

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110121\
 Data File : VN069334.D
 Acq On : 1 Nov 2021 21:15
 Operator : JC/MD
 Sample : M4430-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TMW-2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/15/2021

Quant Time: Nov 02 05:51:44 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	283571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	511146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	524167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	221477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	198422	48.473	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.940%		
35) Dibromofluoromethane	8.024	113	147864	46.406	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.820%		
50) Toluene-d8	10.443	98	647102	50.794	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.580%		
62) 4-Bromofluorobenzene	12.733	95	255488	53.145	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.280%		
Target Compounds					Qvalue	
16) Acetone	4.307	43	5516	3.163	ug/l	90
40) Benzene	8.461	78	11879	0.896	ug/l	98
44) Trichloroethene	9.217	130	2098	0.629	ug/l	86
52) Toluene	10.505	92	2323	0.267	ug/l	100
64) Tetrachloroethene	10.977	164	2376	0.710	ug/l	92
67) Ethyl Benzene	11.846	91	46951	2.498	ug/l	99
68) m/p-Xylenes	11.958	106	36143	5.163	ug/l	97
78) n-propylbenzene	12.924	91	12056m	0.572	ug/l	
80) 1,3,5-Trimethylbenzene	13.061	105	17177	1.111	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	42291	2.798	ug/l	99
95) Naphthalene	15.509	128	7099	3.907	ug/l	96

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

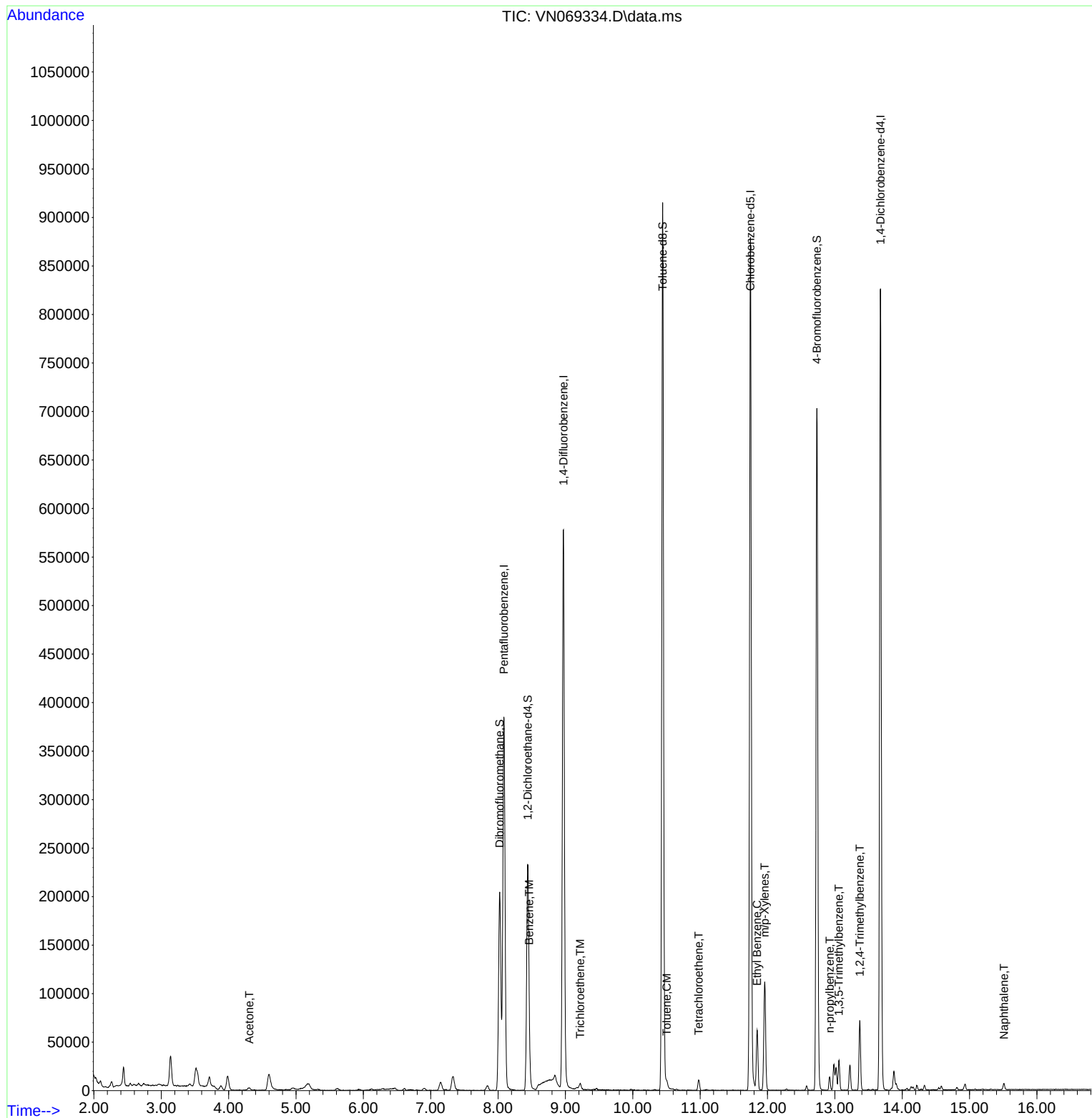
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110121\
Data File : VN069334.D
Acq On : 1 Nov 2021 21:15
Operator : JC/MD
Sample : M4430-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

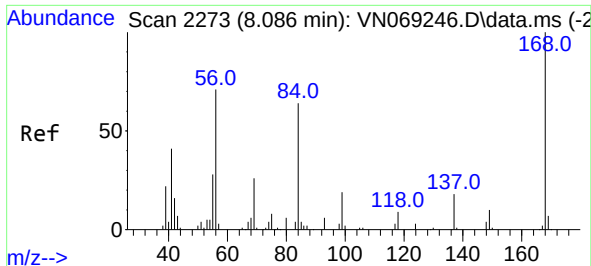
Instrument :
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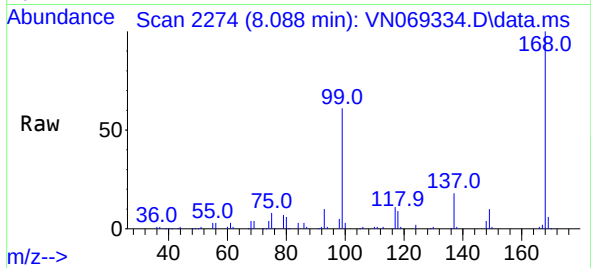
Quant Time: Nov 02 05:51:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 28 16:09:15 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069334.D
Acq: 1 Nov 2021 21:15

