

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081322\
 Data File : VN073873.D
 Acq On : 13 Aug 2022 17:14
 Operator : JC\MD
 Sample : N4156-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FMC-0073

Quant Time: Aug 14 02:36:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/15/2022
 Supervised By : Mahesh Dadoda 08/16/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	565632	50.000	ug/l	0.06
34) 1,4-Difluorobenzene	8.951	114	816549	50.000	ug/l	0.05
63) Chlorobenzene-d5	11.692	117	763736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	439780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	285636	41.438	ug/l	0.06
Spiked Amount 50.000	Range 74 - 125		Recovery = 82.880%			
35) Dibromofluoromethane	8.022	113	285886	55.756	ug/l	0.07
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.520%			
50) Toluene-d8	10.404	98	915470	45.372	ug/l	0.02
Spiked Amount 50.000	Range 86 - 113		Recovery = 90.740%			
62) 4-Bromofluorobenzene	12.674	95	390284	54.820	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.640%			
Target Compounds					Qvalue	
16) Acetone	4.404	43	453967	122.615	ug/l	99
18) Methyl Acetate	4.904	43	50787m	5.514	ug/l	
20) Methylene Chloride	5.087	84	121398	18.898	ug/l	92
43) Isopropyl Acetate	8.557	43	264400	20.340	ug/l	94
51) 4-Methyl-2-Pentanone	10.298	43	39945	4.284	ug/l	92
52) Toluene	10.463	92	2196491	151.535	ug/l	100
67) Ethyl Benzene	11.792	91	130461	4.767	ug/l	98
68) m/p-Xylenes	11.898	106	159421	15.273	ug/l	99
69) o-Xylene	12.227	106	105913	10.408	ug/l	95
78) n-propylbenzene	12.869	91	52493	1.449	ug/l	100
80) 1,3,5-Trimethylbenzene	13.004	105	61493	2.321	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	303758	11.660	ug/l	99
95) Naphthalene	15.433	128	159642	6.388	ug/l	97

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

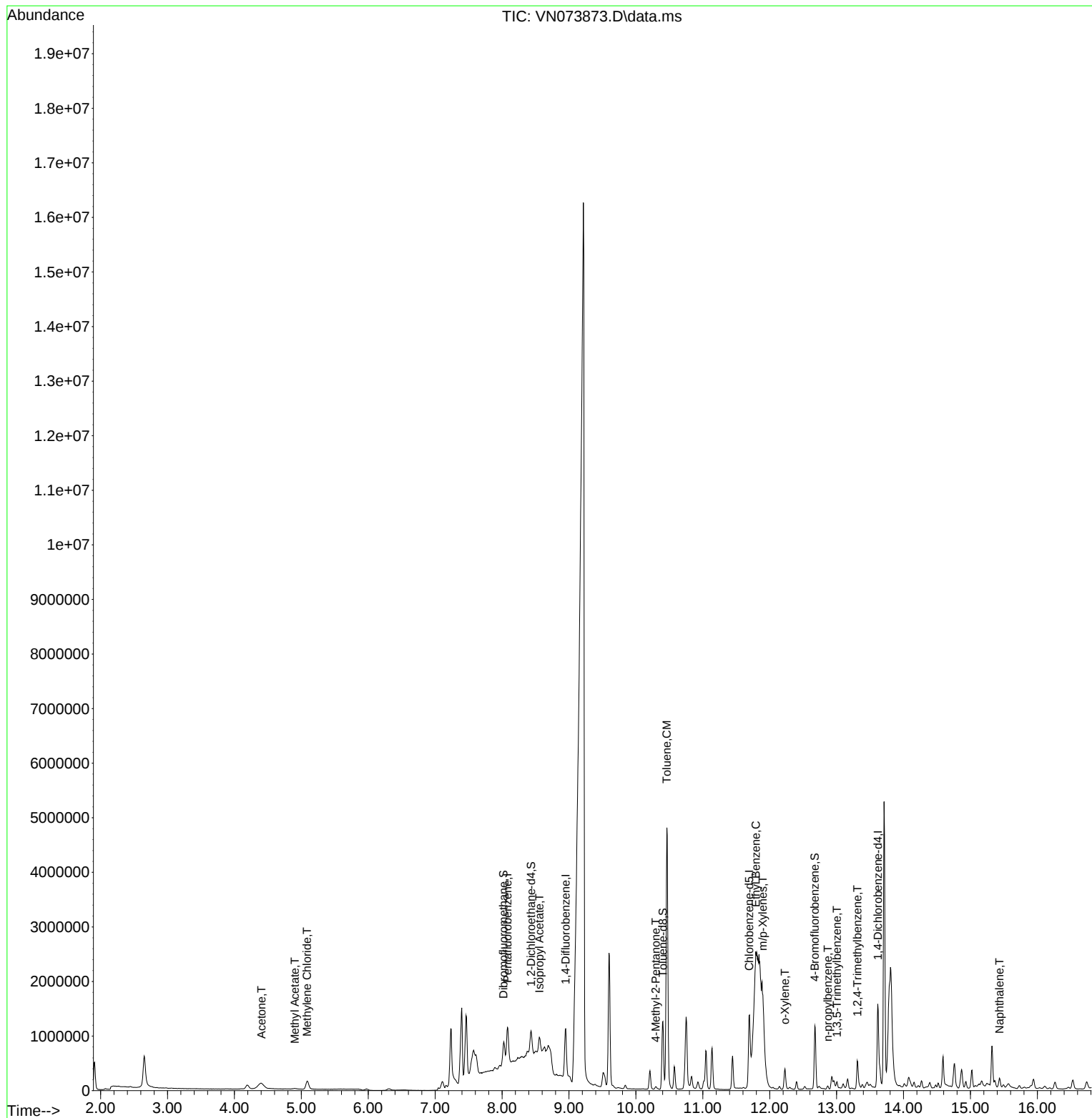
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081322\
Data File : VN073873.D
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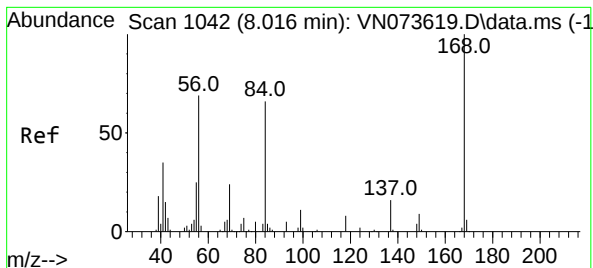
Instrument :
MSVOA_N
ClientSampleId :
FMC-0073

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 10 05:09:32 2022
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.081 min Scan# 1053

Delta R.T. 0.065 min

Lab File: VN073873.D

Acq: 13 Aug 2022 17:14

Instrument :

MSVOA_N

ClientSampleId :

