

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102021\
 Data File : VN069074.D
 Acq On : 20 Oct 2021 20:23
 Operator : JC/MD
 Sample : M4253-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 133-134

Manual Integrations
 APPROVED

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 10/21/2021 6:55:27 PM

Quant Time: Oct 20 23:16:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	325711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	571237	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	536751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	212201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	213139	49.632	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.260%
35) Dibromofluoromethane	8.024	113	166828	50.196	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.400%
50) Toluene-d8	10.443	98	705851	53.080	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.160%
62) 4-Bromofluorobenzene	12.733	95	257565	51.337	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.680%
Target Compounds						
					Qvalue	
16) Acetone	4.296	43	11720m	7.313	ug/l	
18) Methyl Acetate	4.878	43	8653m	1.424	ug/l	
19) Methyl tert-butyl Ether	5.618	73	1015200	86.630	ug/l	99
39) Methylcyclohexane	9.461	83	36191	5.763	ug/l	96
68) m/p-Xylenes	11.961	106	56005	7.831	ug/l	98
69) o-Xylene	12.283	106	85794	11.984	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	222285	15.109	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	5518m	0.389	ug/l	
95) Naphthalene	15.507	128	8009	4.563	ug/l #	94

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

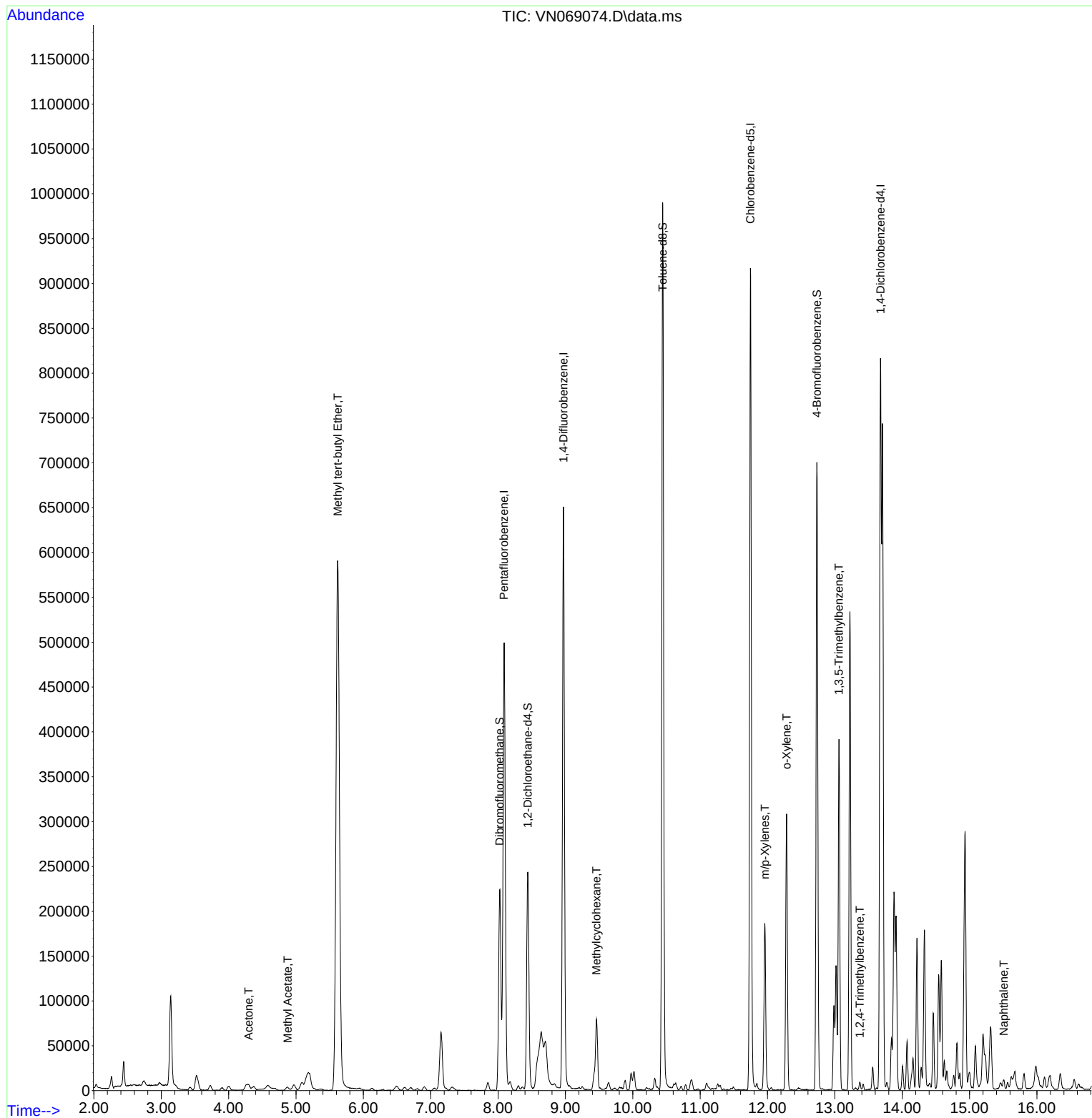
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102021\
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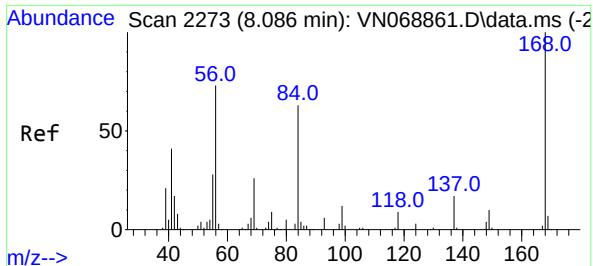
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MSVOA_N
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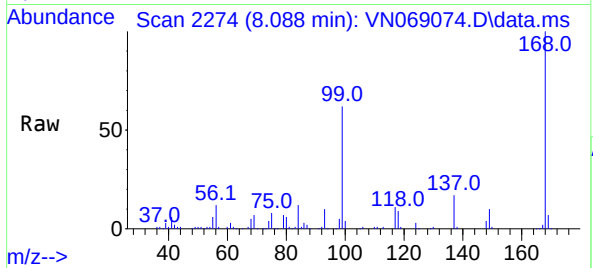
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Quant Time: Oct 20 23:16:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 13 05:44:40 2021
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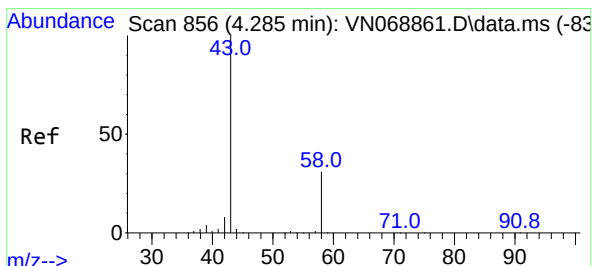
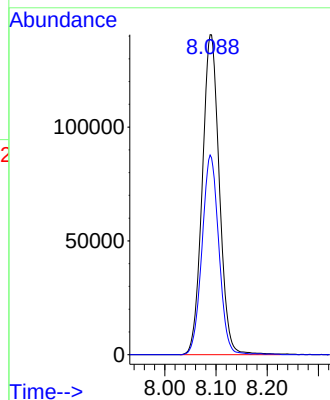
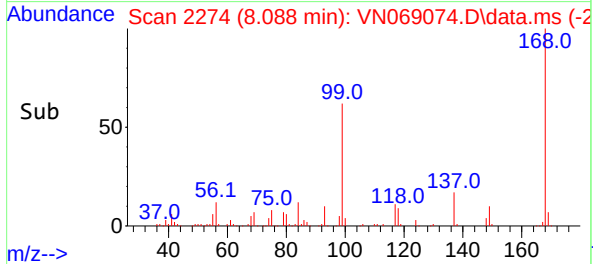