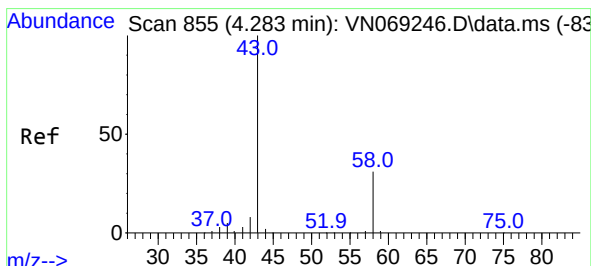
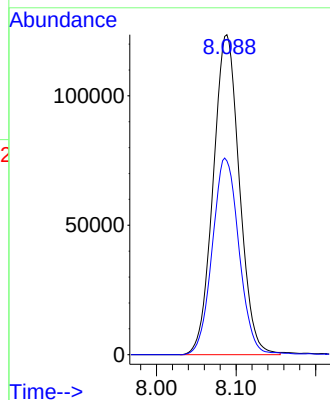
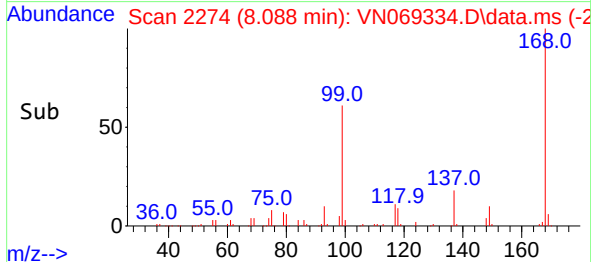
Instrument :
MSVOA_N
ClientSampleId :
TMW-2



Tgt Ion:168 Resp: 28357
Ion Ratio Lower Upper
168 100
99 60.6 48.9 73.3

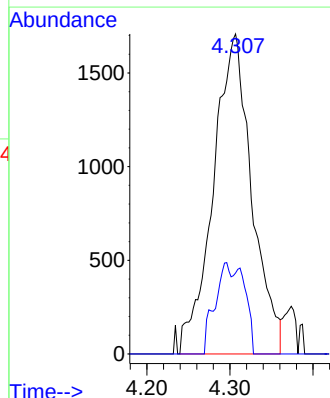
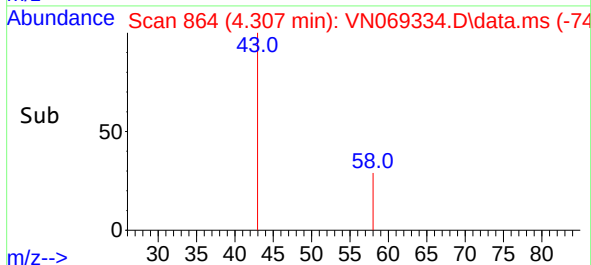
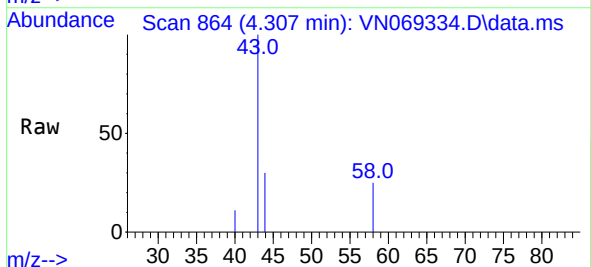
Manual Integrations
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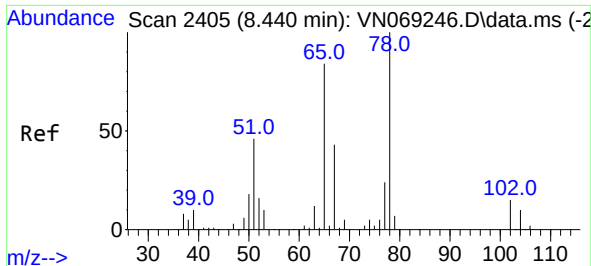
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/15/2021



#16
Acetone
Concen: 3.163 ug/l
RT: 4.307 min Scan# 864
Delta R.T. 0.024 min
Lab File: VN069334.D
Acq: 1 Nov 2021 21:15

Tgt Ion: 43 Resp: 5516
Ion Ratio Lower Upper
43 100
58 25.3 24.5 36.7





#33

1,2-Dichloroethane-d4

Concen: 48.473 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069334.D

Acq: 1 Nov 2021 21:15

Instrument :

MSVOA_N

ClientSampleId :

TMW-2

Tgt Ion: 65 Resp: 19842

Ion Ratio Lower Upper

65 100

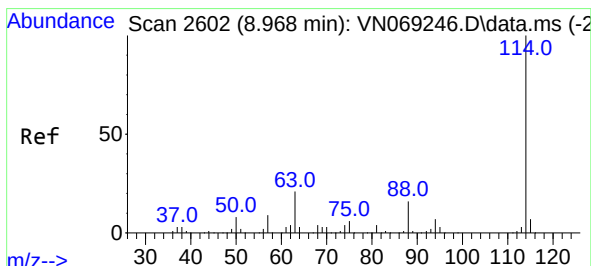
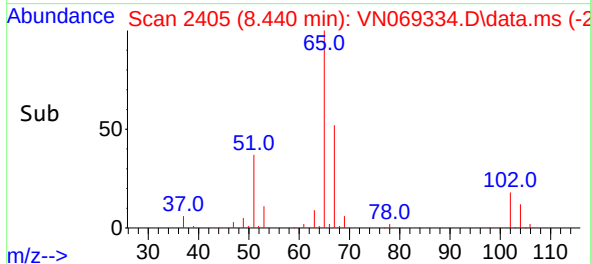
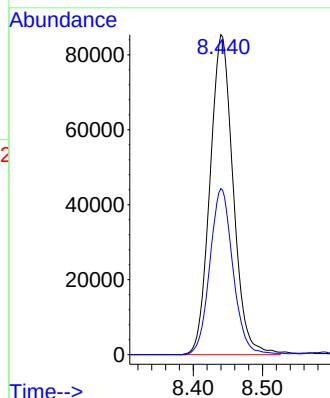
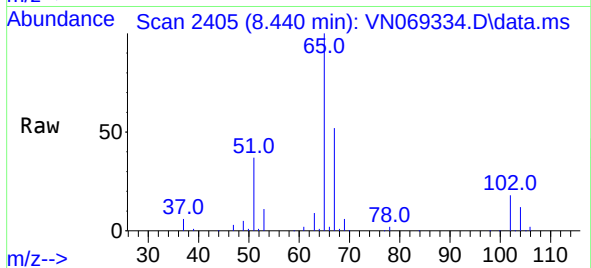
67 51.7 0.0 103.8

