

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
 Data File : VN069274.D
 Acq On : 29 Oct 2021 2:36
 Operator : JC/MD
 Sample : M4338-23
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RB-10202021

Quant Time: Oct 29 07:56:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	300429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	528128	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	513969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	195548	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	202448	46.681	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.360%
35) Dibromofluoromethane	8.024	113	152665	46.372	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.740%
50) Toluene-d8	10.443	98	661962	50.289	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.580%
62) 4-Bromofluorobenzene	12.733	95	239555	48.228	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.460%

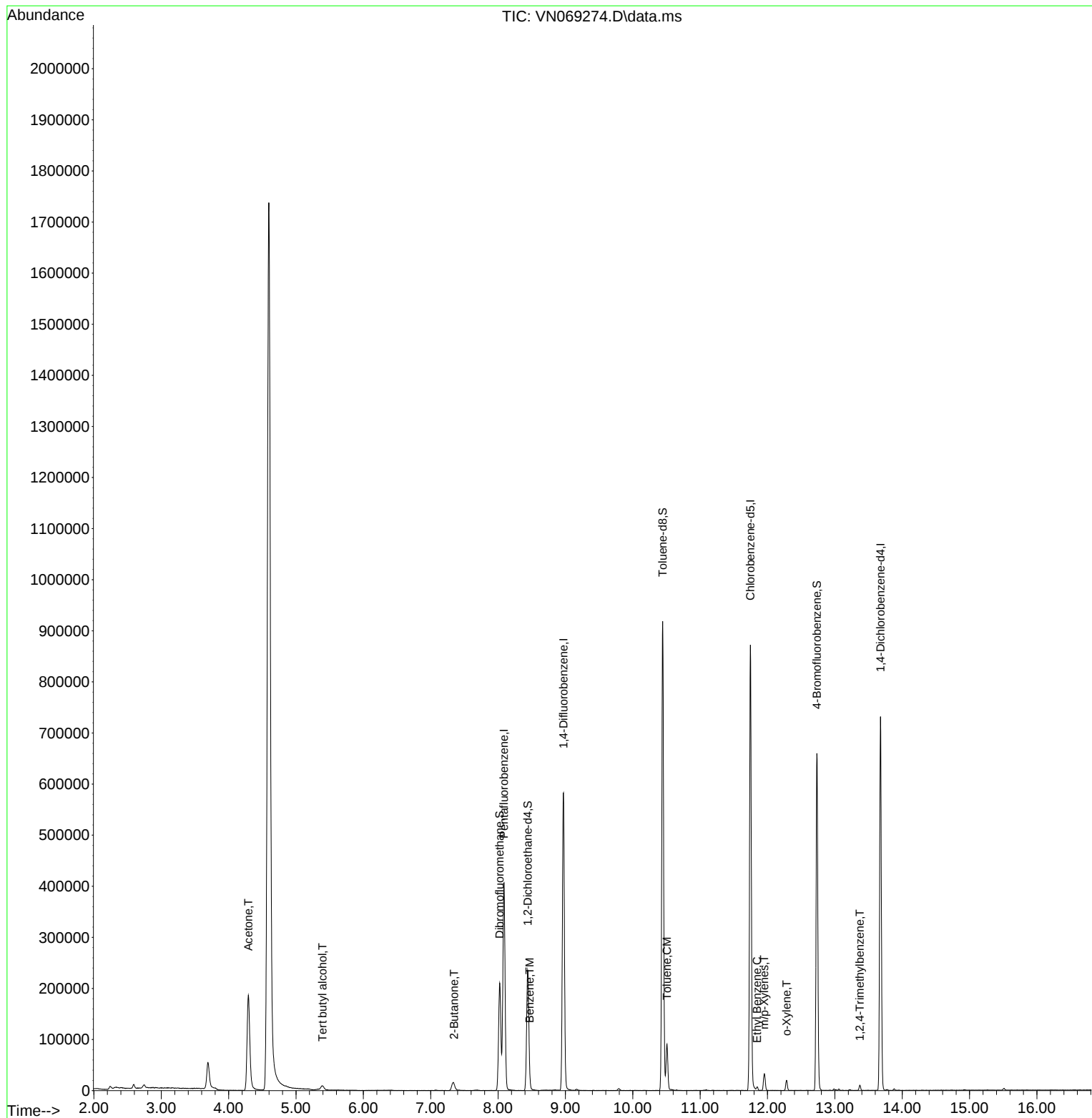
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.393	59	16367	31.780	ug/l	# 91
16) Acetone	4.293	43	349203	188.989	ug/l	100
25) 2-Butanone	7.345	43	9777	5.064	ug/l	97
40) Benzene	8.469	78	3724	0.272	ug/l	97
52) Toluene	10.507	92	37626	4.189	ug/l	97
67) Ethyl Benzene	11.846	91	5729	0.311	ug/l	95
68) m/p-Xylenes	11.953	106	10798	1.573	ug/l	93
69) o-Xylene	12.283	106	5918	0.857	ug/l	99
84) 1,2,4-Trimethylbenzene	13.372	105	6855	0.514	ug/l	98

