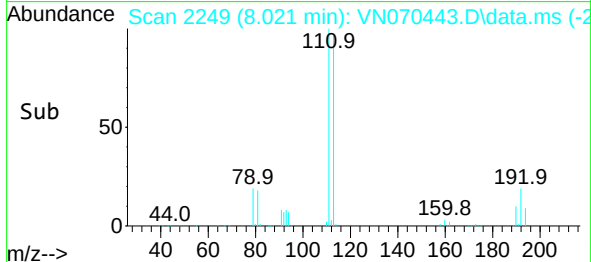
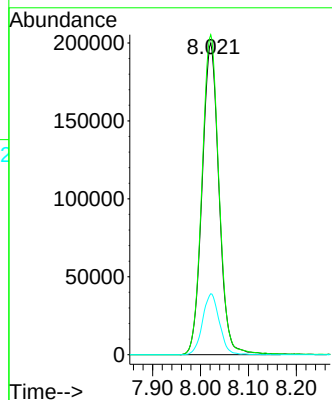
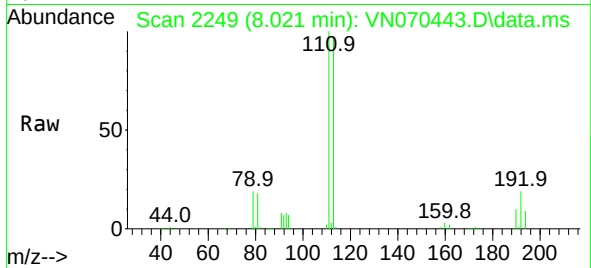




#35
Dibromofluoromethane
Concen: 47.650 ug/l
RT: 8.021 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN070443.D
Acq: 3 Jan 2022 17:42

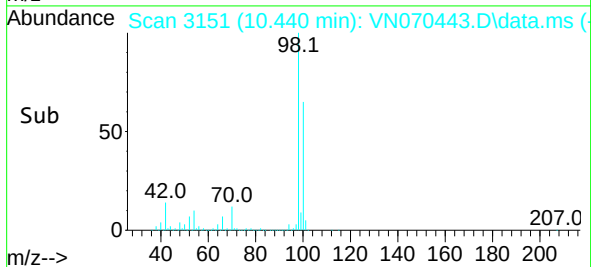
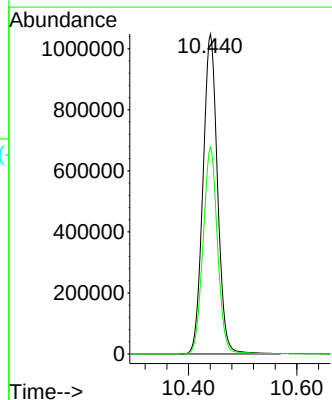
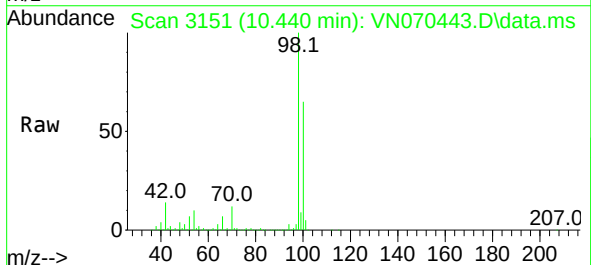
Instrument :
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MW-6S

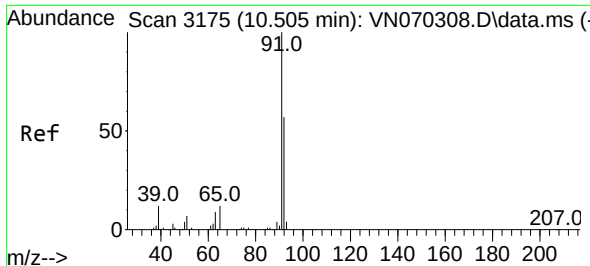
Tgt Ion:113 Resp: 490900
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 19.4 16.9 25.3



#50
Toluene-d8
Concen: 46.450 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070443.D
Acq: 3 Jan 2022 17:42