FMC-0073

Tgt Ion:168 Resp: 56563

Ion Ratio Lower Upper

168 100

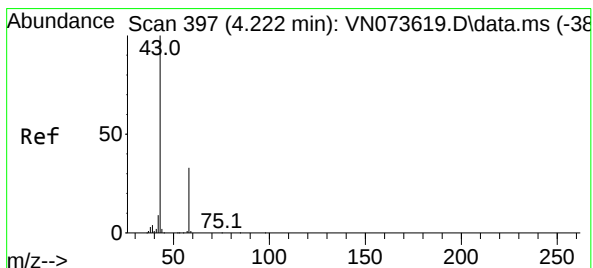
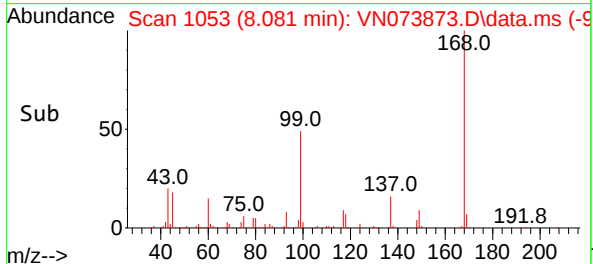
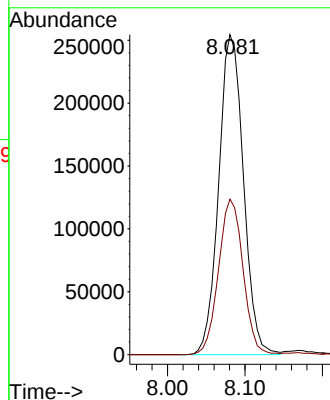
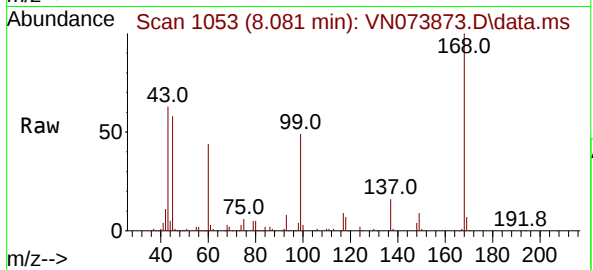
99 48.6 42.3 63.5

Manual Integrations

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Reviewed By :John Carlone 08/15/2022

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#16

Acetone

Concen: 122.615 ug/l

RT: 4.404 min Scan# 428

Delta R.T. 0.182 min

Lab File: VN073873.D

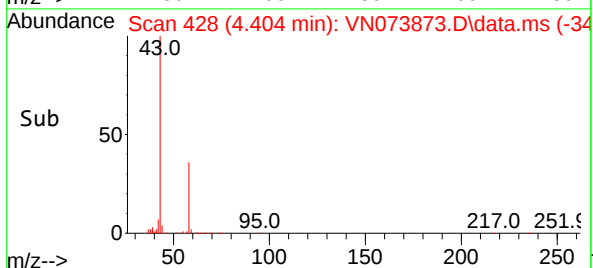
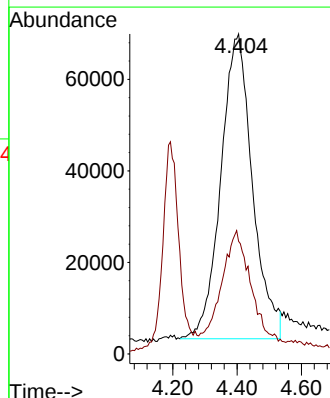
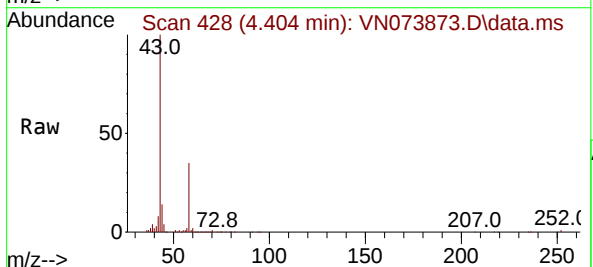
Acq: 13 Aug 2022 17:14

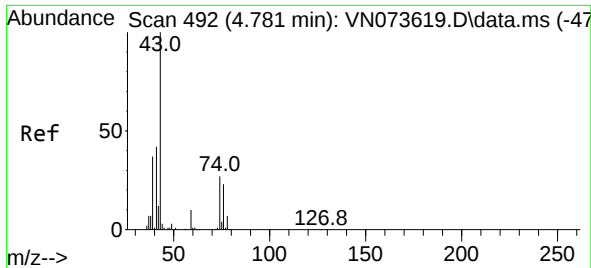
Tgt Ion: 43 Resp: 453967

Ion Ratio Lower Upper

43 100

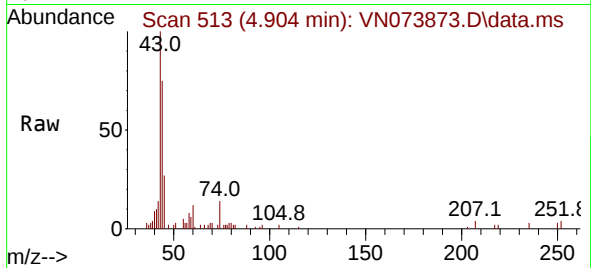
58 32.1 26.0 39.0





#18
Methyl Acetate
Concen: 5.514 ug/l m
RT: 4.904 min Scan# 513
Delta R.T. 0.124 min
Lab File: VN073873.D
Acq: 13 Aug 2022 17:14

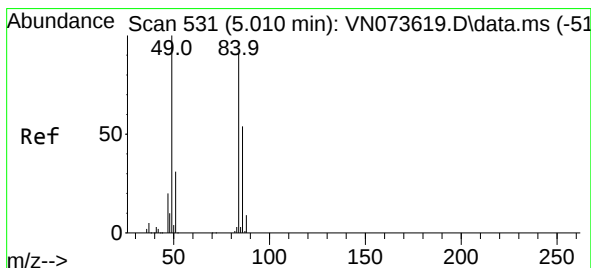
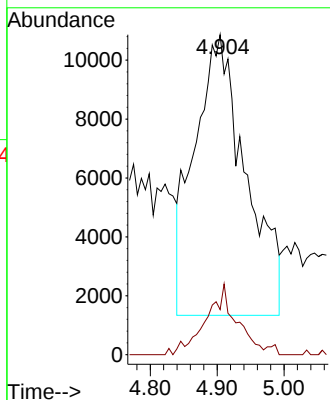
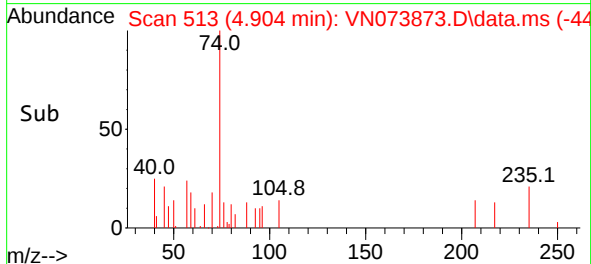
Instrument :
MSVOA_N
ClientSampleId :
FMC-0073