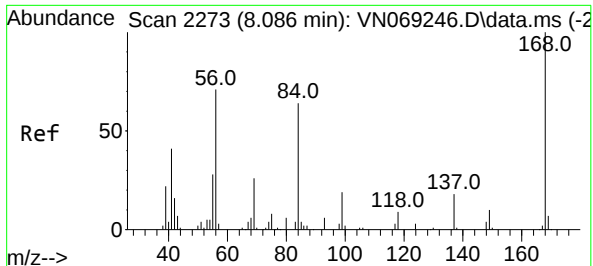
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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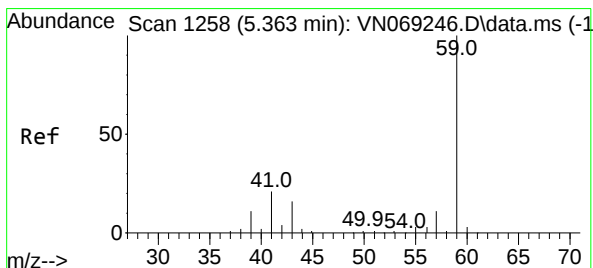
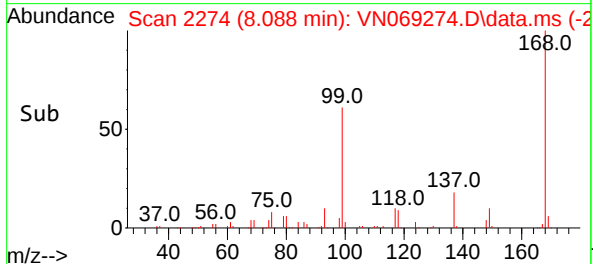
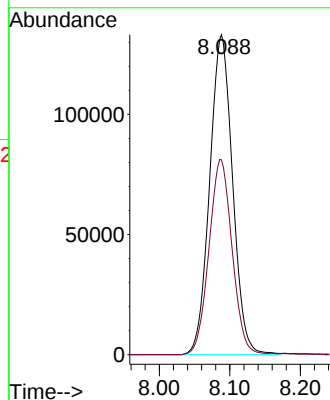
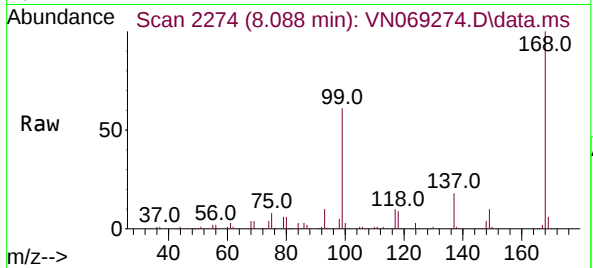




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069274.D
Acq: 29 Oct 2021 2:36

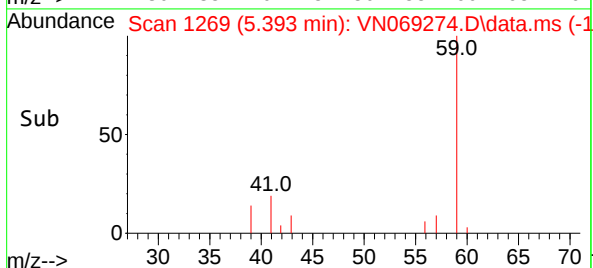
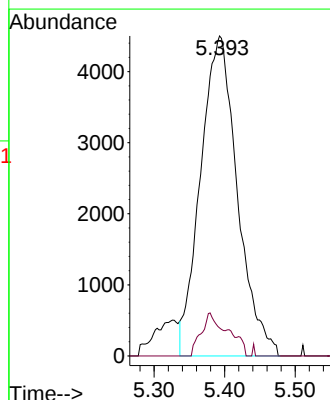
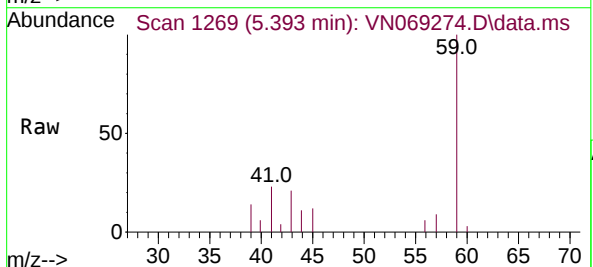
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MSVOA_N
ClientSampleId :
RB-10202021

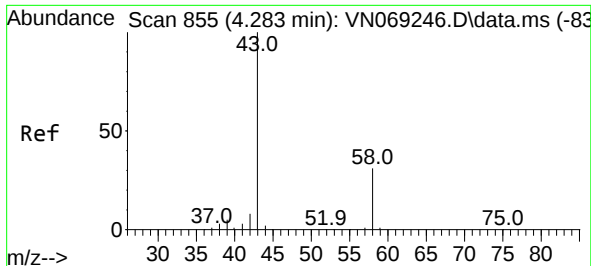
Tgt Ion:168 Resp: 300429
Ion Ratio Lower Upper
168 100
99 60.9 48.9 73.3



#11
Tert butyl alcohol
Concen: 31.780 ug/l
RT: 5.393 min Scan# 1269
Delta R.T. 0.030 min
Lab File: VN069274.D
Acq: 29 Oct 2021 2:36