Tgt Ion: 98 Resp: 1954897
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6

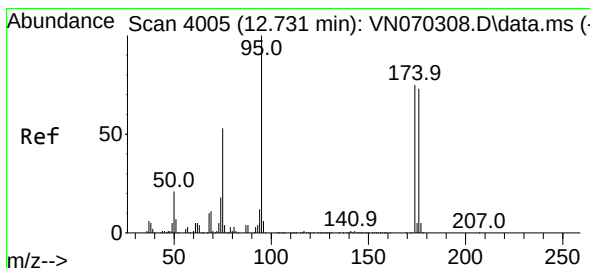
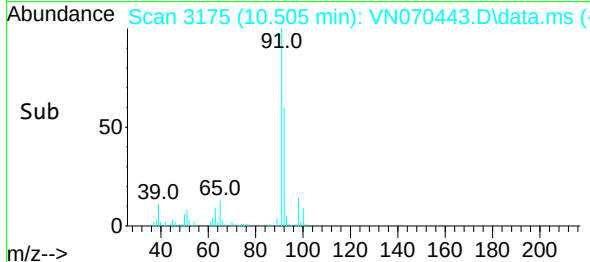
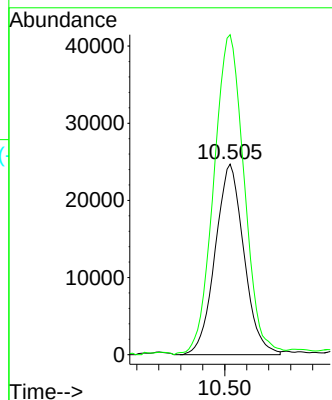
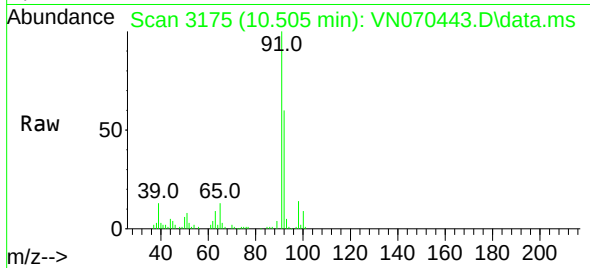




#52
Toluene
Concen: 1.418 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070443.D
Acq: 3 Jan 2022 17:42

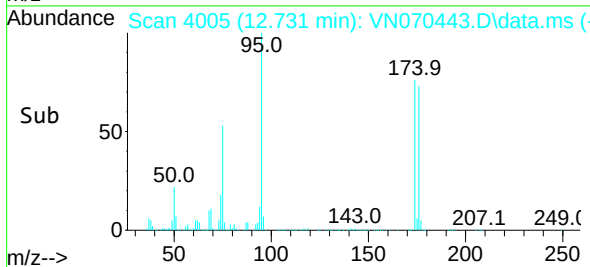
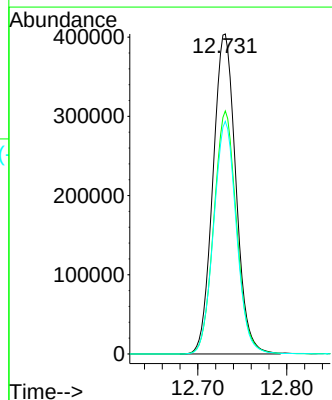
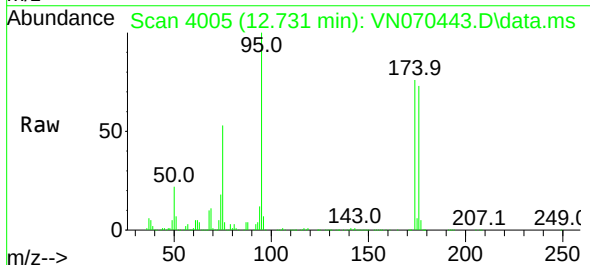
Instrument :
MSVOA_N
ClientSampleId :
MW-6S

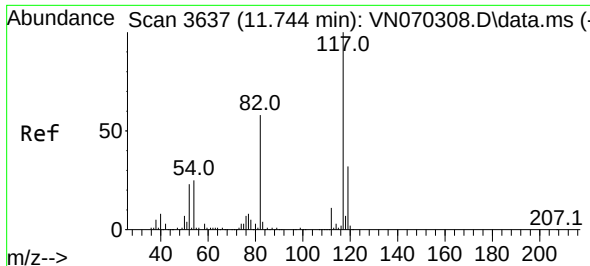
Tgt Ion: 92 Resp: 44848
Ion Ratio Lower Upper
92 100
91 177.8 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 47.533 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070443.D
Acq: 3 Jan 2022 17:42

