

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123021\
 Data File : VN070408.D
 Acq On : 30 Dec 2021 18:57
 Operator : JC/MD
 Sample : M5212-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-50

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 01/03/2022
 Supervised By :mohammad ahmed 01/03/2022

Quant Time: Dec 31 05:22:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	878322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	1503615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1375591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	517632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	665991	52.737	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.480%			
35) Dibromofluoromethane	8.024	113	473170	52.010	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.020%			
50) Toluene-d8	10.443	98	1875995	50.478	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.960%			
62) 4-Bromofluorobenzene	12.731	95	719106	53.572	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.140%			
Target Compounds						
31) Cyclohexane	8.094	56	159470m	8.002	ug/l	
40) Benzene	8.461	78	2210397	47.907	ug/l	99
52) Toluene	10.507	92	23698	0.849	ug/l	96
67) Ethyl Benzene	11.846	91	1897836	35.489	ug/l	96
73) Isopropylbenzene	12.580	105	1057738	22.004	ug/l	98
78) n-propylbenzene	12.921	91	776135	14.572	ug/l	95
83) tert-Butylbenzene	13.323	119	27336m	0.806	ug/l	
84) 1,2,4-Trimethylbenzene	13.372	105	54491m	1.469	ug/l	
85) sec-Butylbenzene	13.503	105	110720	2.404	ug/l #	35

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

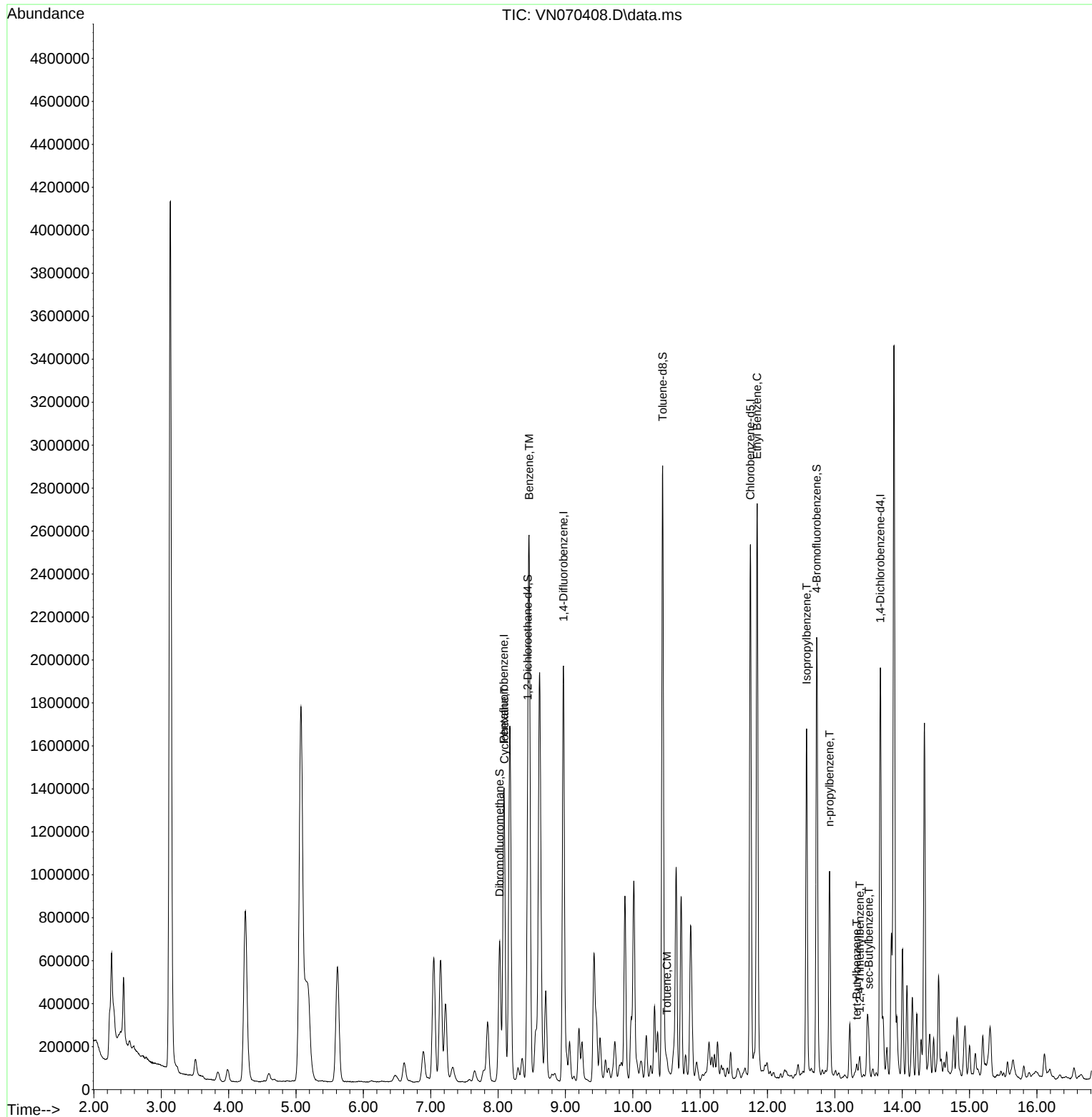
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Data File : VN070408.D
Acq On : 30 Dec 2021 18:57
Operator : JC/MD
Sample : M5212-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

