

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010622\
 Data File : VN070520.D
 Acq On : 6 Jan 2022 15:36
 Operator : JC/MD
 Sample : N1012-13
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31245

Quant Time: Jan 08 01:39:36 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)

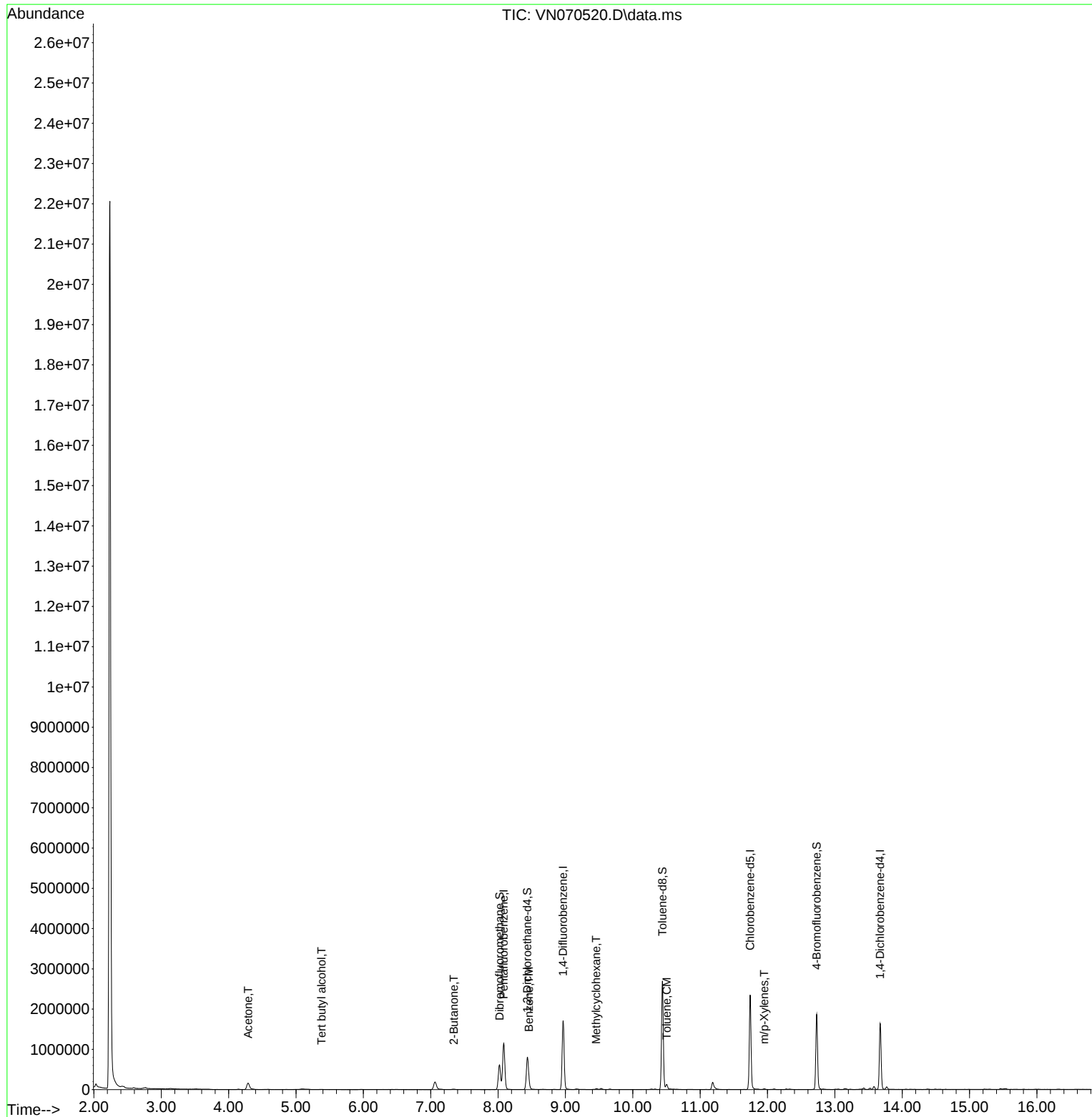
Internal Standards						
1) Pentafluorobenzene	8.083	168	883024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1494365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1348655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	461609	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	657161	51.760	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 103.520%		
35) Dibromofluoromethane	8.021	113	460803	50.964	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 101.920%		
50) Toluene-d8	10.440	98	1867556	50.562	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 101.120%		
62) 4-Bromofluorobenzene	12.731	95	685654	51.396	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 102.800%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.380	59	8652	4.093	ug/l	# 83
16) Acetone	4.288	43	308106	37.383	ug/l	97
25) 2-Butanone	7.343	43	17999	1.734	ug/l	96
39) Methylcyclohexane	9.456	83	6331	0.350	ug/l	93
40) Benzene	8.458	78	56135	1.224	ug/l	100
52) Toluene	10.502	92	48899	1.762	ug/l	95
68) m/p-Xylenes	11.953	106	6340	0.332	ug/l	100