Tgt Ion: 95 Resp: 722517
Ion Ratio Lower Upper
95 100
174 75.4 0.0 187.2
176 72.4 0.0 181.4

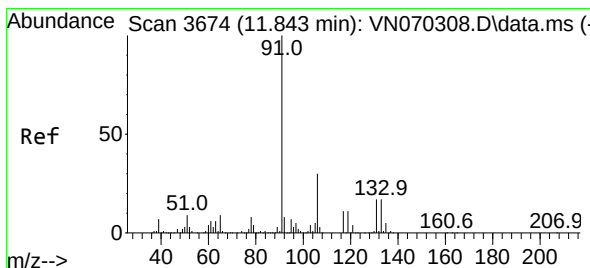
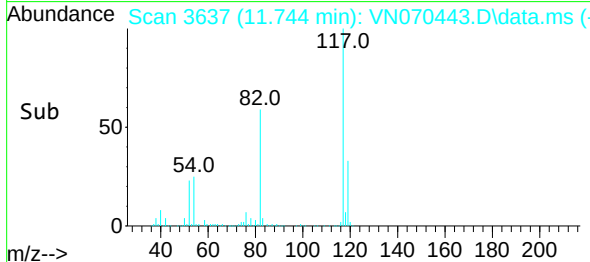
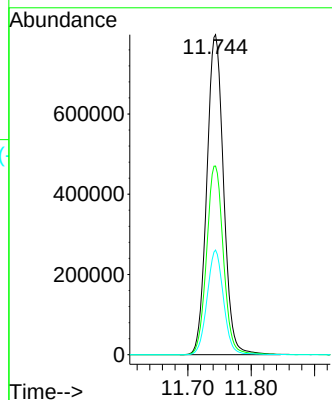
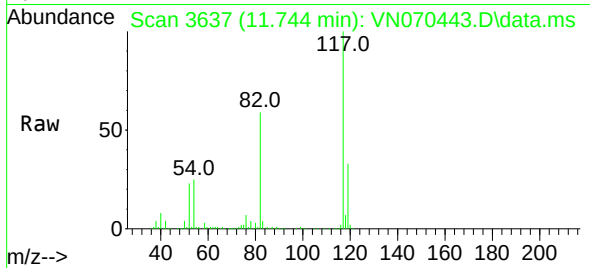




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070443.D
Acq: 3 Jan 2022 17:42

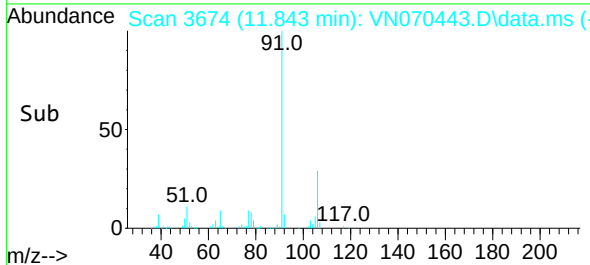
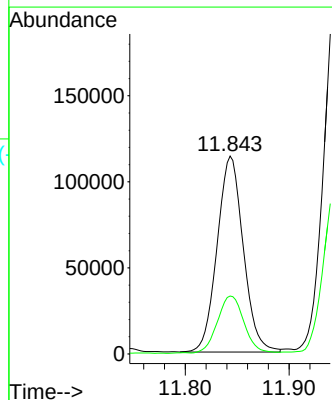
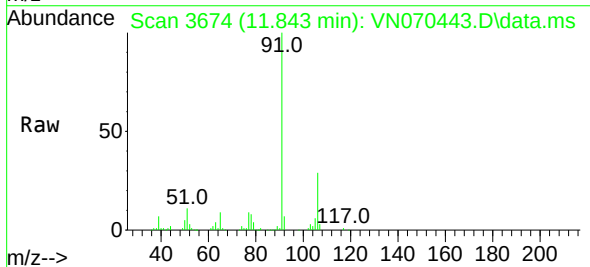
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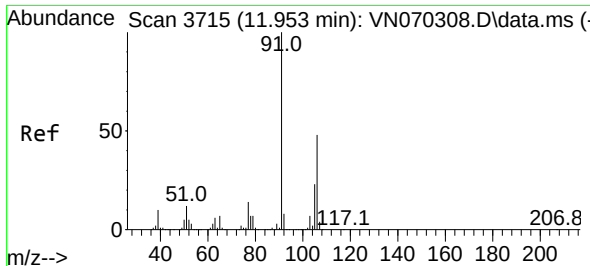
Tgt Ion:117 Resp: 1463901
Ion Ratio Lower Upper
117 100
82 59.0 42.4 63.6
119 32.7 25.4 38.2