Tgt Ion: 43 Resp: 5078
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4

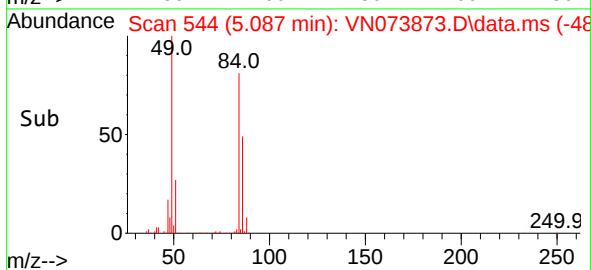
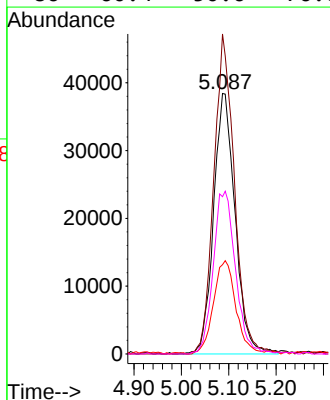
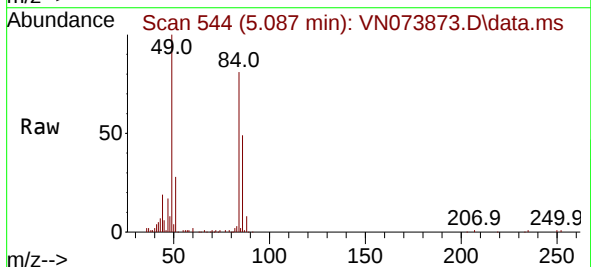
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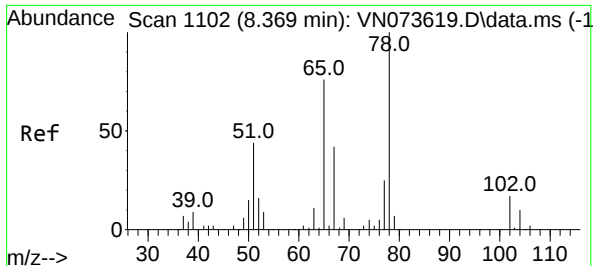
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#20
Methylene Chloride
Concen: 18.898 ug/l
RT: 5.087 min Scan# 544
Delta R.T. 0.077 min
Lab File: VN073873.D
Acq: 13 Aug 2022 17:14

Tgt Ion: 84 Resp: 121398
Ion Ratio Lower Upper
84 100
49 122.9 88.3 132.5
51 33.8 28.2 42.2
86 60.4 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 41.438 ug/l

RT: 8.434 min Scan# 1102

Delta R.T. 0.065 min

Lab File: VN073873.D

Acq: 13 Aug 2022 17:14

Instrument :

MSVOA_N

ClientSampleId :

FMC-0073

Tgt Ion: 65 Resp: 285630

Ion Ratio Lower Upper

65 100

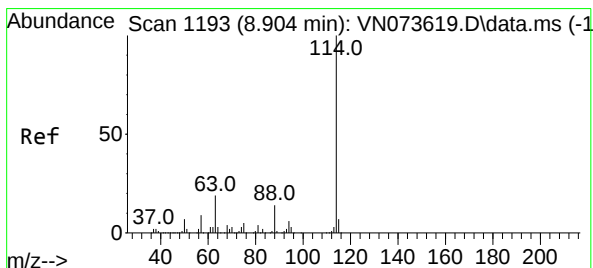
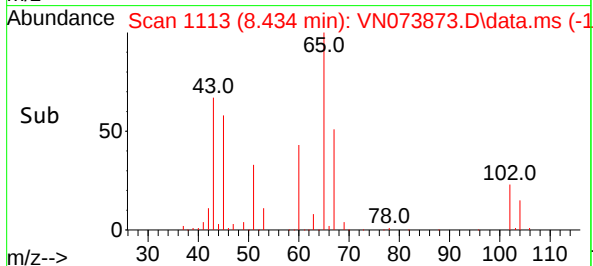
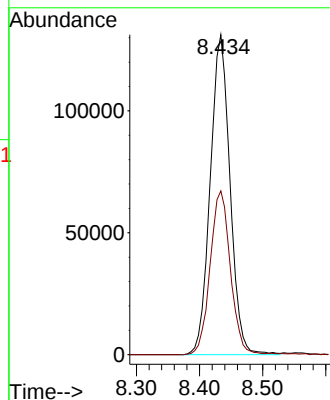
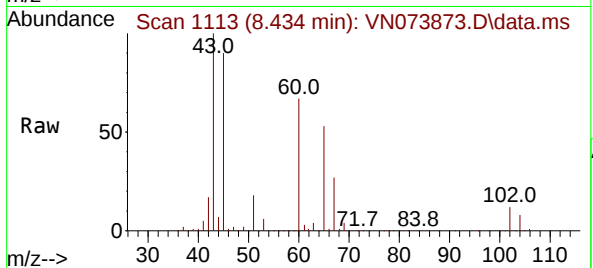
67 52.3 0.0 104.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.951 min Scan# 1201

Delta R.T. 0.047 min

Lab File: VN073873.D

Acq: 13 Aug 2022 17:14

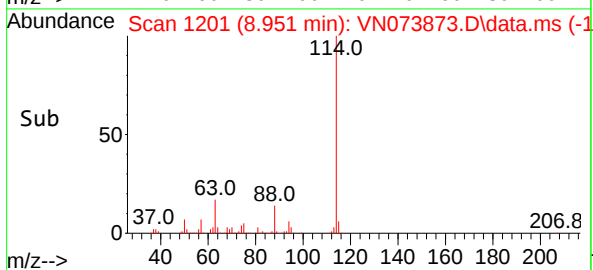
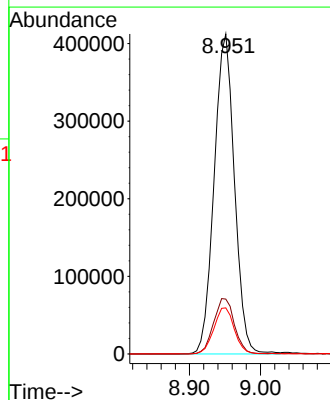
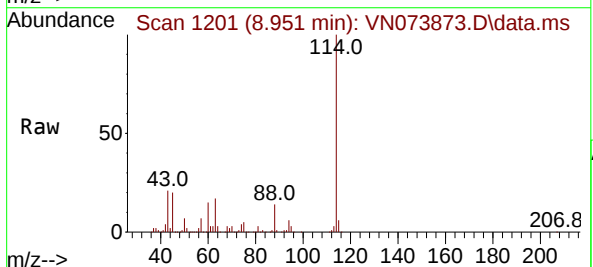
Tgt Ion:114 Resp: 816549