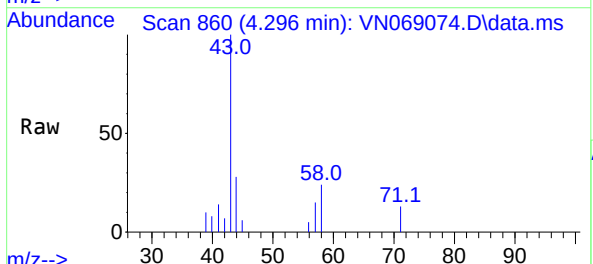
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069074.D
Acq: 20 Oct 2021 20:23



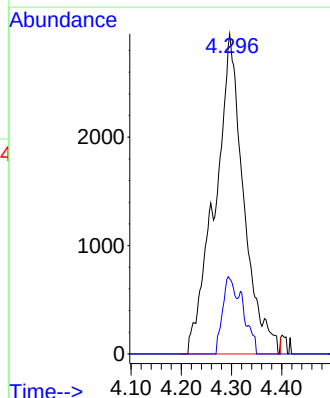
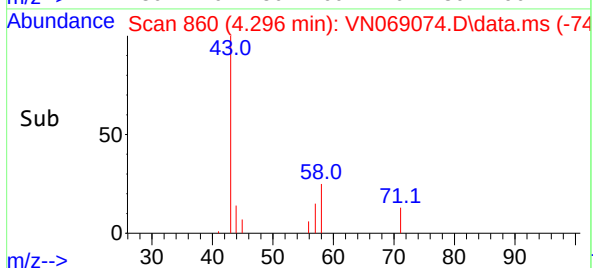
Tgt Ion:168 Resp: 325711
Ion Ratio Lower Upper
168 100
99 62.4 48.9 73.3



#16
Acetone
Concen: 7.313 ug/l m
RT: 4.296 min Scan# 860
Delta R.T. 0.011 min
Lab File: VN069074.D
Acq: 20 Oct 2021 20:23



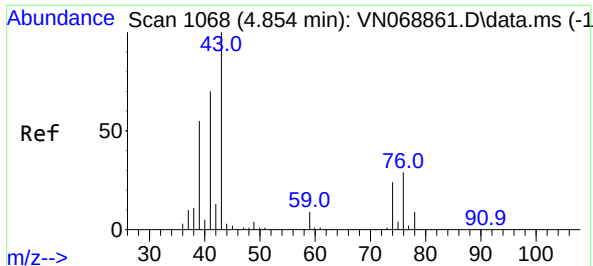
Tgt Ion: 43 Resp: 11720
Ion Ratio Lower Upper
43 100
58 23.5 24.5 36.7#



Instrument :
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#18

Methyl Acetate

Concen: 1.424 ug/l m

RT: 4.878 min Scan# 1077

Delta R.T. 0.024 min

Lab File: VN069074.D

Acq: 20 Oct 2021 20:23

Tgt Ion: 43 Resp: 8653

Ion Ratio Lower Upper

43 100

74 6.0 18.9 28.3#

Instrument :

MSVOA_N

ClientSampled :