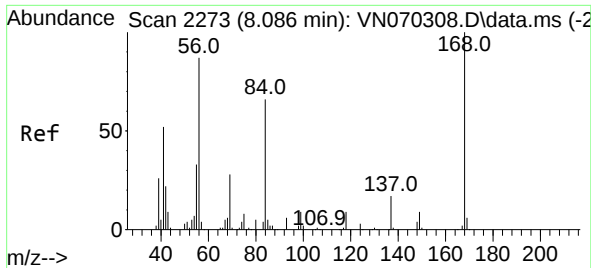
Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





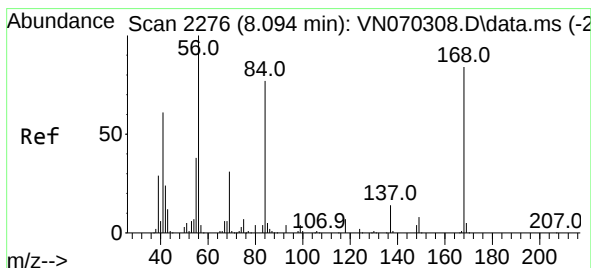
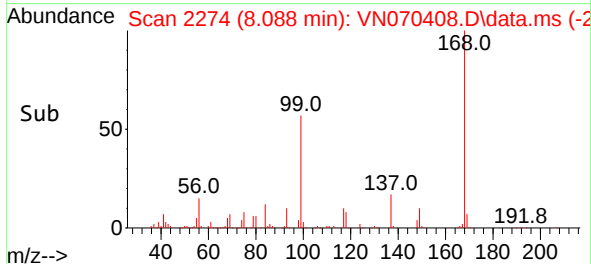
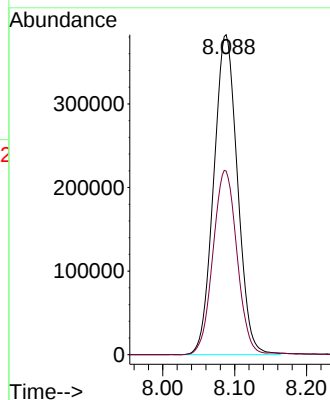
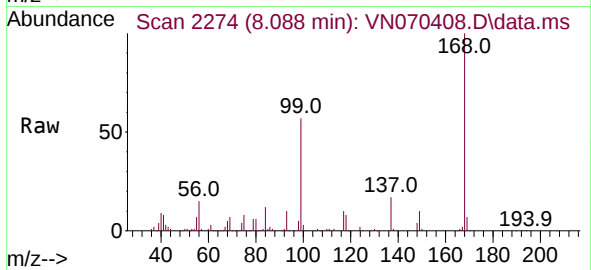
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2273
Delta R.T. 0.002 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

Instrument :
MSVOA_N
ClientSampleId :
MW-50

Tgt Ion:168 Resp: 87832
Ion Ratio Lower Upper
168 100
99 57.4 41.3 61.9

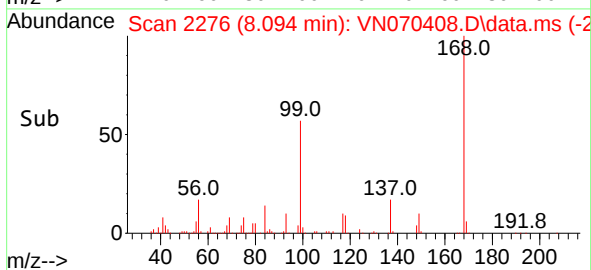
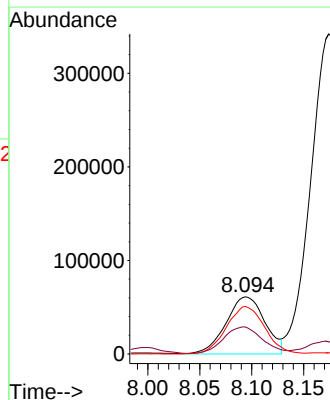
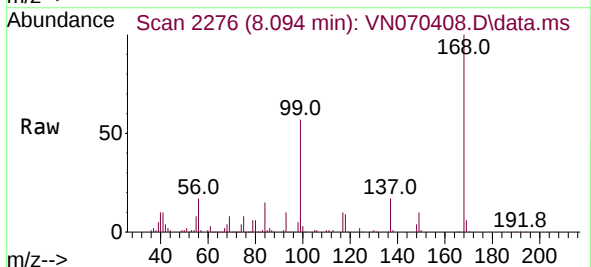
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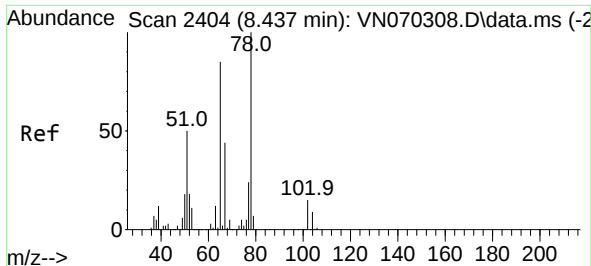
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022



#31
Cyclohexane
Concen: 8.002 ug/l m
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

Tgt Ion: 56 Resp: 159470
Ion Ratio Lower Upper
56 100
69 47.4 27.1 40.7#
84 83.4 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 52.737 ug/l

RT: 8.440 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN070408.D

Acq: 30 Dec 2021 18:57

Instrument :

MSVOA_N

ClientSampleId :