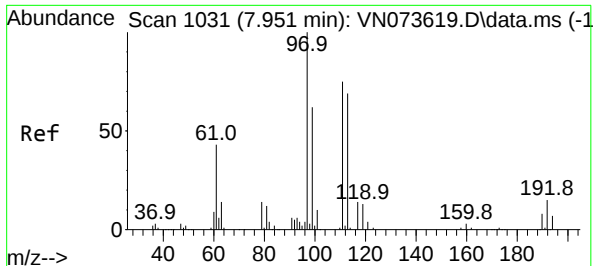
Ion Ratio Lower Upper

114 100

63 17.2 0.0 40.0

88 14.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 55.756 ug/l

RT: 8.022 min Scan# 1103

Delta R.T. 0.071 min

Lab File: VN073873.D

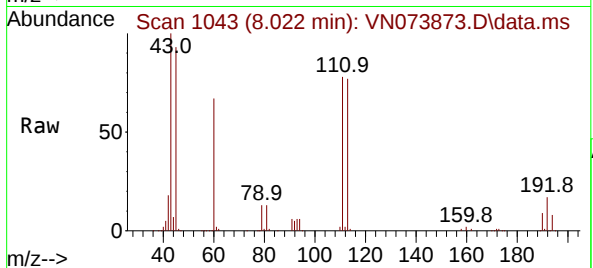
Acq: 13 Aug 2022 17:14

Instrument :

MSVOA_N

ClientSampleId :

FMC-0073



Tgt Ion: 113 Resp: 285880

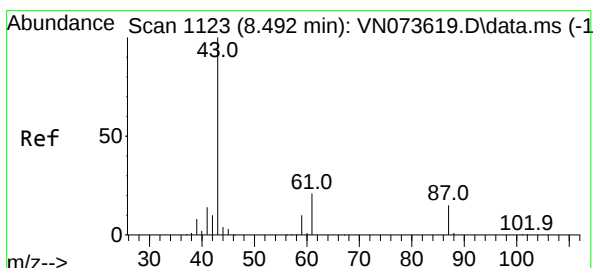
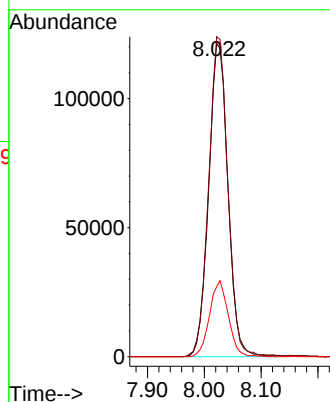
Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.4	122.0
192	23.6	17.0	25.6

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Supervised By :Mahesh Dadoda 08/16/2022



#43

Isopropyl Acetate

Concen: 20.340 ug/l

RT: 8.557 min Scan# 1134

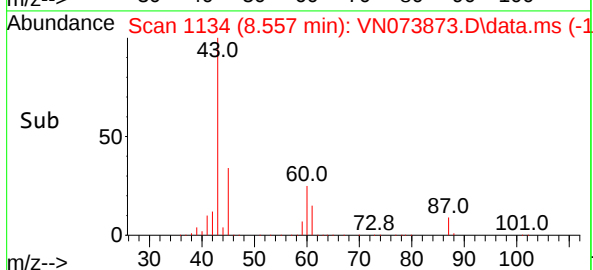
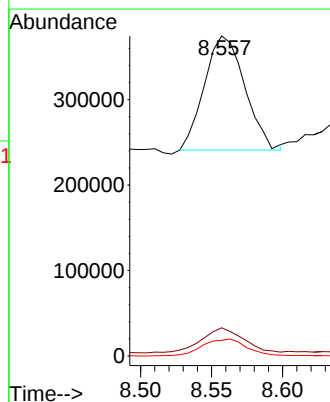
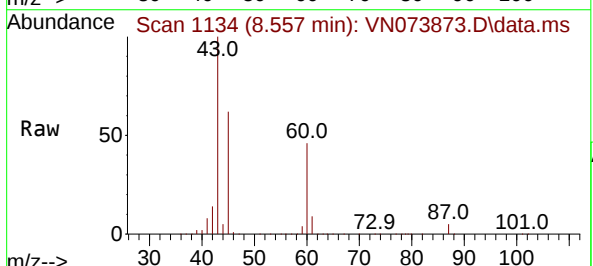
Delta R.T. 0.065 min

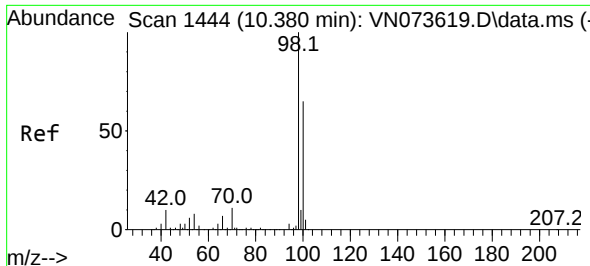
Lab File: VN073873.D

Acq: 13 Aug 2022 17:14

Tgt Ion: 43 Resp: 264400

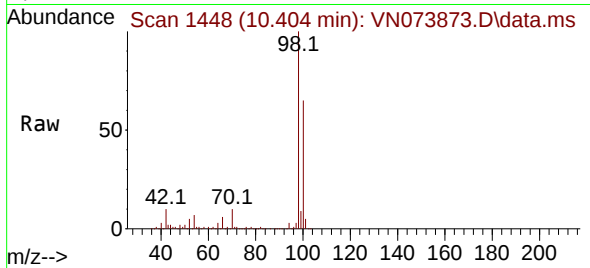
Ion	Ratio	Lower	Upper
43	100		
61	23.5	21.9	32.9
87	16.6	12.0	18.0





#50
Toluene-d8
Concen: 45.372 ug/l
RT: 10.404 min Scan# 1448
Delta R.T. 0.024 min
Lab File: VN073873.D
Acq: 13 Aug 2022 17:14

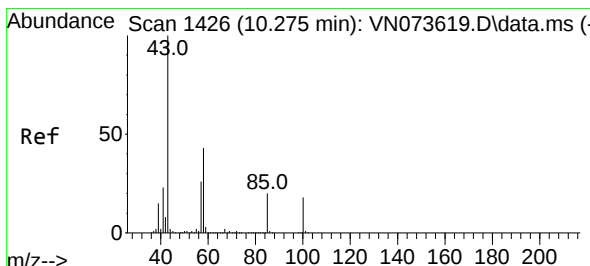
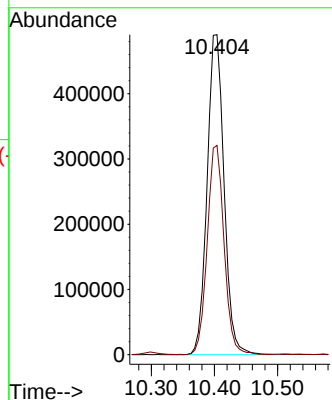
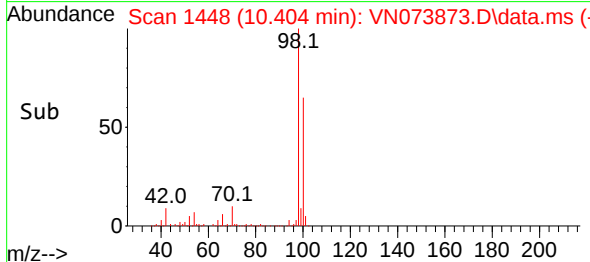
Instrument :
MSVOA_N
ClientSampleId :
FMC-0073



