

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010622\
 Data File : VN070521.D
 Acq On : 6 Jan 2022 16:02
 Operator : JC/MD
 Sample : N1012-12DL 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31244DL

Quant Time: Jan 08 01:39:54 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)

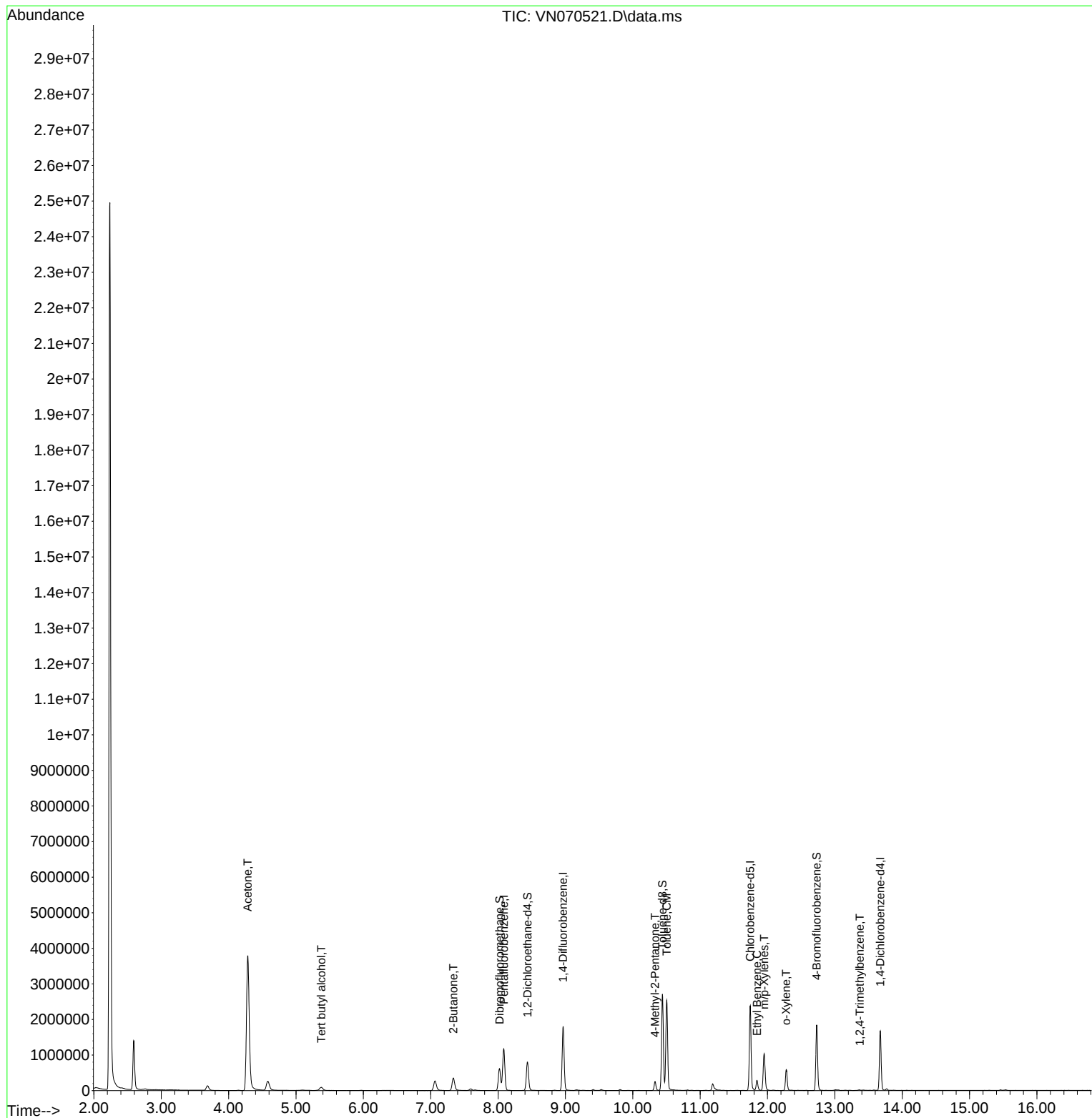
Internal Standards						
1) Pentafluorobenzene	8.086	168	920701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1547388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1396206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	474148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	662684	50.060	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.120%			
35) Dibromofluoromethane	8.021	113	468359	50.025	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.060%			
50) Toluene-d8	10.440	98	1898509	49.639	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.280%			
62) 4-Bromofluorobenzene	12.731	95	691854	50.084	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.160%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.377	59	166097	75.355	ug/l	98
16) Acetone	4.283	43	7230224	841.362	ug/l	98
25) 2-Butanone	7.335	43	626313	57.883	ug/l	91
51) 4-Methyl-2-Pentanone	10.330	43	192221	9.665	ug/l	95
52) Toluene	10.505	92	1131866	39.382	ug/l	98
67) Ethyl Benzene	11.843	91	202935	3.739	ug/l	96
68) m/p-Xylenes	11.950	106	341058	17.262	ug/l	94
69) o-Xylene	12.277	106	161353	8.210	ug/l	91
84) 1,2,4-Trimethylbenzene	13.369	105	9087	0.267	ug/l	83

