

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
 Data File : VN069556.D
 Acq On : 18 Nov 2021 16:34
 Operator : JC/MD
 Sample : M4739-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/19/2021
 Supervised By : Semsettin Yesilyurt 11/19/2021

Quant Time: Nov 19 03:19:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	1344630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	2369254	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2383764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	886144	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1001765	51.38	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.76%			
35) Dibromofluoromethane	8.027	113	691331	48.65	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.30%			
50) Toluene-d8	10.443	98	3029650	54.21	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.42%			
62) 4-Bromofluorobenzene	12.733	95	1076177	52.42	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.84%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.390	59	94865	27.00	ug/l	100
16) Acetone	4.296	43	259674	24.69	ug/l	95
19) Methyl tert-butyl Ether	5.621	73	714148	15.48	ug/l #	64
22) Diisopropyl ether	6.501	45	1881656	36.25	ug/l	90
27) cis-1,2-Dichloroethene	7.335	96	5836m	0.39	ug/l	
40) Benzene	8.464	78	67552	1.10	ug/l	97
52) Toluene	10.513	92	11773	0.31	ug/l	100
73) Isopropylbenzene	12.581	105	25715	0.36	ug/l	100
78) n-propylbenzene	12.921	91	30631	0.39	ug/l	96

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

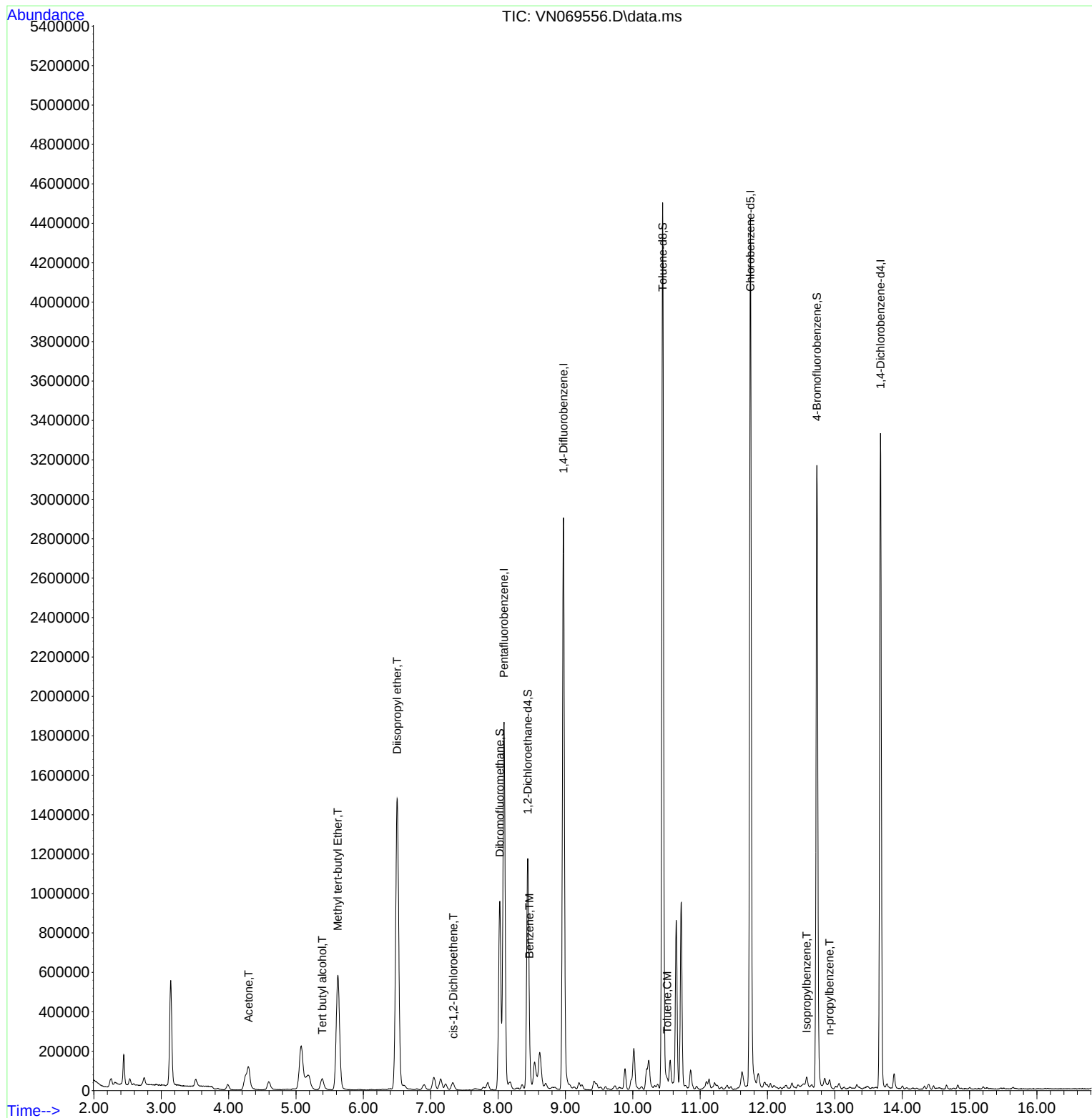
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
Data File : VN069556.D
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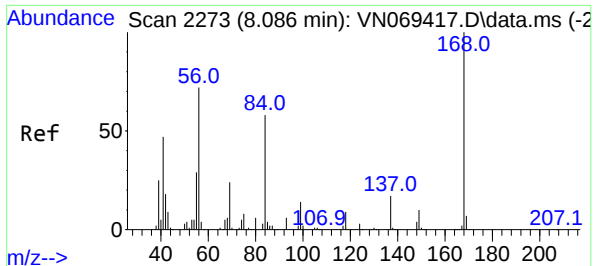
Instrument :
MSVOA_N
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MW-14