MW-50

Tgt Ion: 65 Resp: 66599

Ion Ratio Lower Upper

65 100

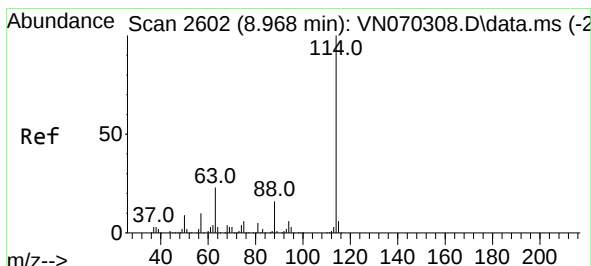
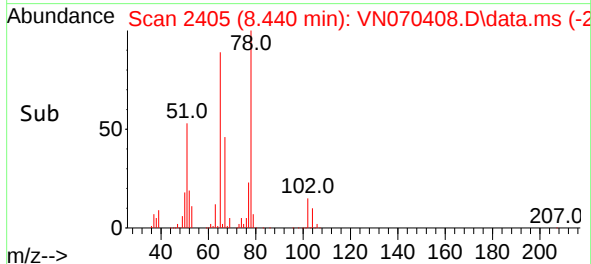
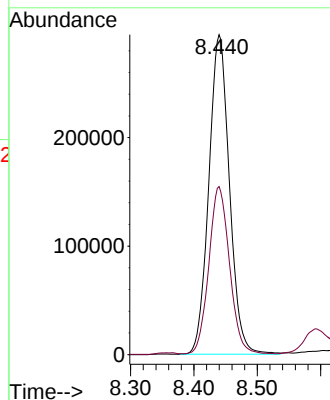
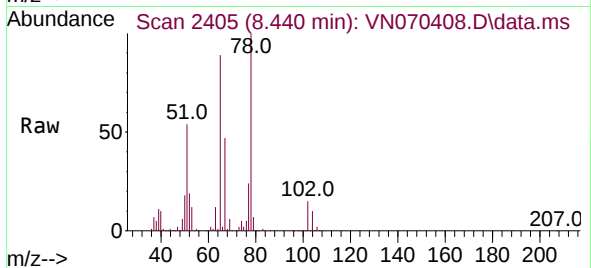
67 52.3 0.0 103.0

Manual Integrations

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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: VN070408.D

Acq: 30 Dec 2021 18:57

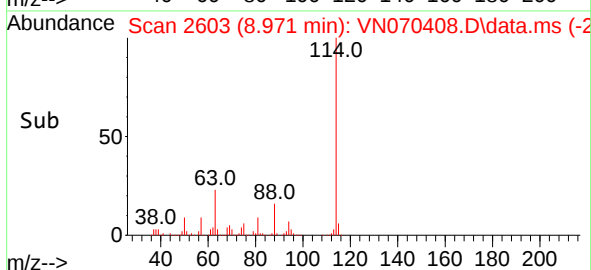
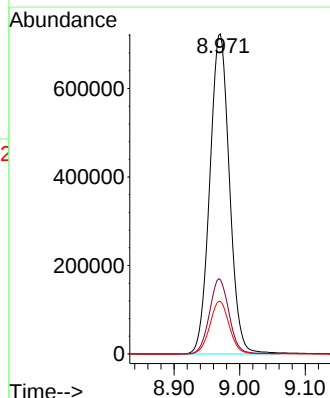
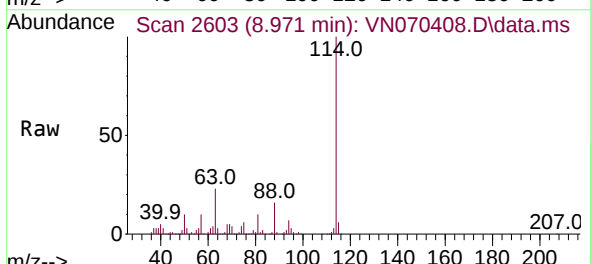
Tgt Ion:114 Resp: 1503615

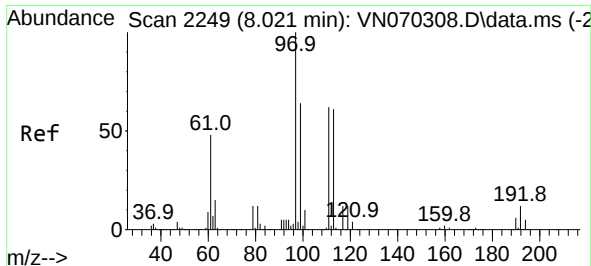
Ion Ratio Lower Upper

114 100

63 23.2 0.0 37.8

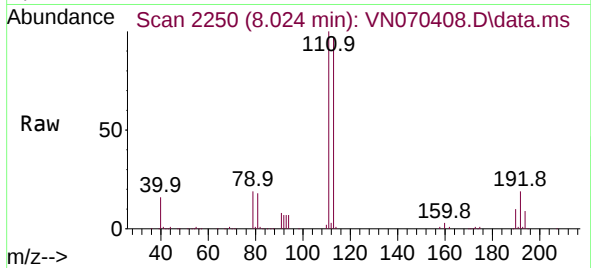
88 16.4 0.0 27.4





#35
Dibromofluoromethane
Concen: 52.010 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