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

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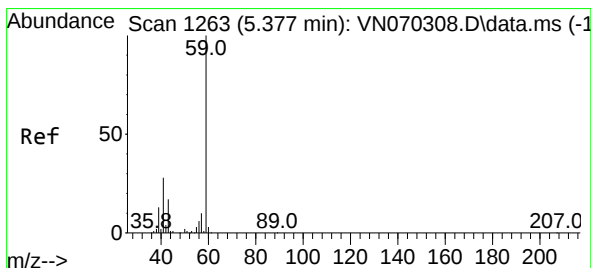
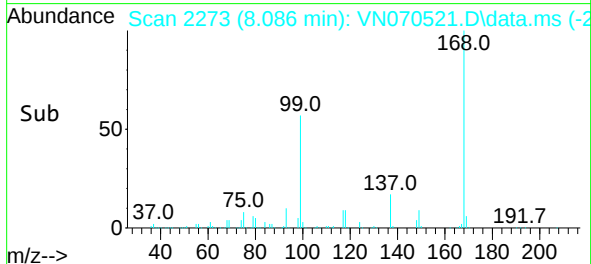
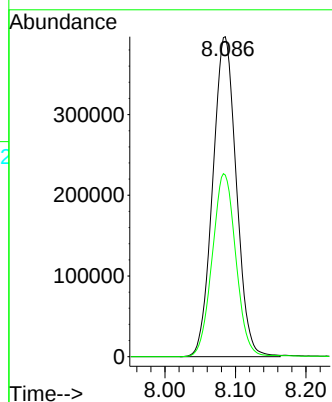
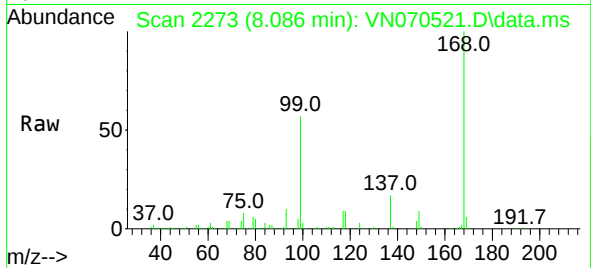




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070521.D
Acq: 6 Jan 2022 16:02

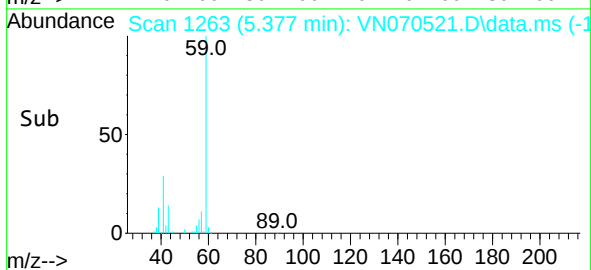
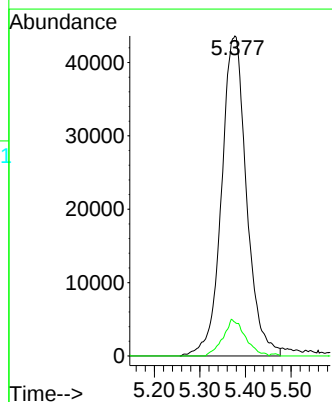
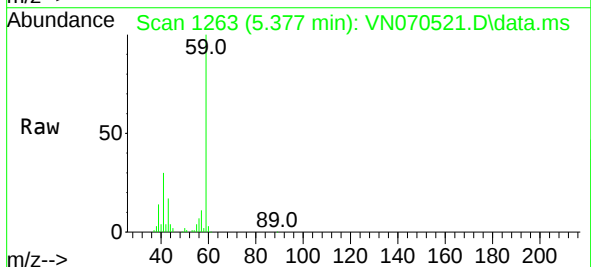
Instrument :
MSVOA_N
ClientSampleId :
31244DL

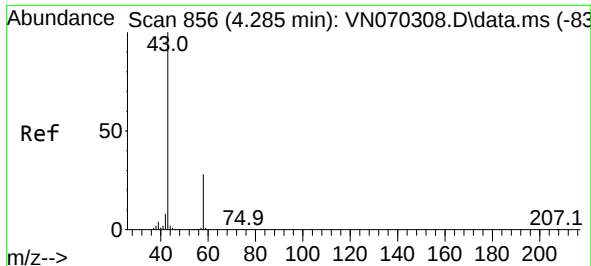
Tgt Ion:168 Resp: 920701
Ion Ratio Lower Upper
168 100
99 56.7 41.3 61.9



#11
Tert butyl alcohol
Concen: 75.355 ug/l
RT: 5.377 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VN070521.D
Acq: 6 Jan 2022 16:02

Tgt Ion: 59 Resp: 166097
Ion Ratio Lower Upper
59 100
57 10.0 8.7 13.1

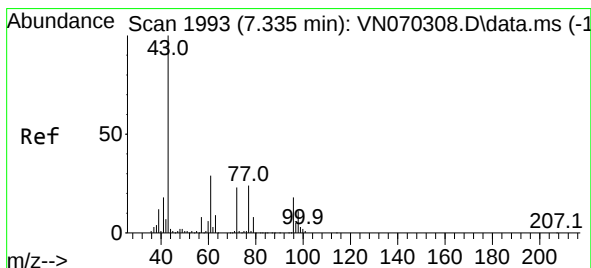
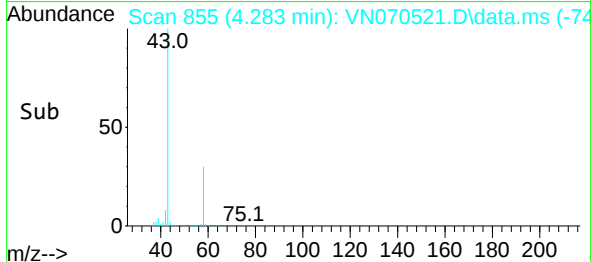
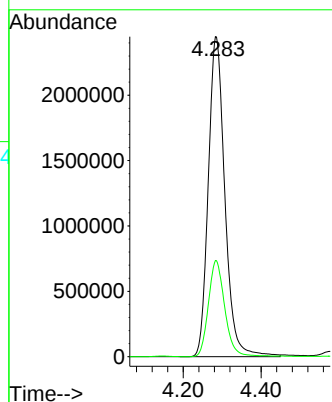
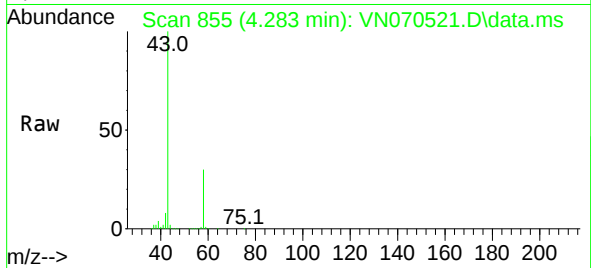




