

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092421\
 Data File : VN068653.D
 Acq On : 24 Sep 2021 21:14
 Operator : JC/MD
 Sample : M3773-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1203

Manual Integrations
 APPROVED

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 9/25/2021 10:23:49 AM

Quant Time: Sep 25 01:52:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 13:52:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	573110	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	926721	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	912277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	345427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	420521	46.949	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.900%		
35) Dibromofluoromethane	8.021	113	322181	51.968	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.940%		
50) Toluene-d8	10.446	98	1367812	52.043	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.080%		
62) 4-Bromofluorobenzene	12.731	95	474266	52.762	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	105.520%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.366	59	410641	298.181	ug/l	99
16) Acetone	4.256	43	47594549m	15360.616	ug/l	
18) Methyl Acetate	4.854	43	155834	11.842	ug/l	98
19) Methyl tert-butyl Ether	5.615	73	398778	18.335	ug/l	98
20) Methylene Chloride	5.101	84	37556	3.699	ug/l	98
25) 2-Butanone	7.335	43	319382	58.555	ug/l	99
40) Benzene	8.461	78	29342	1.068	ug/l	93
43) Isopropyl Acetate	8.563	43	63313	3.483	ug/l	# 86
51) 4-Methyl-2-Pentanone	10.333	43	193028	17.559	ug/l	98
52) Toluene	10.499	92	19918134m	1144.239	ug/l	
67) Ethyl Benzene	11.846	91	159927	4.555	ug/l	99
68) m/p-Xylenes	11.953	106	264252	20.504	ug/l	90
69) o-Xylene	12.283	106	157792	12.463	ug/l	89
78) n-propylbenzene	12.921	91	59873	1.702	ug/l	100
80) 1,3,5-Trimethylbenzene	13.066	105	86699	3.564	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	416738	17.575	ug/l	95
95) Naphthalene	15.507	128	166806	11.305	ug/l	99

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

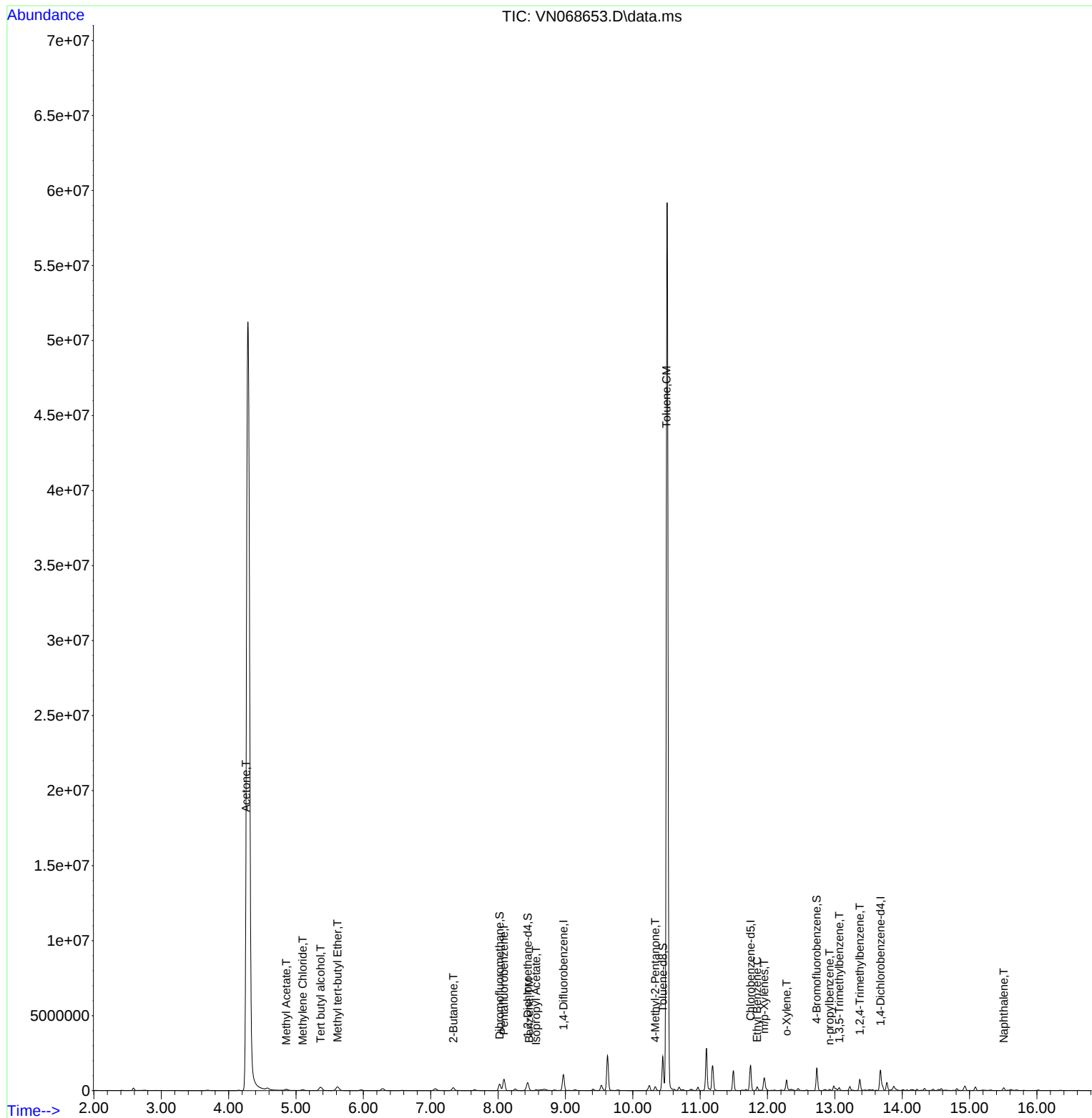
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092421\
Data File : VN068653.D
Acq On : 24 Sep 2021 21:14
Operator : JC/MD
Sample : M3773-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

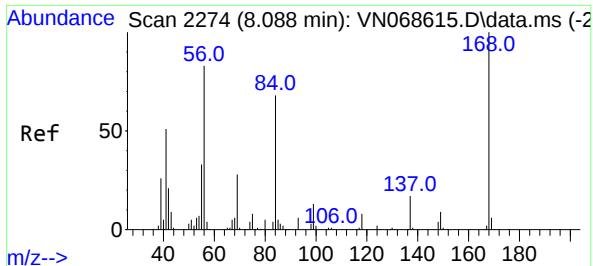
Instrument :
MSVOA_N
ClientSampleId :
TRE-1203

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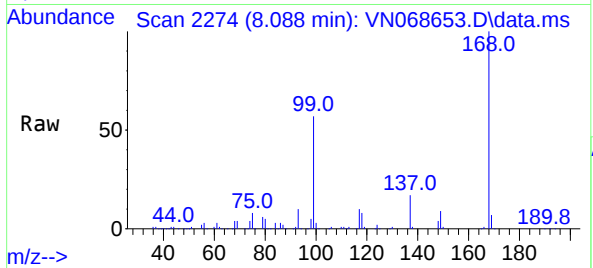
MMDadoda
9/25/2021 10:23:49 AM

Quant Time: Sep 25 01:52:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 23 13:52:37 2021
Response via : Initial Calibration

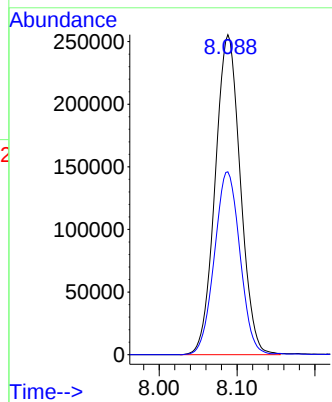
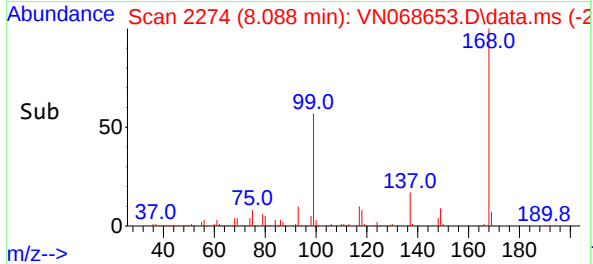