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

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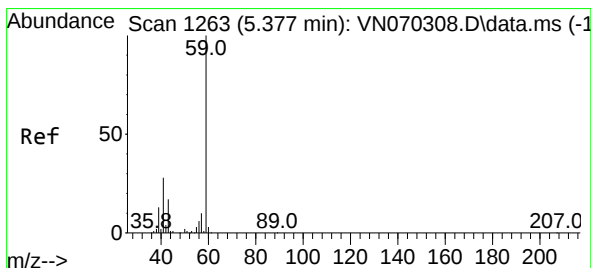
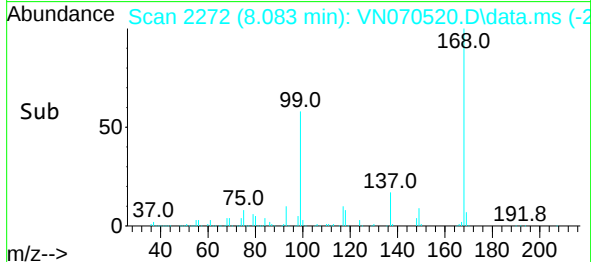
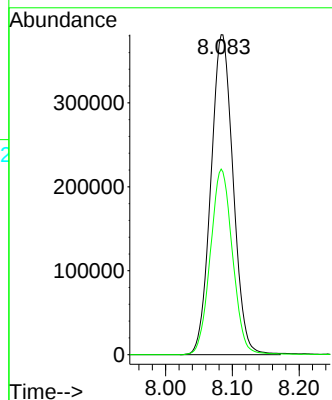
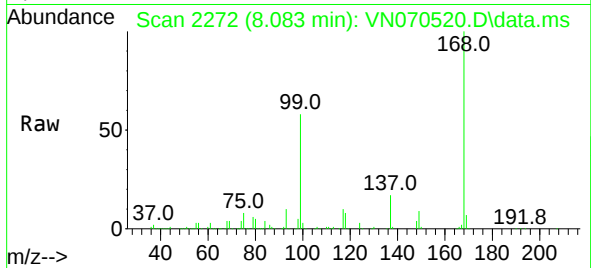




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070520.D
Acq: 6 Jan 2022 15:36

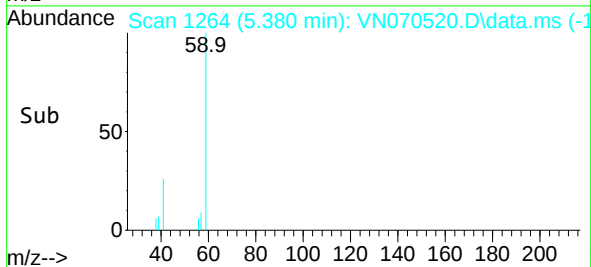
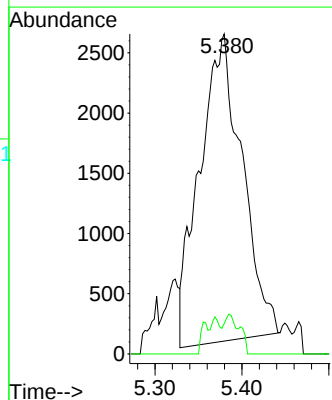
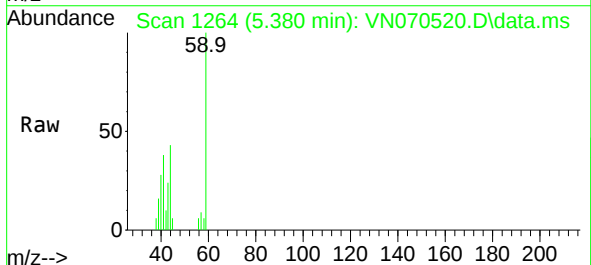
Instrument :
MSVOA_N
ClientSampleId :
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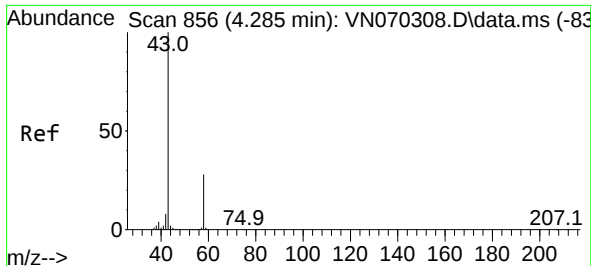
Tgt Ion:168 Resp: 883024
Ion Ratio Lower Upper
168 100
99 58.0 41.3 61.9



#11
Tert butyl alcohol
Concen: 4.093 ug/l
RT: 5.380 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VN070520.D
Acq: 6 Jan 2022 15:36