Tgt Ion: 98 Resp: 915470
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8

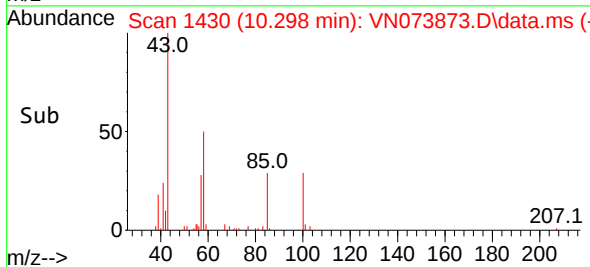
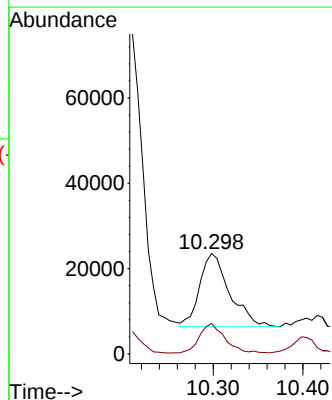
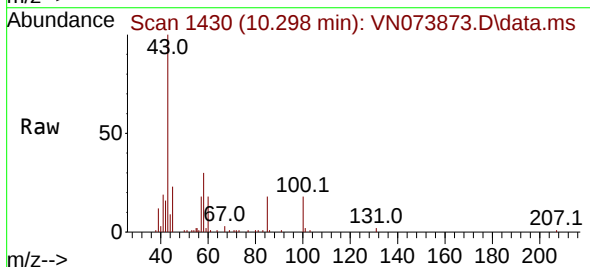
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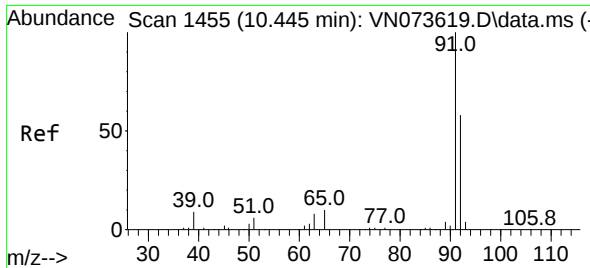
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#51
4-Methyl-2-Pentanone
Concen: 4.284 ug/l
RT: 10.298 min Scan# 1430
Delta R.T. 0.023 min
Lab File: VN073873.D
Acq: 13 Aug 2022 17:14

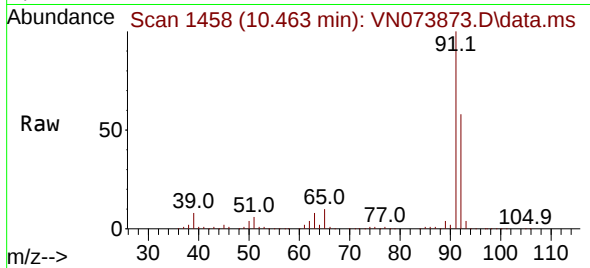
Tgt Ion: 43 Resp: 39945
Ion Ratio Lower Upper
43 100
58 37.6 34.1 51.1





#52
Toluene
Concen: 151.535 ug/l
RT: 10.463 min Scan# 1458
Delta R.T. 0.018 min
Lab File: VN073873.D
Acq: 13 Aug 2022 17:14

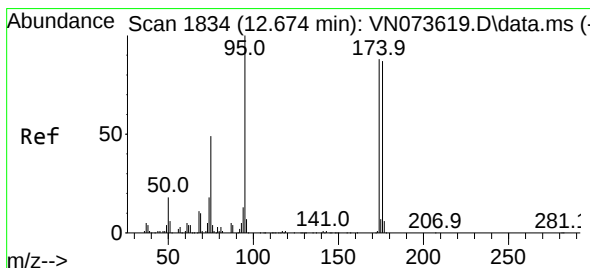
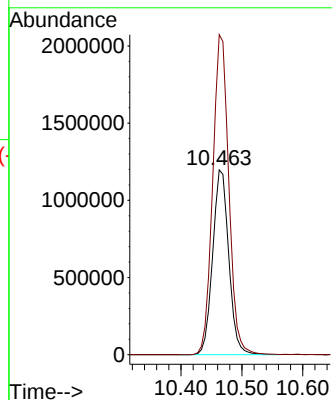
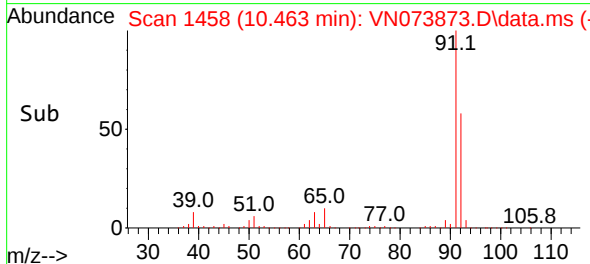
Instrument :
MSVOA_N
ClientSampleId :
FMC-0073



Tgt Ion: 92 Resp: 219649
Ion Ratio Lower Upper
92 100
91 173.4 138.6 207.8

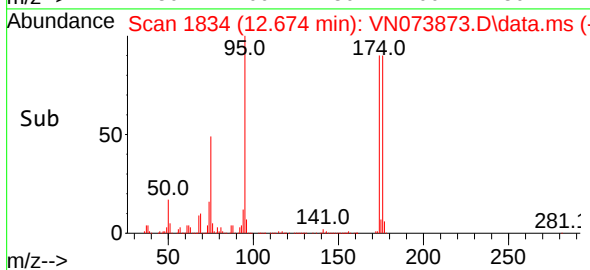
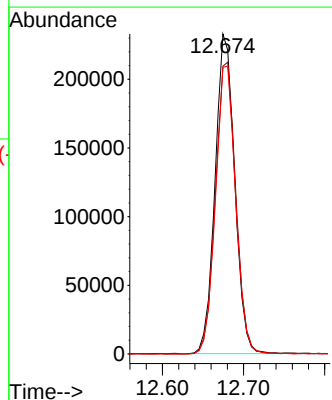
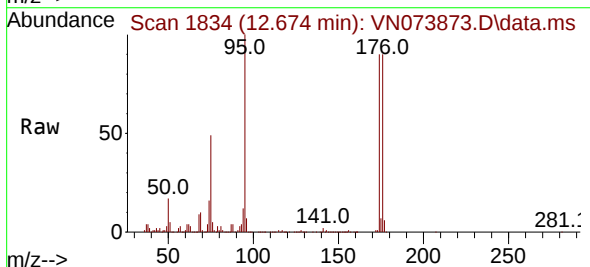
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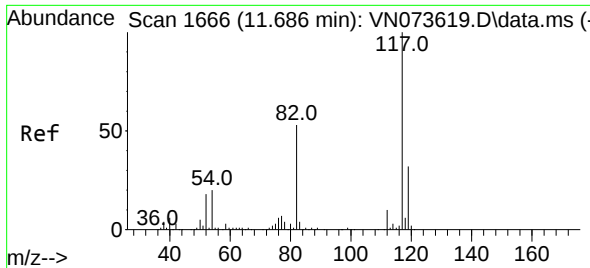
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#62
4-Bromofluorobenzene
Concen: 54.820 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073873.D
Acq: 13 Aug 2022 17:14