#67
Ethyl Benzene
Concen: 3.504 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070443.D
Acq: 3 Jan 2022 17:42

Tgt Ion: 91 Resp: 199399
Ion Ratio Lower Upper
91 100
106 29.0 25.7 38.5

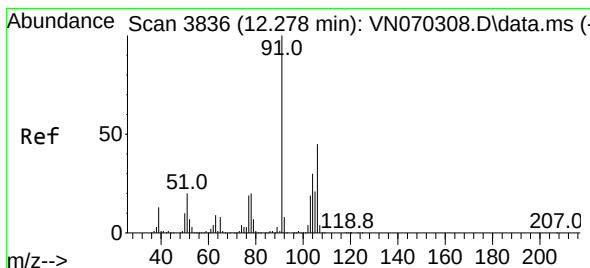
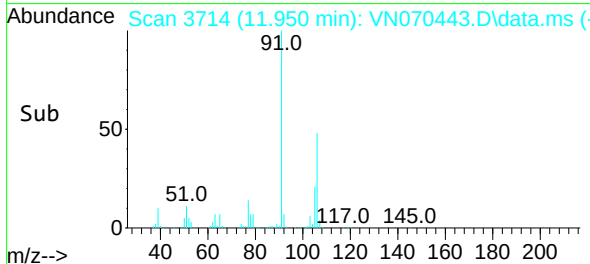
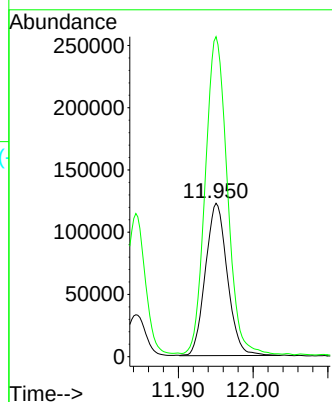
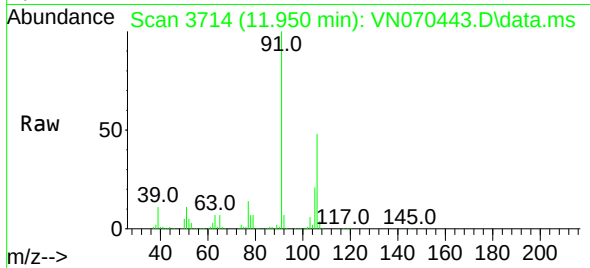




#68
m/p-Xylenes
Concen: 12.045 ug/l
RT: 11.950 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN070443.D
Acq: 3 Jan 2022 17:42

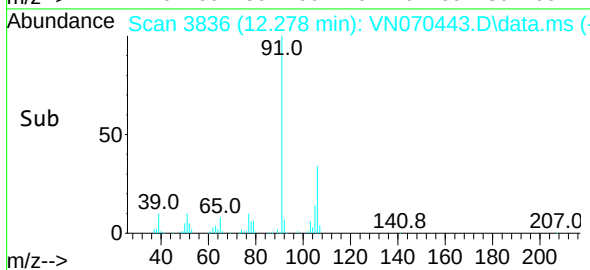
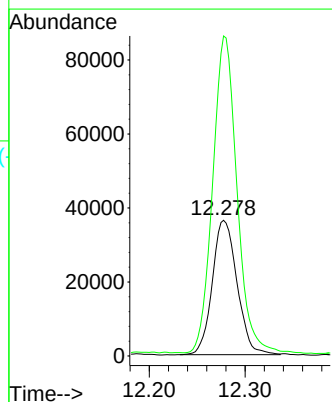
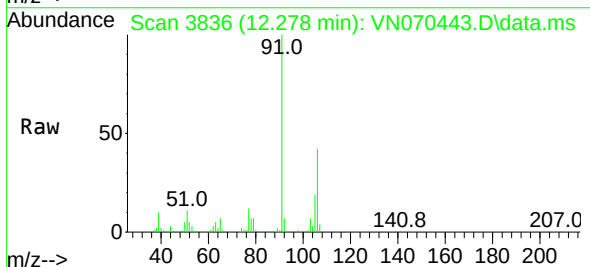
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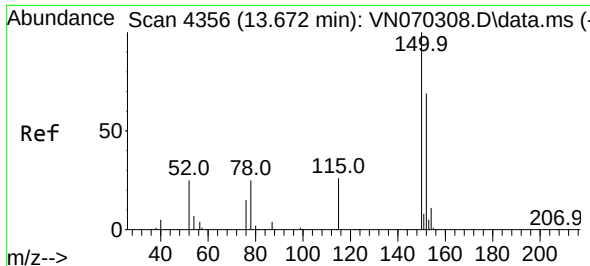
Tgt Ion:106 Resp: 249522
Ion Ratio Lower Upper
106 100
91 209.4 160.6 240.8