Tgt Ion: 59 Resp: 8652
Ion Ratio Lower Upper
59 100
57 4.6 8.7 13.1#

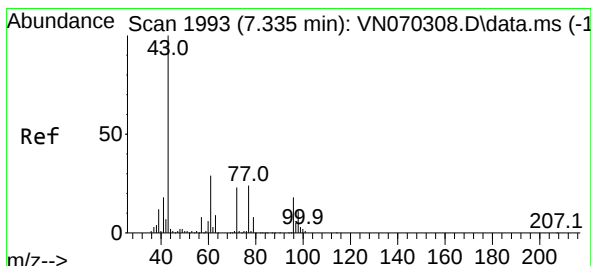
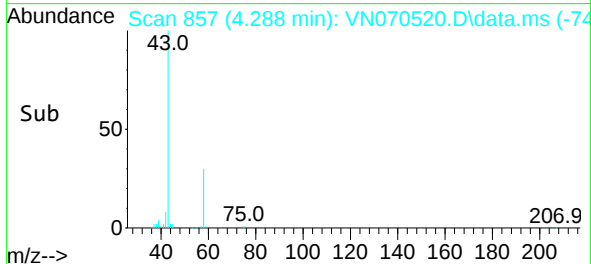
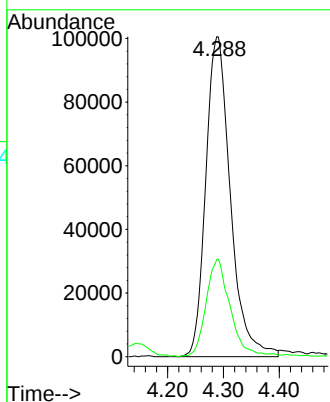
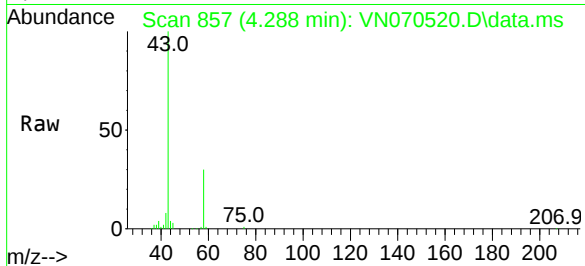




#16
Acetone
Concen: 37.383 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070520.D
Acq: 6 Jan 2022 15:36

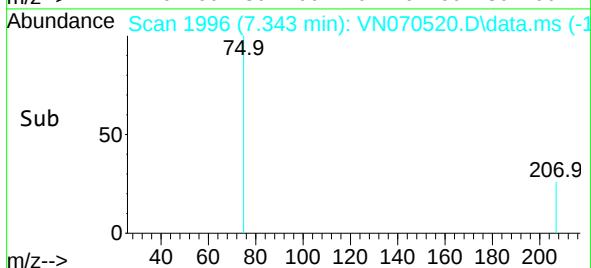
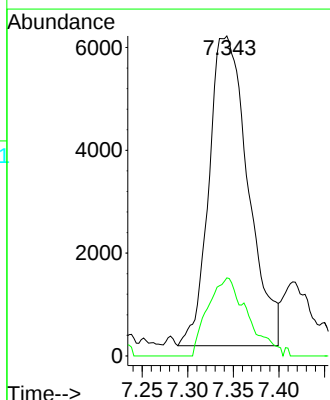
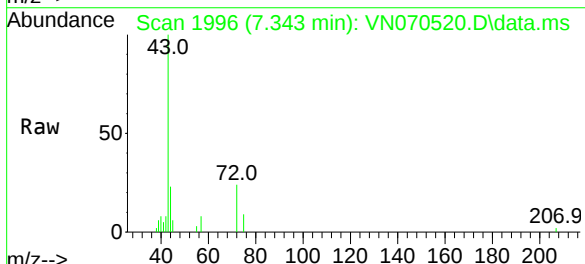
Instrument :
MSVOA_N
ClientSampleId :
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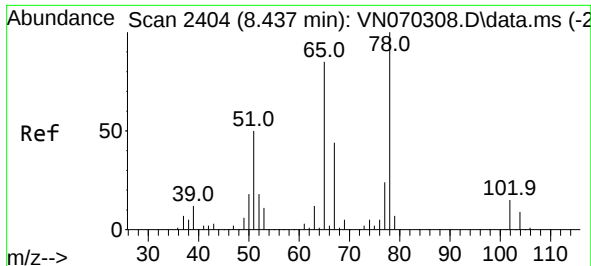
Tgt Ion: 43 Resp: 308106
Ion Ratio Lower Upper
43 100
58 30.4 23.1 34.7



#25
2-Butanone
Concen: 1.734 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.008 min
Lab File: VN070520.D
Acq: 6 Jan 2022 15:36

Tgt Ion: 43 Resp: 17999
Ion Ratio Lower Upper
43 100
72 25.2 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 51.760 ug/l

