

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010422\
 Data File : VN070460.D
 Acq On : 4 Jan 2022 13:46
 Operator : JC/MD
 Sample : M5251-06DL 20X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-101RDL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/05/2022
 Supervised By : Mahesh Dadoda 01/05/2022

Quant Time: Jan 05 03:15:32 2022
 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	8.080	168	1012790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1693696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1585488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	627600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	712234	48.910	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.820%		
35) Dibromofluoromethane	8.019	113	485050	47.333	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.660%		
50) Toluene-d8	10.438	98	2062595	49.270	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.540%		
62) 4-Bromofluorobenzene	12.728	95	859839	56.868	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	113.740%		
Target Compounds						
					Qvalue	
25) 2-Butanone	7.345	43	36363	3.055	ug/l #	87
31) Cyclohexane	8.086	56	139883	6.087	ug/l #	83
39) Methylcyclohexane	9.456	83	62651	3.053	ug/l #	87
40) Benzene	8.458	78	32122	0.618	ug/l	97
52) Toluene	10.502	92	2094003	66.564	ug/l	97
59) 2-Hexanone	11.087	43	30455	1.918	ug/l	69
67) Ethyl Benzene	11.840	91	6591371	106.938	ug/l	96
68) m/p-Xylenes	11.948	106	7530368	335.633	ug/l	96
69) o-Xylene	12.278	106	2912331	130.501	ug/l	92
73) Isopropylbenzene	12.575	105	177169	3.040	ug/l	98
78) n-propylbenzene	12.919	91	567175	8.783	ug/l	95
80) 1,3,5-Trimethylbenzene	13.055	105	973044	20.834	ug/l	96
84) 1,2,4-Trimethylbenzene	13.364	105	3674353	81.701	ug/l	98
85) sec-Butylbenzene	13.498	105	20725m	0.371	ug/l	
89) n-Butylbenzene	13.940	91	17485m	0.478	ug/l	