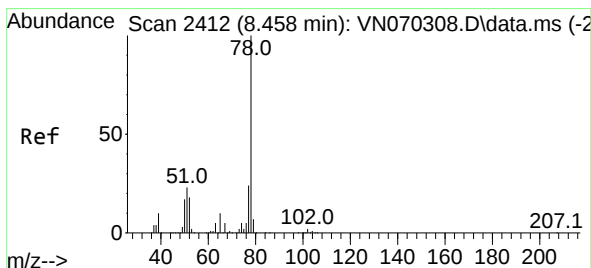
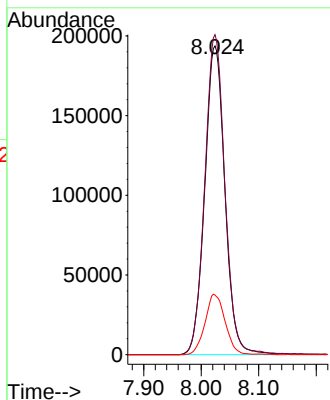
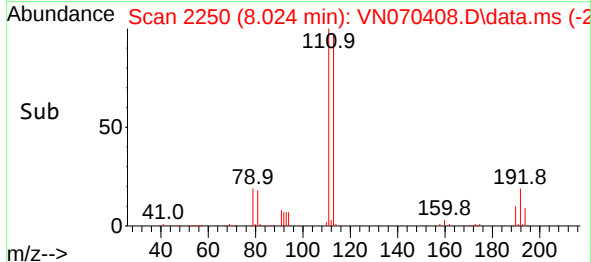
Instrument :
MSVOA_N
ClientSampleId :
MW-50



Tgt Ion: 113 Resp: 473170
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 19.4 16.9 25.3

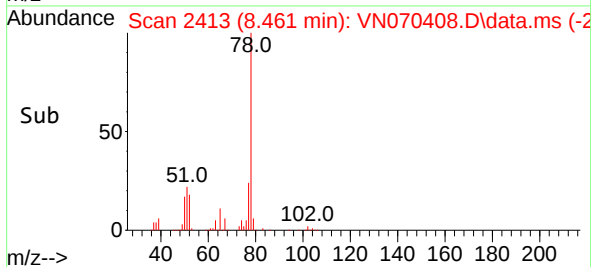
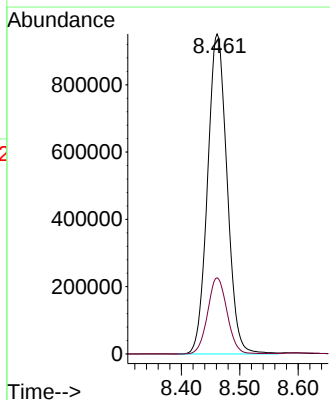
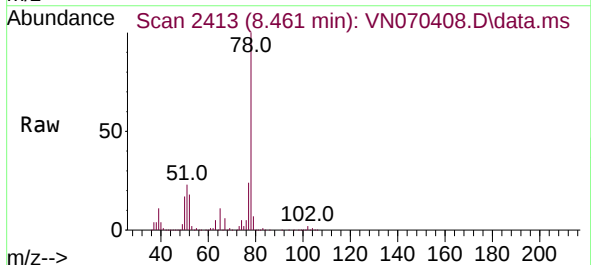
Manual Integrations
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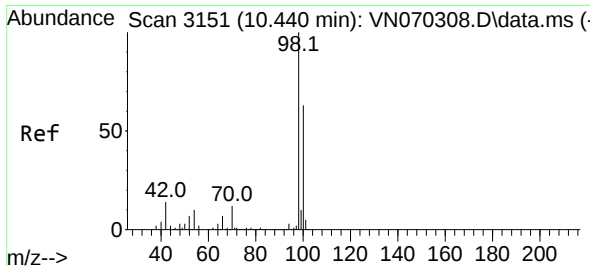
Reviewed By :Amit Patel 01/03/2022
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#40
Benzene
Concen: 47.907 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.003 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

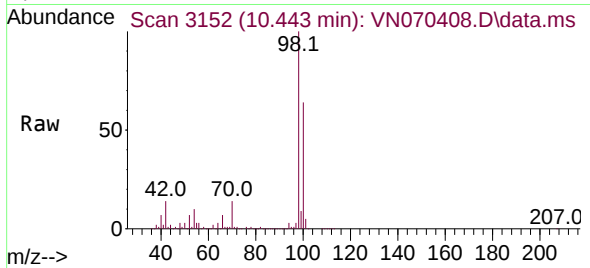
Tgt Ion: 78 Resp: 2210397
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8





#50
Toluene-d8
Concen: 50.478 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

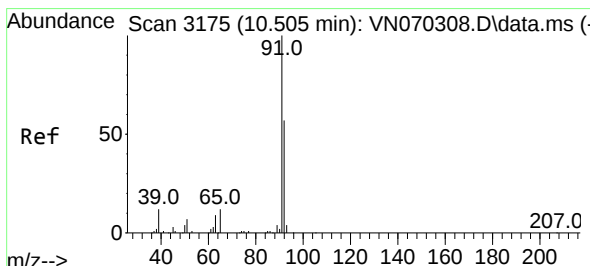
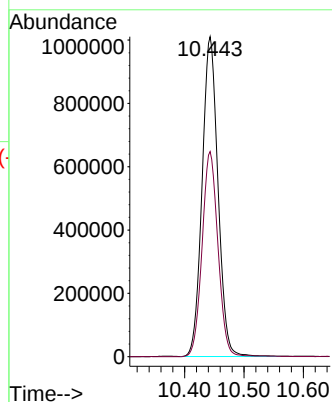
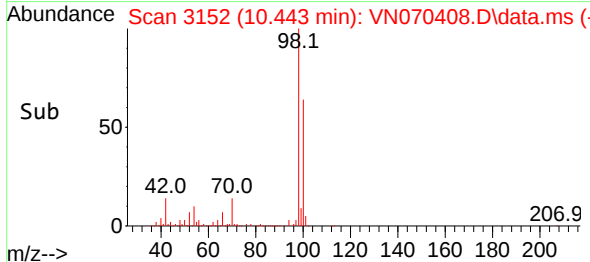
Instrument :
MSVOA_N
ClientSampleId :
MW-50