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068653.D
Acq: 24 Sep 2021 21:14



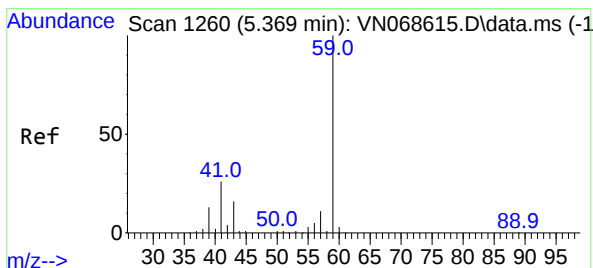
Tgt Ion: 168 Resp: 573110
Ion Ratio Lower Upper
168 100
99 57.2 62.9 94.3#



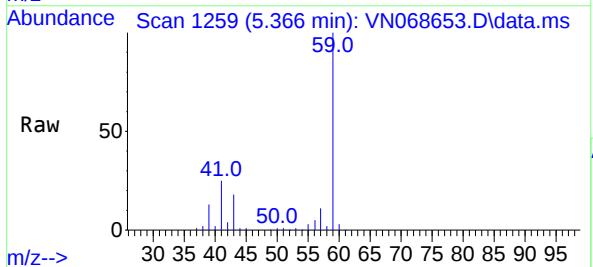
Instrument :
MSVOA_N
ClientSampleId :
TRE-1203

Manual Integrations
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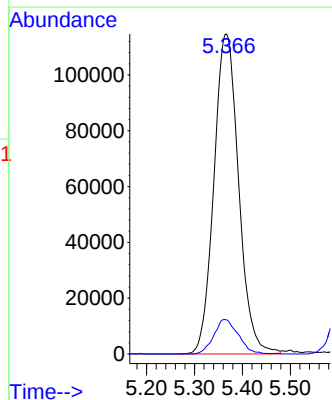
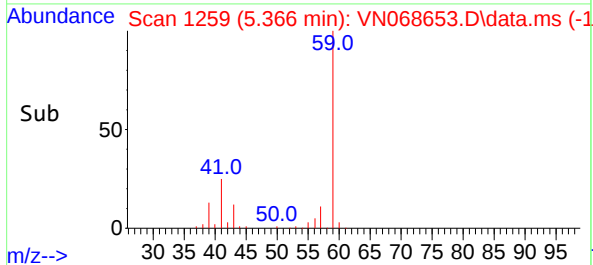
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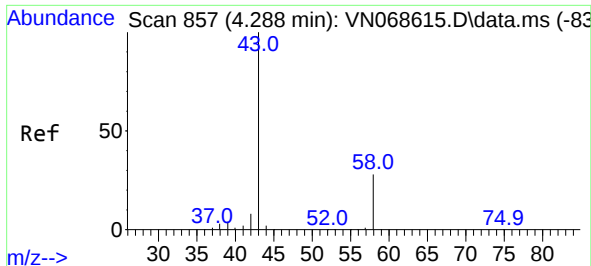


#11
Tert butyl alcohol
Concen: 298.181 ug/l
RT: 5.366 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VN068653.D
Acq: 24 Sep 2021 21:14



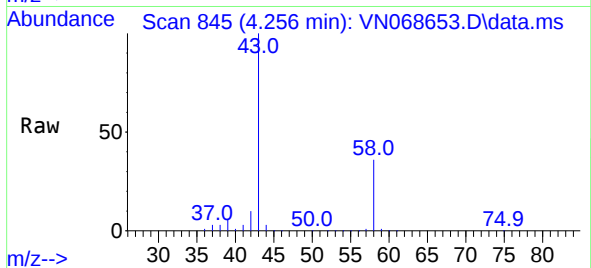
Tgt Ion: 59 Resp: 410641
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1





#16
Acetone
Concen: 15360.616 ug/l m
RT: 4.256 min Scan# 845
Delta R.T. -0.032 min
Lab File: VN068653.D
Acq: 24 Sep 2021 21:14

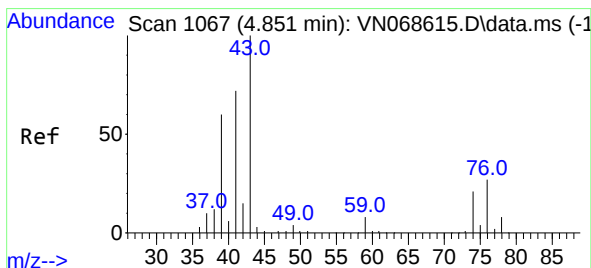
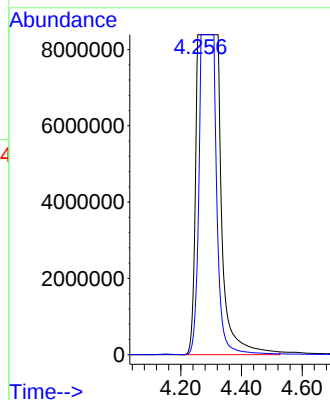
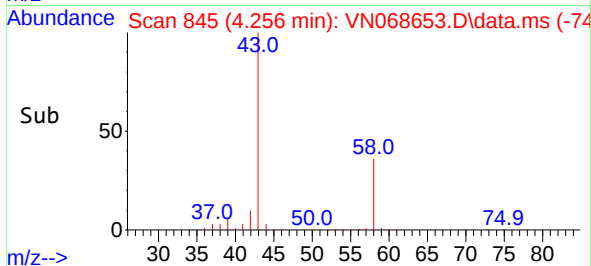
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ClientSampleId :
TRE-1203



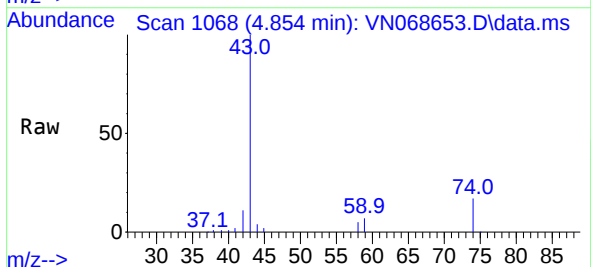
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Ion Ratio Lower Upper
43 100
58 35.5 21.2 31.8#

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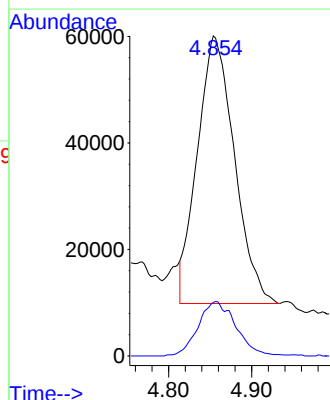
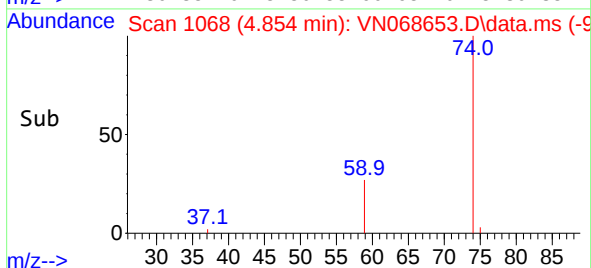
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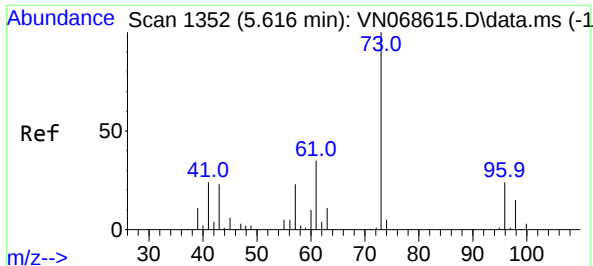


#18
Methyl Acetate
Concen: 11.842 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. 0.003 min
Lab File: VN068653.D
Acq: 24 Sep 2021 21:14