#16
Acetone
Concen: 841.362 ug/l
RT: 4.283 min Scan# 81
Delta R.T. -0.002 min
Lab File: VN070521.D
Acq: 6 Jan 2022 16:02

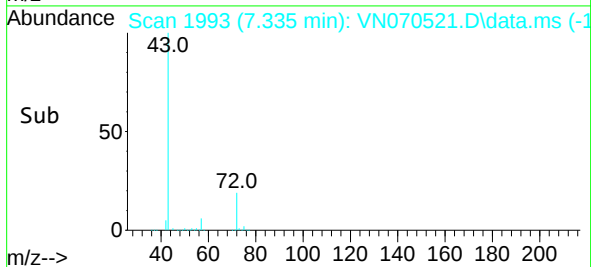
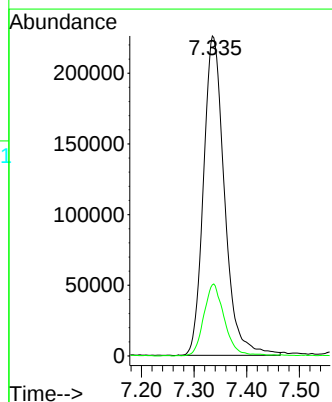
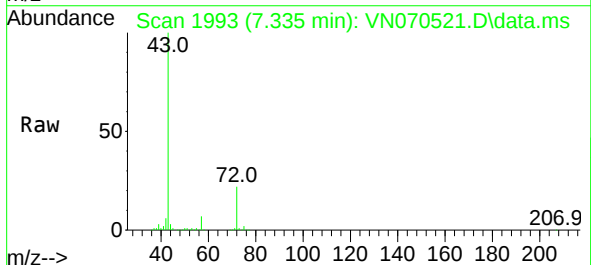
Instrument :
MSVOA_N
ClientSampleId :
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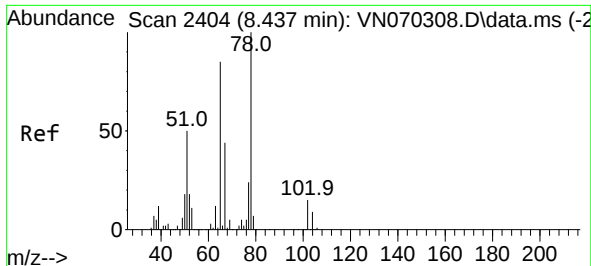
Tgt Ion: 43 Resp: 7230224
Ion Ratio Lower Upper
43 100
58 30.0 23.1 34.7



#25
2-Butanone
Concen: 57.883 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN070521.D
Acq: 6 Jan 2022 16:02

Tgt Ion: 43 Resp: 626313
Ion Ratio Lower Upper
43 100
72 22.2 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 50.060 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. -0.000 min

Lab File: VN070521.D

Acq: 6 Jan 2022 16:02

Instrument :

MSVOA_N

ClientSampleId :

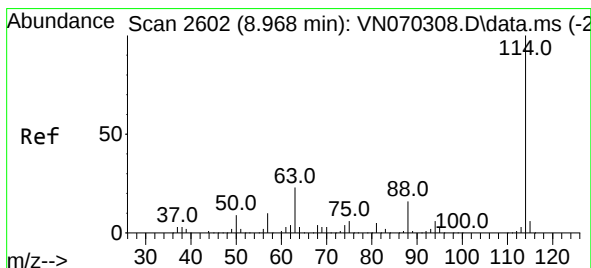
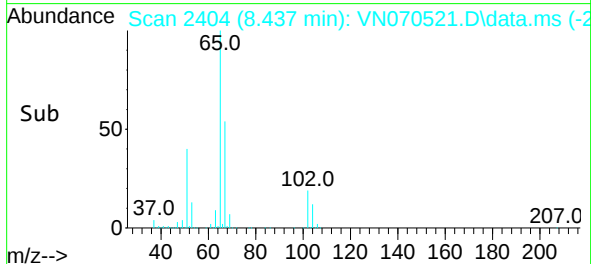
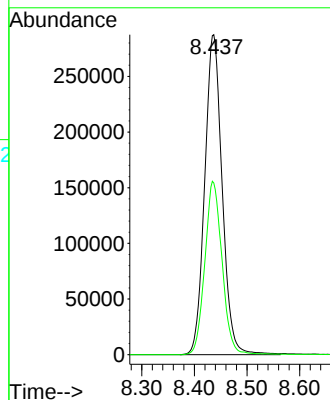
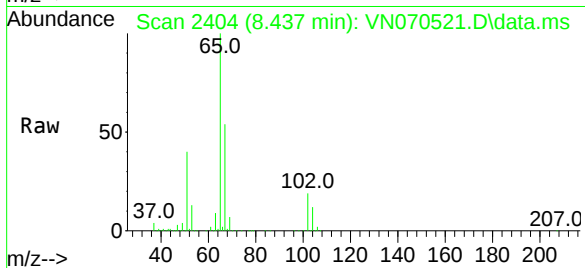
31244DL