Tgt Ion: 59 Resp: 16367
Ion Ratio Lower Upper
59 100
57 6.9 8.3 12.5#

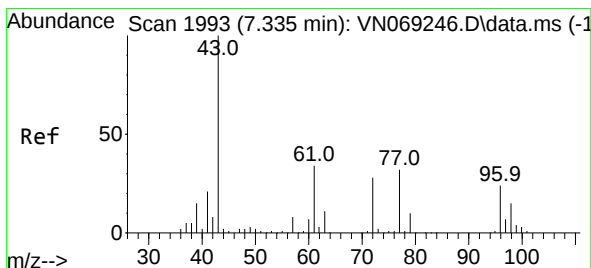
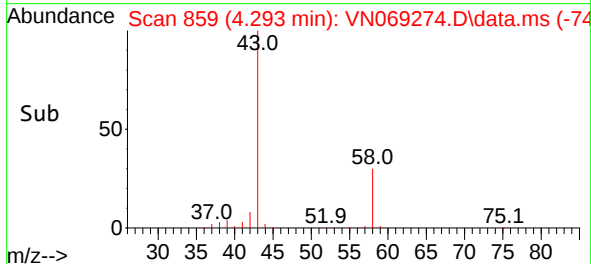
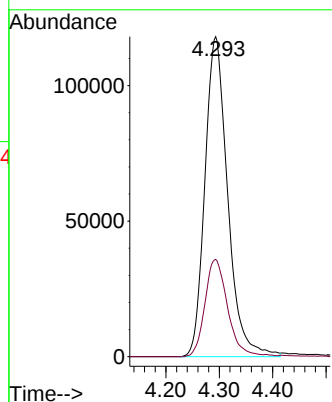
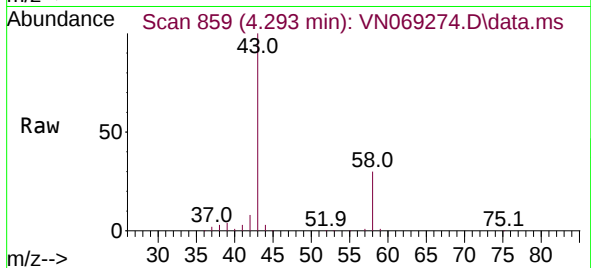




#16
Acetone
Concen: 188.989 ug/l
RT: 4.293 min Scan# 81
Delta R.T. 0.010 min
Lab File: VN069274.D
Acq: 29 Oct 2021 2:36

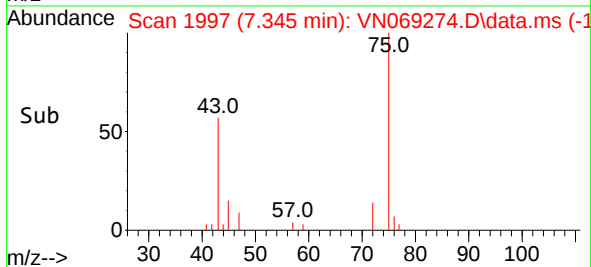
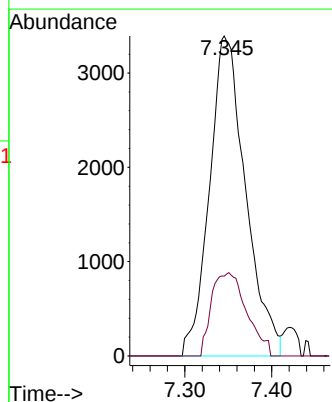
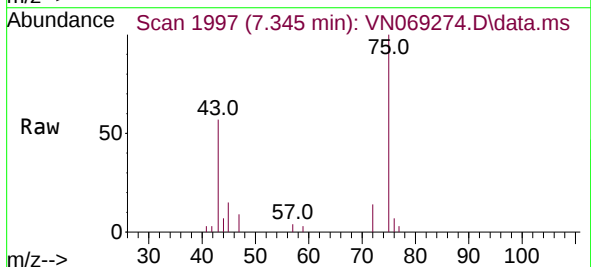
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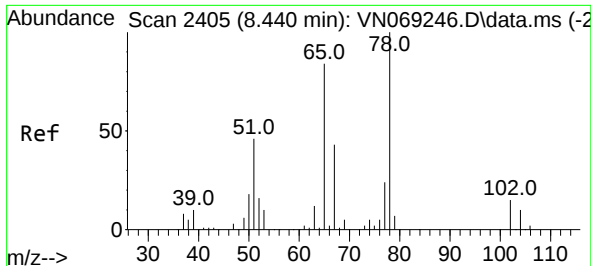
Tgt Ion: 43 Resp: 349203
Ion Ratio Lower Upper
43 100
58 30.4 24.5 36.7



#25
2-Butanone
Concen: 5.064 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.010 min
Lab File: VN069274.D
Acq: 29 Oct 2021 2:36

Tgt Ion: 43 Resp: 9777
Ion Ratio Lower Upper
43 100
72 24.9 21.2 31.8





#33

1,2-Dichloroethane-d4

Concen: 46.681 ug/l

RT: 8.440 min Scan# 24

Delta R.T. -0.000 min

Lab File: VN069274.D

Acq: 29 Oct 2021 2:36

Instrument :

MSVOA_N

ClientSampleId :

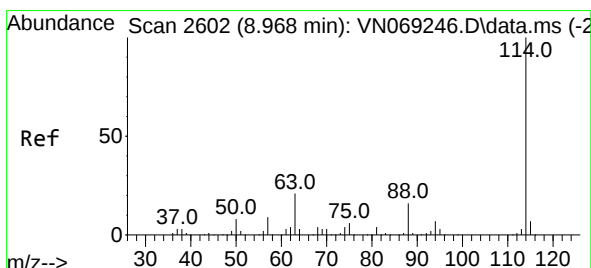
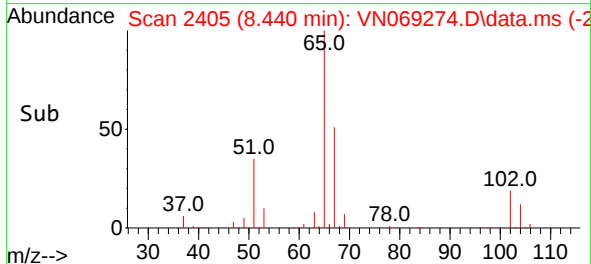
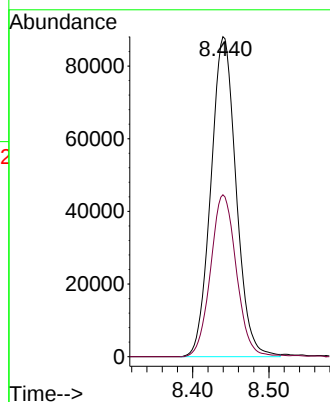
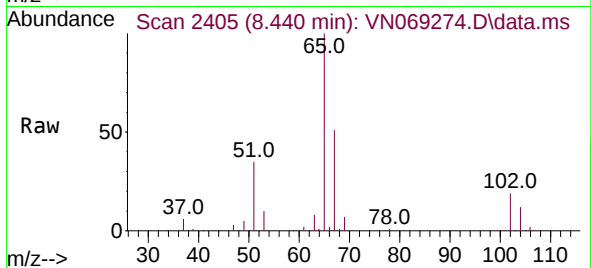
RB-10202021