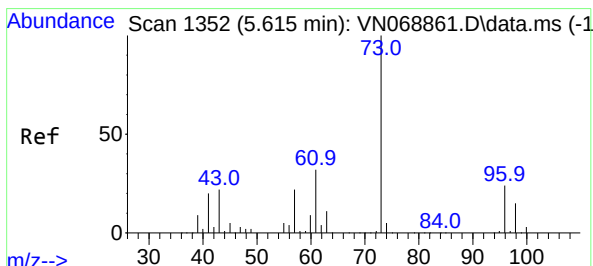
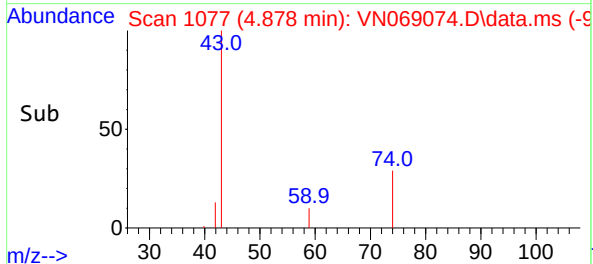
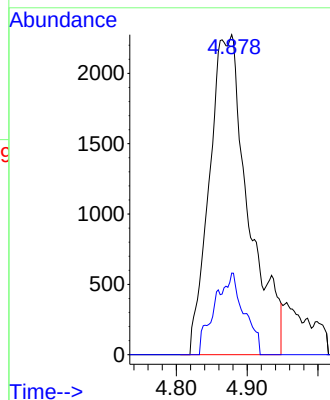
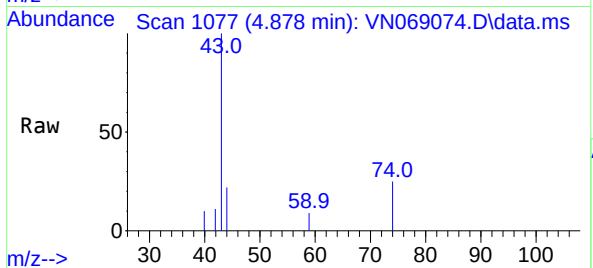
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#19

Methyl tert-butyl Ether

Concen: 86.630 ug/l

RT: 5.618 min Scan# 1353

Delta R.T. 0.003 min

Lab File: VN069074.D

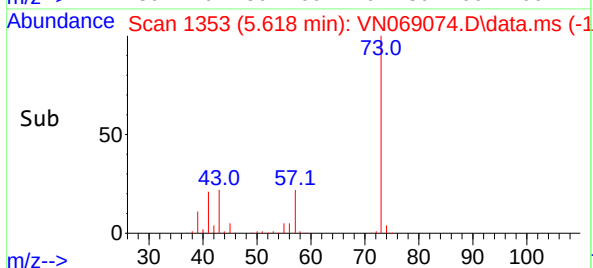
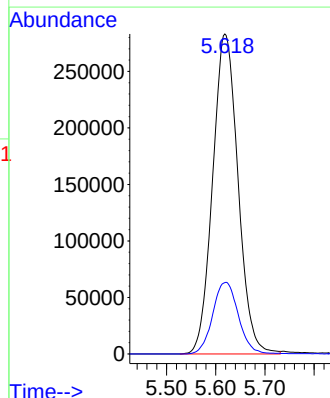
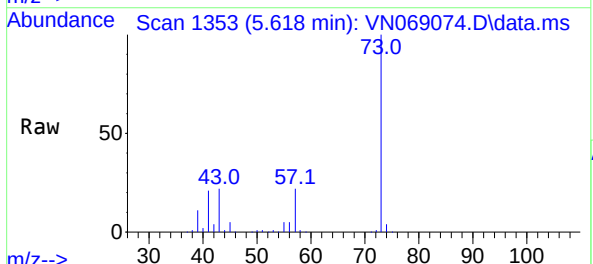
Acq: 20 Oct 2021 20:23

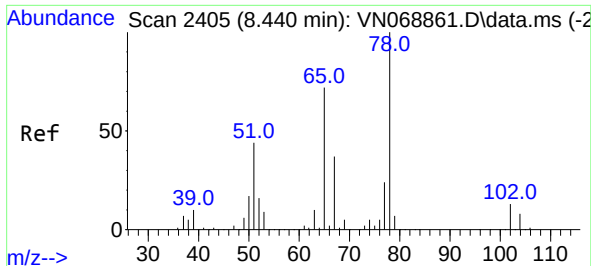
Tgt Ion: 73 Resp: 1015200

Ion Ratio Lower Upper

73 100

57 22.3 17.3 25.9





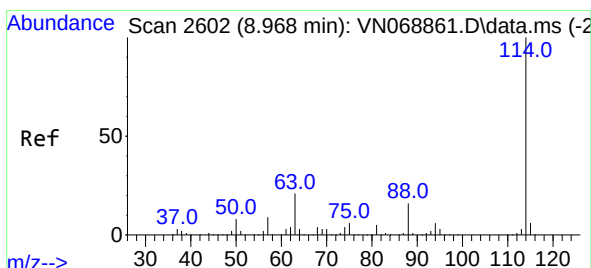
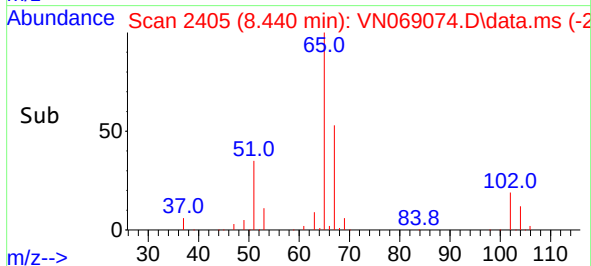
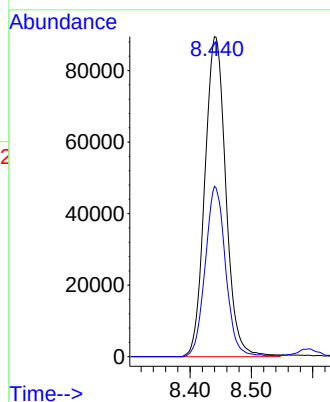
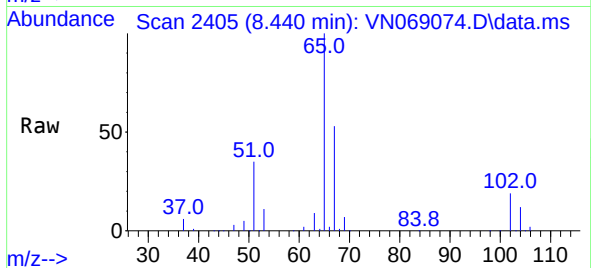
#33
1,2-Dichloroethane-d4
Concen: 49.632 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069074.D
Acq: 20 Oct 2021 20:23