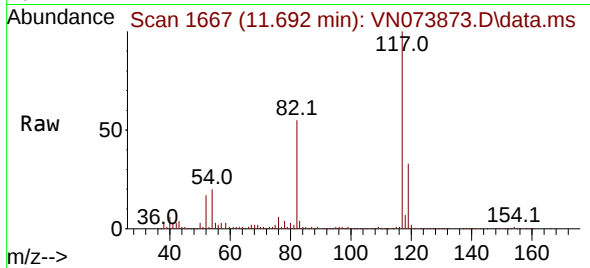
Tgt Ion: 95 Resp: 390284
Ion Ratio Lower Upper
95 100
174 95.3 0.0 167.6
176 92.6 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.692 min Scan# 1667
Delta R.T. 0.006 min
Lab File: VN073873.D
Acq: 13 Aug 2022 17:14

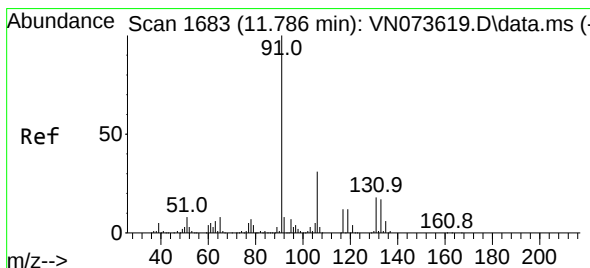
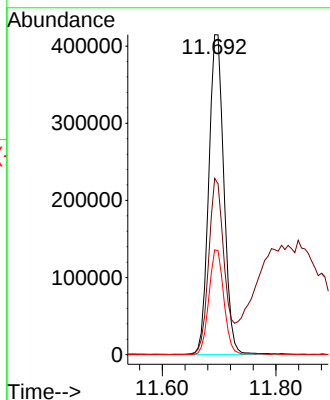
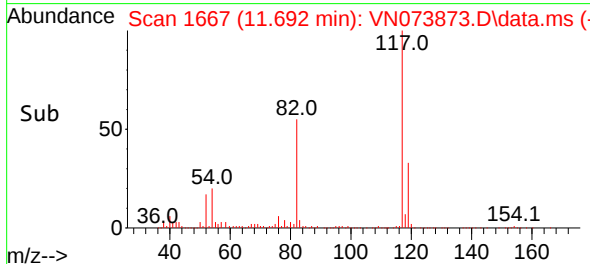
Instrument :
MSVOA_N
ClientSampleId :
FMC-0073



Tgt Ion: 117 Resp: 763730
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 32.7 25.4 38.0

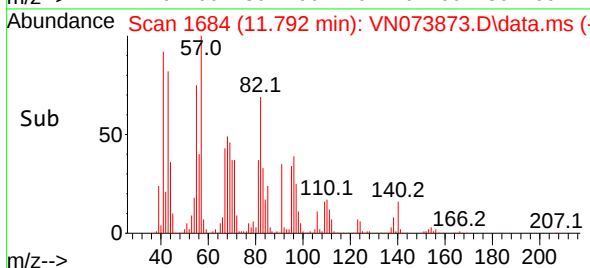
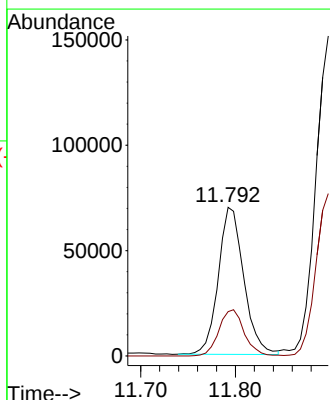
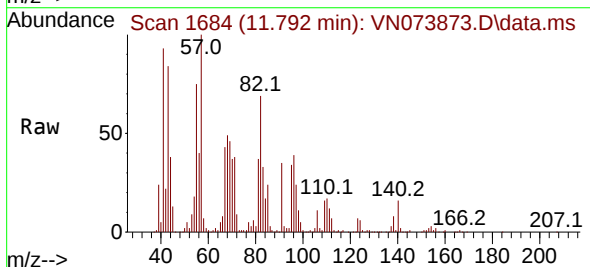
Manual Integrations
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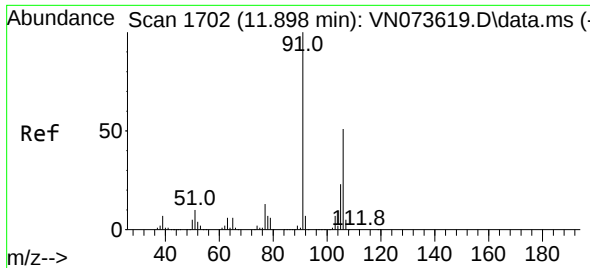
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#67
Ethyl Benzene
Concen: 4.767 ug/l
RT: 11.792 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN073873.D
Acq: 13 Aug 2022 17:14

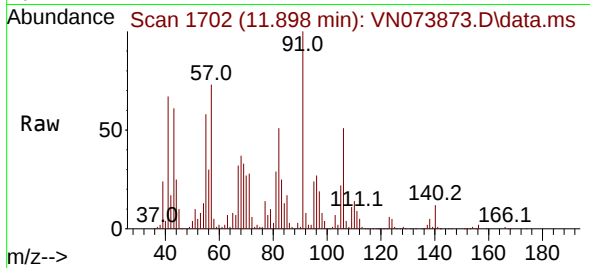
Tgt Ion: 91 Resp: 130461
Ion Ratio Lower Upper
91 100
106 30.2 24.9 37.3





#68
m/p-Xylenes
Concen: 15.273 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN073873.D
Acq: 13 Aug 2022 17:14

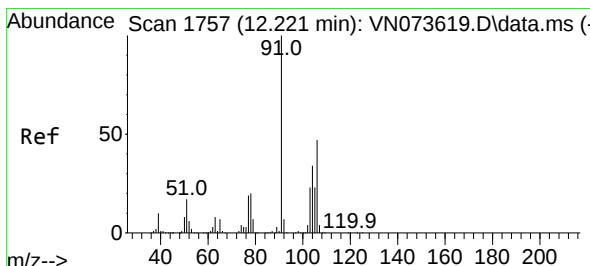
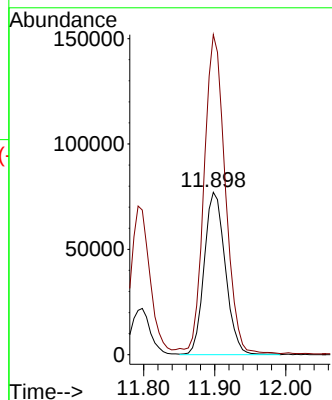
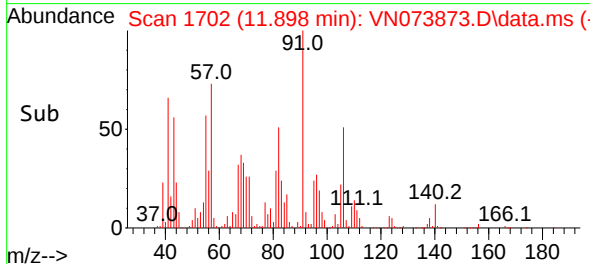
Instrument :
MSVOA_N
ClientSampleId :
FMC-0073