Tgt Ion: 65 Resp: 202448

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. 0.003 min

Lab File: VN069274.D

Acq: 29 Oct 2021 2:36

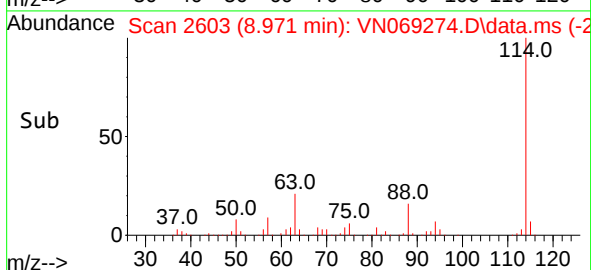
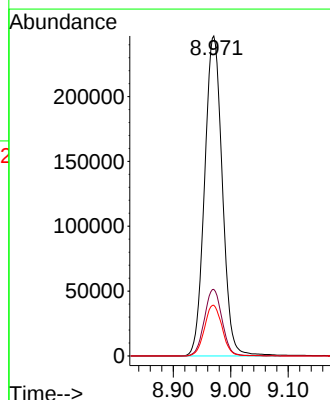
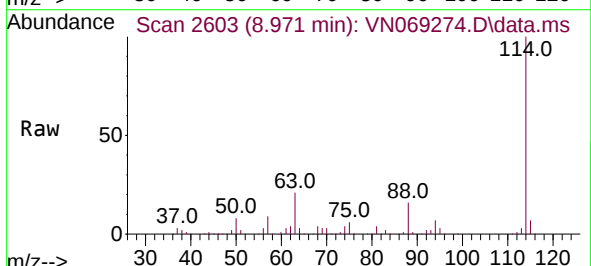
Tgt Ion: 114 Resp: 528128

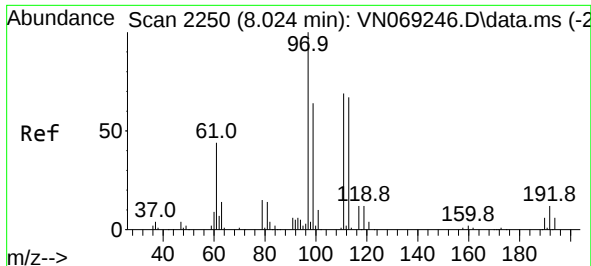
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.6

88 15.8 0.0 32.0

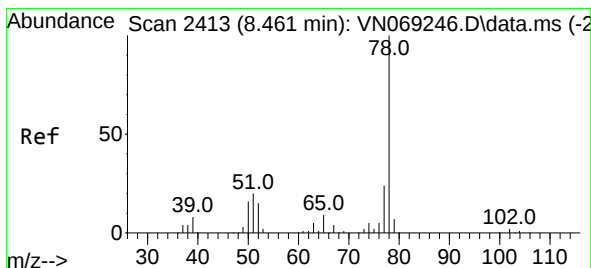
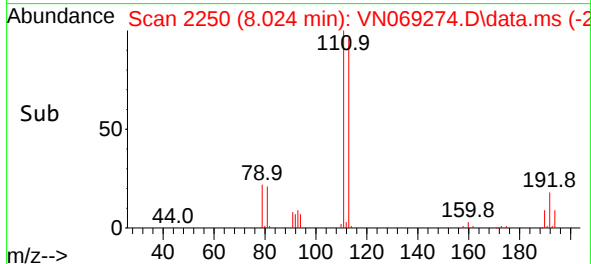
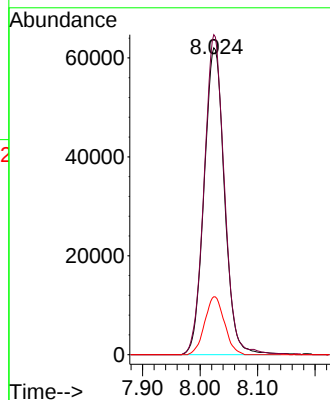
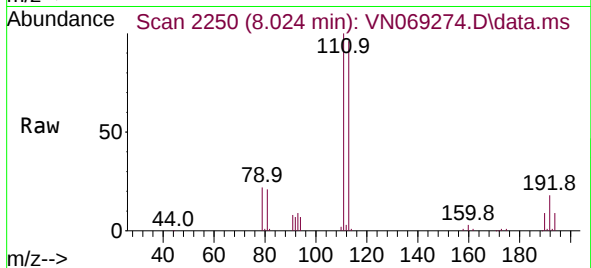