Tgt Ion: 65 Resp: 213139
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.8

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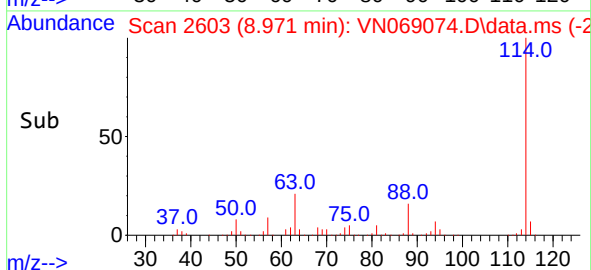
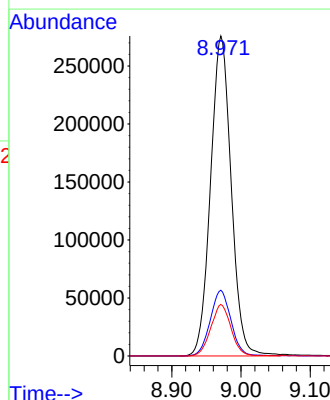
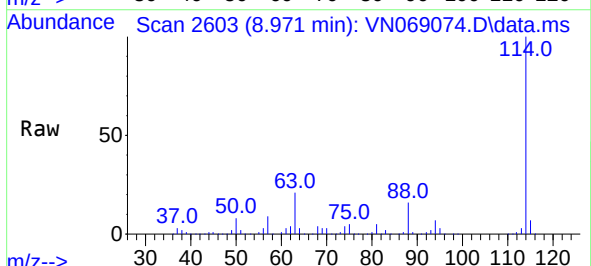
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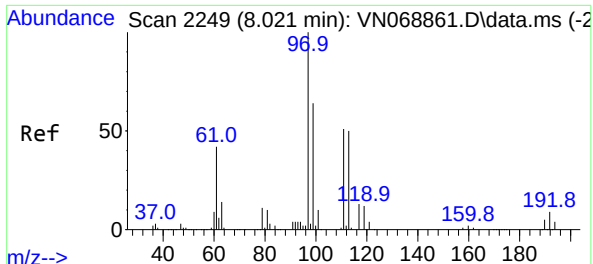
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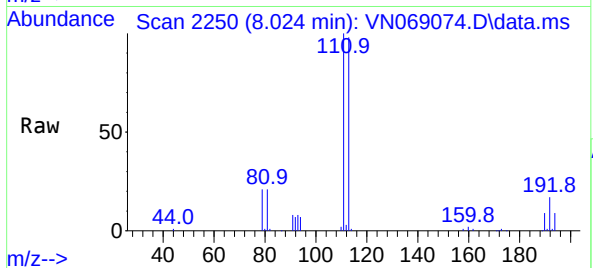
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069074.D
Acq: 20 Oct 2021 20:23

Tgt Ion: 114 Resp: 571237
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.6
88 16.1 0.0 32.0

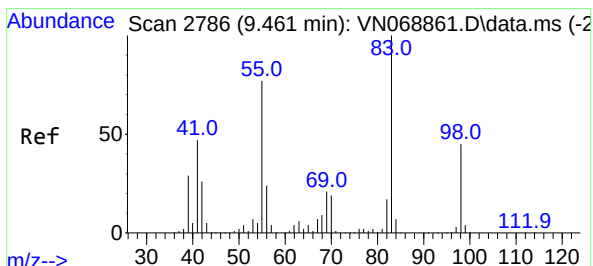
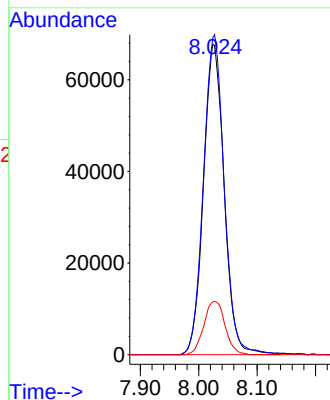
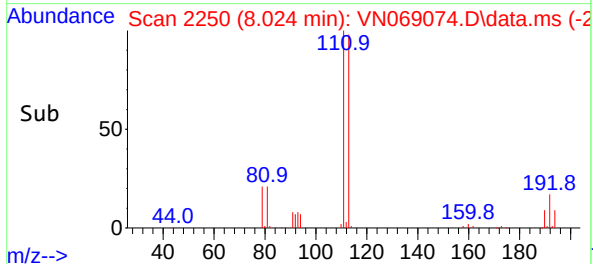




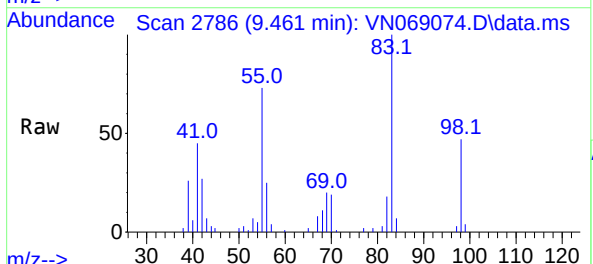
#35
Dibromofluoromethane
Concen: 50.196 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069074.D
Acq: 20 Oct 2021 20:23