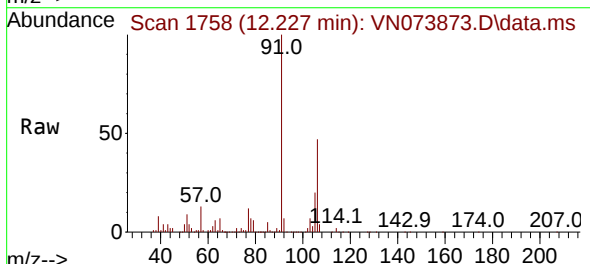
Tgt Ion:106 Resp: 15942
Ion Ratio Lower Upper
106 100
91 196.4 158.9 238.3

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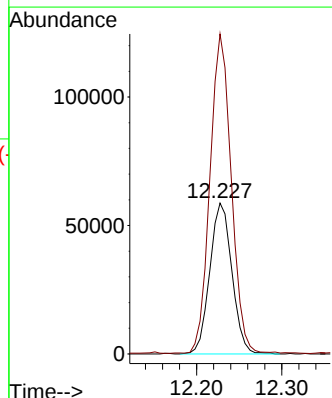
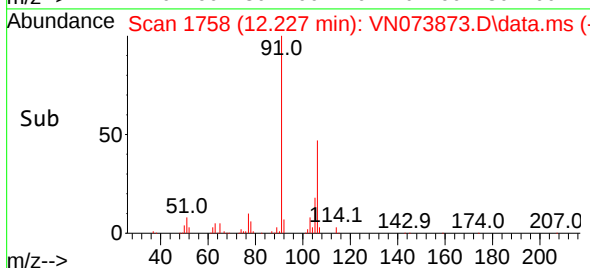
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022

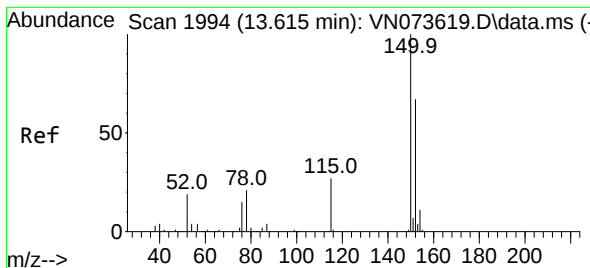


#69
o-Xylene
Concen: 10.408 ug/l
RT: 12.227 min Scan# 1758
Delta R.T. 0.006 min
Lab File: VN073873.D
Acq: 13 Aug 2022 17:14



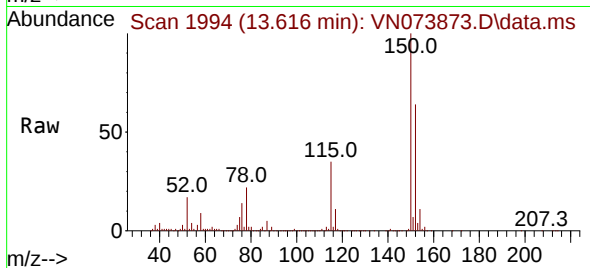
Tgt Ion:106 Resp: 105913
Ion Ratio Lower Upper
106 100
91 204.6 106.0 318.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073873.D
Acq: 13 Aug 2022 17:14

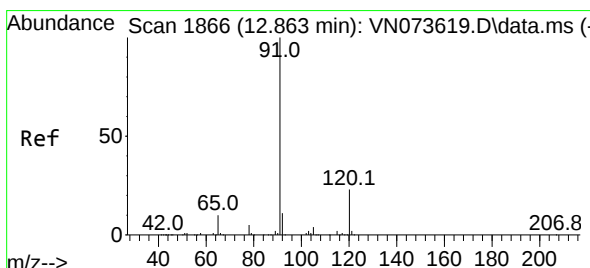
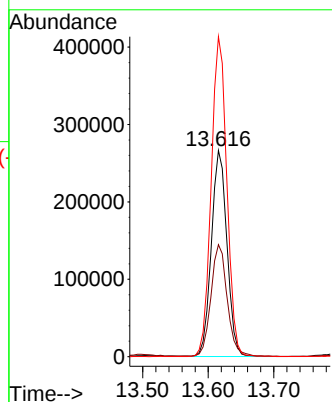
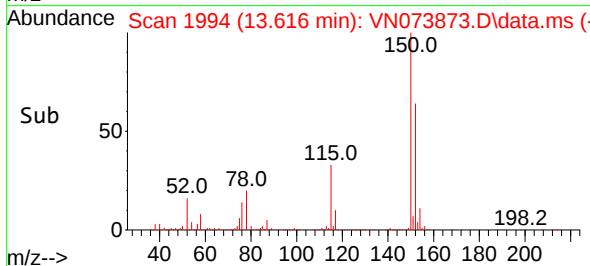
Instrument :
MSVOA_N
ClientSampleId :
FMC-0073



Tgt Ion:152 Resp: 439780
Ion Ratio Lower Upper
152 100
115 56.5 28.9 86.7
150 155.5 0.0 356.2

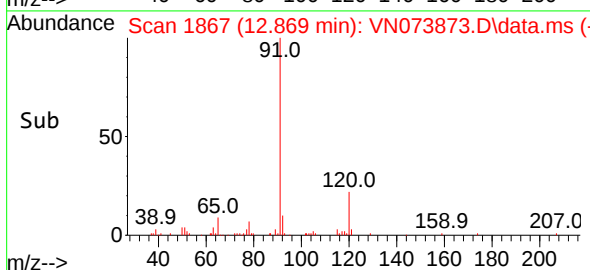
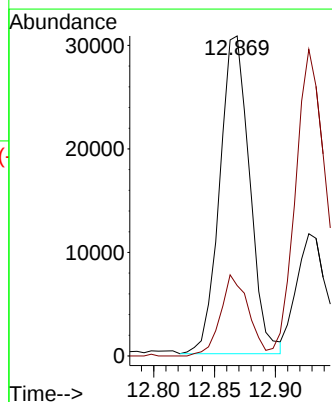
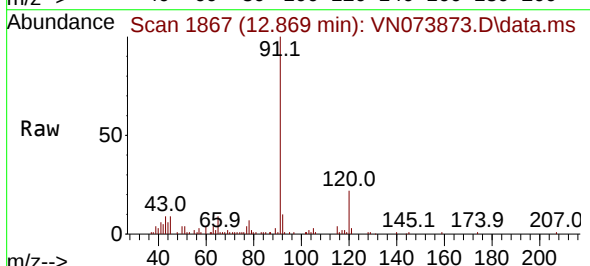
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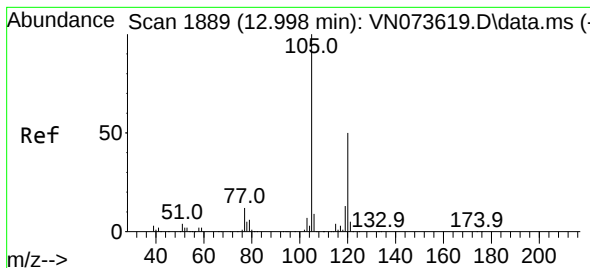
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#78
n-propylbenzene
Concen: 1.449 ug/l
RT: 12.869 min Scan# 1867
Delta R.T. 0.006 min
Lab File: VN073873.D
Acq: 13 Aug 2022 17:14