RT: 8.434 min Scan# 2404

Delta R.T. -0.003 min

Lab File: VN070520.D

Acq: 6 Jan 2022 15:36

Instrument :

MSVOA_N

ClientSampleId :

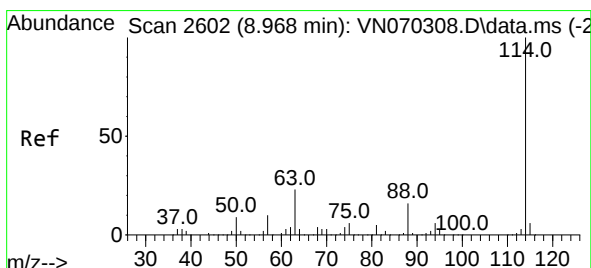
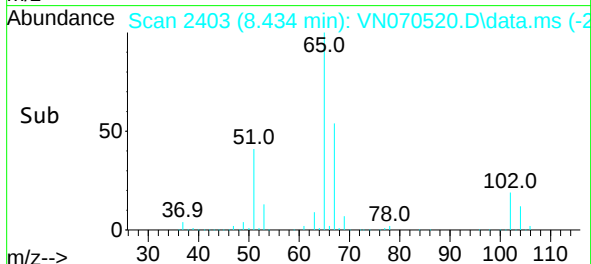
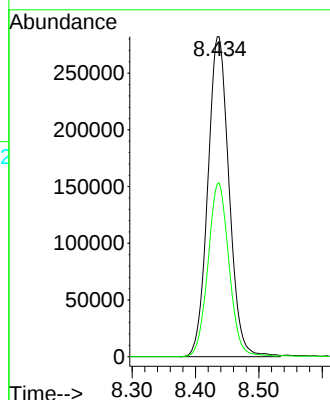
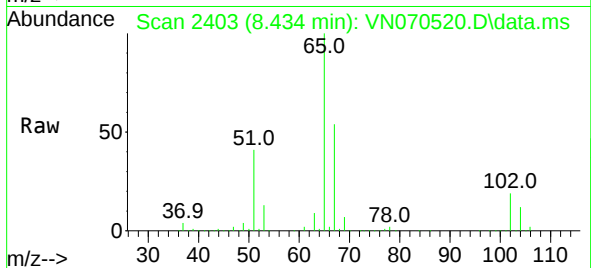
31245

Tgt Ion: 65 Resp: 657161

Ion Ratio Lower Upper

65 100

67 53.7 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: VN070520.D

Acq: 6 Jan 2022 15:36

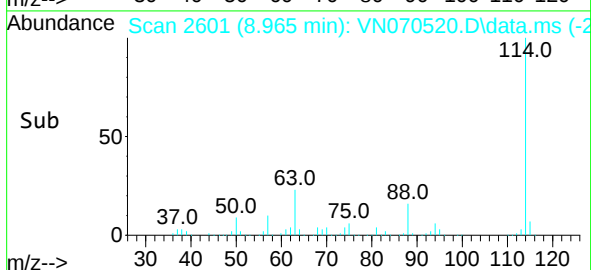
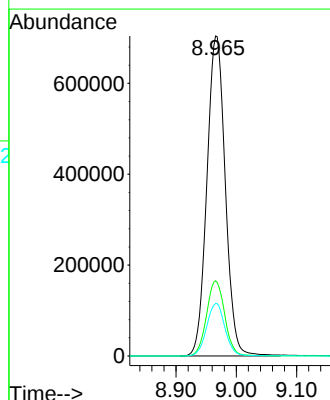
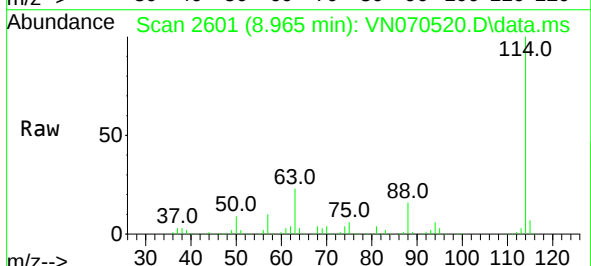
Tgt Ion: 114 Resp: 1494365

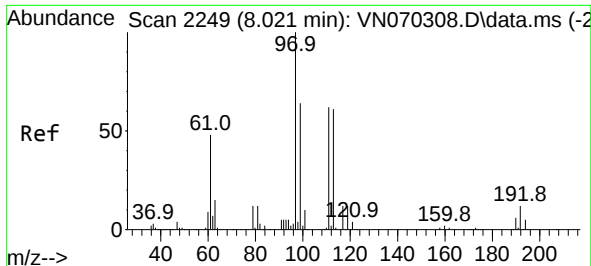
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