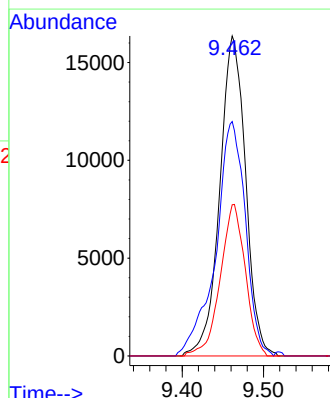
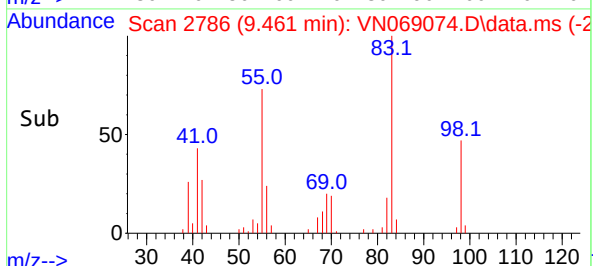
Tgt Ion: 113 Resp: 166828
Ion Ratio Lower Upper
113 100
111 103.6 83.2 124.8
192 17.6 15.0 22.4



#39
Methylcyclohexane
Concen: 5.763 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VN069074.D
Acq: 20 Oct 2021 20:23



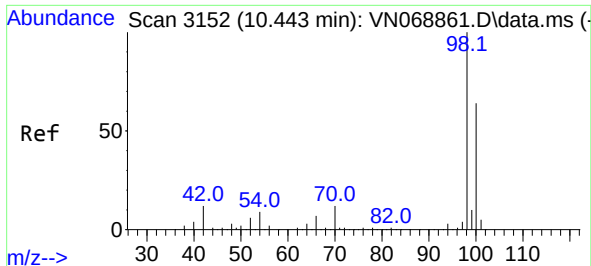
Tgt Ion: 83 Resp: 36191
Ion Ratio Lower Upper
83 100
55 72.1 61.4 92.0
98 47.3 36.4 54.6



Instrument :
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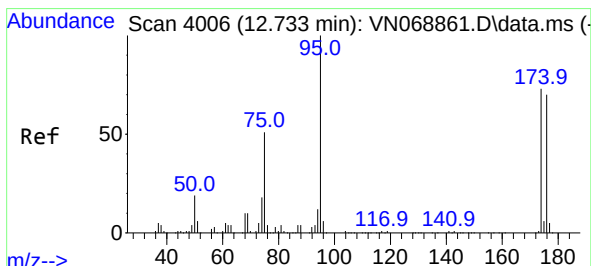
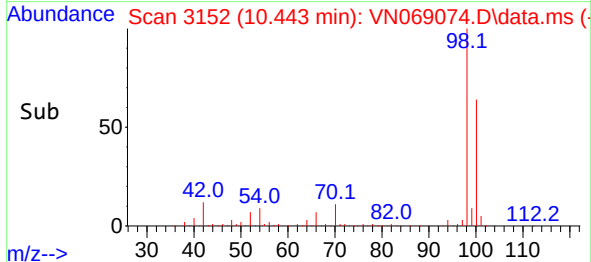
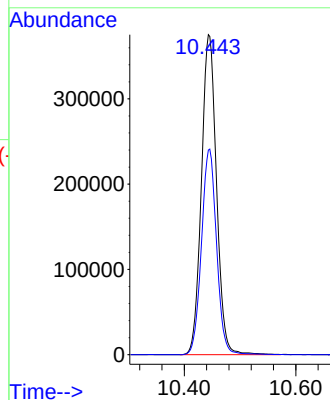
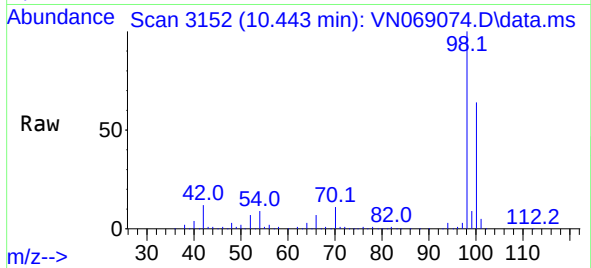
#50
Toluene-d8
Concen: 53.080 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069074.D
Acq: 20 Oct 2021 20:23

Tgt Ion: 98 Resp: 705851
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3

Instrument :
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ClientSampled :
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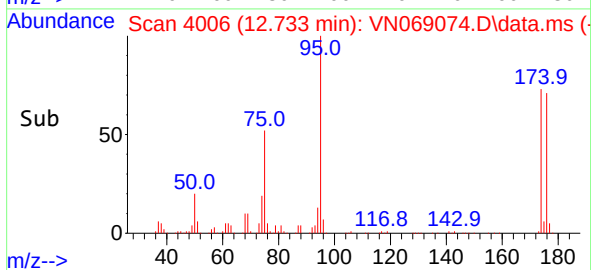
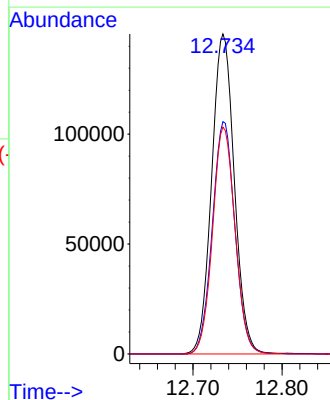
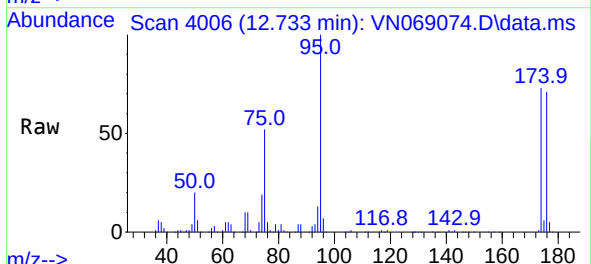
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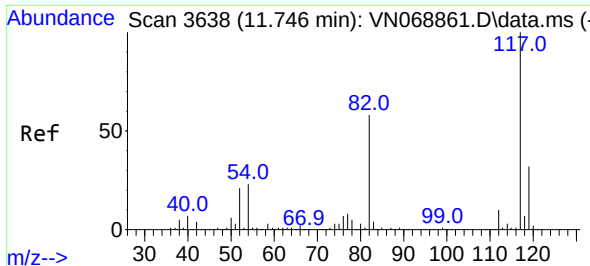
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#62
4-Bromofluorobenzene
Concen: 51.337 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069074.D
Acq: 20 Oct 2021 20:23