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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: VN069334.D

Acq: 1 Nov 2021 21:15

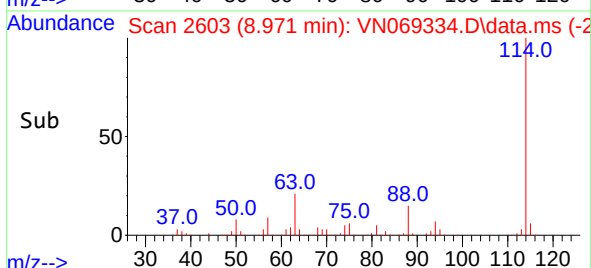
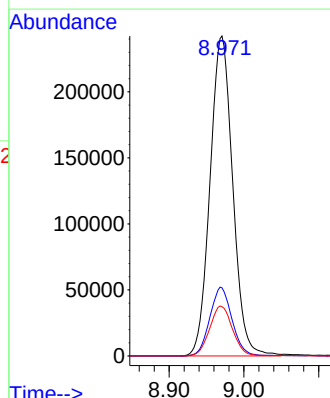
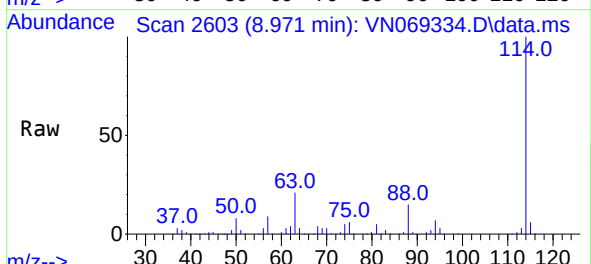
Tgt Ion:114 Resp: 511146

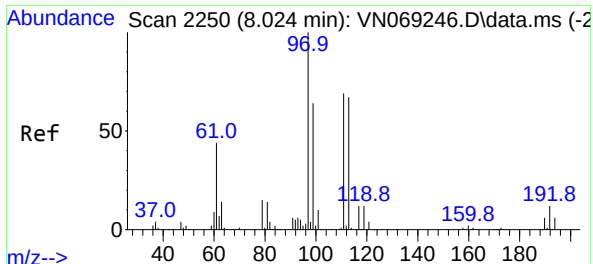
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.6

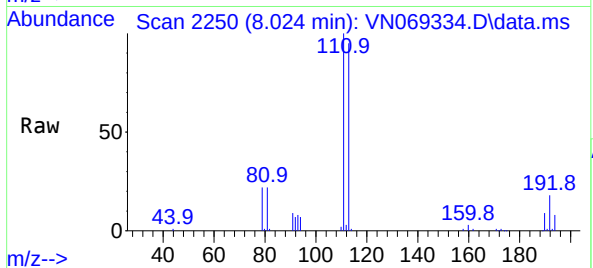
88 15.4 0.0 32.0





#35
Dibromofluoromethane
Concen: 46.406 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VN069334.D
Acq: 1 Nov 2021 21:15

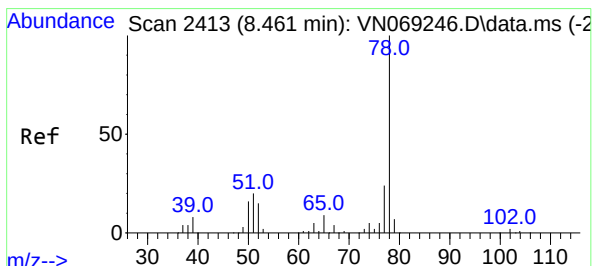
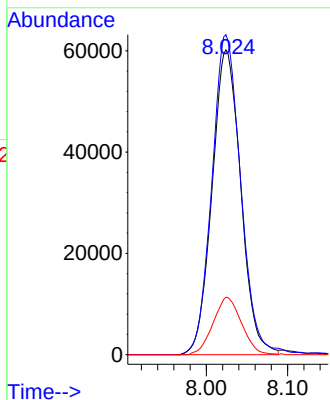
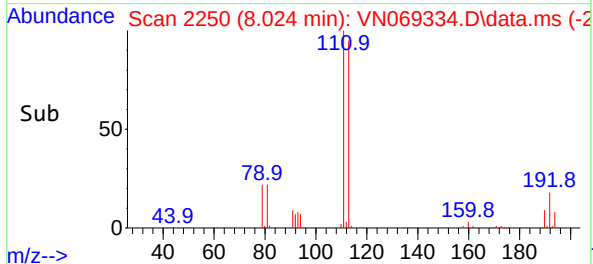
Instrument :
MSVOA_N
ClientSampleId :
TMW-2



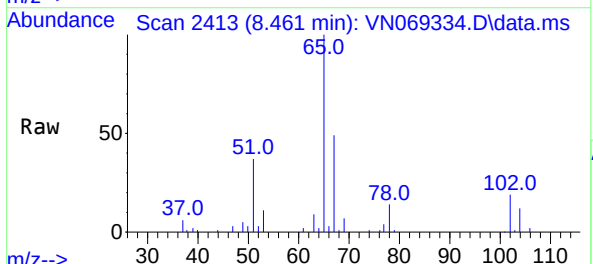
Tgt Ion:113 Resp: 147864
Ion Ratio Lower Upper
113 100
111 105.3 83.2 124.8
192 18.7 15.0 22.4