Tgt Ion: 43 Resp: 155834
Ion Ratio Lower Upper
43 100
74 20.8 17.4 26.0





#19

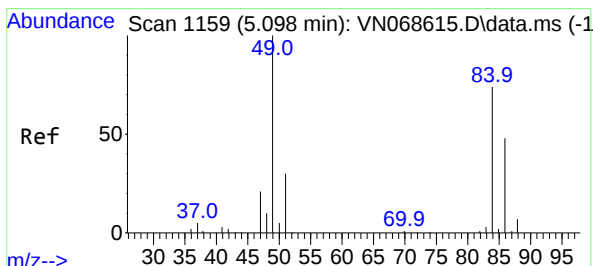
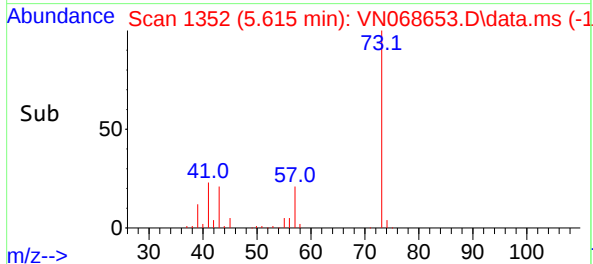
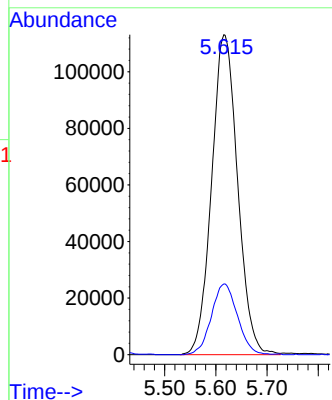
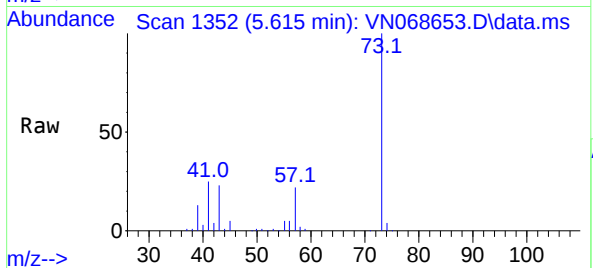
Methyl tert-butyl Ether
Concen: 18.335 ug/l
RT: 5.615 min Scan# 1352
Delta R.T. -0.001 min
Lab File: VN068653.D
Acq: 24 Sep 2021 21:14

Tgt Ion: 73 Resp: 398778
Ion Ratio Lower Upper
73 100
57 22.1 17.0 25.6

Instrument :
MSVOA_N
ClientSampled :
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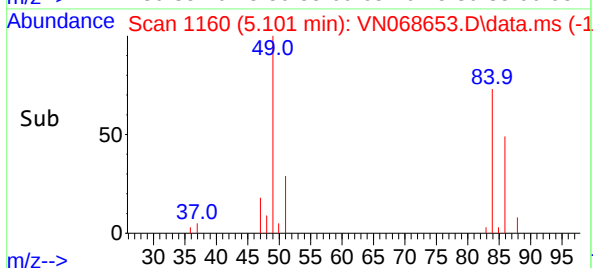
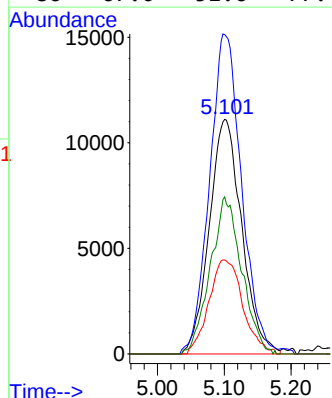
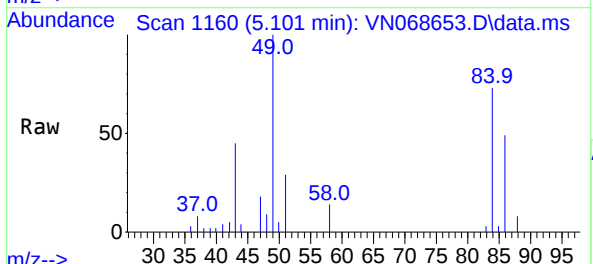
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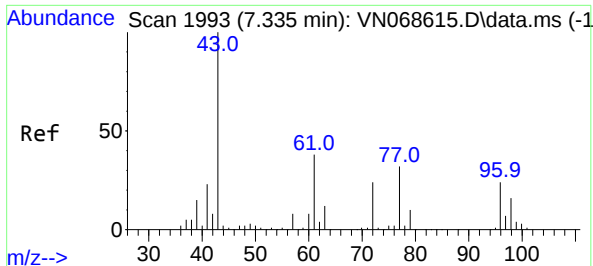


#20

Methylene Chloride
Concen: 3.699 ug/l
RT: 5.101 min Scan# 1160
Delta R.T. 0.003 min
Lab File: VN068653.D
Acq: 24 Sep 2021 21:14

Tgt Ion: 84 Resp: 37556
Ion Ratio Lower Upper
84 100
49 136.1 110.9 166.3
51 40.0 32.6 49.0
86 67.0 51.6 77.4





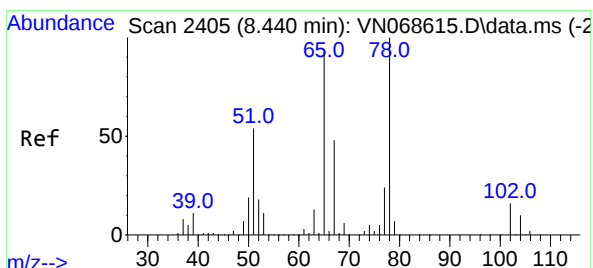
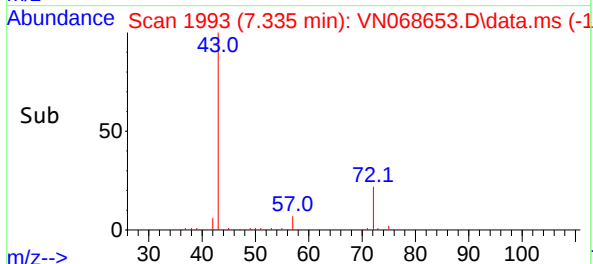
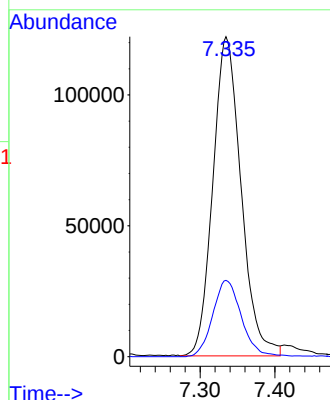
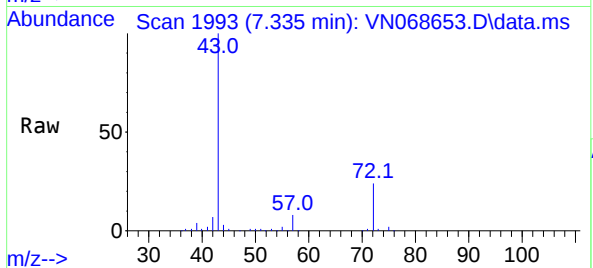
#25
2-Butanone
Concen: 58.555 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN068653.D
Acq: 24 Sep 2021 21:14