Tgt Ion: 95 Resp: 257565
Ion Ratio Lower Upper
95 100
174 72.5 0.0 144.8
176 70.2 0.0 140.0





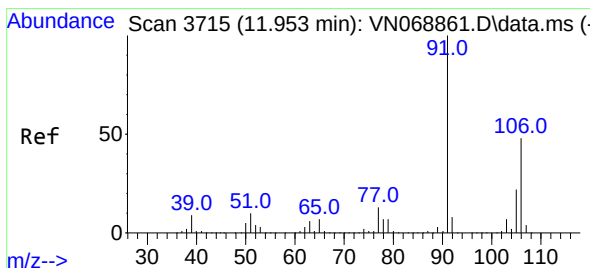
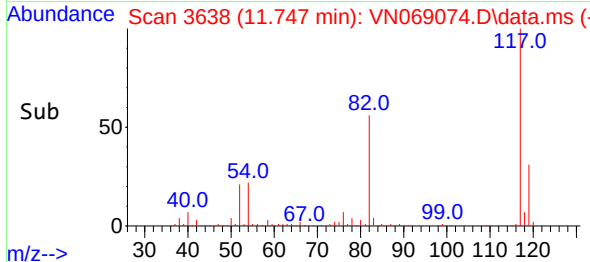
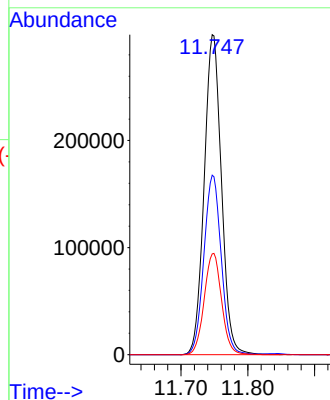
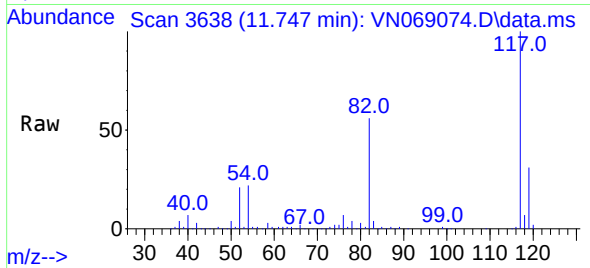
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069074.D
Acq: 20 Oct 2021 20:23

Tgt Ion:117 Resp: 536751
Ion Ratio Lower Upper
117 100
82 56.1 46.4 69.6
119 31.5 26.0 39.0

Instrument :
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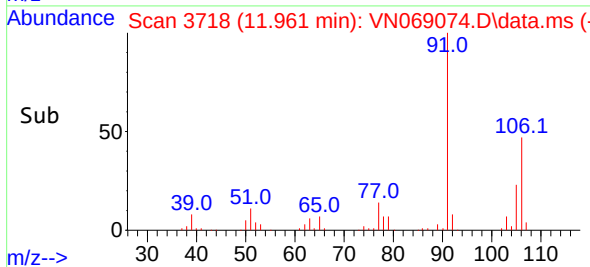
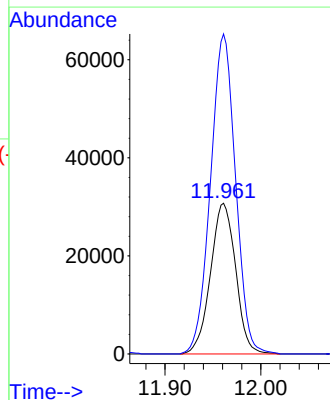
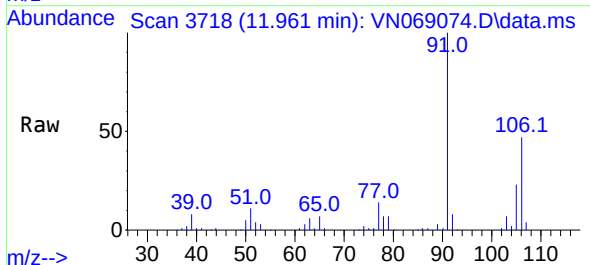
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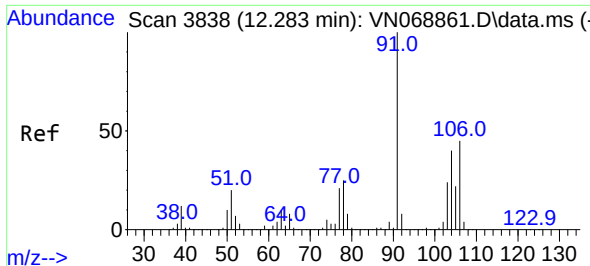
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#68
m/p-Xylenes
Concen: 7.831 ug/l
RT: 11.961 min Scan# 3718
Delta R.T. 0.008 min
Lab File: VN069074.D
Acq: 20 Oct 2021 20:23