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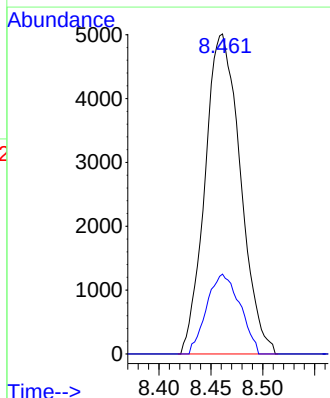
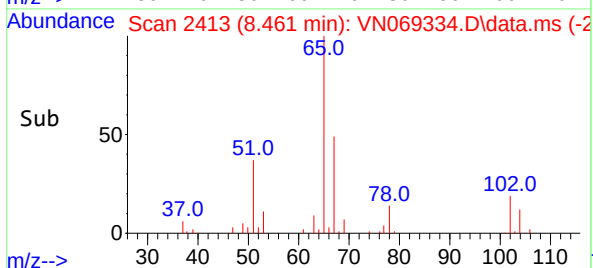
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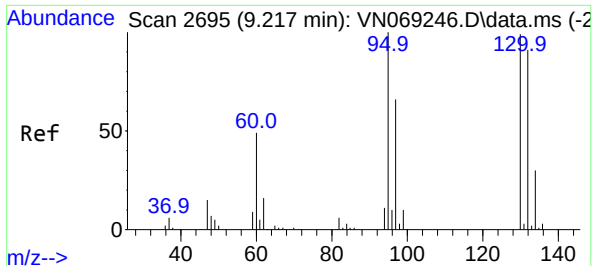


#40
Benzene
Concen: 0.896 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069334.D
Acq: 1 Nov 2021 21:15



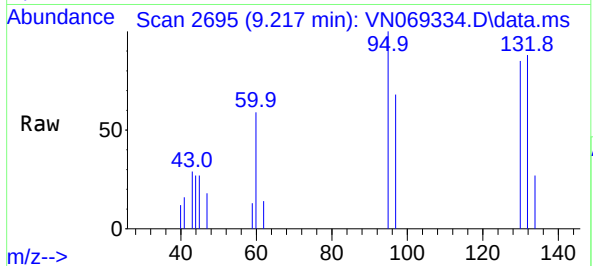
Tgt Ion: 78 Resp: 11879
Ion Ratio Lower Upper
78 100
77 25.0 19.1 28.7





#44
Trichloroethene
Concen: 0.629 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069334.D
Acq: 1 Nov 2021 21:15

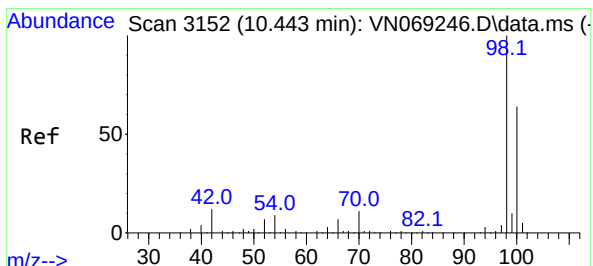
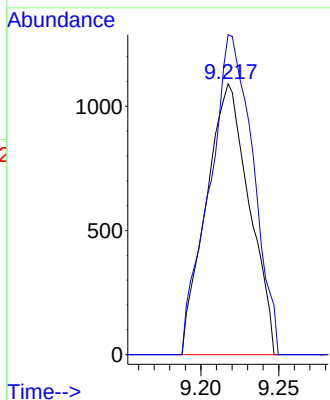
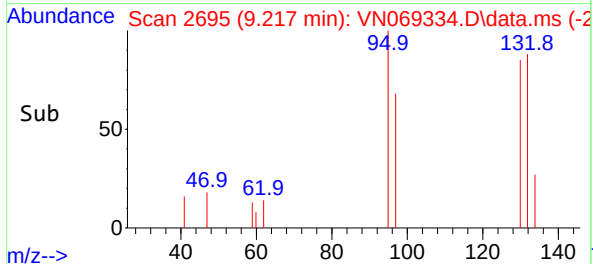
Instrument :
MSVOA_N
ClientSampleId :
TMW-2



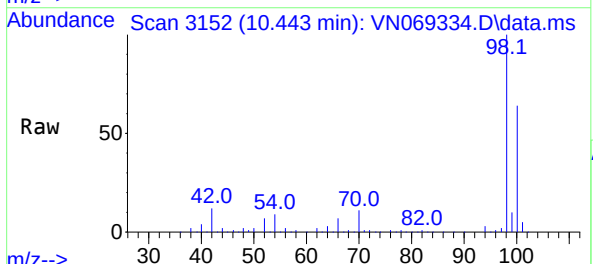
Tgt Ion:130 Resp: 2098
Ion Ratio Lower Upper
130 100
95 118.1 0.0 208.0

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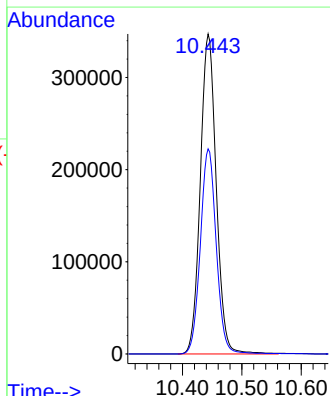
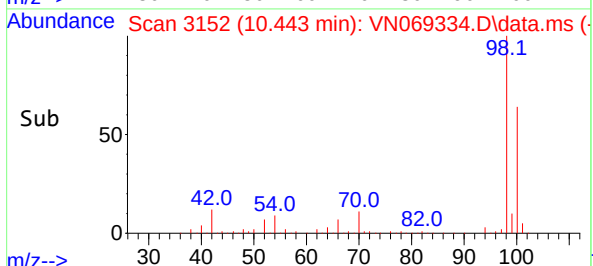
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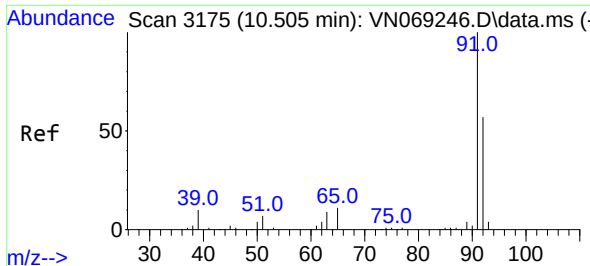


#50
Toluene-d8
Concen: 50.794 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069334.D
Acq: 1 Nov 2021 21:15