Tgt Ion: 65 Resp: 662684

Ion Ratio Lower Upper

65 100

67 53.3 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: VN070521.D

Acq: 6 Jan 2022 16:02

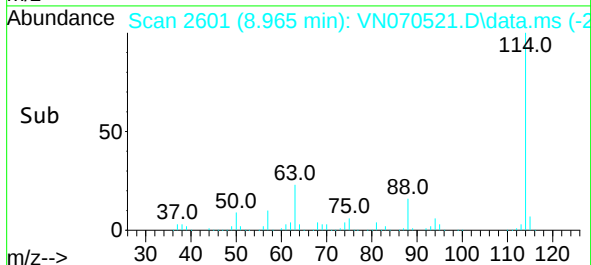
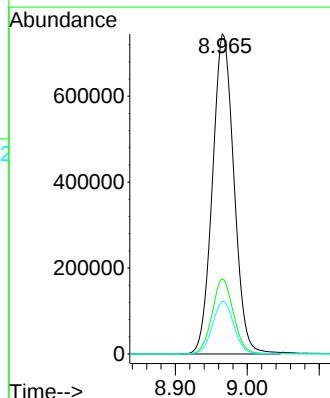
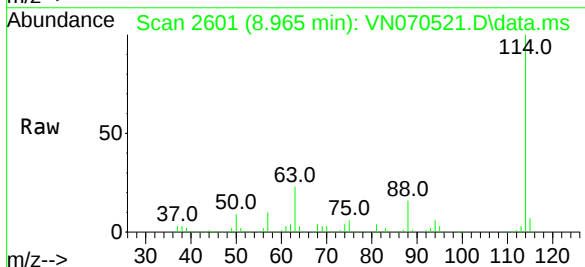
Tgt Ion: 114 Resp: 1547388

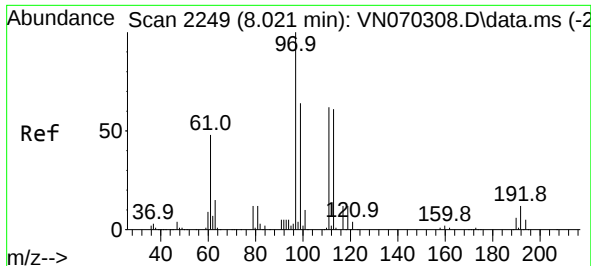
Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

88 16.4 0.0 27.4

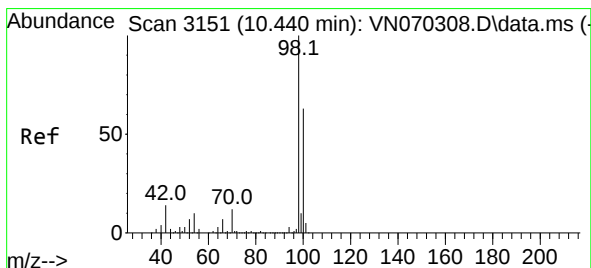
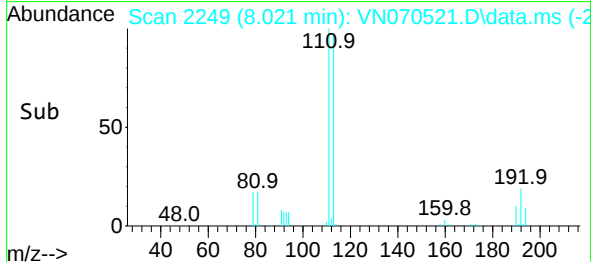
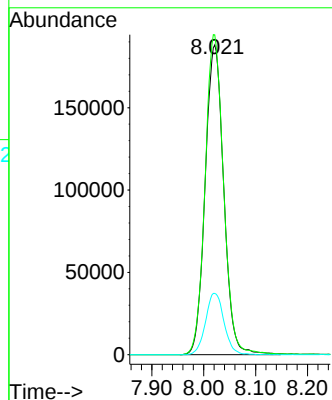
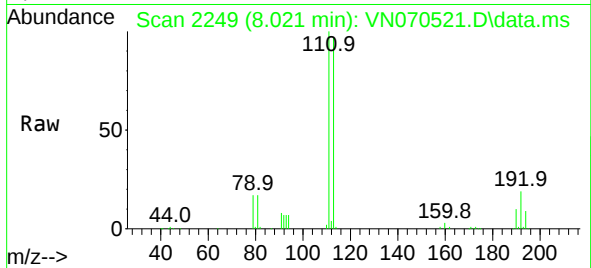




#35
 Dibromofluoromethane
 Concen: 50.025 ug/l
 RT: 8.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN070521.D
 Acq: 6 Jan 2022 16:02