#35
Dibromofluoromethane
Concen: 46.372 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VN069274.D
Acq: 29 Oct 2021 2:36

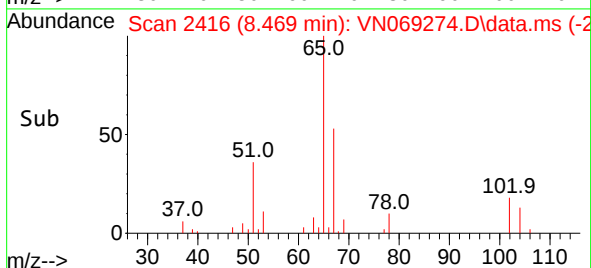
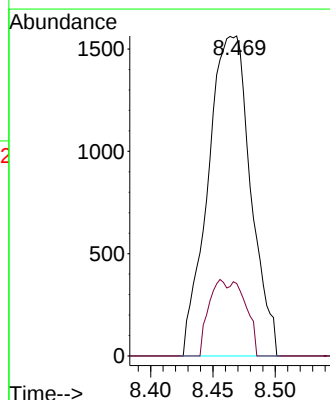
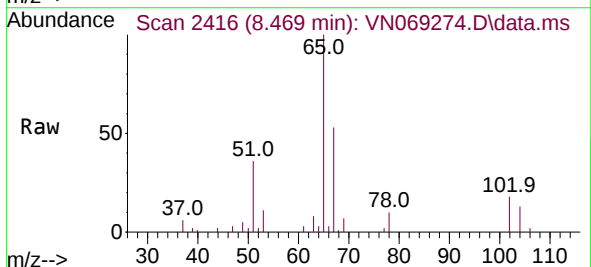
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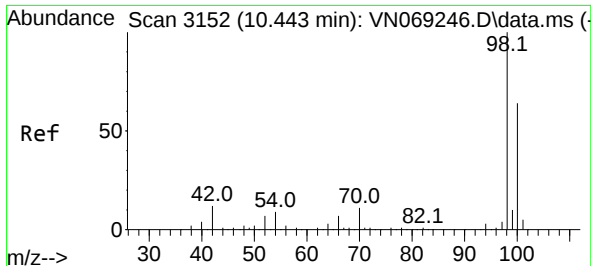
Tgt Ion:113 Resp: 152665
Ion Ratio Lower Upper
113 100
111 103.5 83.2 124.8
192 18.3 15.0 22.4



#40
Benzene
Concen: 0.272 ug/l
RT: 8.469 min Scan# 2416
Delta R.T. 0.008 min
Lab File: VN069274.D
Acq: 29 Oct 2021 2:36

Tgt Ion: 78 Resp: 3724
Ion Ratio Lower Upper
78 100
77 22.6 19.1 28.7

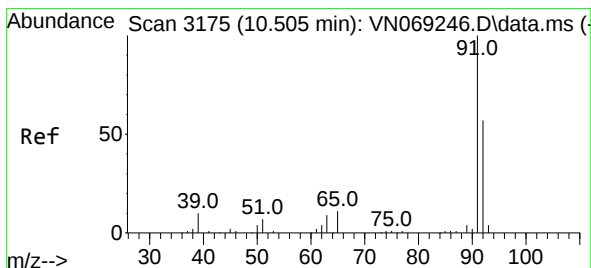
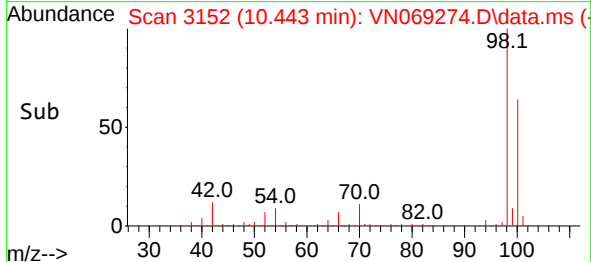
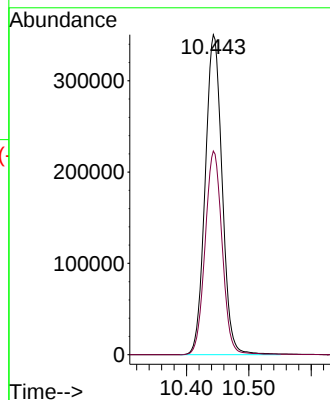
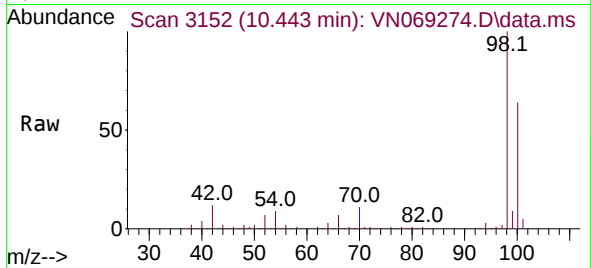




#50
Toluene-d8
Concen: 50.289 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069274.D
Acq: 29 Oct 2021 2:36