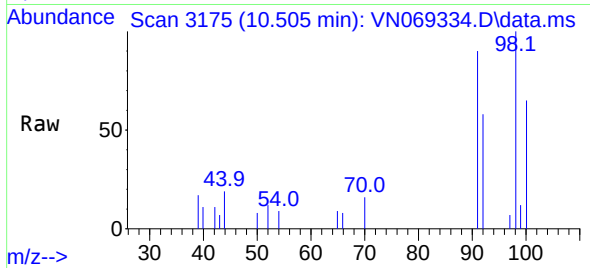
Tgt Ion: 98 Resp: 647102
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3





#52
Toluene
Concen: 0.267 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069334.D
Acq: 1 Nov 2021 21:15

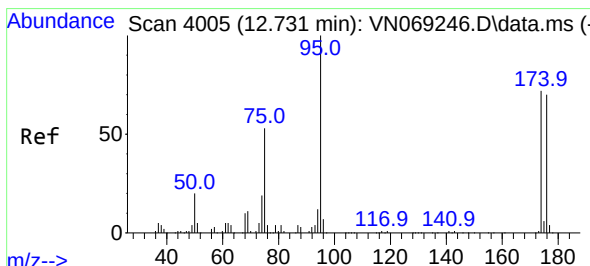
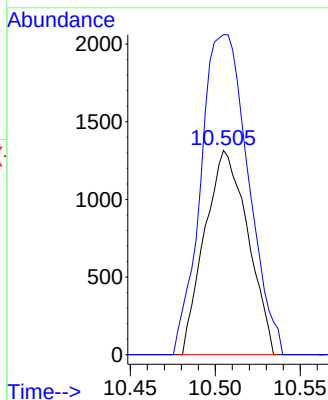
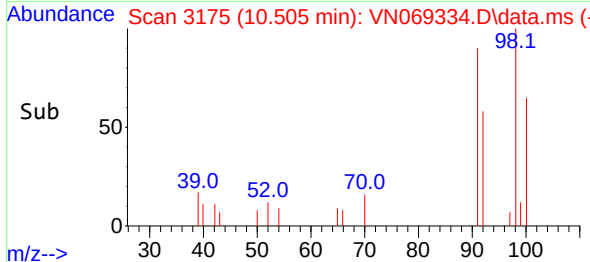
Instrument :
MSVOA_N
ClientSampleId :
TMW-2



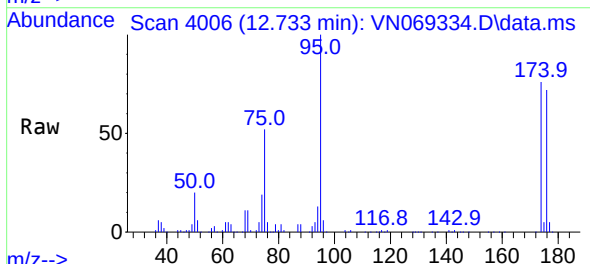
Tgt Ion: 92 Resp: 232
Ion Ratio Lower Upper
92 100
91 172.4 138.5 207.7

Manual Integrations
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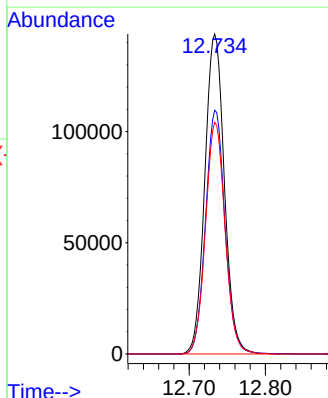
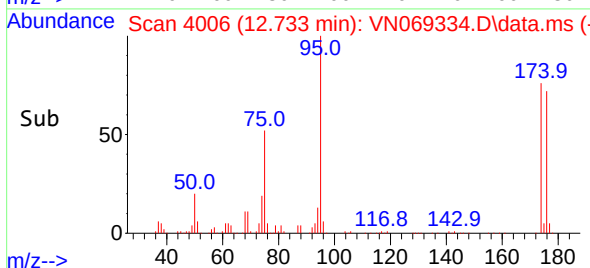
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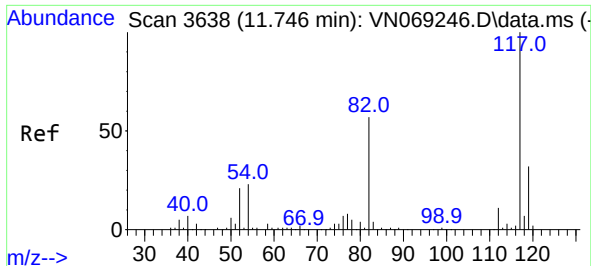


#62
4-Bromofluorobenzene
Concen: 53.145 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN069334.D
Acq: 1 Nov 2021 21:15



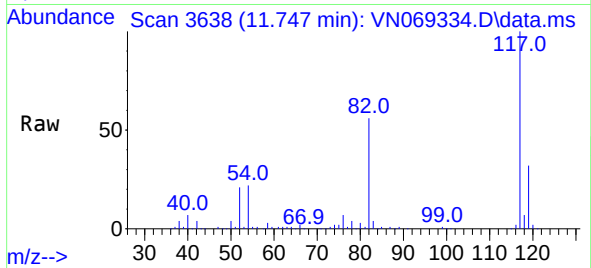
Tgt Ion: 95 Resp: 255488
Ion Ratio Lower Upper
95 100
174 76.1 0.0 144.8
176 72.6 0.0 140.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069334.D
Acq: 1 Nov 2021 21:15

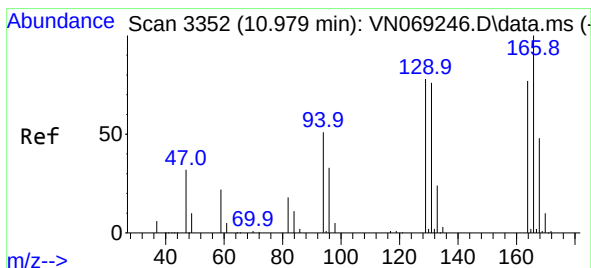
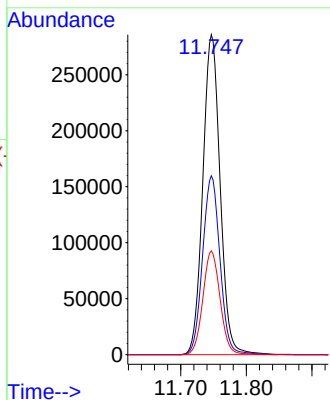
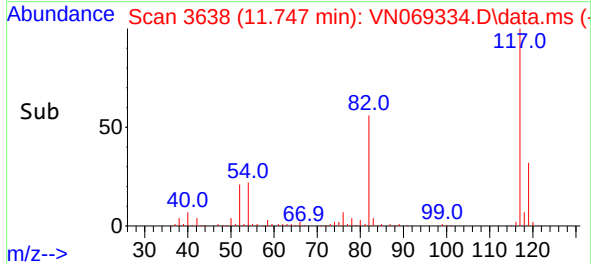
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TMW-2