Tgt Ion: 91 Resp: 52493
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5





#80

1,3,5-Trimethylbenzene

Concen: 2.321 ug/l

RT: 13.004 min Scan# 1889

Delta R.T. 0.006 min

Lab File: VN073873.D

Acq: 13 Aug 2022 17:14

Instrument :

MSVOA_N

ClientSampleId :

FMC-0073

Tgt Ion:105 Resp: 6149

Ion Ratio Lower Upper

105 100

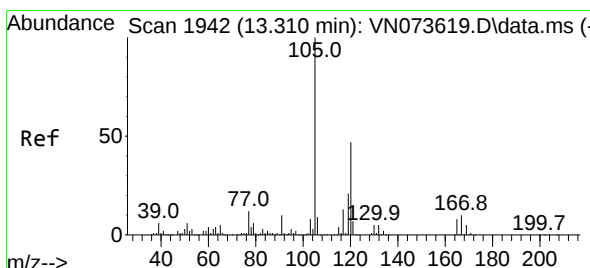
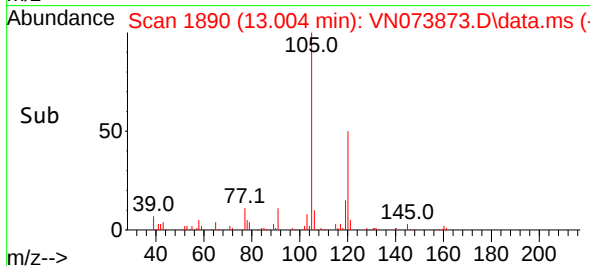
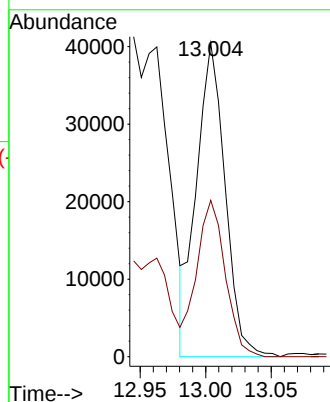
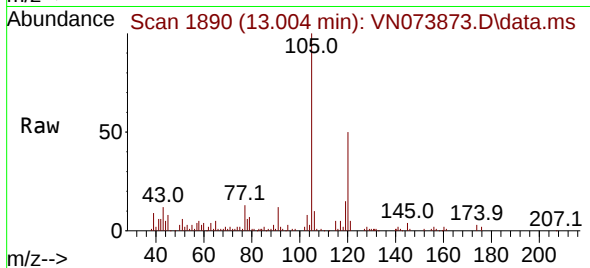
120 50.2 24.9 74.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2022

Supervised By :Mahesh Dadoda 08/16/2022



#84

1,2,4-Trimethylbenzene

Concen: 11.660 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. 0.000 min

Lab File: VN073873.D

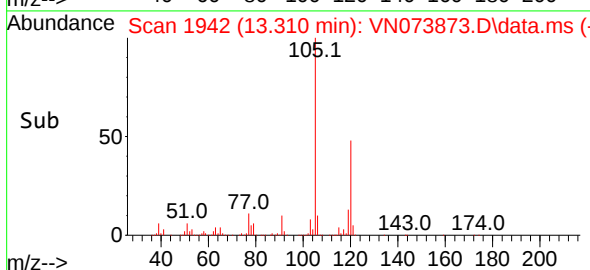
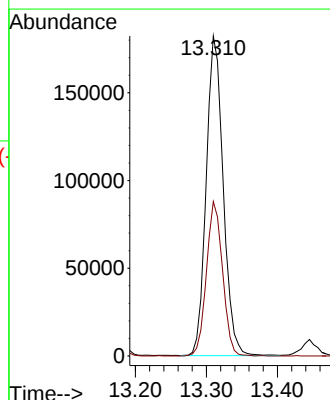
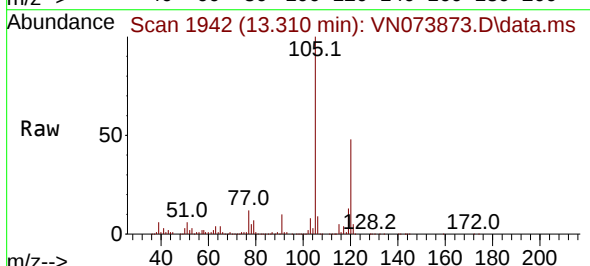
Acq: 13 Aug 2022 17:14

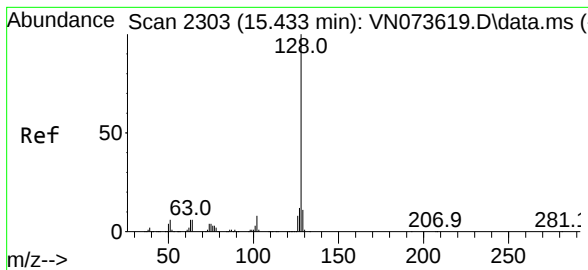
Tgt Ion:105 Resp: 303758

Ion Ratio Lower Upper

105 100

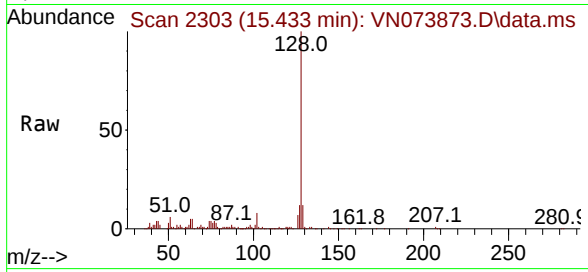
120 45.7 23.3 69.8





#95
Naphthalene
Concen: 6.388 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073873.D
Acq: 13 Aug 2022 17:14

Instrument :
MSVOA_N
ClientSampleId :
FMC-0073



Tgt Ion:128 Resp: 15964
Ion Ratio Lower Upper
128 100
127 13.9 10.3 15.5
129 12.5 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022