Tgt Ion:106 Resp: 56005
Ion Ratio Lower Upper
106 100
91 211.4 166.8 250.2





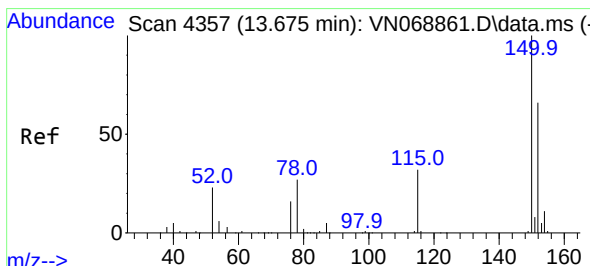
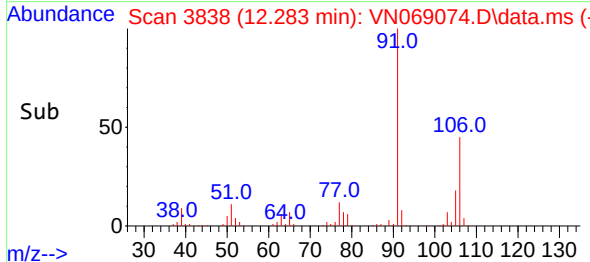
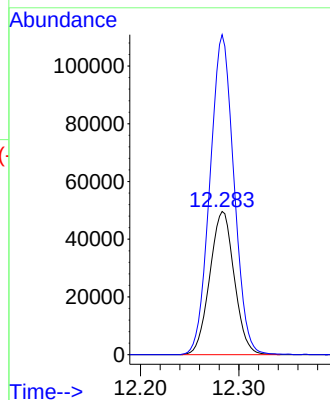
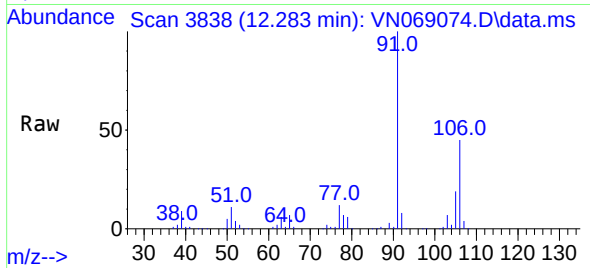
#69
o-Xylene
Concen: 11.984 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN069074.D
Acq: 20 Oct 2021 20:23

Tgt Ion:106 Resp: 85794
Ion Ratio Lower Upper
106 100
91 219.1 109.6 328.6

Instrument :
MSVOA_N
ClientSampled :
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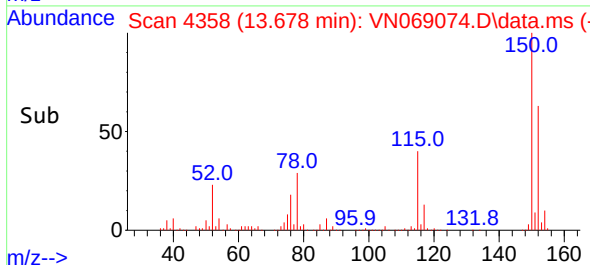
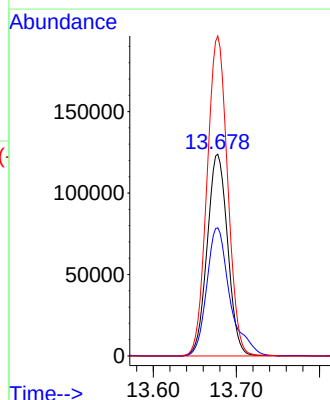
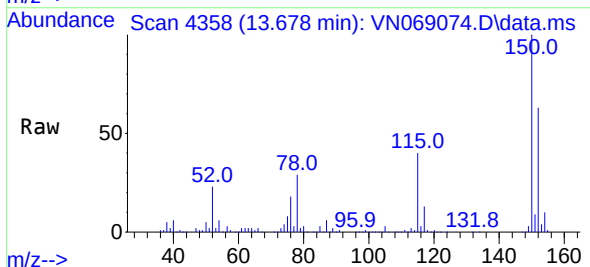
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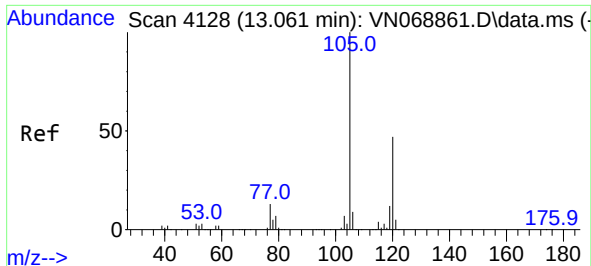
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069074.D
Acq: 20 Oct 2021 20:23

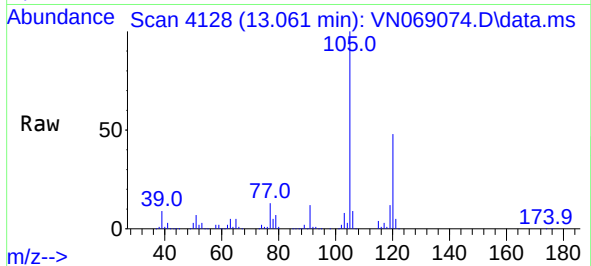
Tgt Ion:152 Resp: 212201
Ion Ratio Lower Upper
152 100
115 72.1 31.4 94.3
150 159.0 0.0 351.0





#80
1,3,5-Trimethylbenzene
Concen: 15.109 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069074.D
Acq: 20 Oct 2021 20:23