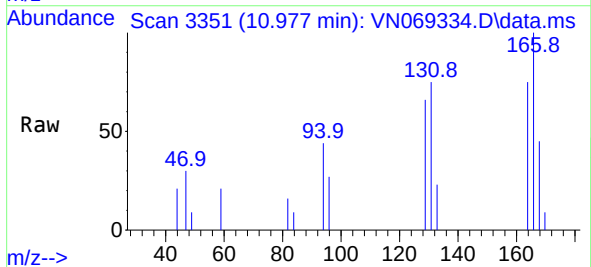
Tgt Ion:117 Resp: 52416
Ion Ratio Lower Upper
117 100
82 55.9 46.4 69.6
119 32.4 26.0 39.0

Manual Integrations
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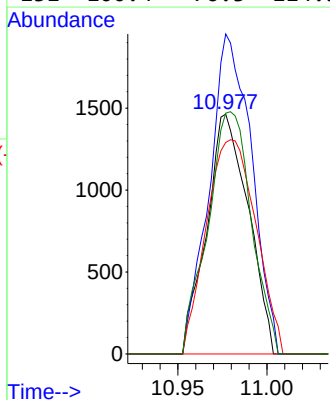
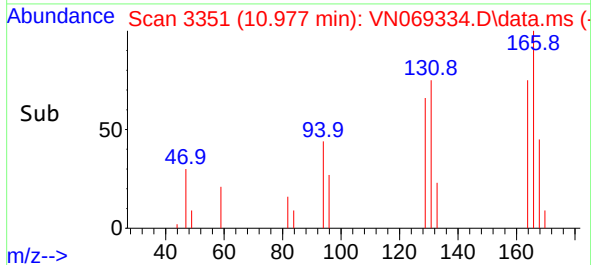
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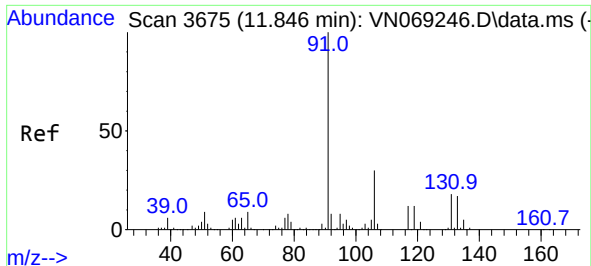


#64
Tetrachloroethene
Concen: 0.710 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069334.D
Acq: 1 Nov 2021 21:15



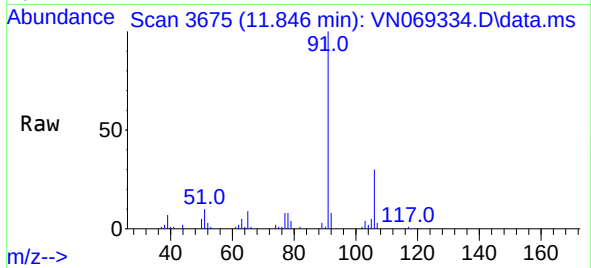
Tgt Ion:164 Resp: 2376
Ion Ratio Lower Upper
164 100
166 133.4 99.8 149.8
129 88.2 79.2 118.8
131 100.4 76.3 114.5





#67
Ethyl Benzene
Concen: 2.498 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069334.D
Acq: 1 Nov 2021 21:15

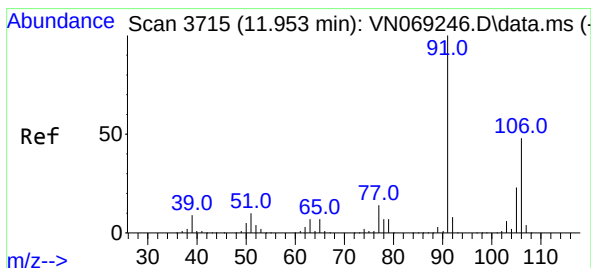
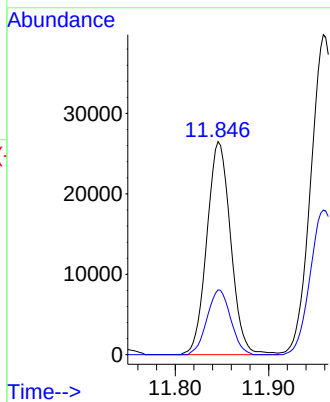
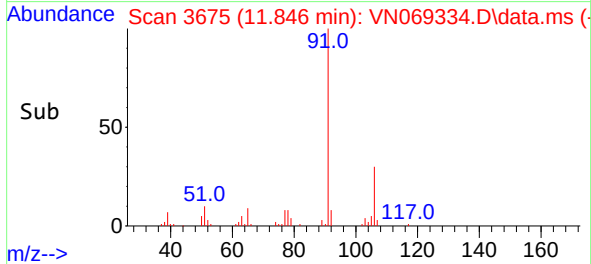
Instrument :
MSVOA_N
ClientSampleId :
TMW-2