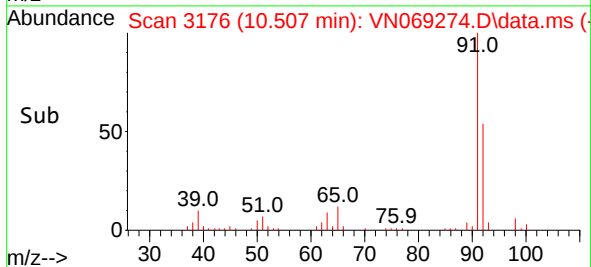
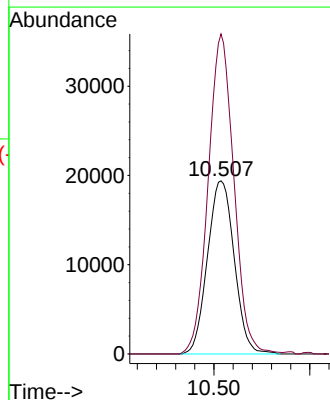
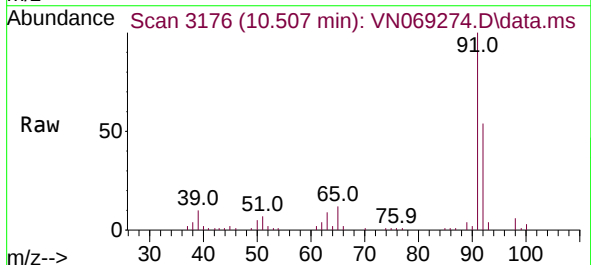
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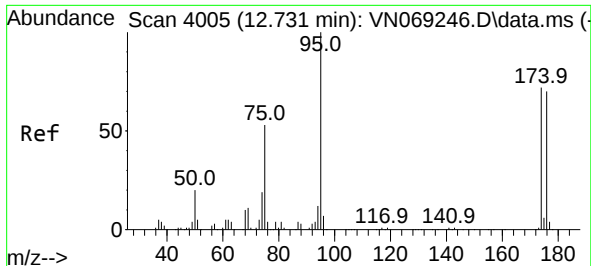
Tgt Ion: 98 Resp: 661962
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3



#52
Toluene
Concen: 4.189 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.002 min
Lab File: VN069274.D
Acq: 29 Oct 2021 2:36

Tgt Ion: 92 Resp: 37626
Ion Ratio Lower Upper
92 100
91 177.2 138.5 207.7

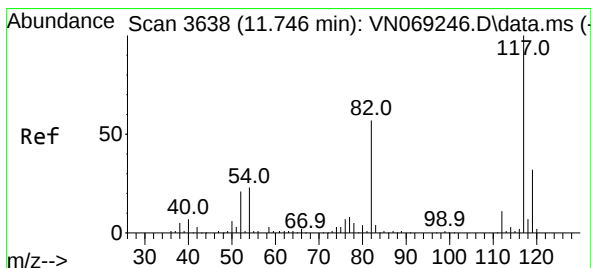
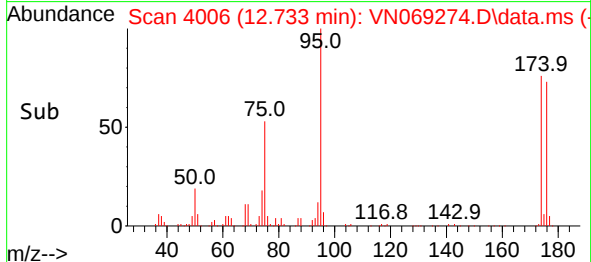
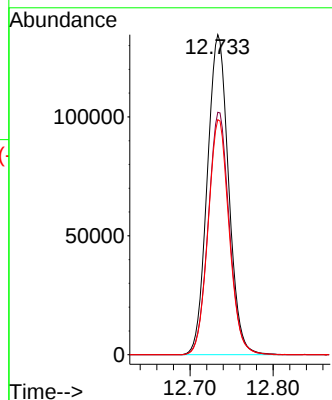
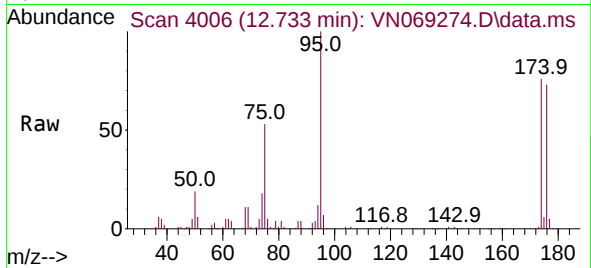




#62
4-Bromofluorobenzene
Concen: 48.228 ug/l
RT: 12.733 min Scan# 4005
Delta R.T. 0.002 min
Lab File: VN069274.D
Acq: 29 Oct 2021 2:36

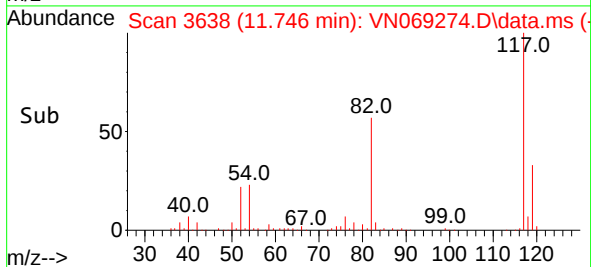
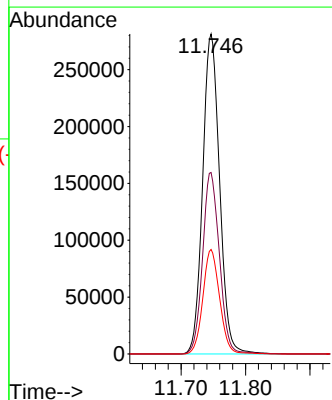
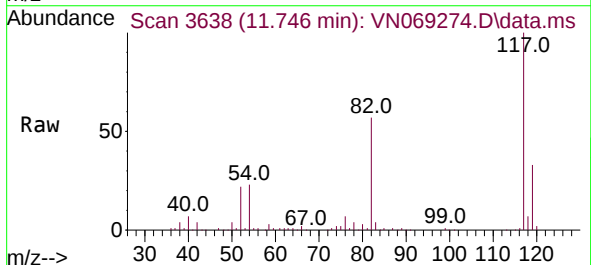
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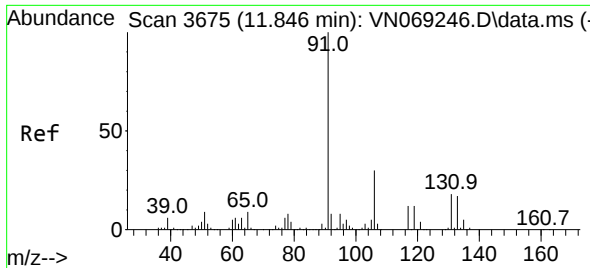
Tgt Ion: 95 Resp: 239555
Ion Ratio Lower Upper
95 100
174 75.2 0.0 144.8
176 72.5 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069274.D
Acq: 29 Oct 2021 2:36