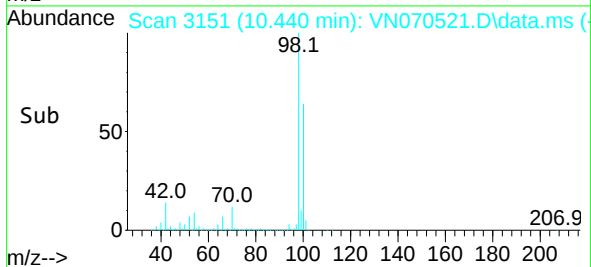
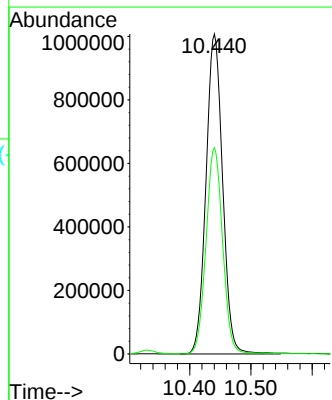
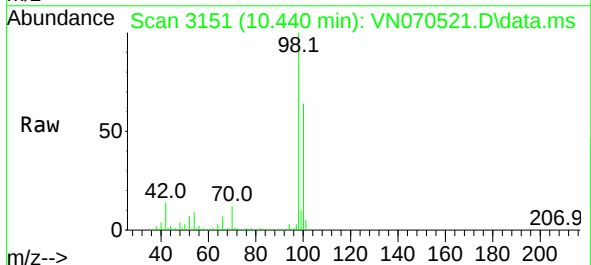
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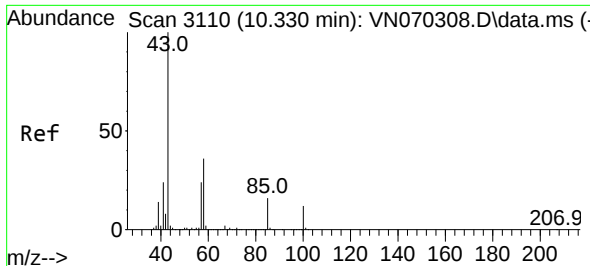
Tgt Ion:113 Resp: 468359
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.2 123.2
 192 19.6 16.9 25.3



#50
 Toluene-d8
 Concen: 49.639 ug/l
 RT: 10.440 min Scan# 3151
 Delta R.T. 0.000 min
 Lab File: VN070521.D
 Acq: 6 Jan 2022 16:02

Tgt Ion: 98 Resp: 1898509
 Ion Ratio Lower Upper
 98 100
 100 64.5 50.4 75.6

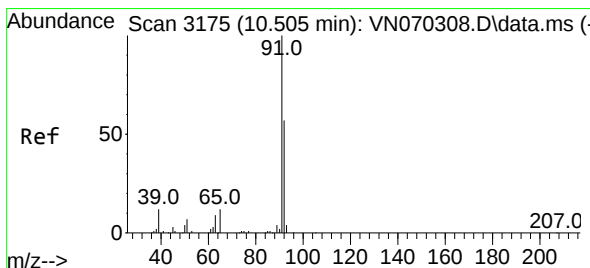
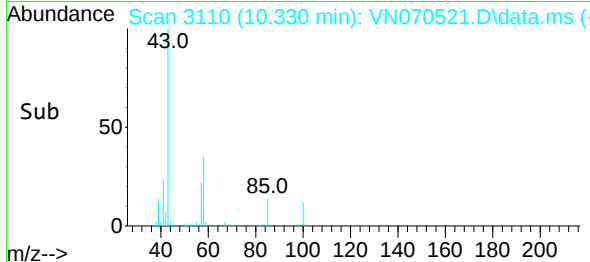
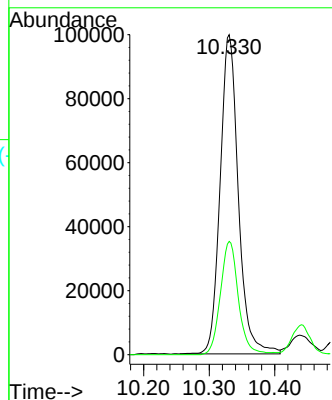
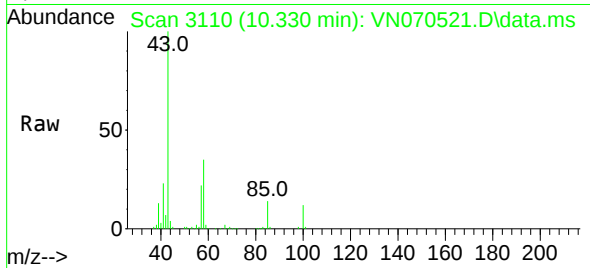




#51
4-Methyl-2-Pentanone
Concen: 9.665 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN070521.D
Acq: 6 Jan 2022 16:02

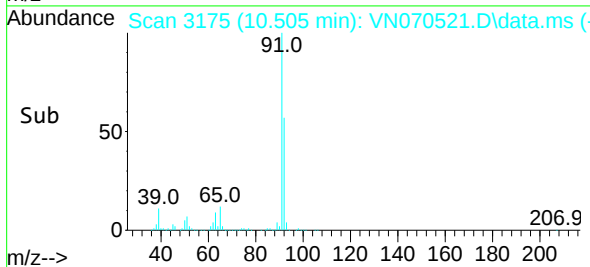
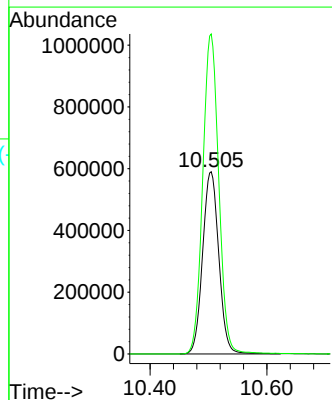
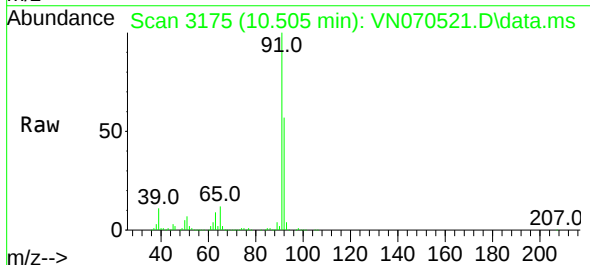
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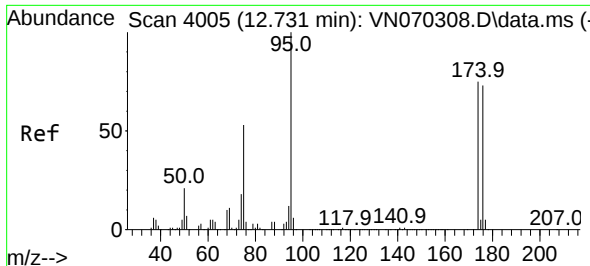
Tgt Ion: 43 Resp: 192221
Ion Ratio Lower Upper
43 100
58 35.0 30.4 45.6