Tgt Ion: 91 Resp: 4695
Ion Ratio Lower Upper
91 100
106 30.4 24.8 37.2

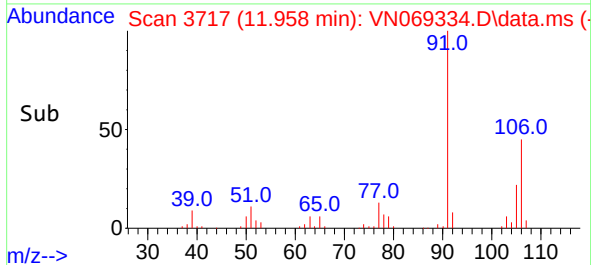
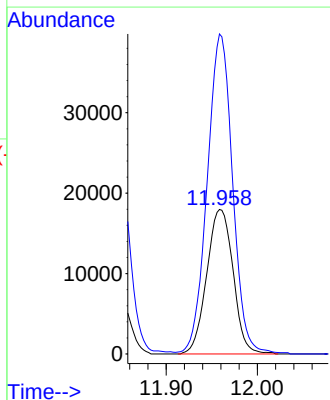
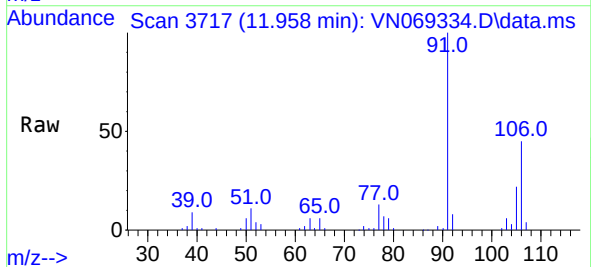
Manual Integrations
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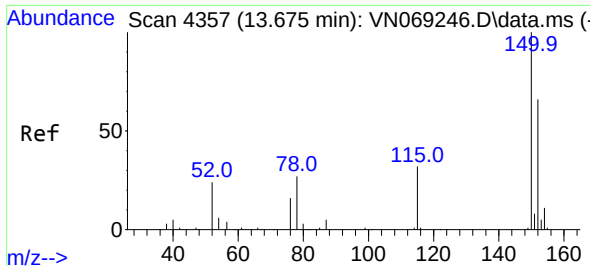
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/15/2021



#68
m/p-Xylenes
Concen: 5.163 ug/l
RT: 11.958 min Scan# 3717
Delta R.T. 0.005 min
Lab File: VN069334.D
Acq: 1 Nov 2021 21:15

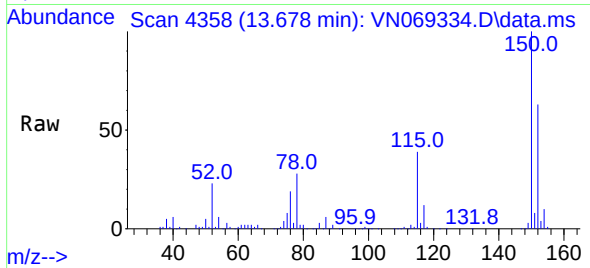
Tgt Ion:106 Resp: 36143
Ion Ratio Lower Upper
106 100
91 213.6 166.8 250.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN069334.D
Acq: 1 Nov 2021 21:15

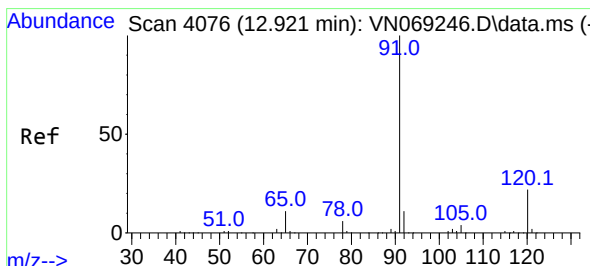
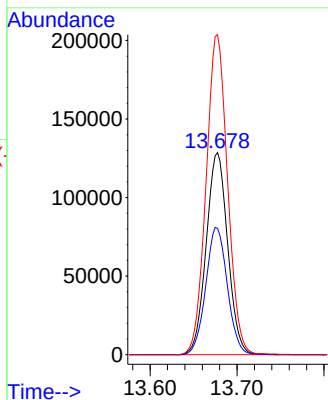
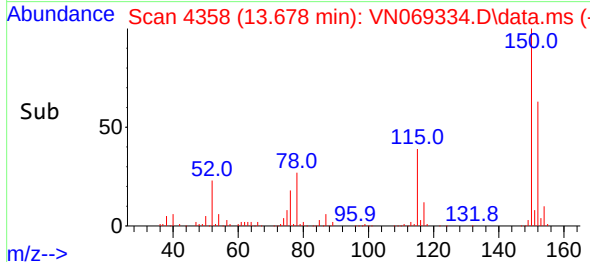
Instrument :
MSVOA_N
ClientSampleId :
TMW-2



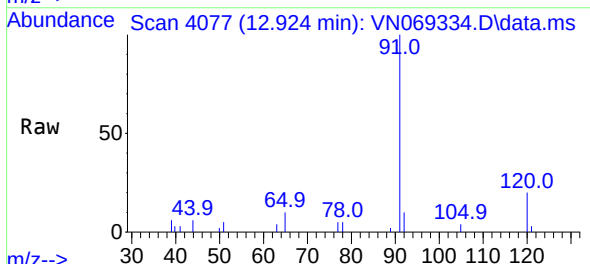
Tgt Ion:152 Resp: 221477
Ion Ratio Lower Upper
152 100
115 63.1 31.4 94.3
150 158.3 0.0 351.0

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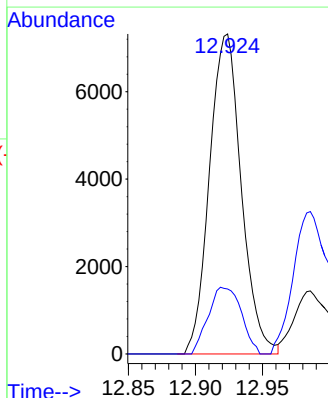
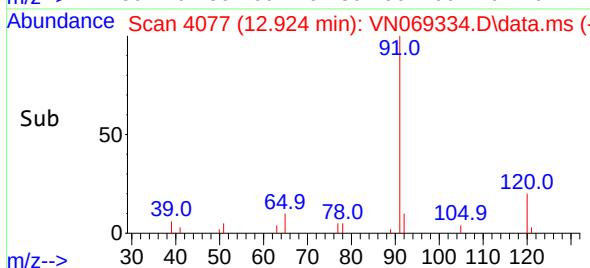
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/15/2021