88 16.4 0.0 27.4

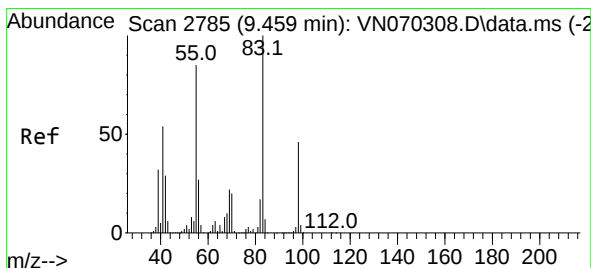
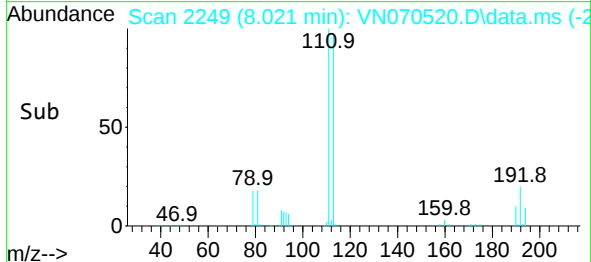
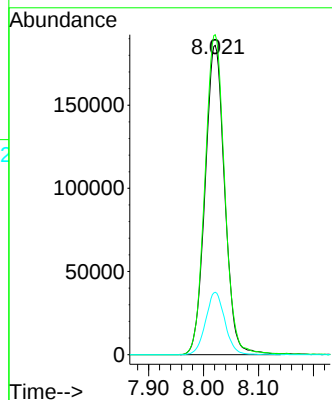
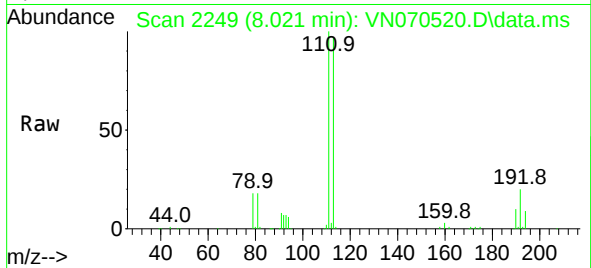




#35
Dibromofluoromethane
Concen: 50.964 ug/l
RT: 8.021 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN070520.D
Acq: 6 Jan 2022 15:36

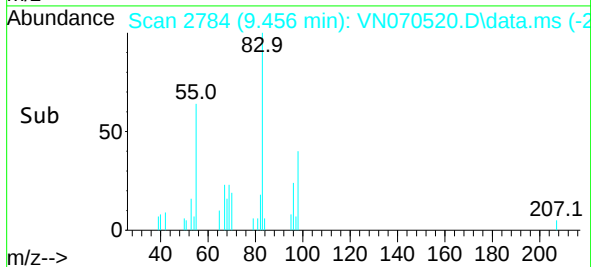
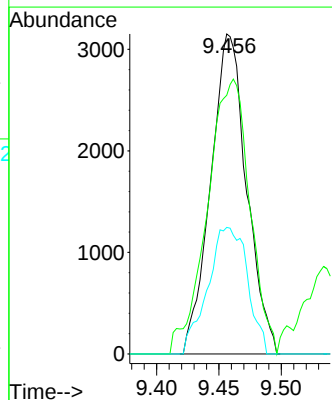
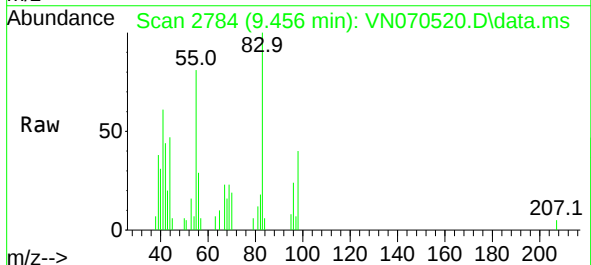
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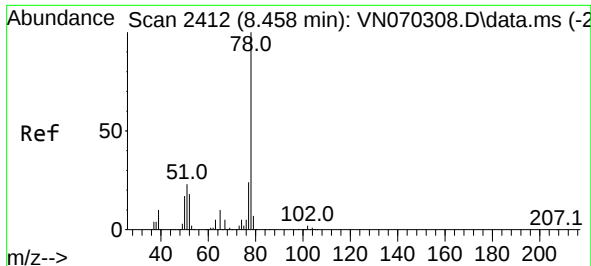
Tgt Ion:113 Resp: 460803
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.2
192 19.8 16.9 25.3



#39
Methylcyclohexane
Concen: 0.350 ug/l
RT: 9.456 min Scan# 2784
Delta R.T. -0.003 min
Lab File: VN070520.D
Acq: 6 Jan 2022 15:36

Tgt Ion: 83 Resp: 6331
Ion Ratio Lower Upper
83 100
55 75.7 58.1 87.1
98 39.5 38.4 57.6