Tgt Ion: 117 Resp: 513969
Ion Ratio Lower Upper
117 100
82 56.7 46.4 69.6
119 32.7 26.0 39.0

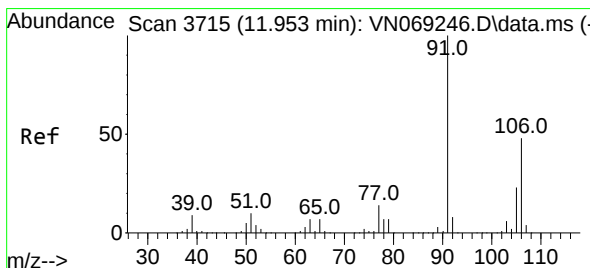
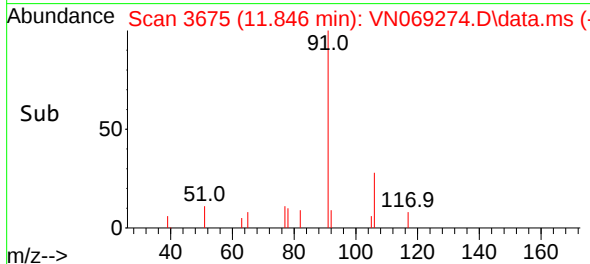
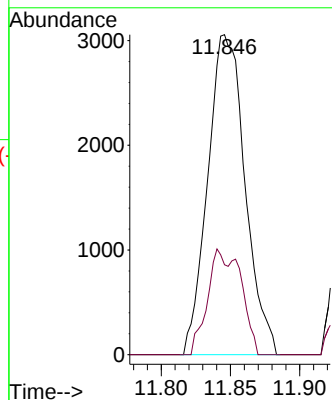
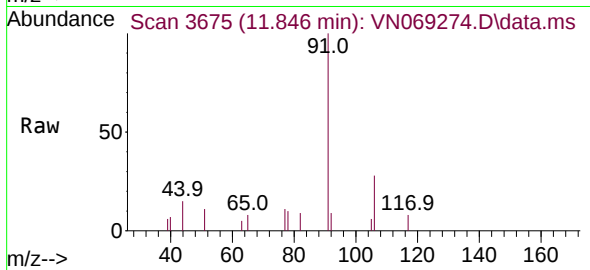




#67
Ethyl Benzene
Concen: 0.311 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069274.D
Acq: 29 Oct 2021 2:36

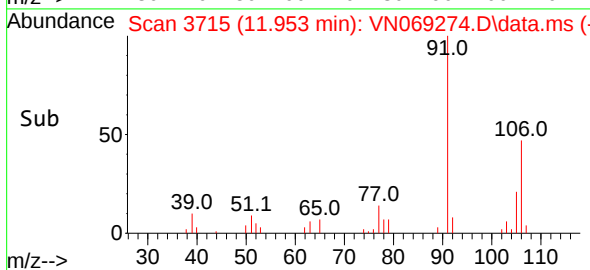
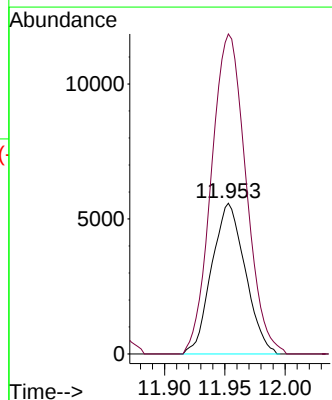
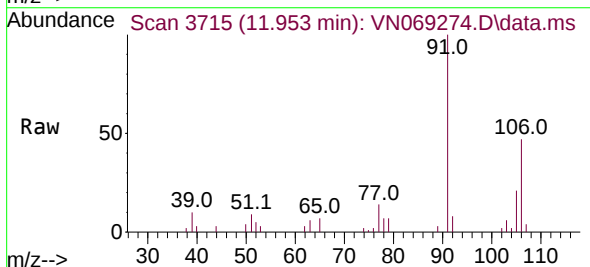
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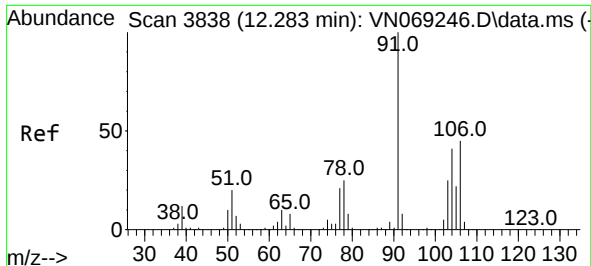
Tgt Ion: 91 Resp: 5729
Ion Ratio Lower Upper
91 100
106 28.1 24.8 37.2