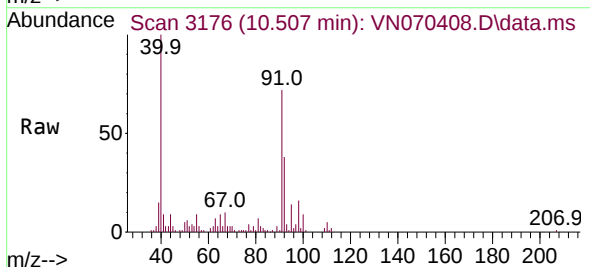
Tgt Ion: 98 Resp: 187599
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6

Manual Integrations
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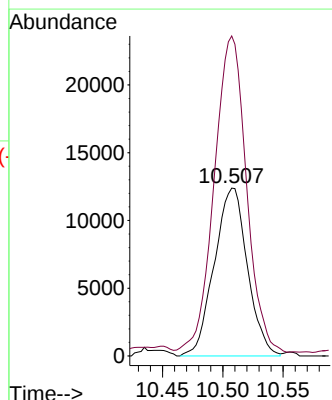
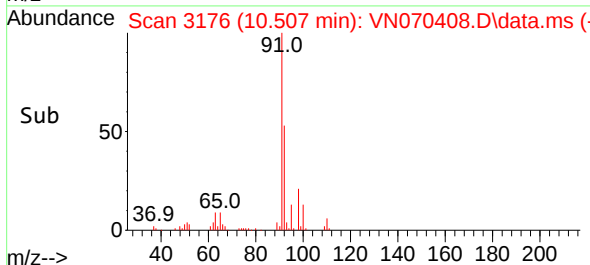
Reviewed By :Amit Patel 01/03/2022
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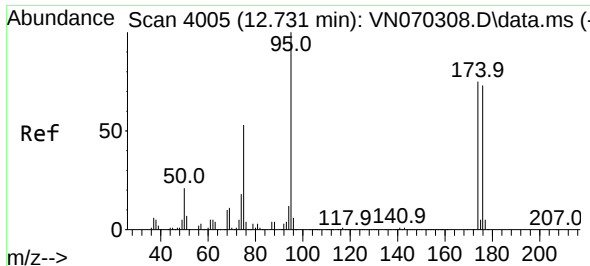


#52
Toluene
Concen: 0.849 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.002 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57



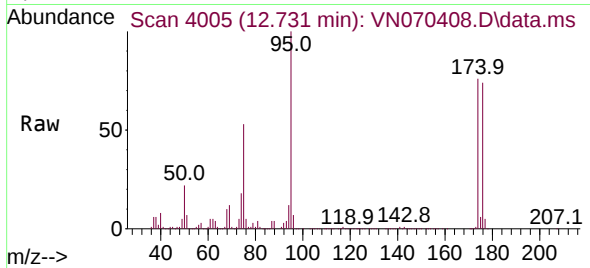
Tgt Ion: 92 Resp: 23698
Ion Ratio Lower Upper
92 100
91 182.6 142.0 213.0





#62
4-Bromofluorobenzene
Concen: 53.572 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

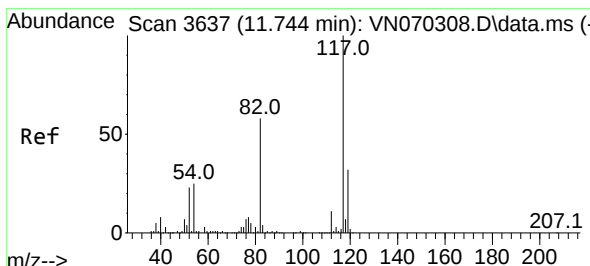
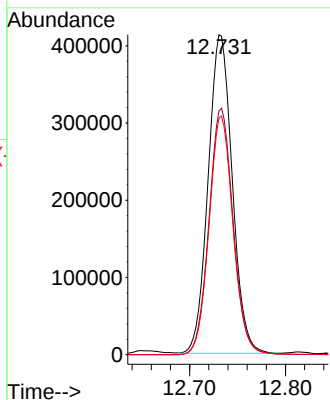
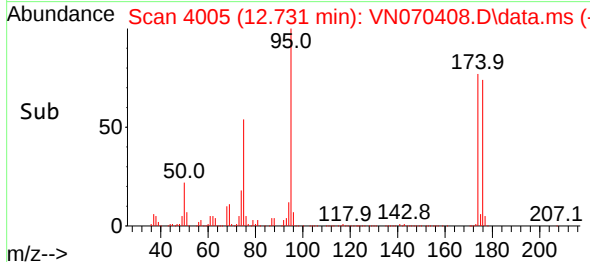
Instrument :
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MW-50



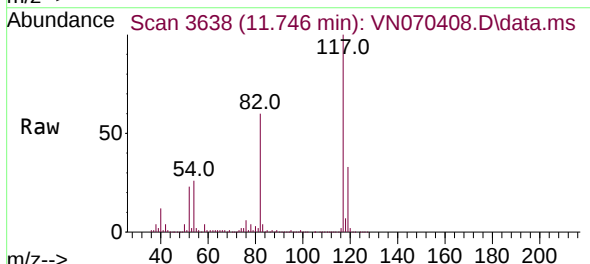
Tgt Ion: 95 Resp: 719100
Ion Ratio Lower Upper
95 100
174 77.7 0.0 187.2
176 74.7 0.0 181.4