Quant Time: Nov 19 03:19:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 09 18:18:22 2021
Response via : Initial Calibration

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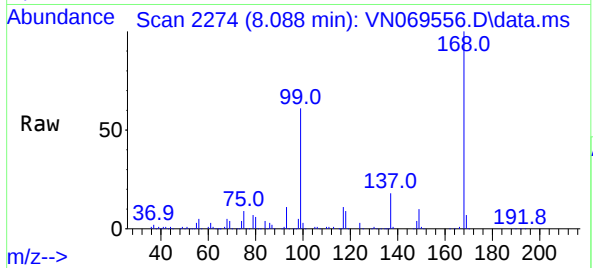
Reviewed By : John Carlone 11/19/2021
Supervised By : Semsettin Yesilyurt 11/19/2021





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 2273
Delta R.T. 0.002 min
Lab File: VN069556.D
Acq: 18 Nov 2021 16:34

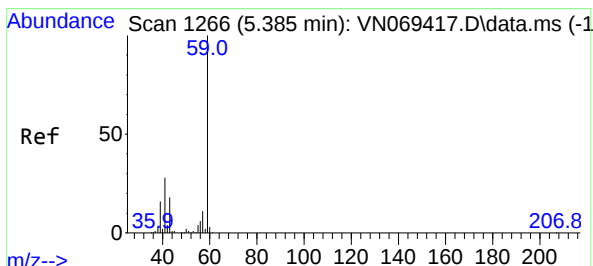
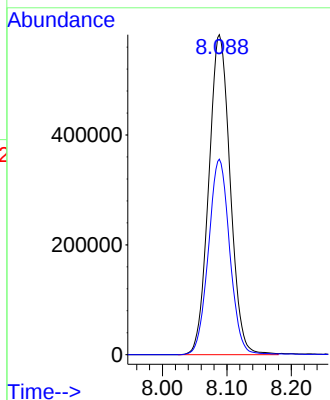
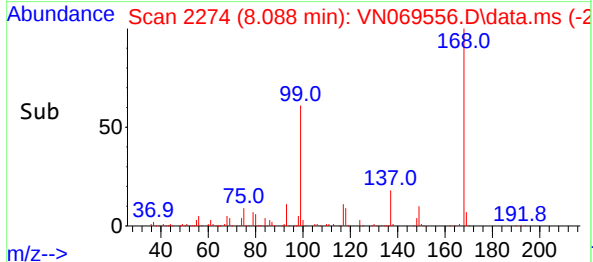
Instrument :
MSVOA_N
ClientSampleId :
MW-14



Tgt Ion:168 Resp: 1344630
Ion Ratio Lower Upper
168 100
99 61.1 41.3 61.9

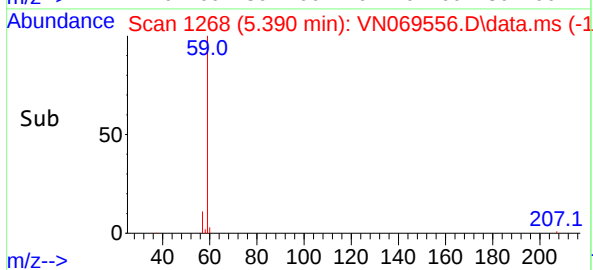
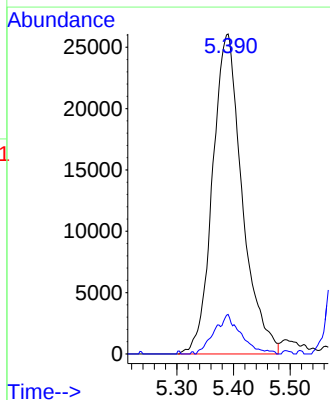
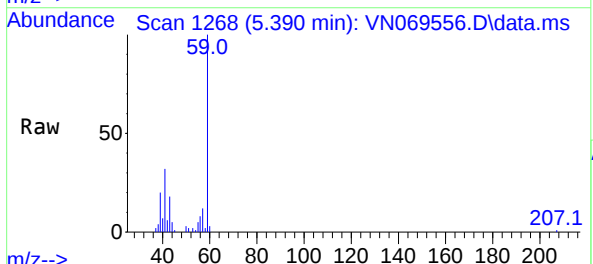
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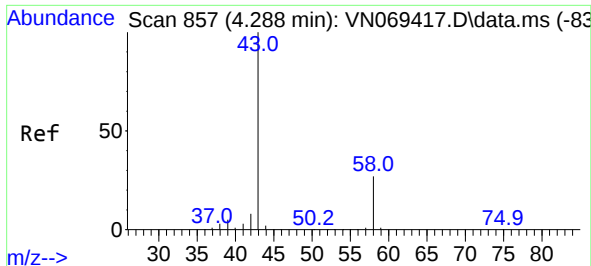
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#11
Tert butyl alcohol
Concen: 27.00 ug/l
RT: 5.390 min Scan# 1268
Delta R.T. 0.005 min
Lab File: VN069556.D
Acq: 18 Nov 2021 16:34

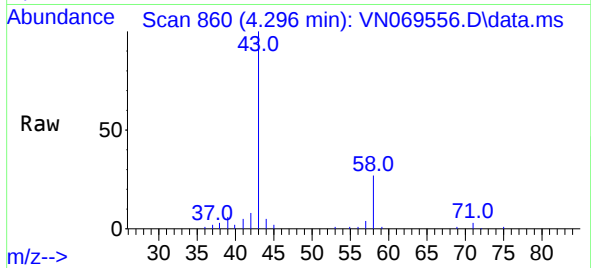
Tgt Ion: 59 Resp: 94865
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1