Tgt Ion: 43 Resp: 319382
Ion Ratio Lower Upper
43 100
72 23.9 19.7 29.5

Instrument :
MSVOA_N
ClientSampled :
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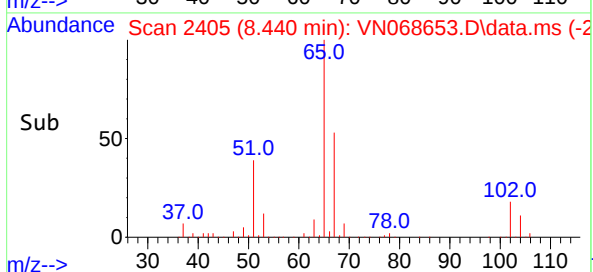
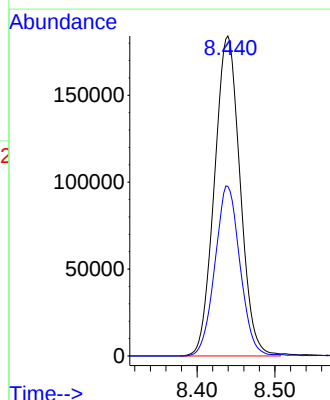
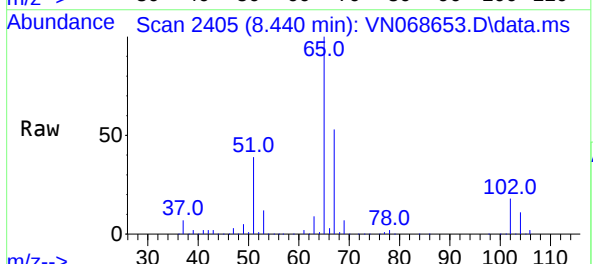
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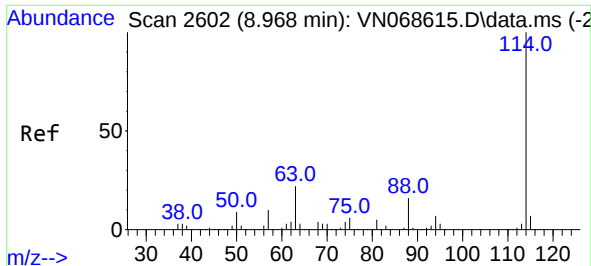
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#33
1,2-Dichloroethane-d4
Concen: 46.949 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068653.D
Acq: 24 Sep 2021 21:14

Tgt Ion: 65 Resp: 420521
Ion Ratio Lower Upper
65 100
67 52.1 0.0 98.6





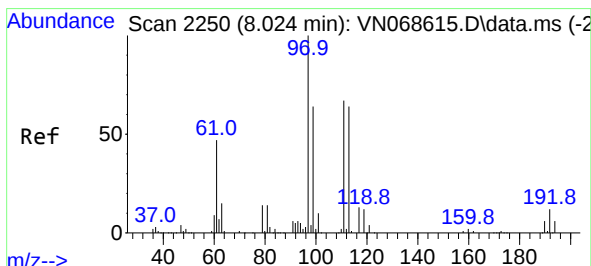
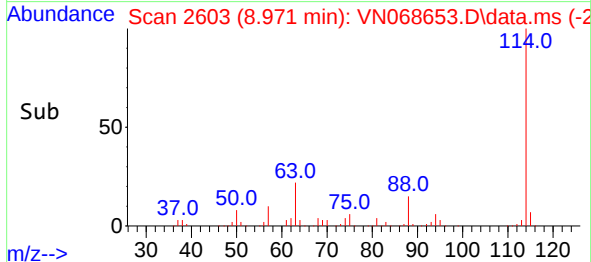
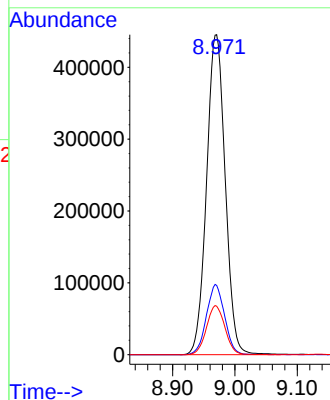
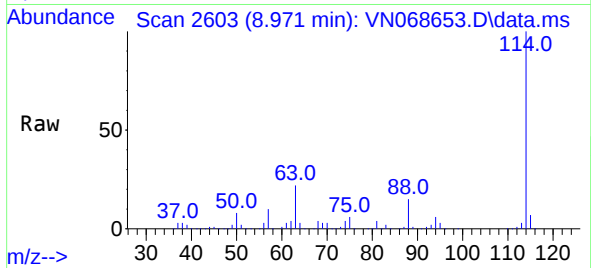
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068653.D
Acq: 24 Sep 2021 21:14

Tgt Ion:114 Resp: 926721
Ion Ratio Lower Upper
114 100
63 21.7 0.0 49.0
88 15.2 0.0 36.6

Instrument :
MSVOA_N
ClientSampled :
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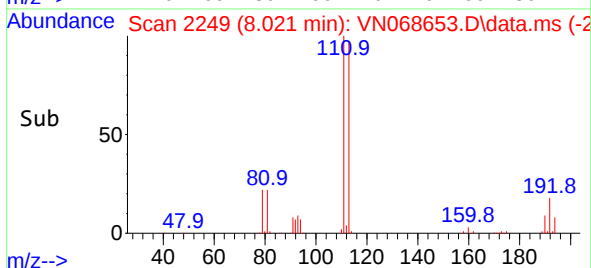
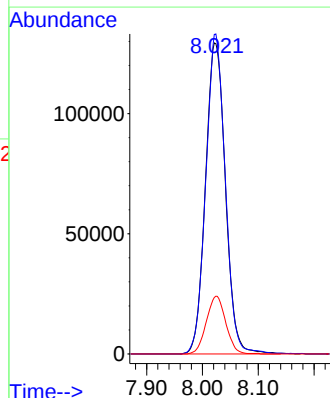
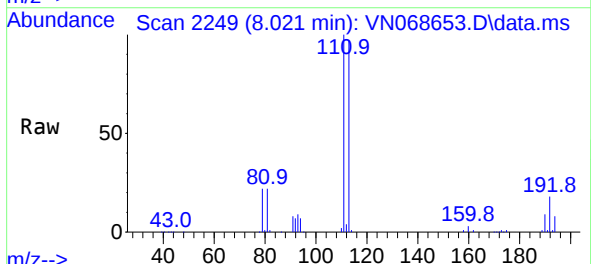
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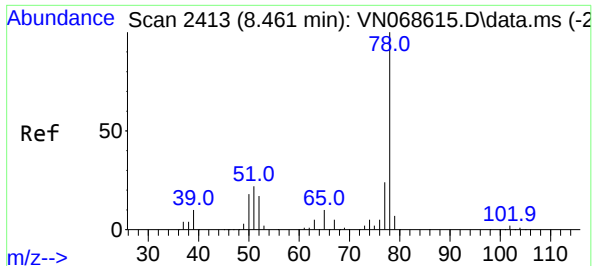
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#35
Dibromofluoromethane
Concen: 51.968 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN068653.D
Acq: 24 Sep 2021 21:14

Tgt Ion:113 Resp: 322181
Ion Ratio Lower Upper
113 100
111 100.2 83.8 125.8
192 18.0 13.4 20.0





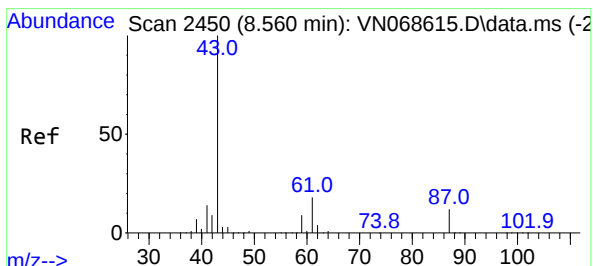
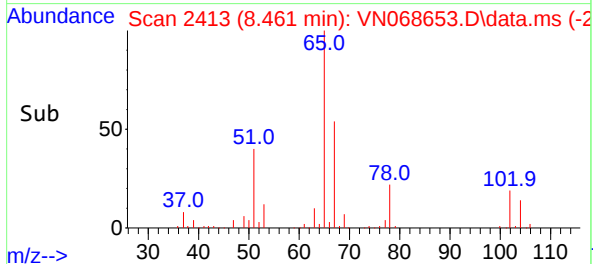
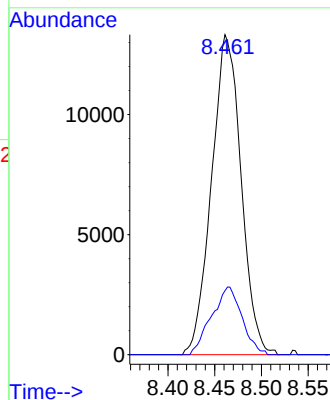
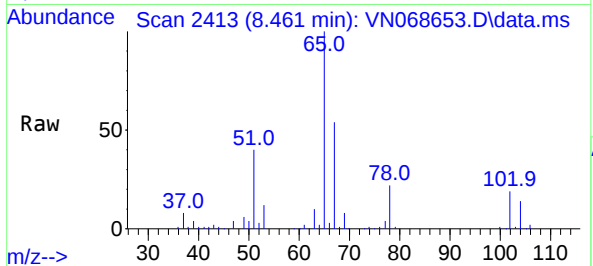
#40
Benzene
Concen: 1.068 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN068653.D
Acq: 24 Sep 2021 21:14