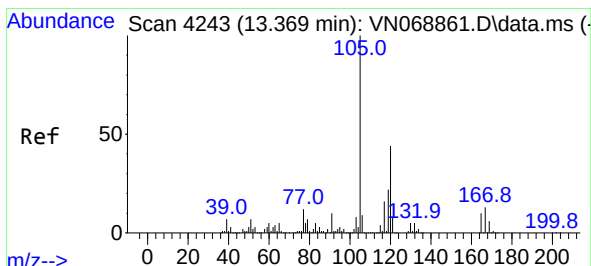
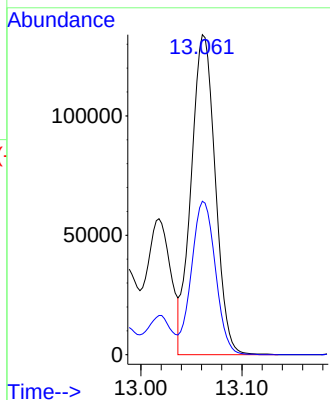
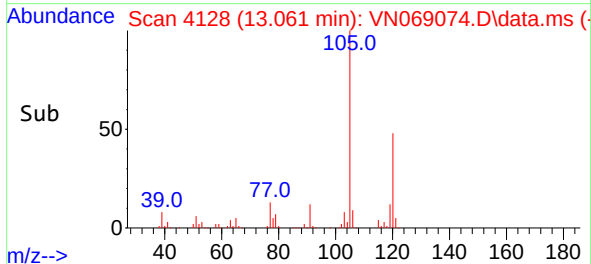
Instrument :
MSVOA_N
ClientSampled :
133-134



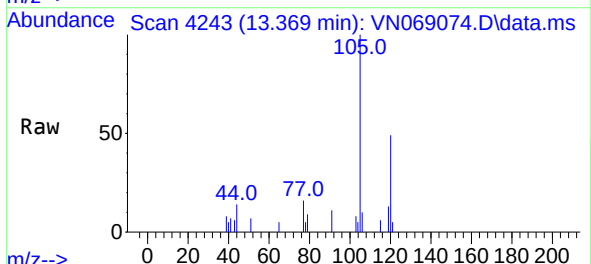
Tgt Ion:105 Resp: 222285
Ion Ratio Lower Upper
105 100
120 47.8 23.4 70.2

Manual Integrations
APPROVED

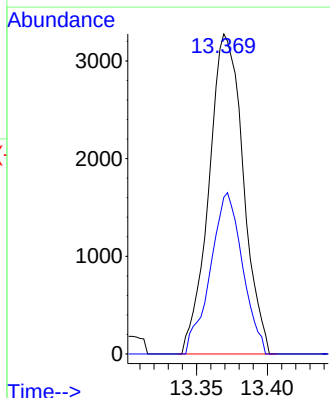
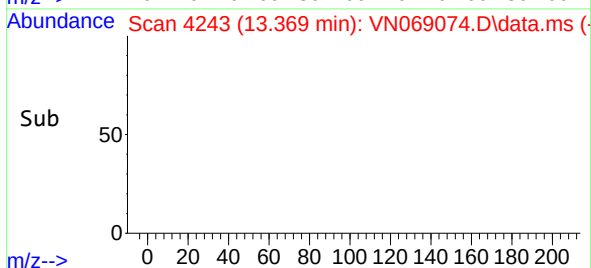
MMDadoda
10/21/2021 6:55:27 PM

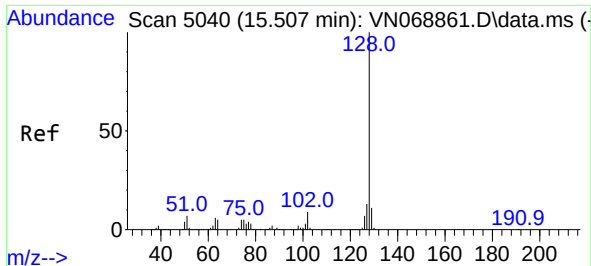


#84
1,2,4-Trimethylbenzene
Concen: 0.389 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069074.D
Acq: 20 Oct 2021 20:23

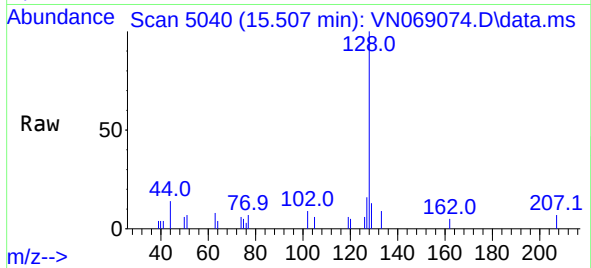


Tgt Ion:105 Resp: 5518
Ion Ratio Lower Upper
105 100
120 1944.9 21.9 65.5#

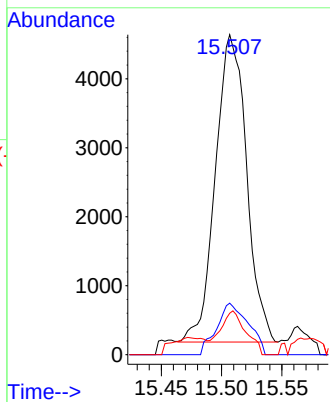
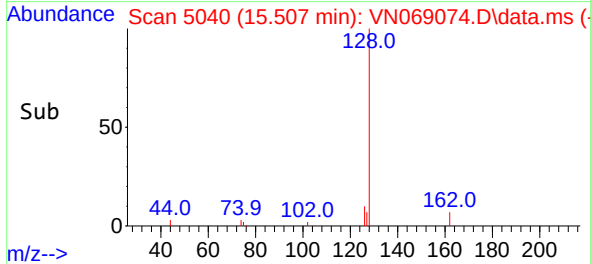




#95
Naphthalene
Concen: 4.563 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069074.D
Acq: 20 Oct 2021 20:23



Tgt Ion:128 Resp: 8009
Ion Ratio Lower Upper
128 100
127 17.0 10.5 15.7#
129 11.6 8.9 13.3



Instrument :
MSVOA_N
ClientSampleId :
133-134

Manual Integrations
APPROVED

MMDadoda
10/21/2021 6:55:27 PM