#16
Acetone
Concen: 24.69 ug/l
RT: 4.296 min Scan# 80
Delta R.T. 0.008 min
Lab File: VN069556.D
Acq: 18 Nov 2021 16:34

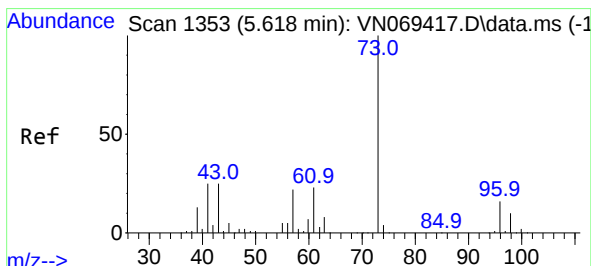
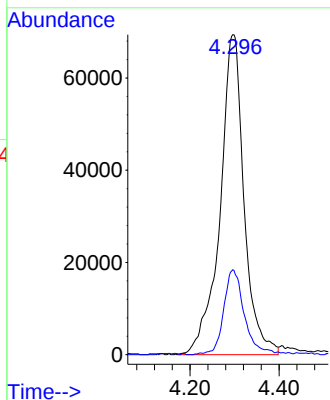
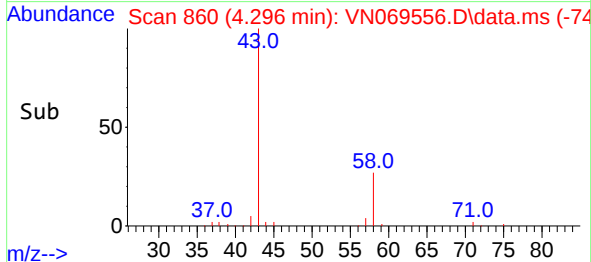
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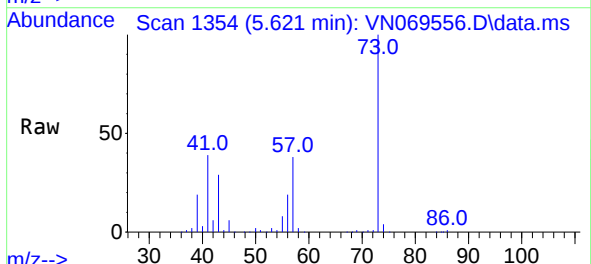
Tgt Ion: 43 Resp: 259674
Ion Ratio Lower Upper
43 100
58 26.3 23.1 34.7

Manual Integrations
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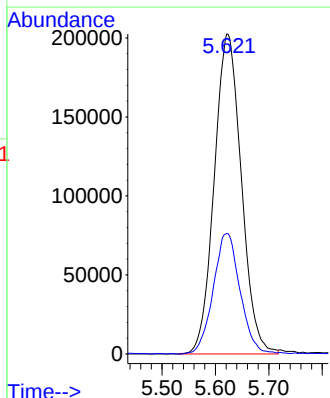
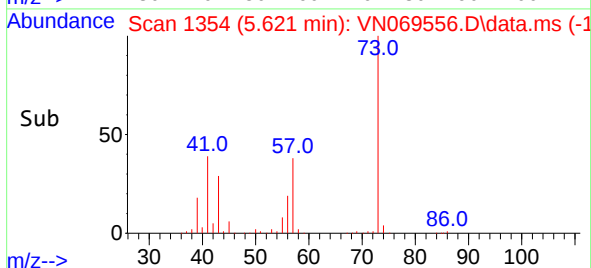
Reviewed By :John Carlone 11/19/2021
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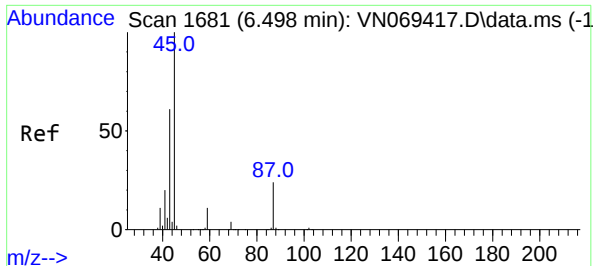


#19
Methyl tert-butyl Ether
Concen: 15.48 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. 0.003 min
Lab File: VN069556.D
Acq: 18 Nov 2021 16:34



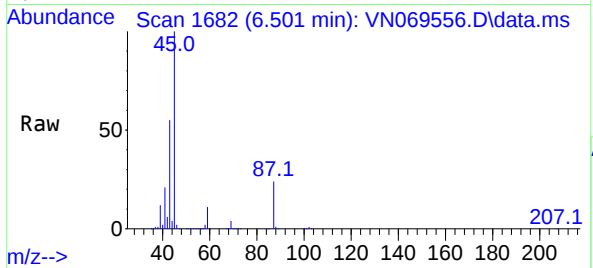
Tgt Ion: 73 Resp: 714148
Ion Ratio Lower Upper
73 100
57 37.7 16.8 25.2#





#22
Diisopropyl ether
Concen: 36.25 ug/l
RT: 6.501 min Scan# 1
Delta R.T. 0.003 min
Lab File: VN069556.D
Acq: 18 Nov 2021 16:34