#69
o-Xylene
Concen: 3.161 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070443.D
Acq: 3 Jan 2022 17:42

Tgt Ion:106 Resp: 65124
Ion Ratio Lower Upper
106 100
91 232.6 105.8 317.3

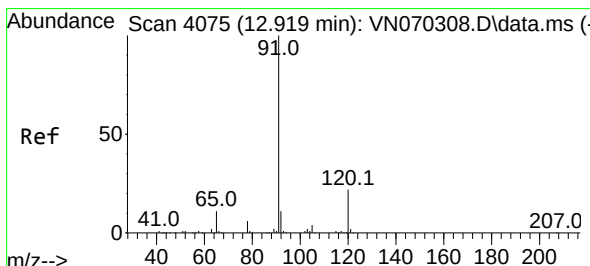
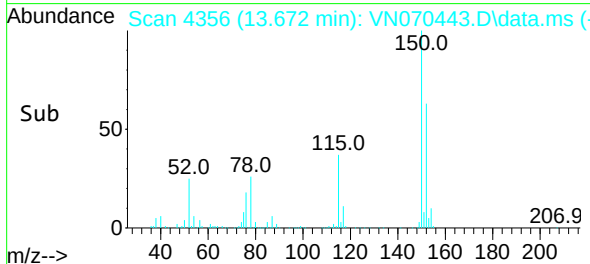
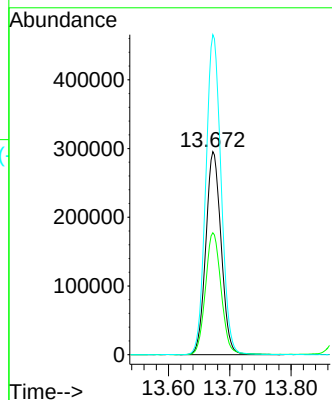
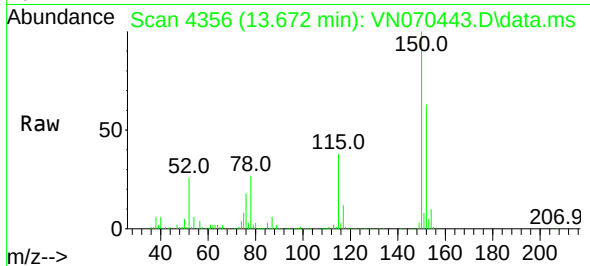




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070443.D
Acq: 3 Jan 2022 17:42