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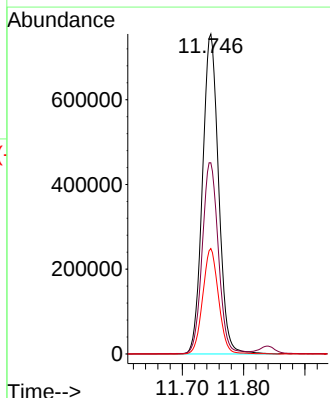
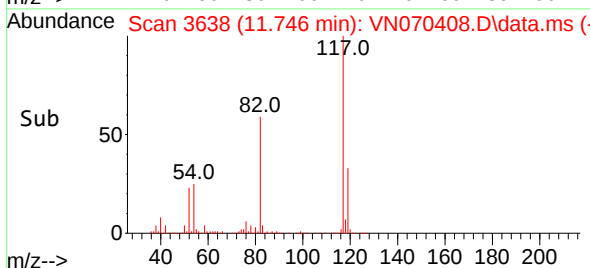
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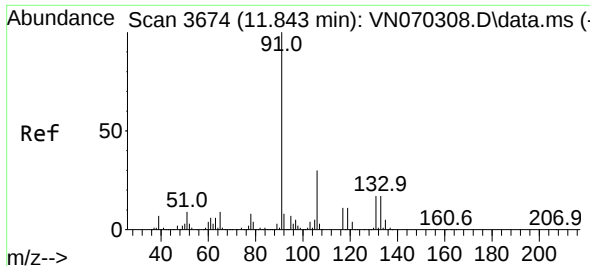


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.002 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57



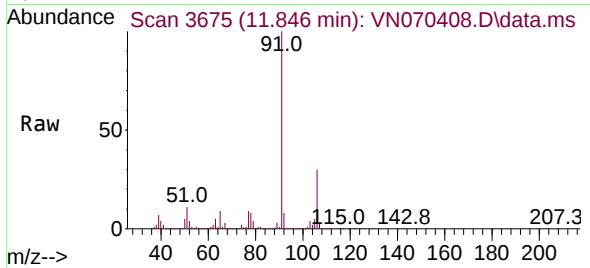
Tgt Ion:117 Resp: 1375591
Ion Ratio Lower Upper
117 100
82 59.6 42.4 63.6
119 32.9 25.4 38.2





#67
Ethyl Benzene
Concen: 35.489 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.003 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

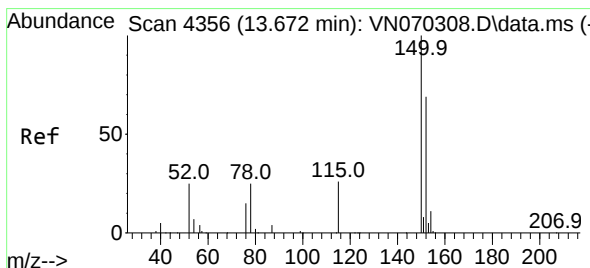
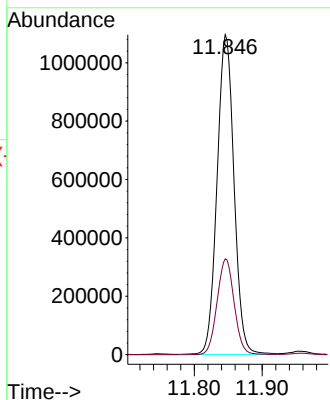
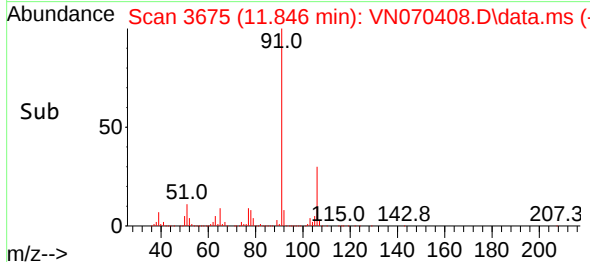
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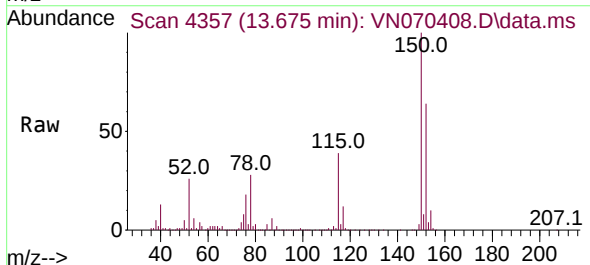
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Ion Ratio Lower Upper
91 100
106 30.0 25.7 38.5

Manual Integrations
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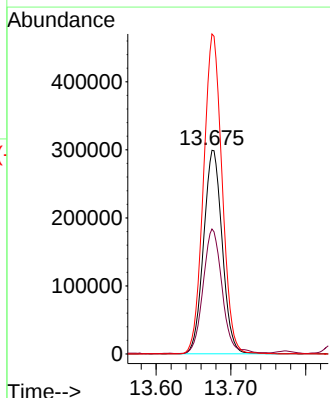
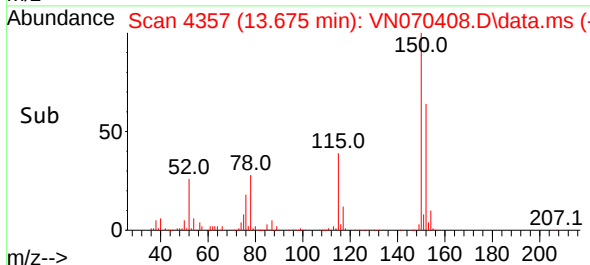
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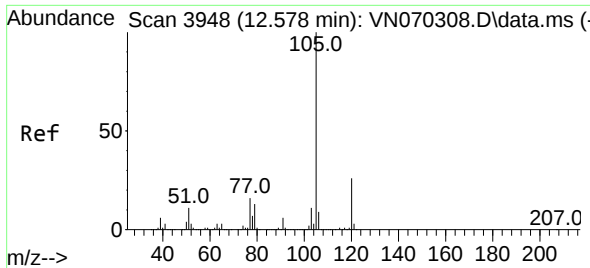