Tgt Ion: 78 Resp: 29342
Ion Ratio Lower Upper
78 100
77 20.0 18.9 28.3

Instrument :
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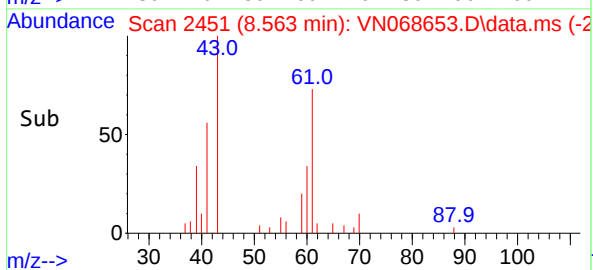
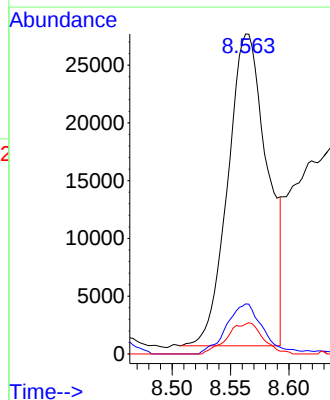
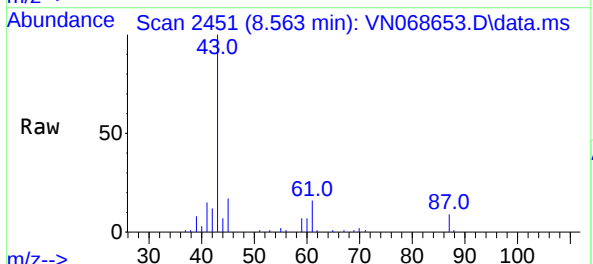
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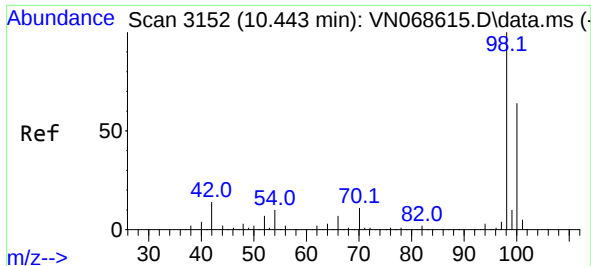
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9/25/2021 10:23:49 AM



#43
Isopropyl Acetate
Concen: 3.483 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN068653.D
Acq: 24 Sep 2021 21:14

Tgt Ion: 43 Resp: 63313
Ion Ratio Lower Upper
43 100
61 14.8 19.0 28.4#
87 9.0 9.5 14.3#





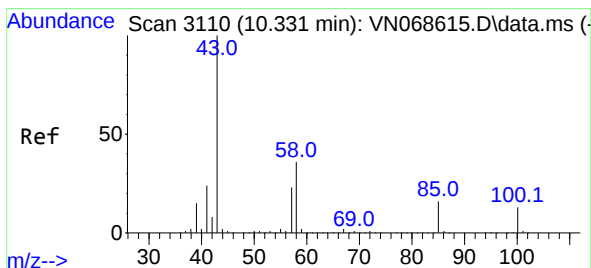
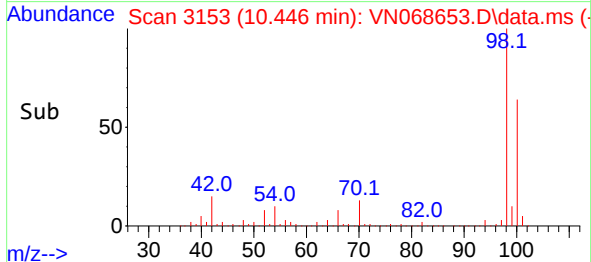
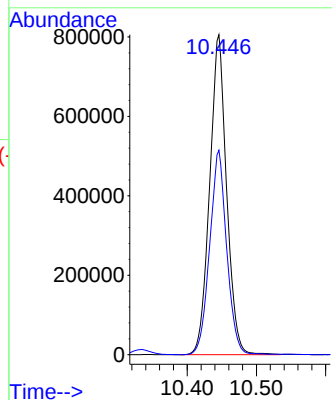
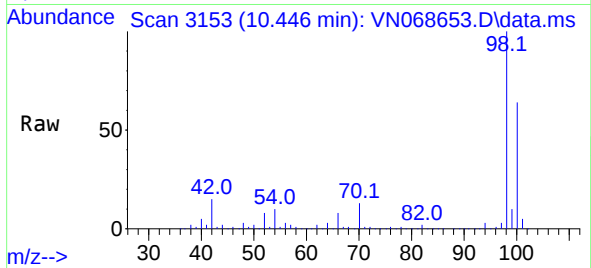
#50
Toluene-d8
Concen: 52.043 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068653.D
Acq: 24 Sep 2021 21:14

Tgt Ion: 98 Resp: 1367812
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5

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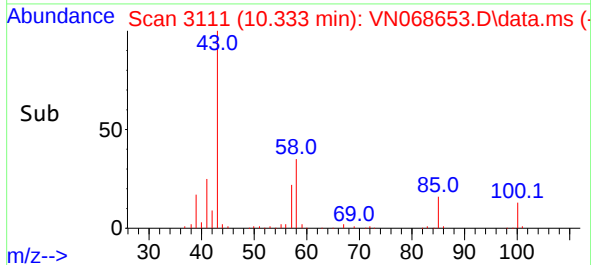
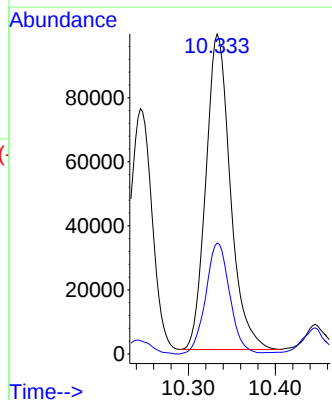
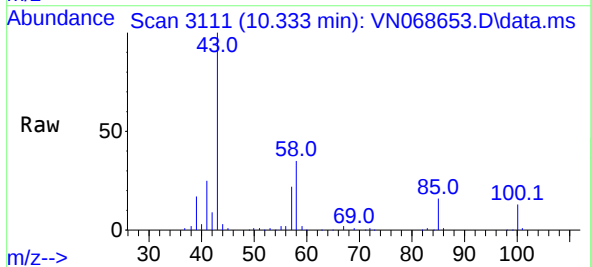
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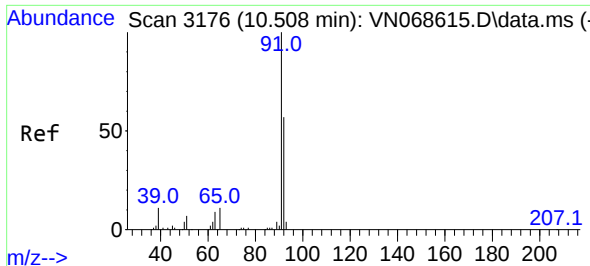
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#51
4-Methyl-2-Pentanone
Concen: 17.559 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN068653.D
Acq: 24 Sep 2021 21:14

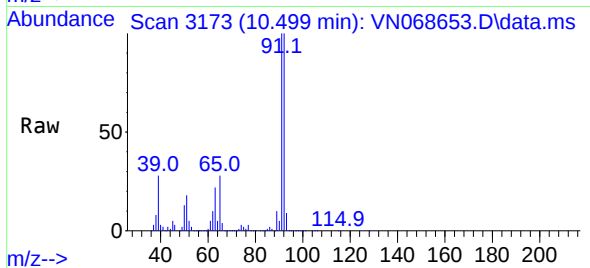
Tgt Ion: 43 Resp: 193028
Ion Ratio Lower Upper
43 100
58 34.4 28.6 43.0