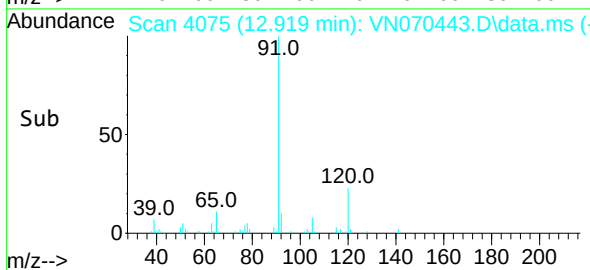
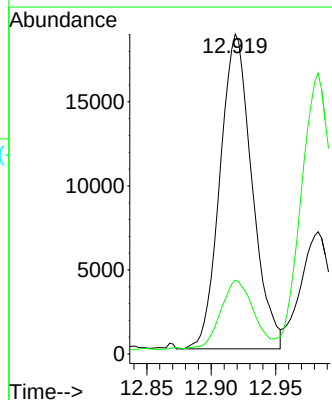
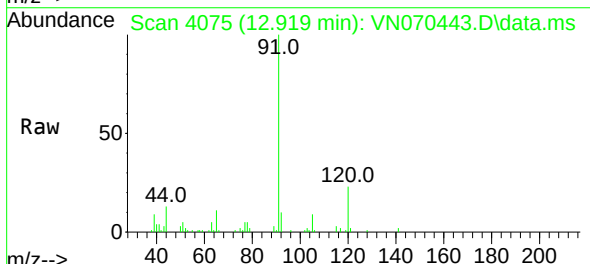
Instrument :
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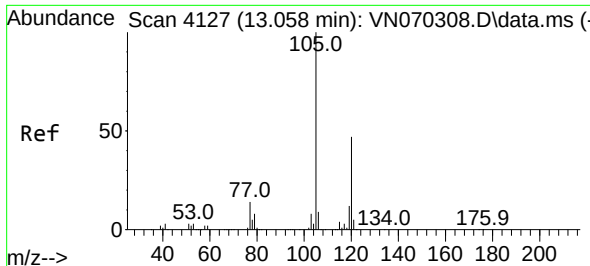
Tgt Ion:152 Resp: 513582
Ion Ratio Lower Upper
152 100
115 61.6 27.5 82.5
150 157.4 0.0 344.4



#78
n-propylbenzene
Concen: 0.613 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070443.D
Acq: 3 Jan 2022 17:42

Tgt Ion: 91 Resp: 32379
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9

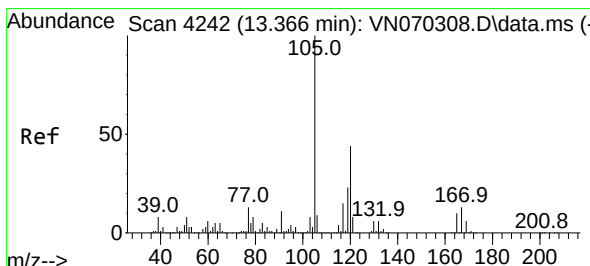
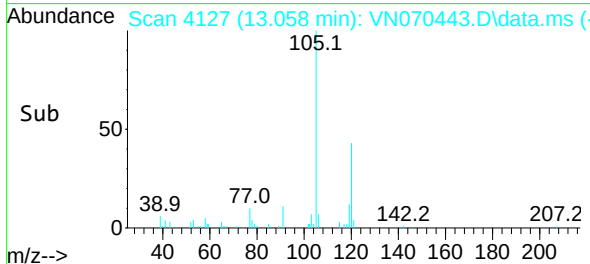
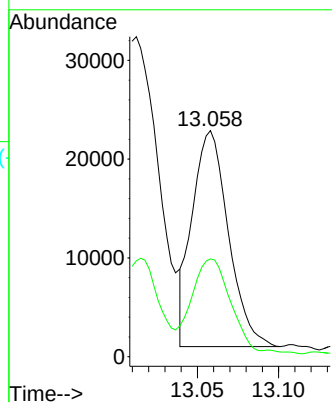
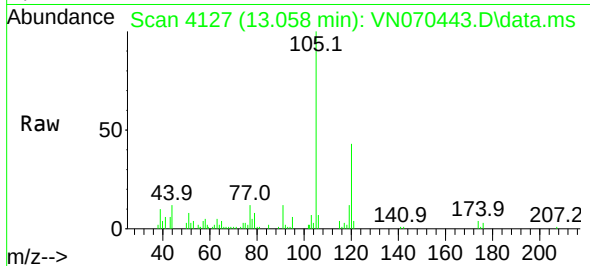




#80
 1,3,5-Trimethylbenzene
 Concen: 0.886 ug/l
 RT: 13.058 min Scan# 4127
 Delta R.T. 0.000 min
 Lab File: VN070443.D
 Acq: 3 Jan 2022 17:42

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6S

Tgt Ion:105 Resp: 33874
 Ion Ratio Lower Upper
 105 100
 120 44.2 24.6 73.6



#84
 1,2,4-Trimethylbenzene
 Concen: 4.899 ug/l
 RT: 13.366 min Scan# 4242
 Delta R.T. 0.000 min
 Lab File: VN070443.D
 Acq: 3 Jan 2022 17:42

Tgt Ion:105 Resp: 180286
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.8 68.4