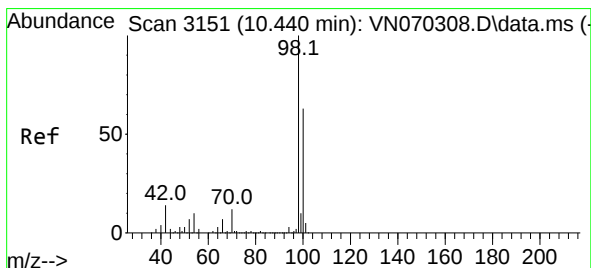
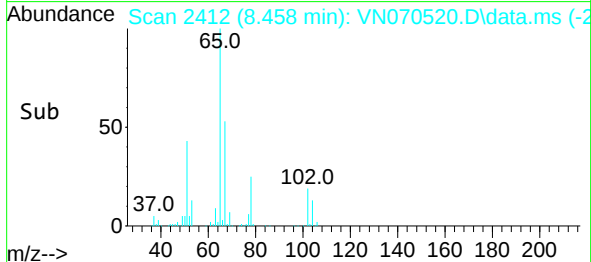
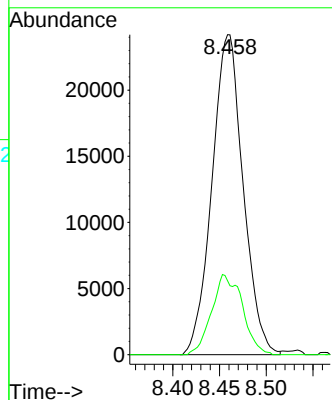
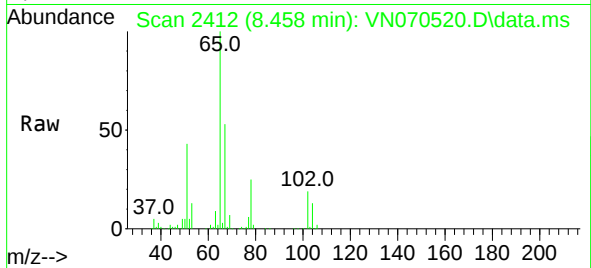




#40
Benzene
Concen: 1.224 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. 0.000 min
Lab File: VN070520.D
Acq: 6 Jan 2022 15:36

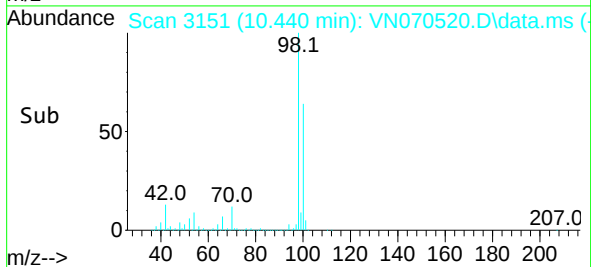
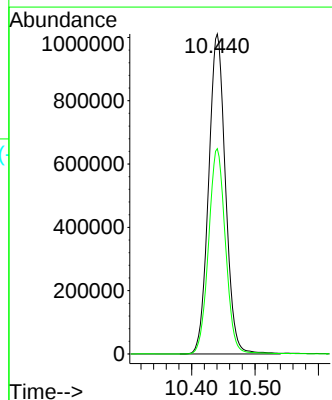
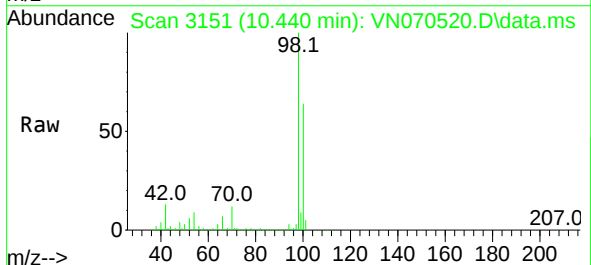
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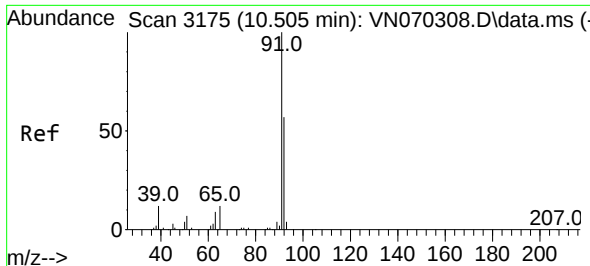
Tgt Ion: 78 Resp: 56135
Ion Ratio Lower Upper
78 100
77 23.1 18.6 27.8



#50
Toluene-d8
Concen: 50.562 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070520.D
Acq: 6 Jan 2022 15:36