#68
m/p-Xylenes
Concen: 1.573 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.000 min
Lab File: VN069274.D
Acq: 29 Oct 2021 2:36

Tgt Ion:106 Resp: 10798
Ion Ratio Lower Upper
106 100
91 219.0 166.8 250.2





#69

o-Xylene

Concen: 0.857 ug/l

RT: 12.283 min Scan# 3838

Delta R.T. -0.000 min

Lab File: VN069274.D

Acq: 29 Oct 2021 2:36

Instrument :

MSVOA_N

ClientSampleId :

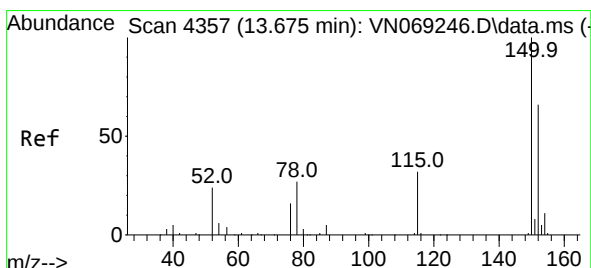
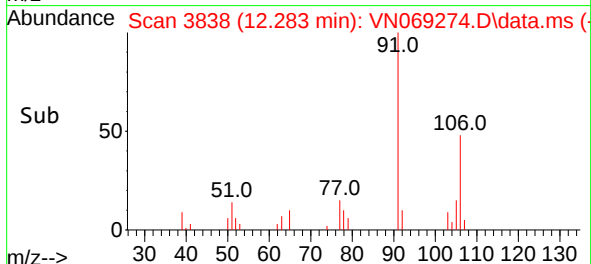
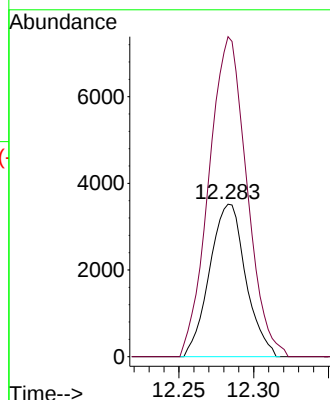
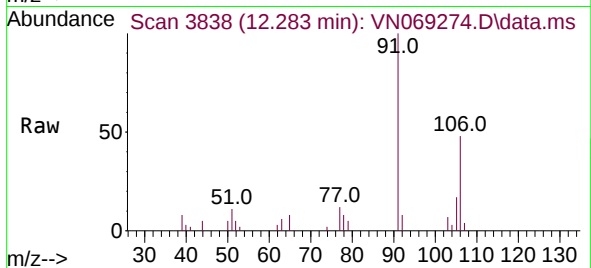
RB-10202021

Tgt Ion:106 Resp: 5918

Ion Ratio Lower Upper

106 100

91 220.2 109.6 328.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.677 min Scan# 4358

Delta R.T. 0.002 min

Lab File: VN069274.D

Acq: 29 Oct 2021 2:36

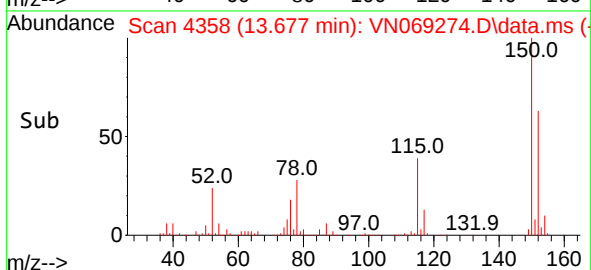
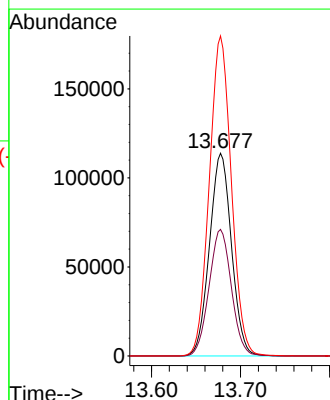
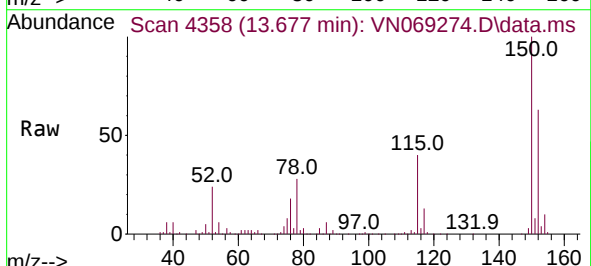
Tgt Ion:152 Resp: 195548

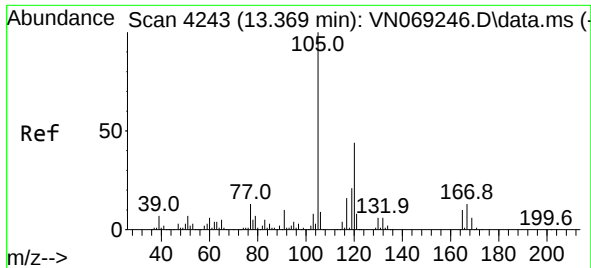
Ion Ratio Lower Upper

152 100

115 63.2 31.4 94.3

150 157.8 0.0 351.0





#84
 1,2,4-Trimethylbenzene
 Concen: 0.514 ug/l
 RT: 13.372 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN069274.D
 Acq: 29 Oct 2021 2:36

Instrument :
 MSVOA_N
 ClientSampleId :
 RB-10202021

Tgt Ion:105 Resp: 6855
 Ion Ratio Lower Upper
 105 100
 120 42.7 21.9 65.5