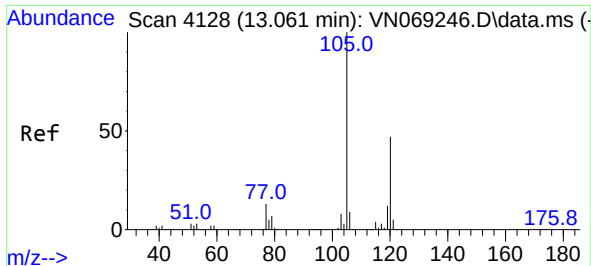


#78
n-propylbenzene
Concen: 0.572 ug/l m
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN069334.D
Acq: 1 Nov 2021 21:15



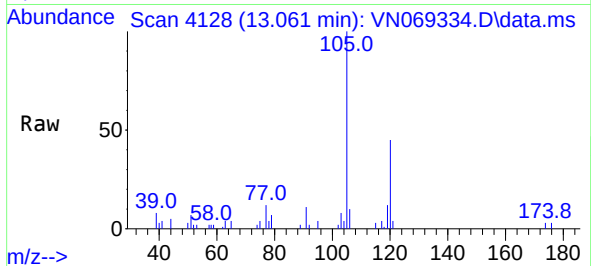
Tgt Ion: 91 Resp: 12056
Ion Ratio Lower Upper
91 100
120 0.0 11.4 34.1#





#80
1,3,5-Trimethylbenzene
Concen: 1.111 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069334.D
Acq: 1 Nov 2021 21:15

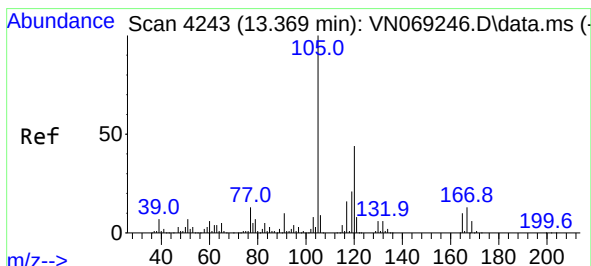
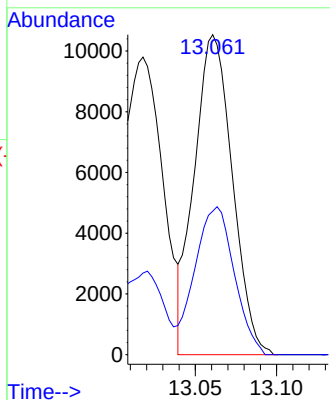
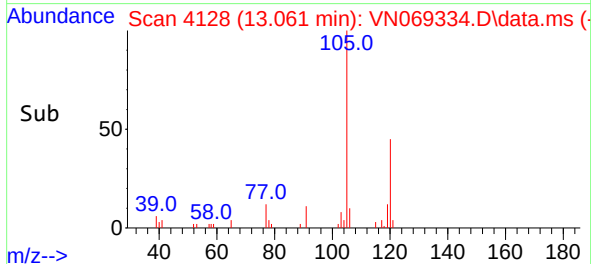
Instrument :
MSVOA_N
ClientSampleId :
TMW-2



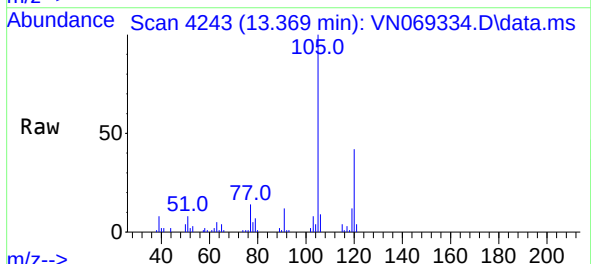
Tgt Ion:105 Resp: 1717
Ion Ratio Lower Upper
105 100
120 48.2 23.4 70.2

Manual Integrations
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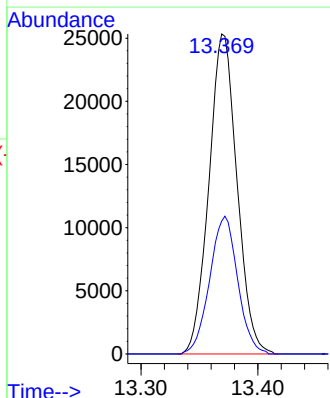
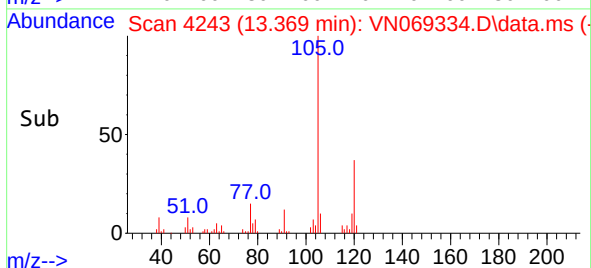
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/15/2021

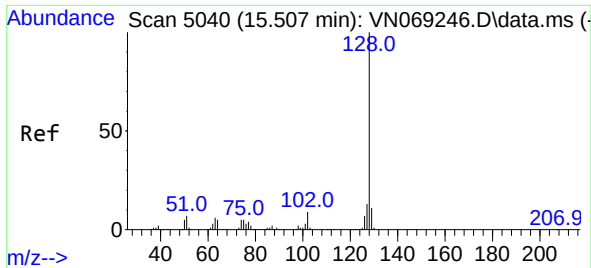


#84
1,2,4-Trimethylbenzene
Concen: 2.798 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069334.D
Acq: 1 Nov 2021 21:15



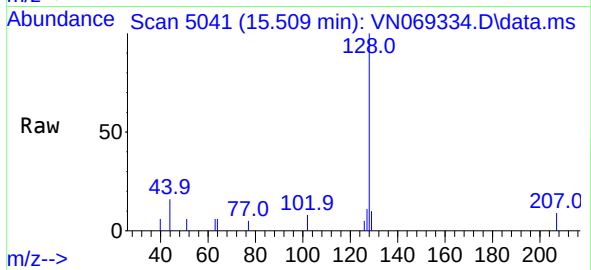
Tgt Ion:105 Resp: 42291
Ion Ratio Lower Upper
105 100
120 42.9 21.9 65.5





#95
Naphthalene
Concen: 3.907 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN069334.D
Acq: 1 Nov 2021 21:15

Instrument :
MSVOA_N
ClientSampleId :
TMW-2



Tgt Ion:128 Resp: 7099
Ion Ratio Lower Upper
128 100
127 11.3 10.5 15.7
129 10.0 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/15/2021