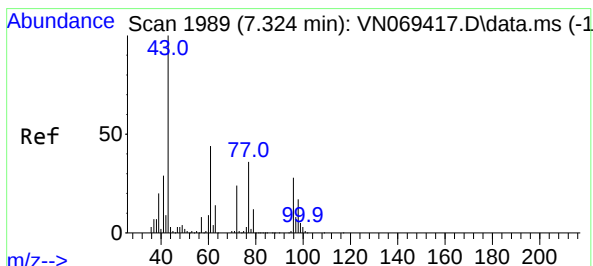
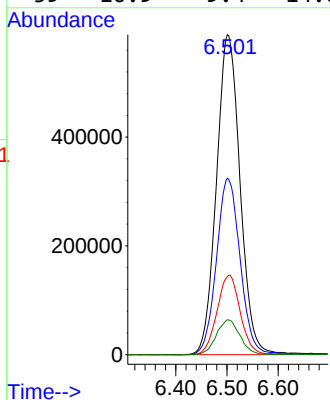
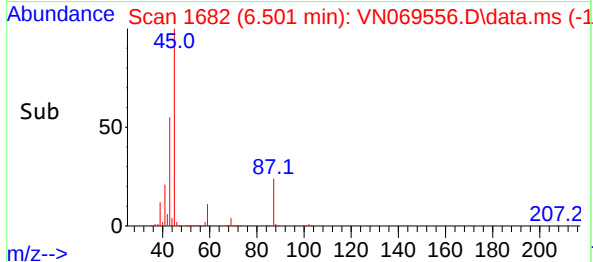
Instrument :
MSVOA_N
ClientSampleId :
MW-14



Tgt Ion: 45 Resp: 188165
Ion Ratio Lower Upper
45 100
43 55.2 51.7 77.5
87 24.4 23.2 34.8
59 10.9 9.4 14.0

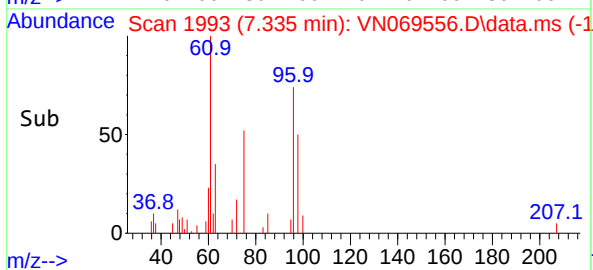
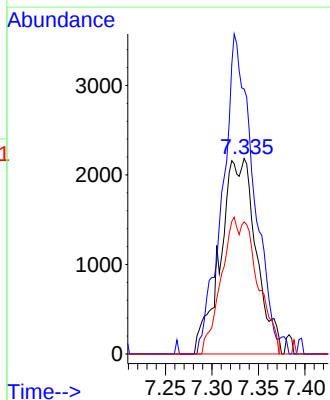
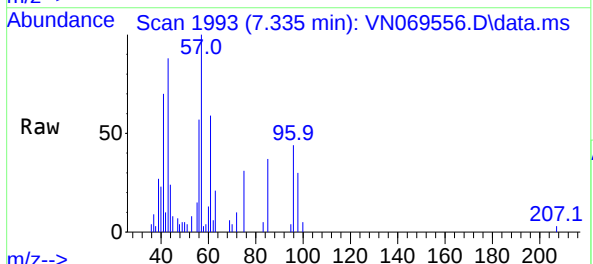
Manual Integrations
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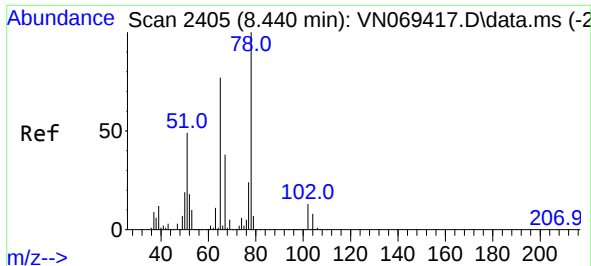
Reviewed By :John Carlone 11/19/2021
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#27
cis-1,2-Dichloroethene
Concen: 0.39 ug/l m
RT: 7.335 min Scan# 1993
Delta R.T. 0.011 min
Lab File: VN069556.D
Acq: 18 Nov 2021 16:34

Tgt Ion: 96 Resp: 5836
Ion Ratio Lower Upper
96 100
61 141.2 0.0 275.0
98 35.5 0.0 129.6





#33

1,2-Dichloroethane-d4

Concen: 51.38 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069556.D

Acq: 18 Nov 2021 16:34

Instrument :

MSVOA_N

ClientSampleId :

MW-14

Tgt Ion: 65 Resp: 100176

Ion Ratio Lower Upper

65 100

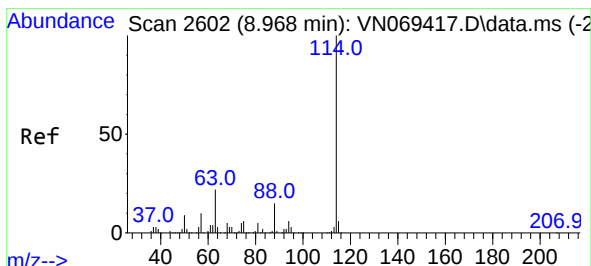
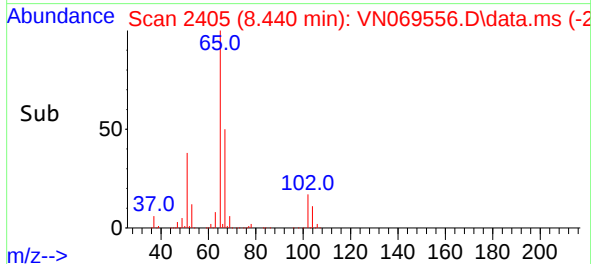
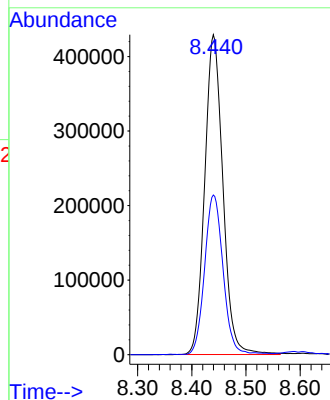
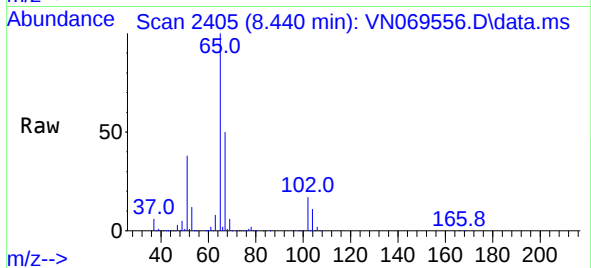
67 50.2 0.0 103.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. 0.003 min