#52
Toluene
Concen: 1144.239 ug/l m
RT: 10.499 min Scan# 3173
Delta R.T. -0.009 min
Lab File: VN068653.D
Acq: 24 Sep 2021 21:14

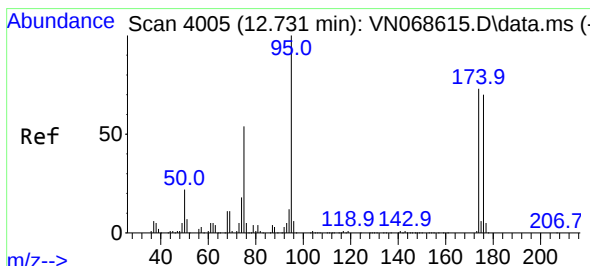
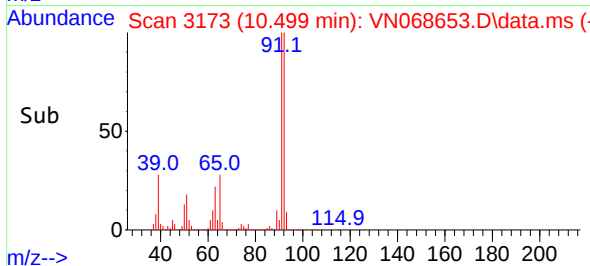
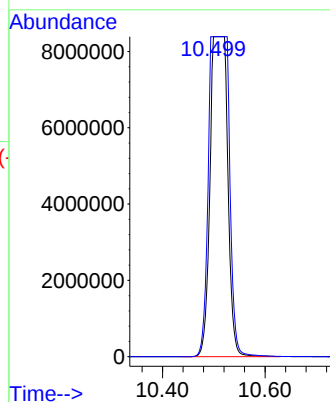
Instrument :
MSVOA_N
ClientSampled :
TRE-1203



Tgt Ion: 92 Resp:19918134
Ion Ratio Lower Upper
92 100
91 0.0 139.6 209.4#

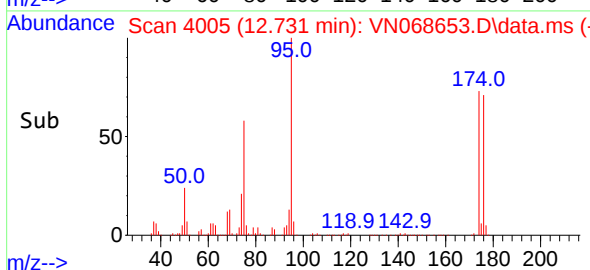
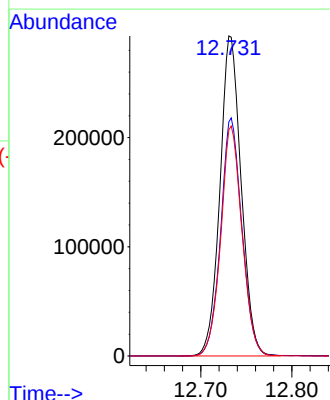
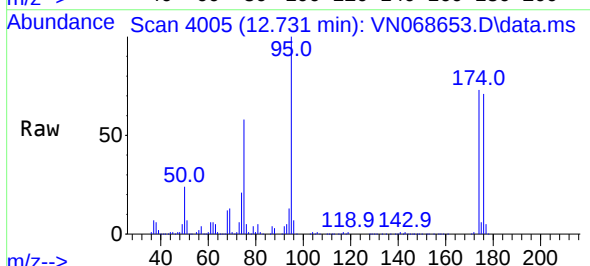
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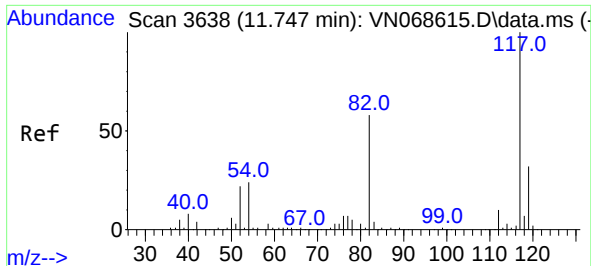
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#62
4-Bromofluorobenzene
Concen: 52.762 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN068653.D
Acq: 24 Sep 2021 21:14

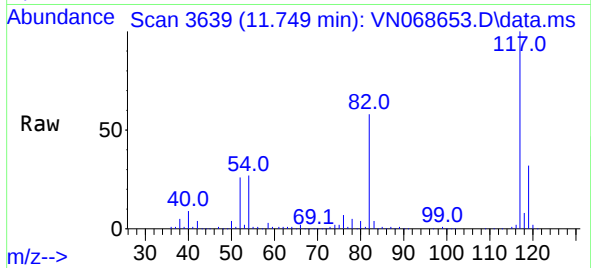
Tgt Ion: 95 Resp: 474266
Ion Ratio Lower Upper
95 100
174 74.4 0.0 122.0
176 71.7 0.0 117.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068653.D
Acq: 24 Sep 2021 21:14

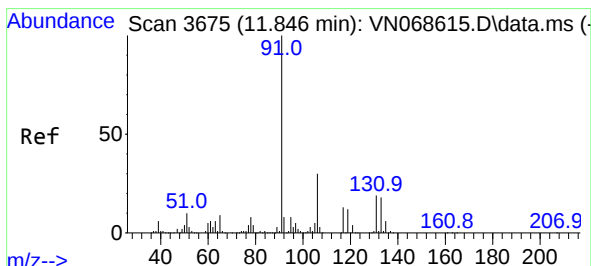
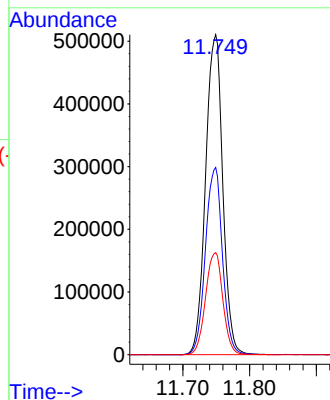
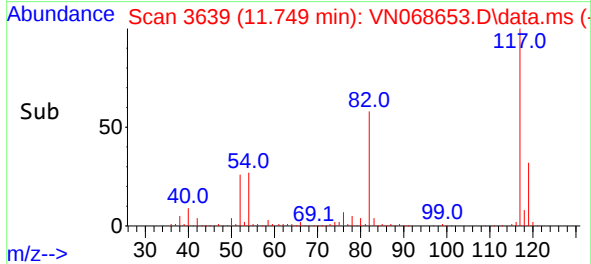
Instrument :
MSVOA_N
ClientSampleId :
TRE-1203



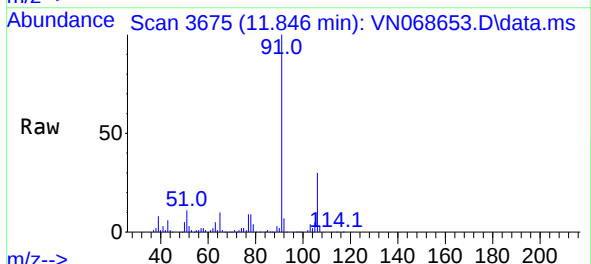
Tgt Ion:117 Resp: 912277
Ion Ratio Lower Upper
117 100
82 58.5 53.1 79.7
119 31.9 25.5 38.3