#52
Toluene
Concen: 39.382 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070521.D
Acq: 6 Jan 2022 16:02

Tgt Ion: 92 Resp: 1131866
Ion Ratio Lower Upper
92 100
91 174.3 142.0 213.0

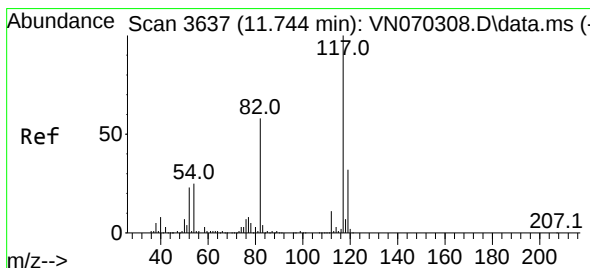
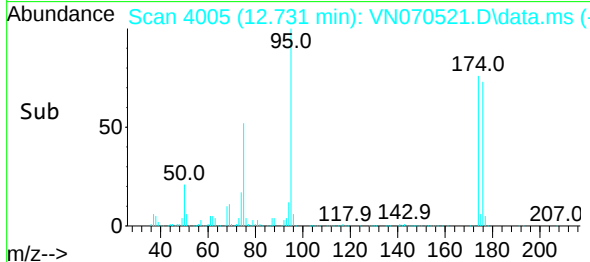
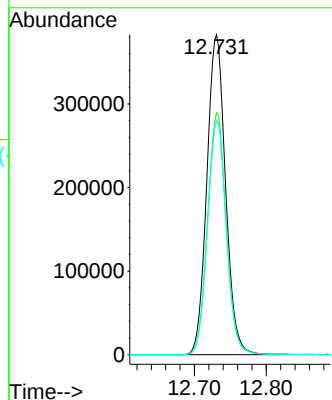
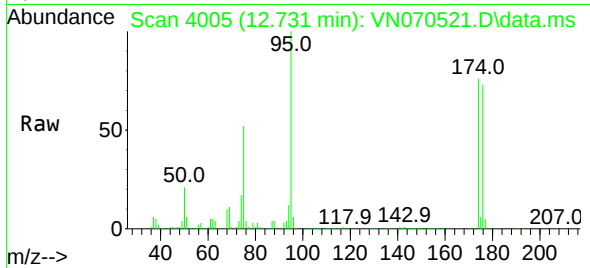




#62
4-Bromofluorobenzene
Concen: 50.084 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070521.D
Acq: 6 Jan 2022 16:02

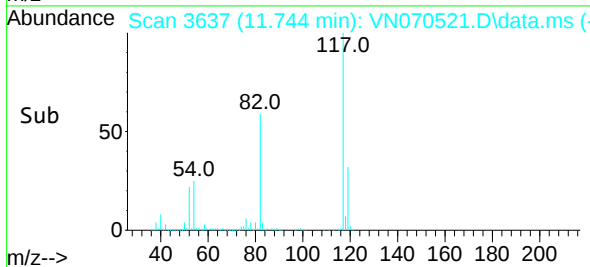
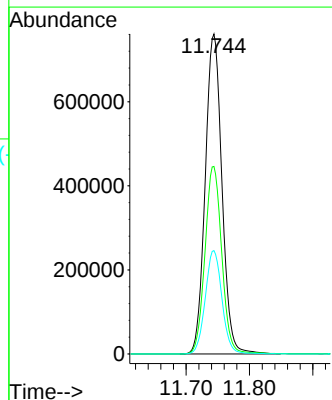
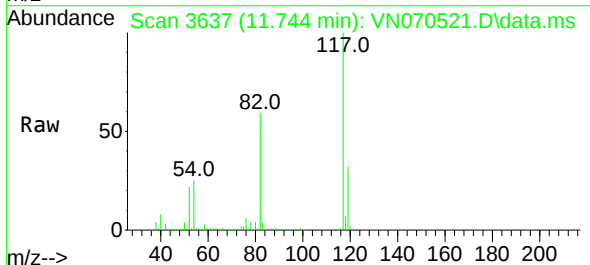
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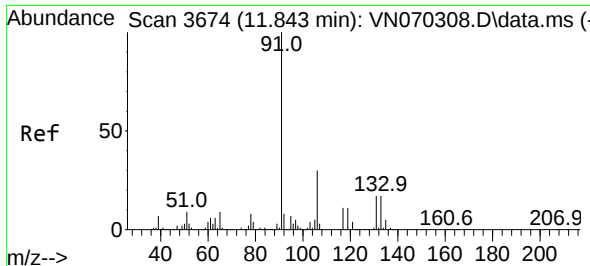
Tgt Ion: 95 Resp: 691854
Ion Ratio Lower Upper
95 100
174 75.8 0.0 187.2
176 73.1 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070521.D
Acq: 6 Jan 2022 16:02