Lab File: VN069556.D

Acq: 18 Nov 2021 16:34

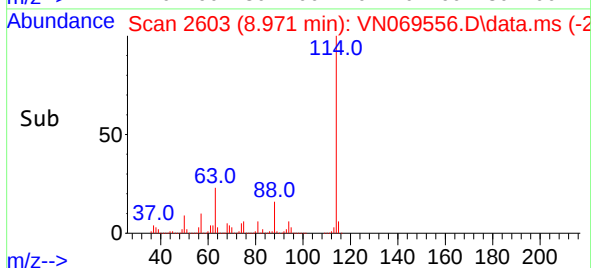
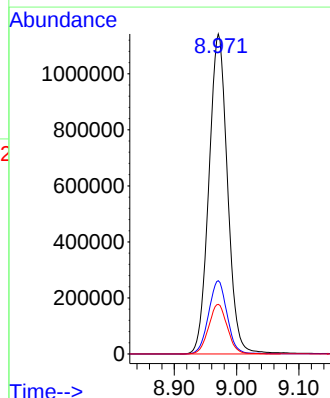
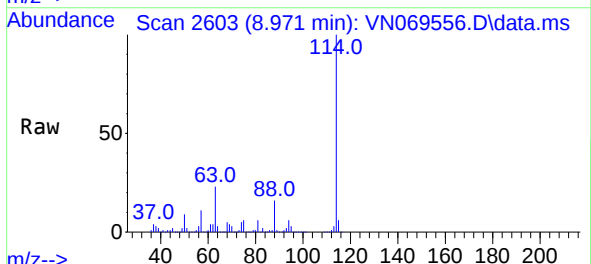
Tgt Ion:114 Resp: 2369254

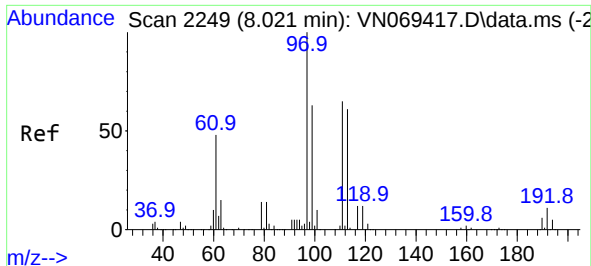
Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.8

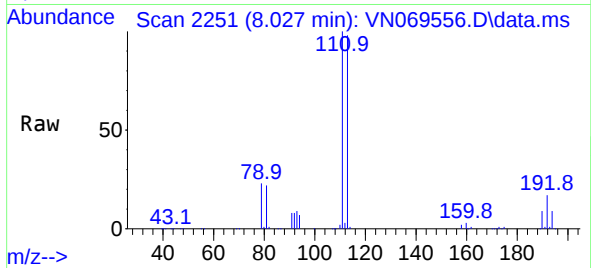
88 15.5 0.0 27.4





#35
Dibromofluoromethane
Concen: 48.65 ug/l
RT: 8.027 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VN069556.D
Acq: 18 Nov 2021 16:34

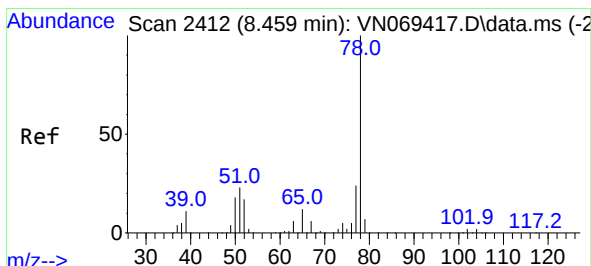
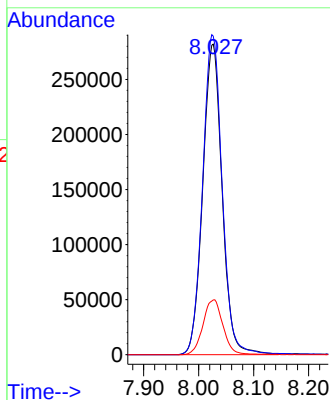
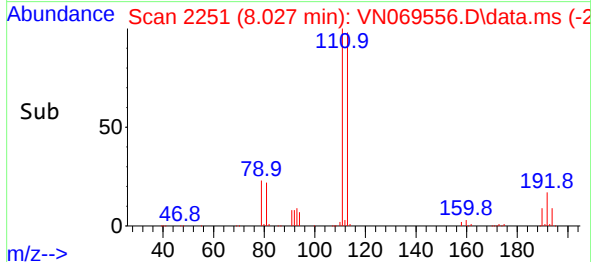
Instrument :
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MW-14



Tgt Ion:113 Resp: 69133
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 18.1 16.9 25.3