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57



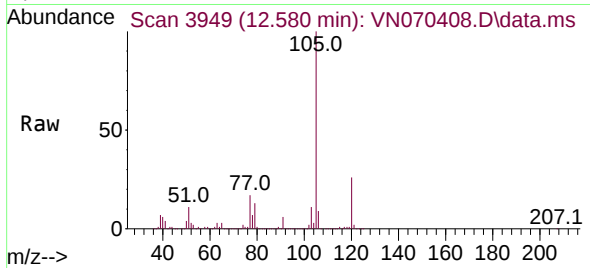
Tgt Ion:152 Resp: 517632
Ion Ratio Lower Upper
152 100
115 62.5 27.5 82.5
150 157.0 0.0 344.4





#73
Isopropylbenzene
Concen: 22.004 ug/l
RT: 12.580 min Scan# 3948
Delta R.T. 0.002 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

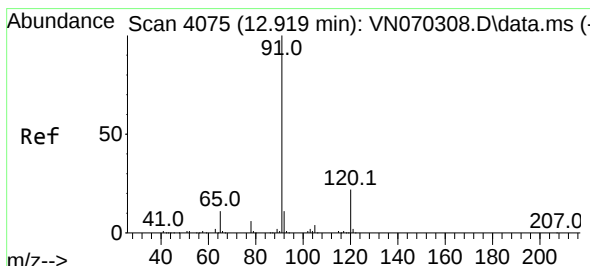
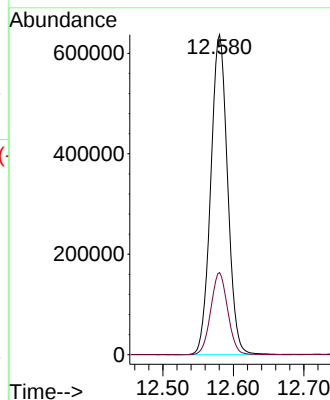
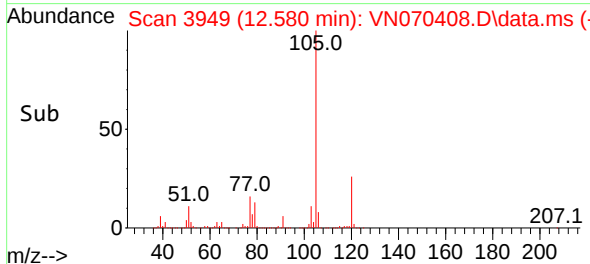
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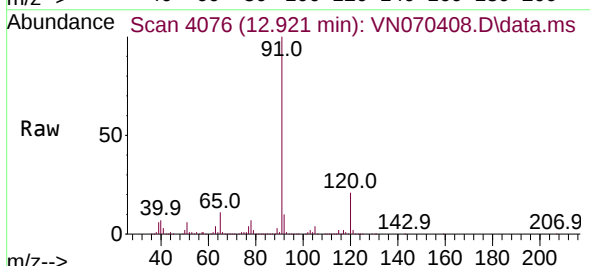
Tgt Ion:105 Resp: 1057738
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1

Manual Integrations
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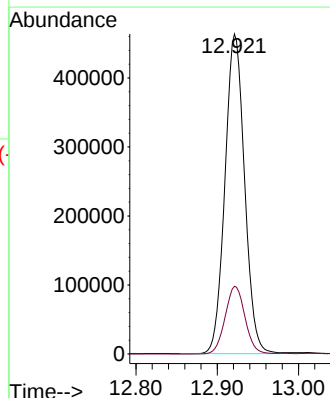
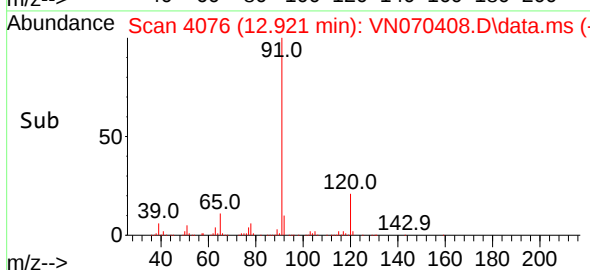
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Supervised By :mohammad ahmed 01/03/2022

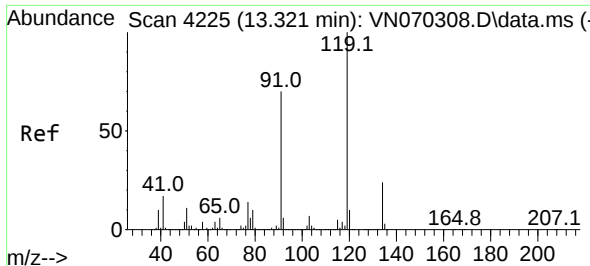


#78
n-propylbenzene
Concen: 14.572 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.002 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57



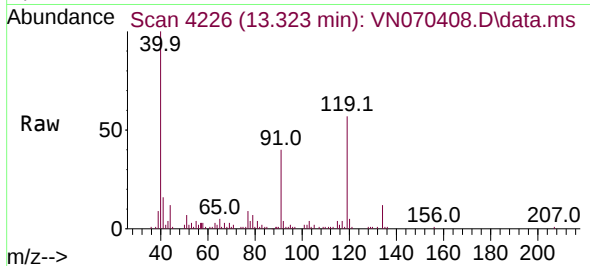
Tgt Ion: 91 Resp: 776135
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.9