Tgt Ion: 117 Resp: 1396206
Ion Ratio Lower Upper
117 100
82 58.6 42.4 63.6
119 32.3 25.4 38.2

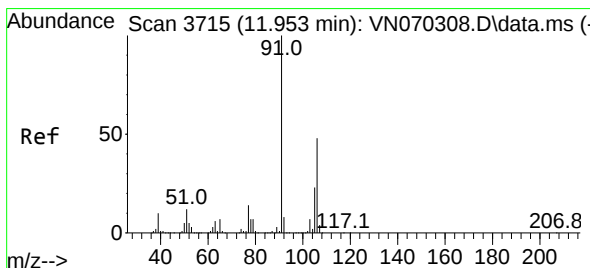
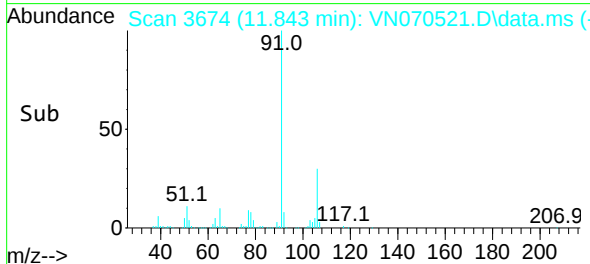
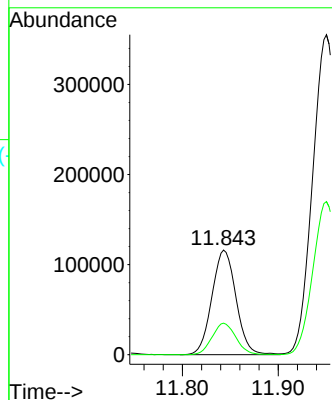
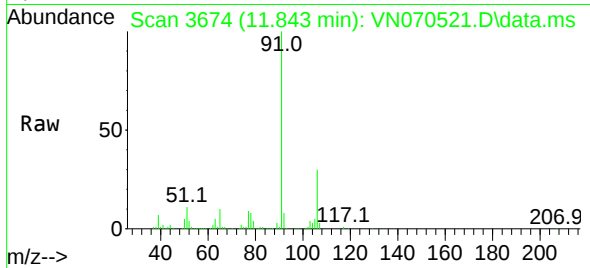




#67
Ethyl Benzene
Concen: 3.739 ug/l
RT: 11.843 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN070521.D
Acq: 6 Jan 2022 16:02

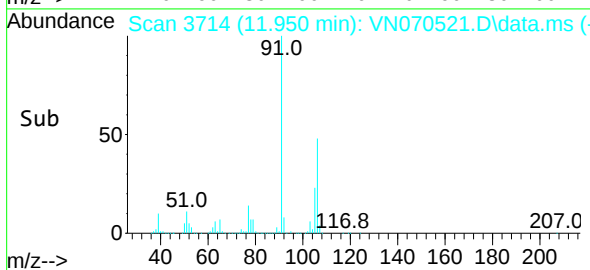
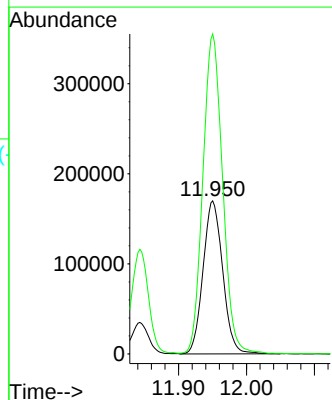
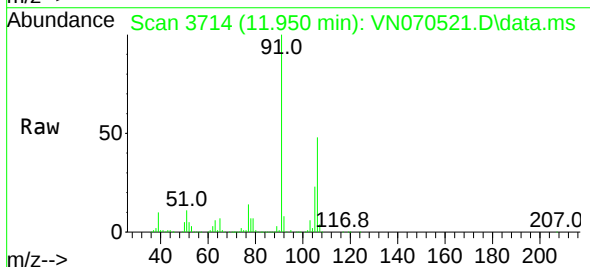
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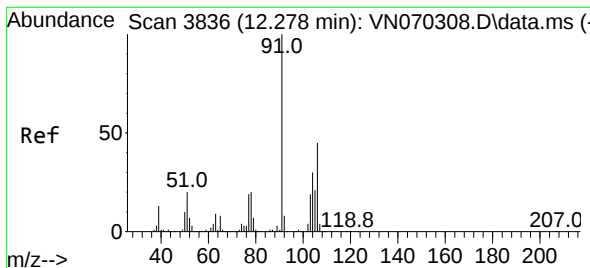
Tgt Ion: 91 Resp: 202935
Ion Ratio Lower Upper
91 100
106 30.1 25.7 38.5



#68
m/p-Xylenes
Concen: 17.262 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070521.D
Acq: 6 Jan 2022 16:02

Tgt Ion: 106 Resp: 341058
Ion Ratio Lower Upper
106 100
91 210.1 160.6 240.8





#69

o-Xylene

Concen: 8.210 ug/l

RT: 12.277 min Scan# 3836

Delta R.T. -0.001 min

Lab File: VN070521.D

Acq: 6 Jan 2022 16:02

Instrument :

MSVOA_N

ClientSampleId :