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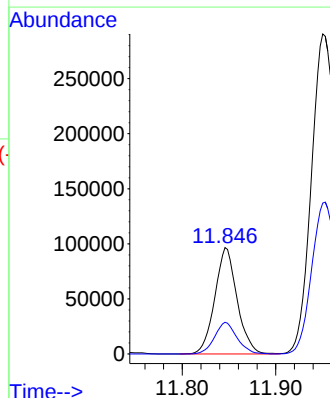
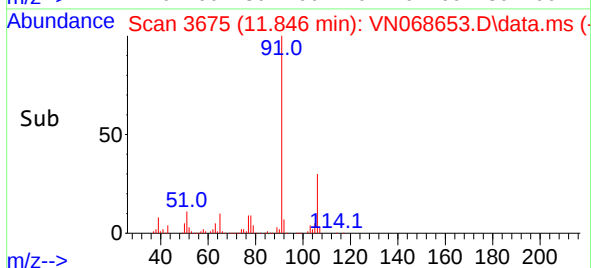
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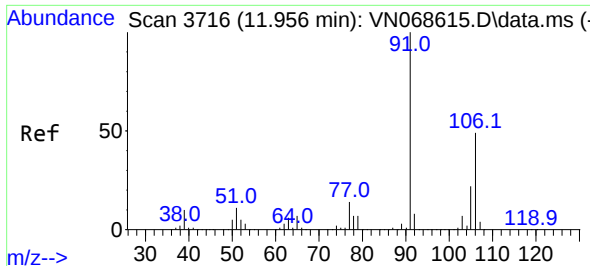


#67
Ethyl Benzene
Concen: 4.555 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN068653.D
Acq: 24 Sep 2021 21:14



Tgt Ion: 91 Resp: 159927
Ion Ratio Lower Upper
91 100
106 29.9 23.4 35.0





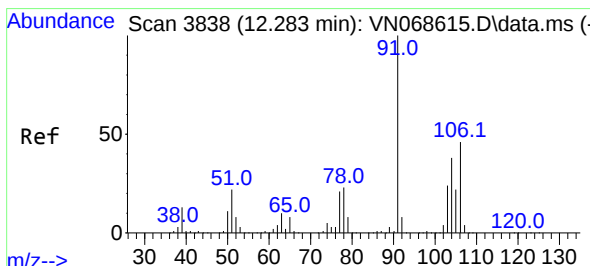
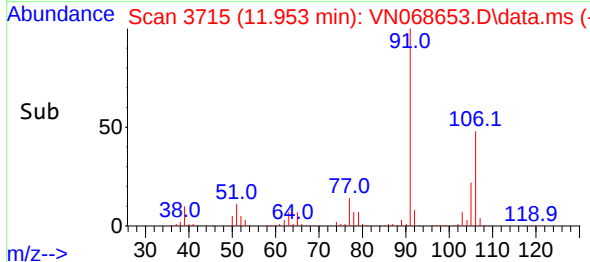
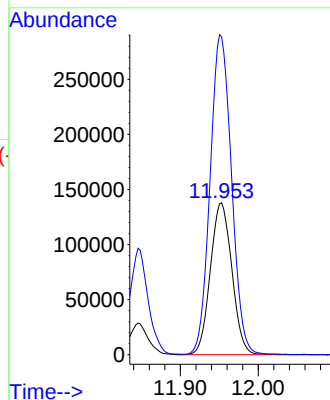
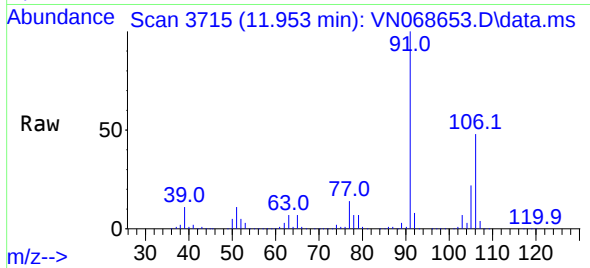
#68
m/p-Xylenes
Concen: 20.504 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN068653.D
Acq: 24 Sep 2021 21:14

Instrument :
MSVOA_N
ClientSampled :
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Tgt Ion:106 Resp: 264252
Ion Ratio Lower Upper
106 100
91 209.9 180.6 270.8

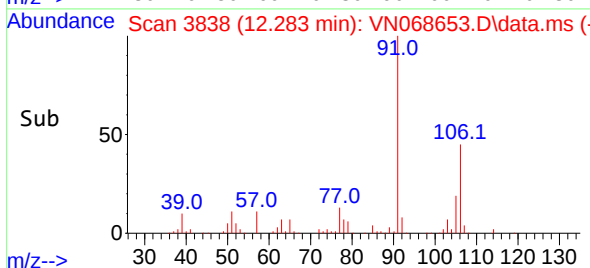
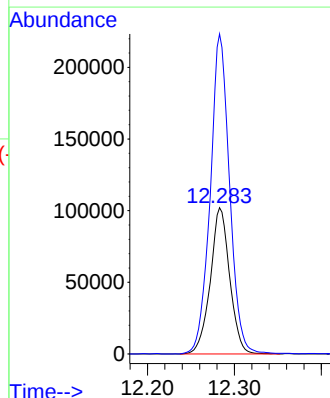
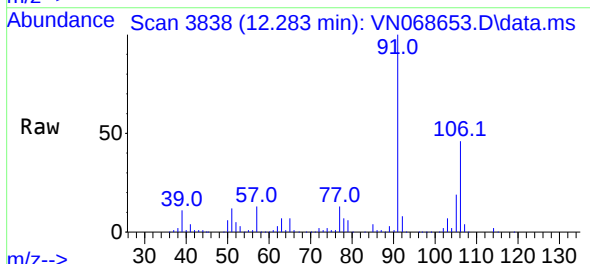
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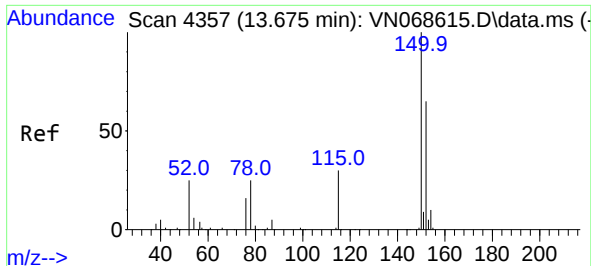
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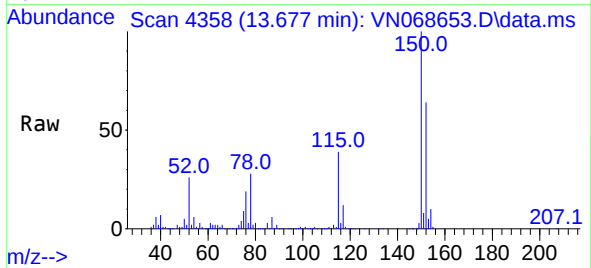
#69
o-Xylene
Concen: 12.463 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN068653.D
Acq: 24 Sep 2021 21:14

Tgt Ion:106 Resp: 157792
Ion Ratio Lower Upper
106 100
91 218.7 118.3 354.9

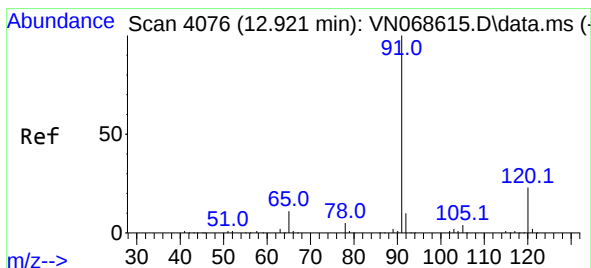
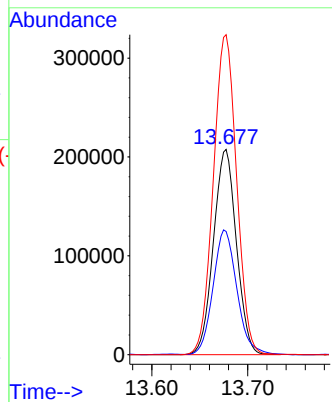
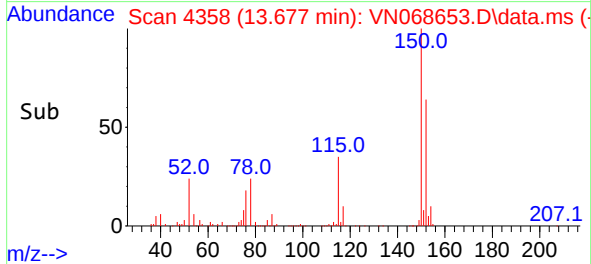