#83
tert-Butylbenzene
Concen: 0.806 ug/l m
RT: 13.323 min Scan# 4225
Delta R.T. 0.002 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

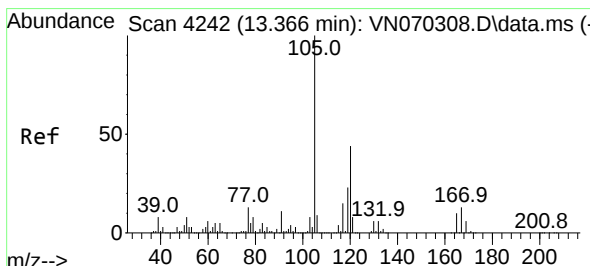
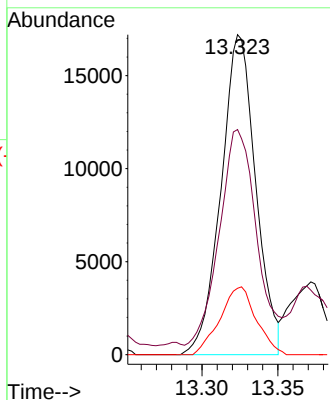
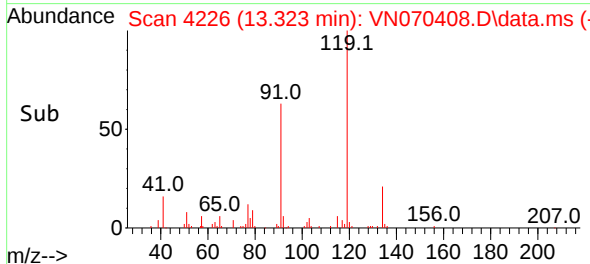
Instrument :
MSVOA_N
ClientSampleId :
MW-50



Tgt Ion:119 Resp: 27330
Ion Ratio Lower Upper
119 100
91 0.0 31.5 94.5
134 0.0 12.4 37.4

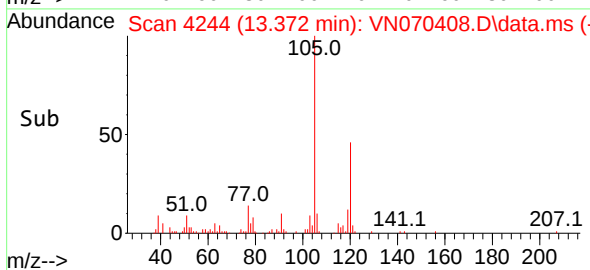
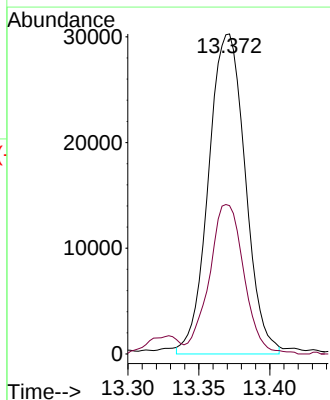
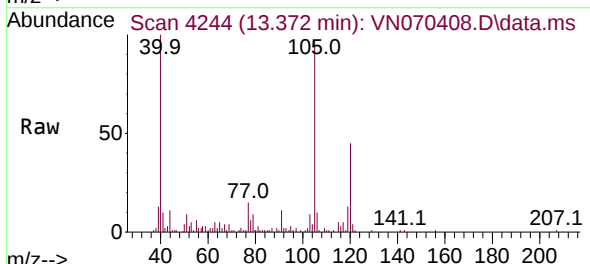
Manual Integrations
APPROVED

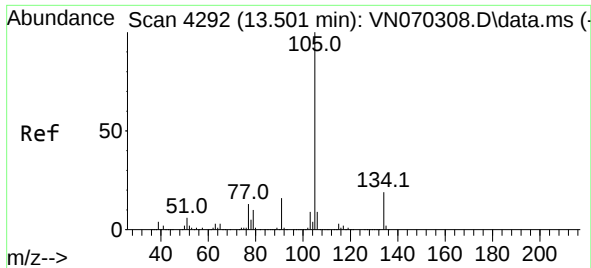
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022



#84
1,2,4-Trimethylbenzene
Concen: 1.469 ug/l m
RT: 13.372 min Scan# 4244
Delta R.T. 0.006 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

Tgt Ion:105 Resp: 54491
Ion Ratio Lower Upper
105 100
120 0.0 22.8 68.4





#85

sec-Butylbenzene

Concen: 2.404 ug/l

RT: 13.503 min Scan# 41

Delta R.T. 0.002 min

Lab File: VN070408.D

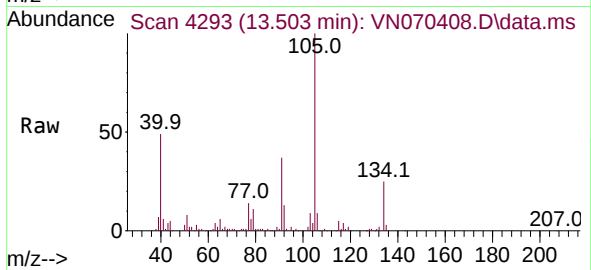
Acq: 30 Dec 2021 18:57

Instrument :

MSVOA_N

ClientSampleId :

MW-50



Tgt Ion:105 Resp: 110720

Ion Ratio Lower Upper

105 100

134 50.8 10.4 31.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 01/03/2022

Supervised By :mohammad ahmed 01/03/2022