Tgt Ion: 98 Resp: 1867556
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6

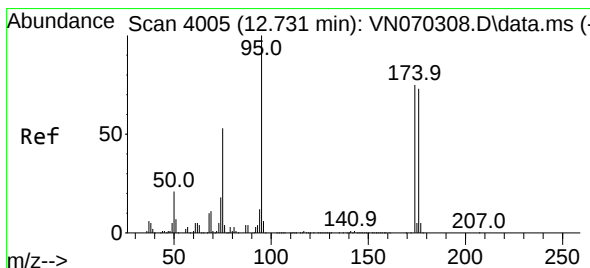
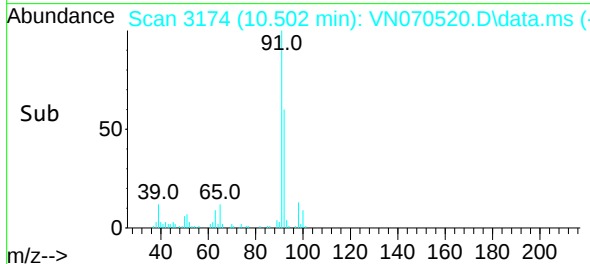
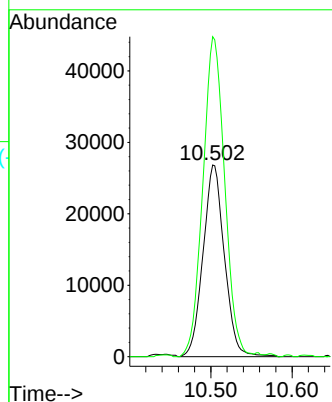
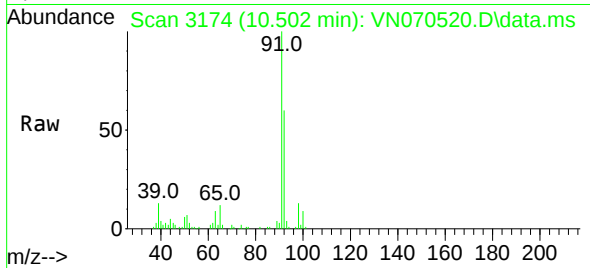




#52
Toluene
Concen: 1.762 ug/l
RT: 10.502 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070520.D
Acq: 6 Jan 2022 15:36

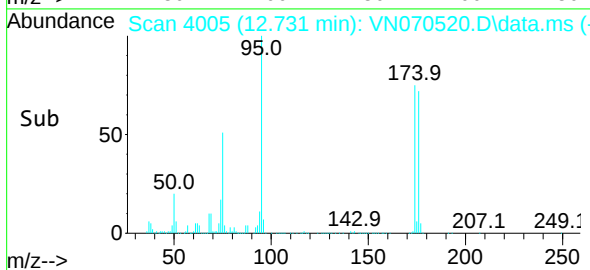
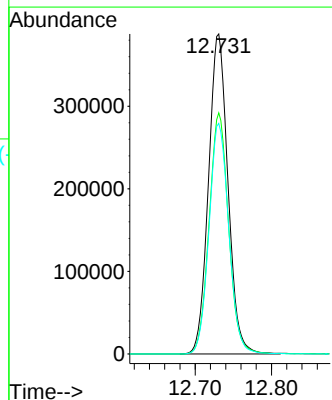
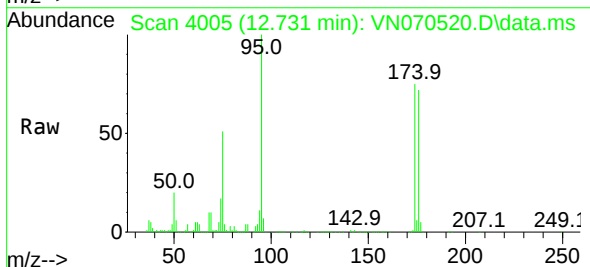
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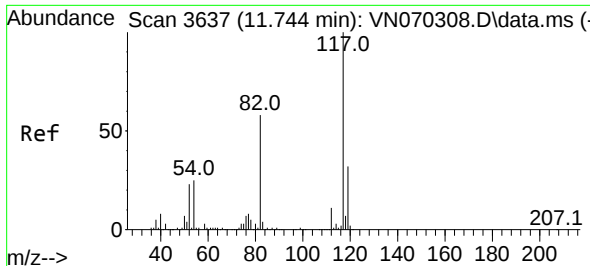
Tgt Ion: 92 Resp: 48899
Ion Ratio Lower Upper
92 100
91 170.6 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 51.396 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070520.D
Acq: 6 Jan 2022 15:36

Tgt Ion: 95 Resp: 685654
Ion Ratio Lower Upper
95 100
174 75.5 0.0 187.2
176 73.1 0.0 181.4