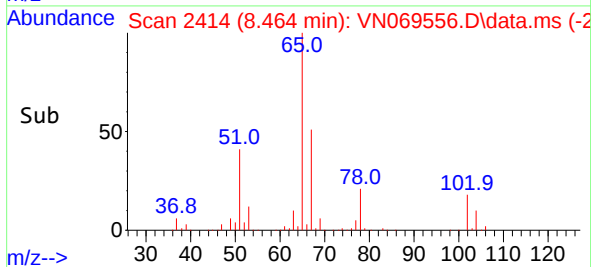
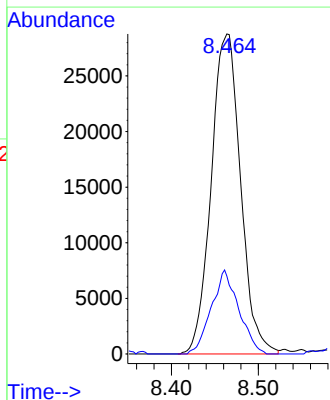
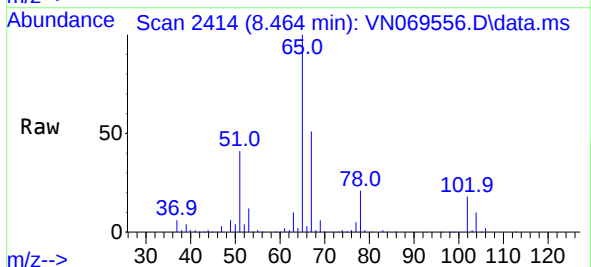
Manual Integrations
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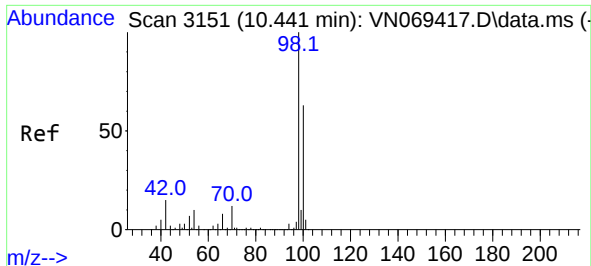
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#40
Benzene
Concen: 1.10 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.005 min
Lab File: VN069556.D
Acq: 18 Nov 2021 16:34

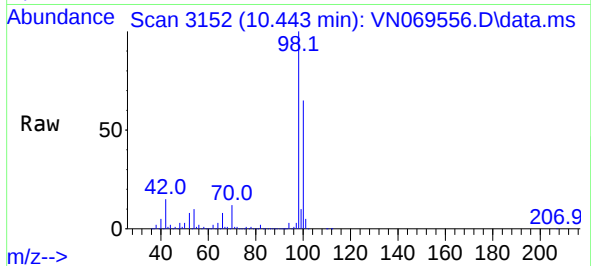
Tgt Ion: 78 Resp: 67552
Ion Ratio Lower Upper
78 100
77 24.5 18.6 27.8





#50
Toluene-d8
Concen: 54.21 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN069556.D
Acq: 18 Nov 2021 16:34

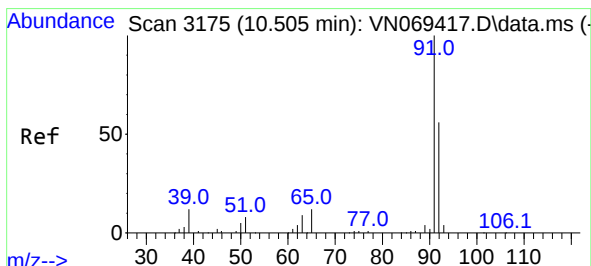
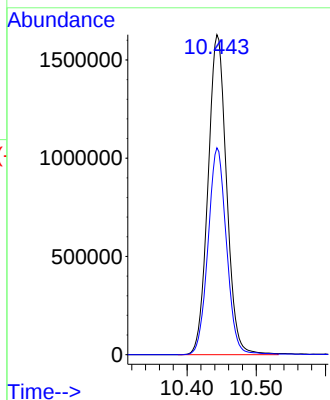
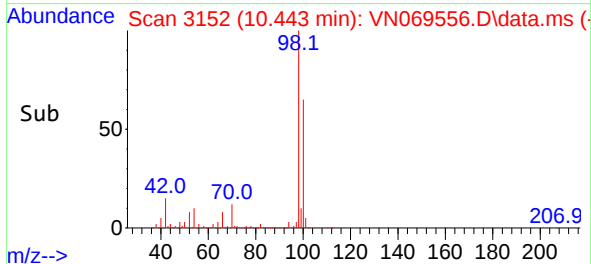
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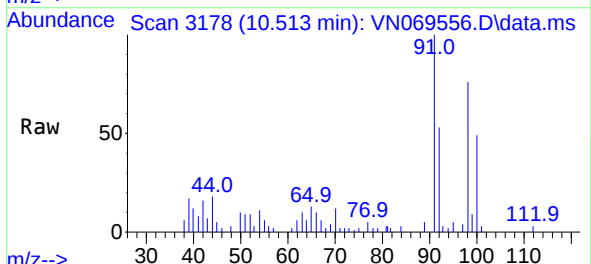
Tgt Ion: 98 Resp: 3029650
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6