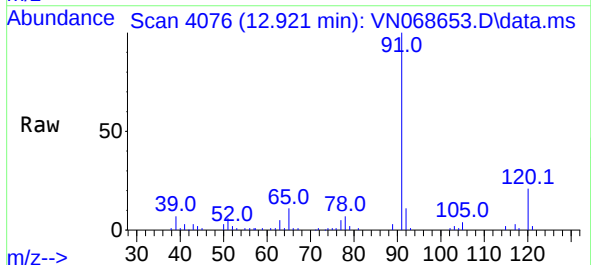
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN068653.D
Acq: 24 Sep 2021 21:14



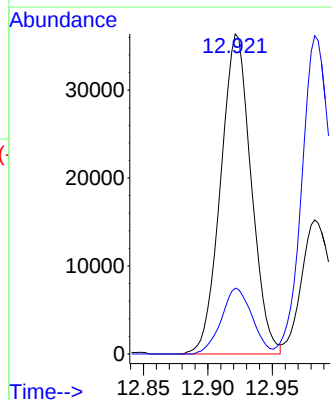
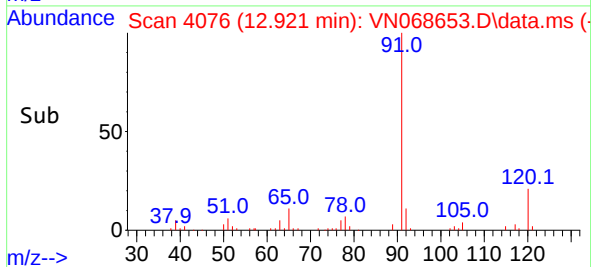
Tgt Ion:152 Resp: 345427
Ion Ratio Lower Upper
152 100
115 63.2 36.1 108.5
150 158.1 0.0 351.8



#78
n-propylbenzene
Concen: 1.702 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN068653.D
Acq: 24 Sep 2021 21:14



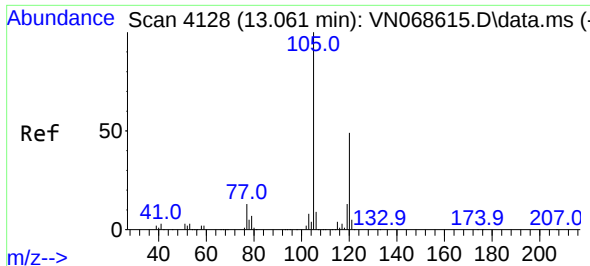
Tgt Ion: 91 Resp: 59873
Ion Ratio Lower Upper
91 100
120 20.7 10.4 31.4



Instrument :
MSVOA_N
ClientSampled :
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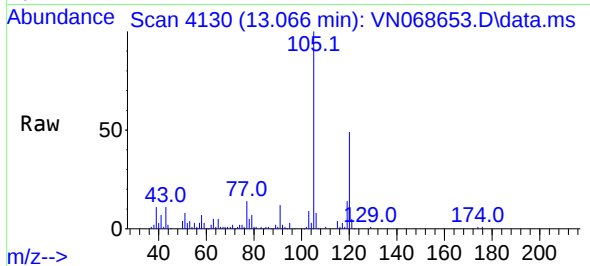
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#80
1,3,5-Trimethylbenzene
Concen: 3.564 ug/l
RT: 13.066 min Scan# 4130
Delta R.T. 0.005 min
Lab File: VN068653.D
Acq: 24 Sep 2021 21:14

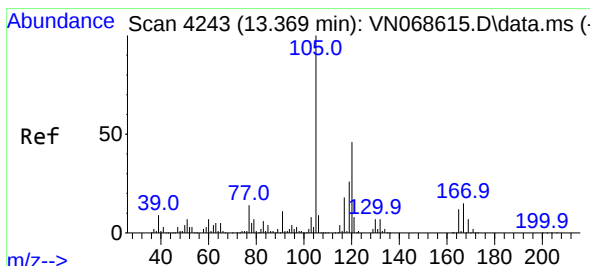
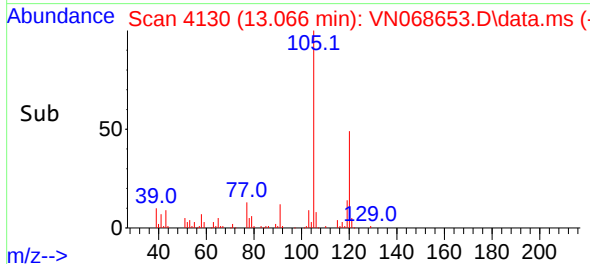
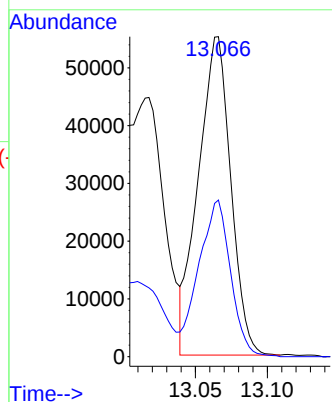
Instrument :
MSVOA_N
ClientSampleId :
TRE-1203



Tgt Ion:105 Resp: 86699
Ion Ratio Lower Upper
105 100
120 48.9 22.2 66.6

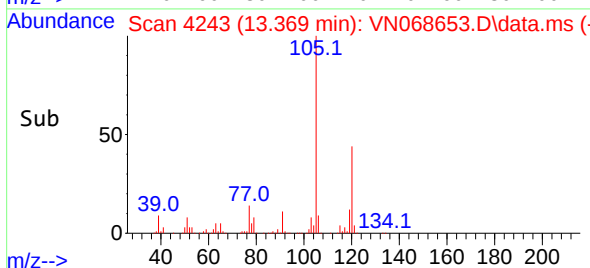
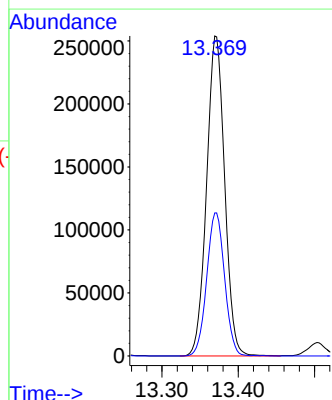
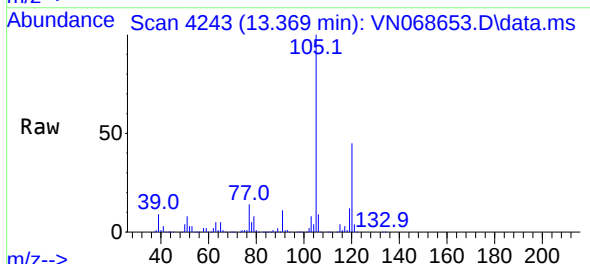
Manual Integrations
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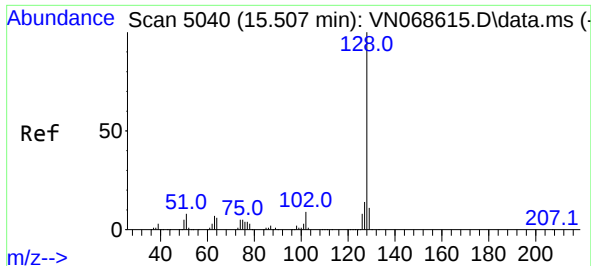
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#84
1,2,4-Trimethylbenzene
Concen: 17.575 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN068653.D
Acq: 24 Sep 2021 21:14

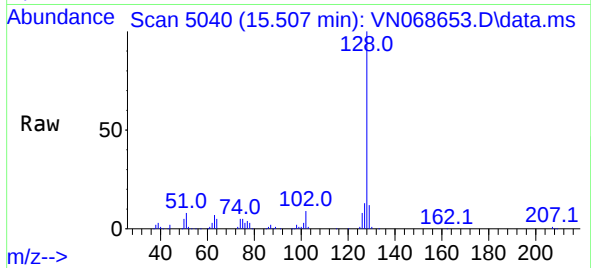
Tgt Ion:105 Resp: 416738
Ion Ratio Lower Upper
105 100
120 44.2 20.6 61.8





#95
Naphthalene
Concen: 11.305 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068653.D
Acq: 24 Sep 2021 21:14

Instrument :
MSVOA_N
ClientSampleId :
TRE-1203



Tgt Ion:128 Resp: 166806
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 11.2 8.6 12.8

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