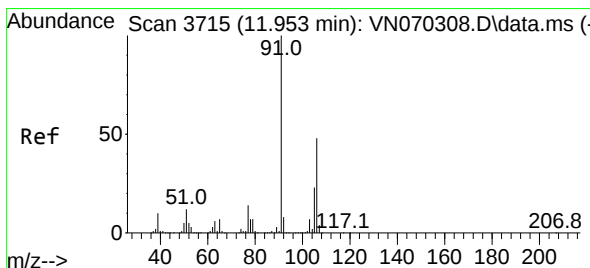
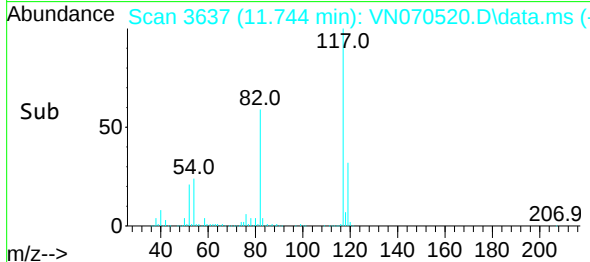
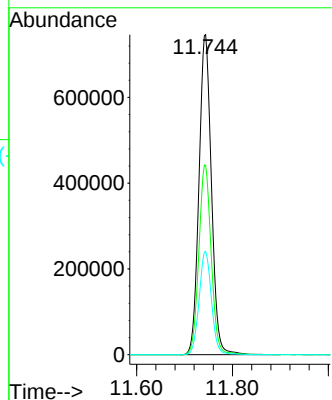
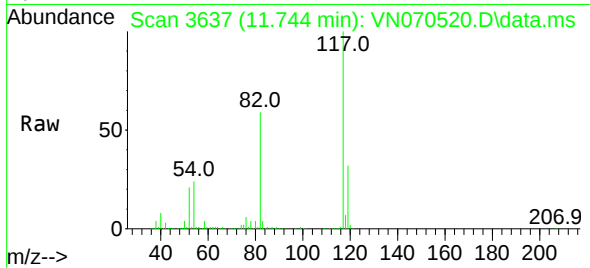




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070520.D
Acq: 6 Jan 2022 15:36

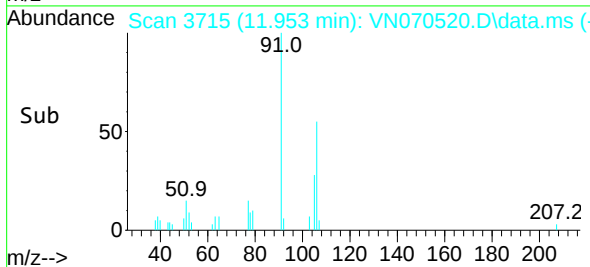
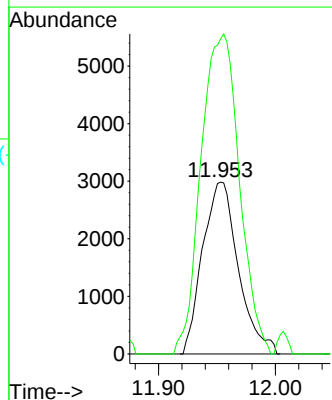
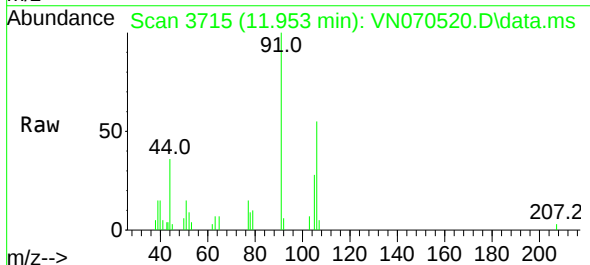
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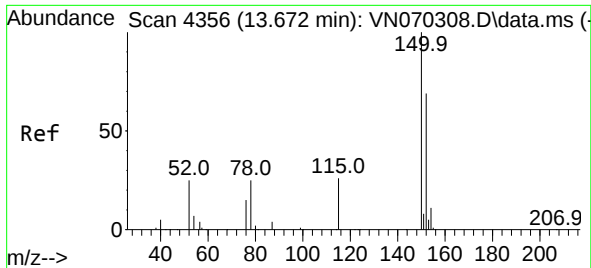
Tgt Ion:117 Resp: 1348655
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 32.2 25.4 38.2



#68
m/p-Xylenes
Concen: 0.332 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070520.D
Acq: 6 Jan 2022 15:36

Tgt Ion:106 Resp: 6340
Ion Ratio Lower Upper
106 100
91 200.3 160.6 240.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.672 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN070520.D

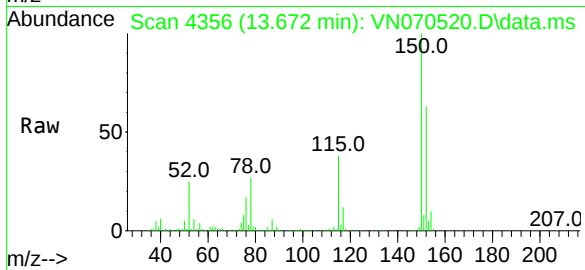
Acq: 6 Jan 2022 15:36

Instrument :

MSVOA_N

ClientSampleId :

31245



Tgt Ion:152 Resp: 461609

Ion Ratio Lower Upper

152 100

115 60.5 27.5 82.5

150 159.2 0.0 344.4