Manual Integrations
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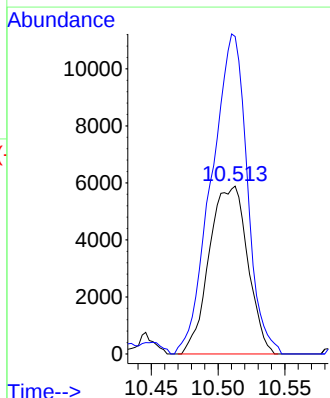
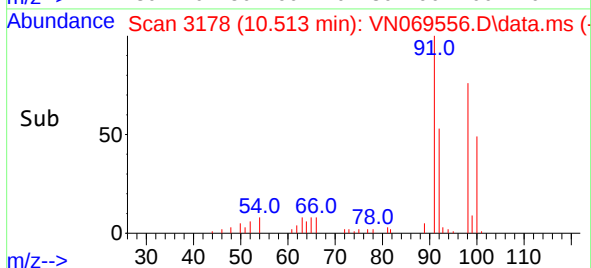
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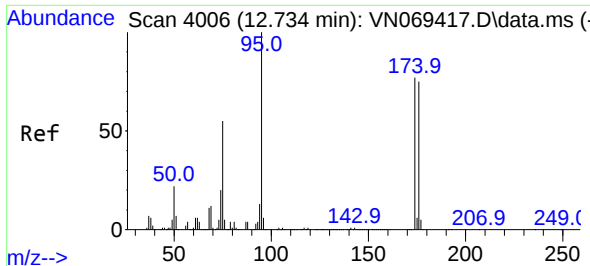


#52
Toluene
Concen: 0.31 ug/l
RT: 10.513 min Scan# 3178
Delta R.T. 0.008 min
Lab File: VN069556.D
Acq: 18 Nov 2021 16:34



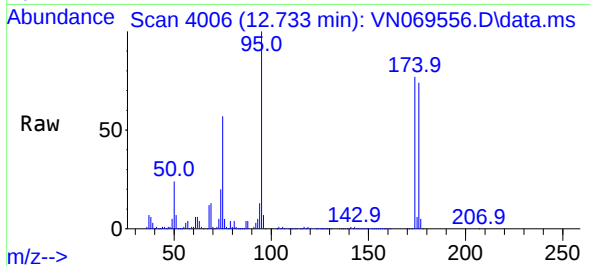
Tgt Ion: 92 Resp: 11773
Ion Ratio Lower Upper
92 100
91 177.2 142.0 213.0





#62
4-Bromofluorobenzene
Concen: 52.42 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN069556.D
Acq: 18 Nov 2021 16:34

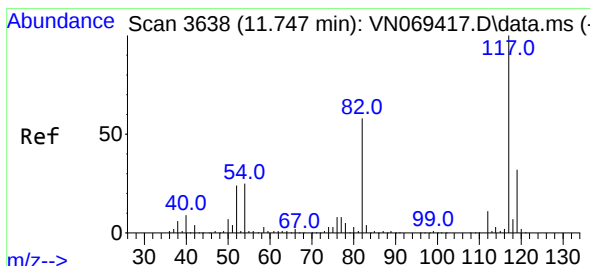
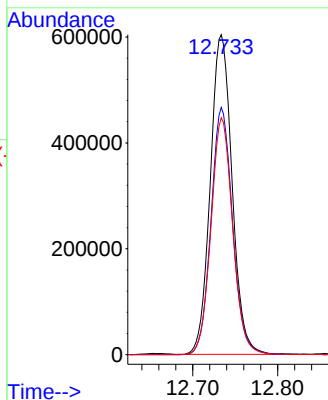
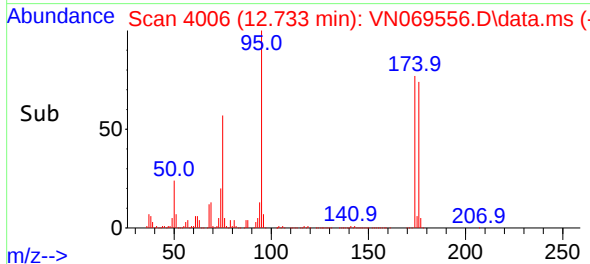
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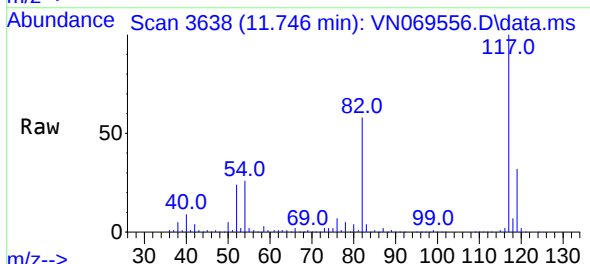
Tgt Ion: 95 Resp: 107617
Ion Ratio Lower Upper
95 100
174 76.7 0.0 187.2
176 73.7 0.0 181.4

Manual Integrations
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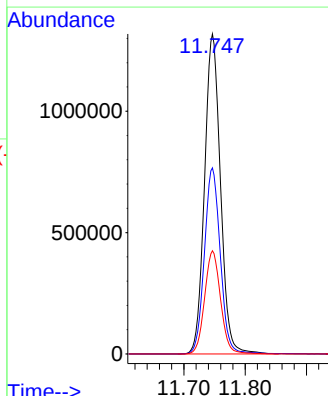
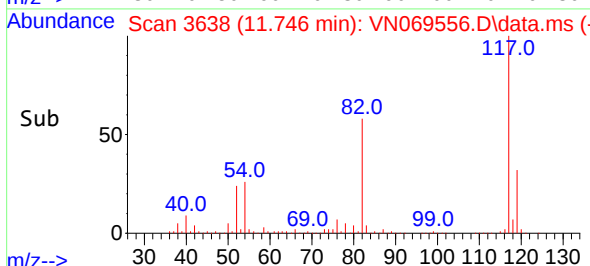
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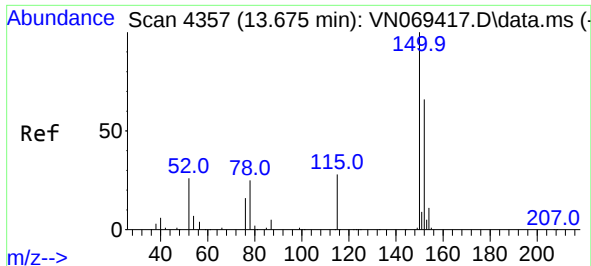