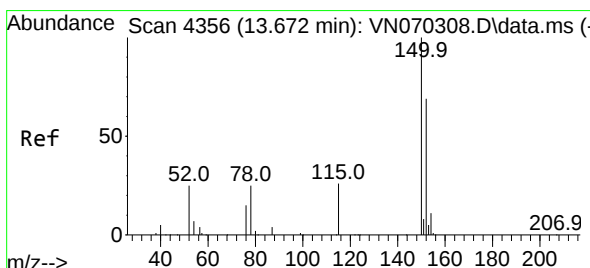
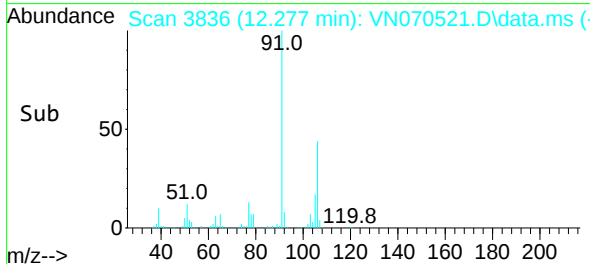
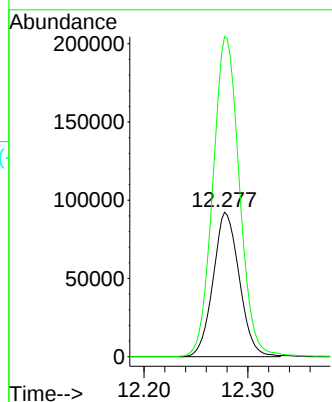
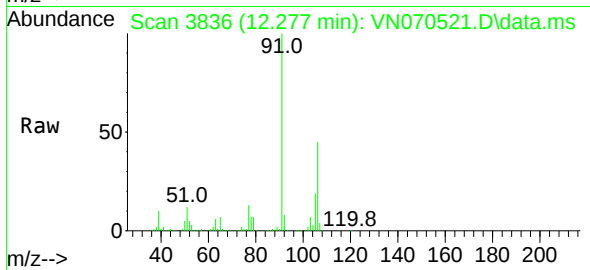
31244DL

Tgt Ion:106 Resp: 161353

Ion Ratio Lower Upper

106 100

91 226.2 105.8 317.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 4357

Delta R.T. 0.003 min

Lab File: VN070521.D

Acq: 6 Jan 2022 16:02

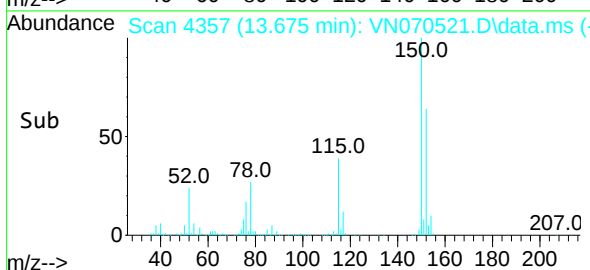
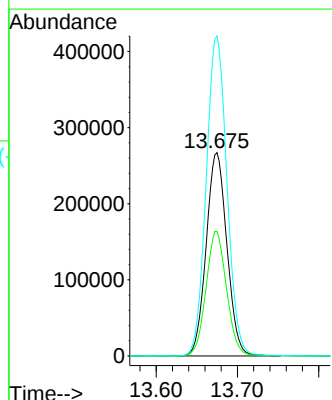
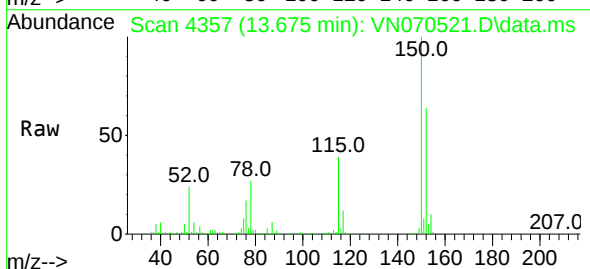
Tgt Ion:152 Resp: 474148

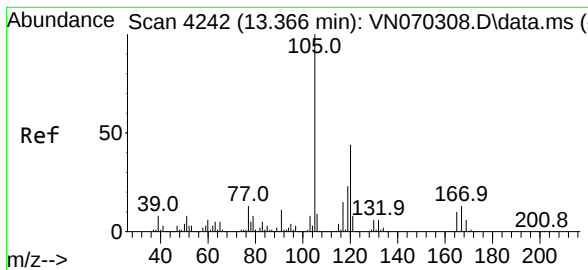
Ion Ratio Lower Upper

152 100

115 60.6 27.5 82.5

150 157.3 0.0 344.4





#84

1,2,4-Trimethylbenzene

Concen: 0.267 ug/l

RT: 13.369 min Scan# 41

Delta R.T. 0.003 min

Lab File: VN070521.D

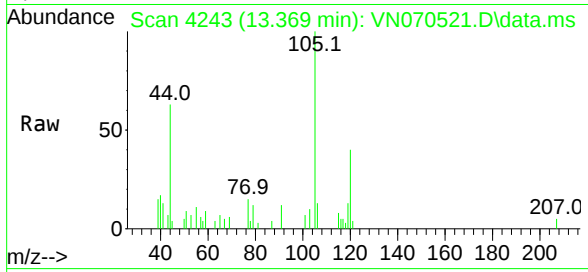
Acq: 6 Jan 2022 16:02

Instrument :

MSVOA_N

ClientSampleId :

31244DL



Tgt Ion:105 Resp: 9087

Ion Ratio Lower Upper

105 100

120 34.5 22.8 68.4