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN069556.D
Acq: 18 Nov 2021 16:34



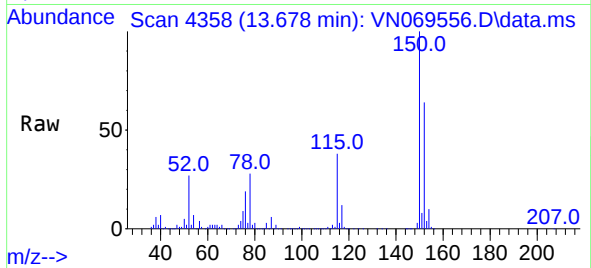
Tgt Ion:117 Resp: 2383764
Ion Ratio Lower Upper
117 100
82 58.1 42.4 63.6
119 32.2 25.4 38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.678 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN069556.D
Acq: 18 Nov 2021 16:34

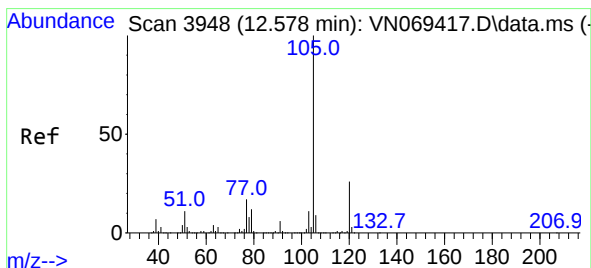
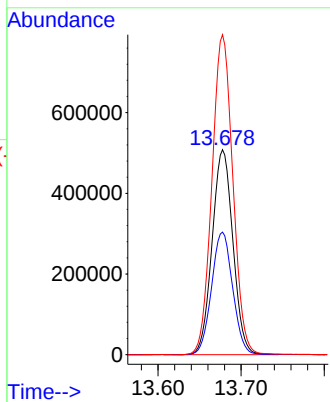
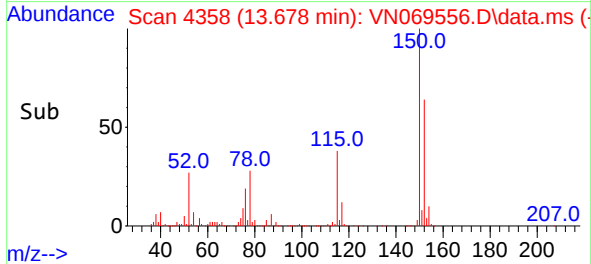
Instrument :
MSVOA_N
ClientSampleId :
MW-14



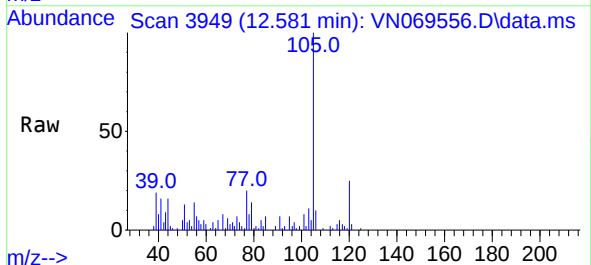
Tgt Ion:152 Resp: 88614
Ion Ratio Lower Upper
152 100
115 60.6 27.5 82.5
150 156.5 0.0 344.4

Manual Integrations
APPROVED

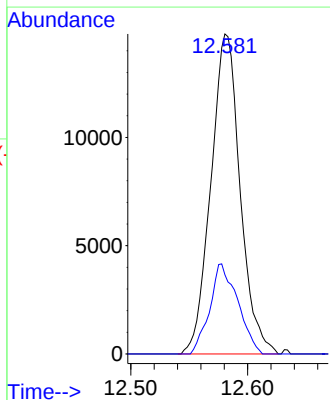
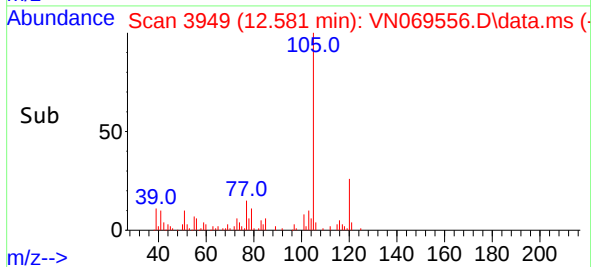
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

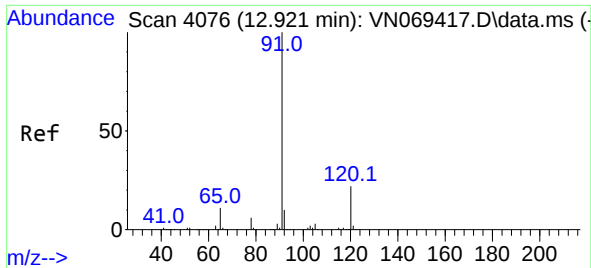


#73
Isopropylbenzene
Concen: 0.36 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.003 min
Lab File: VN069556.D
Acq: 18 Nov 2021 16:34



Tgt Ion:105 Resp: 25715
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1





#78
n-propylbenzene
Concen: 0.39 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069556.D
Acq: 18 Nov 2021 16:34

Instrument :
MSVOA_N
ClientSampleId :
MW-14

Tgt Ion: 91 Resp: 3063
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