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

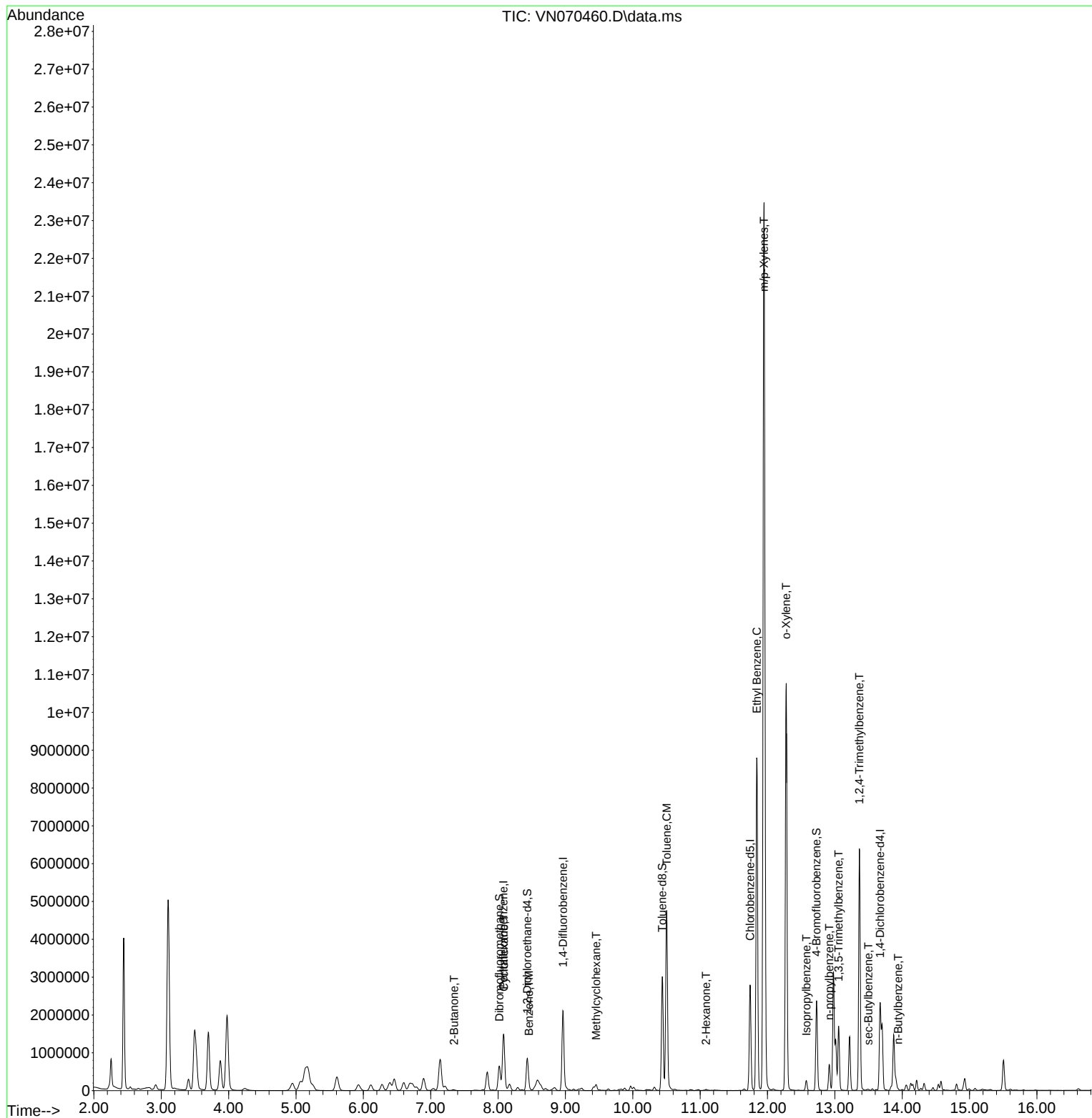
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010422\
Data File : VN070460.D
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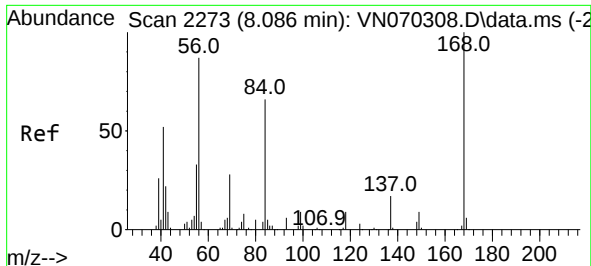
Instrument :
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Quant Time: Jan 05 03:15:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
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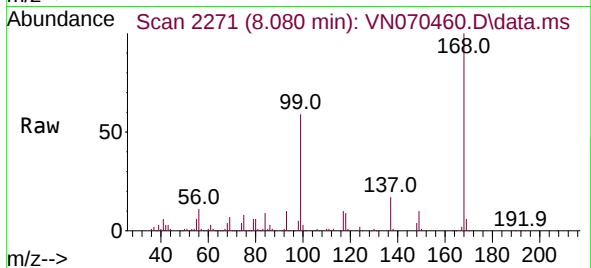
Reviewed By : John Carlone 01/05/2022
Supervised By : Mahesh Dadoda 01/05/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070460.D
Acq: 4 Jan 2022 13:46

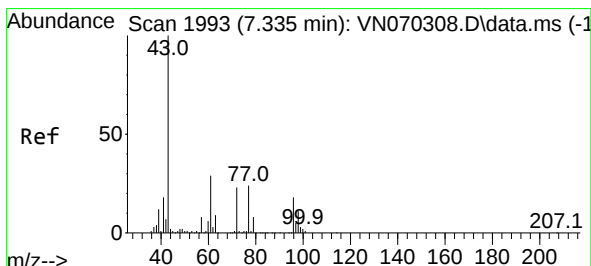
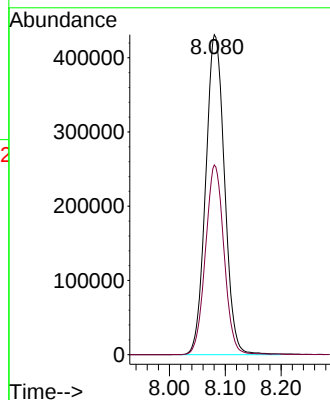
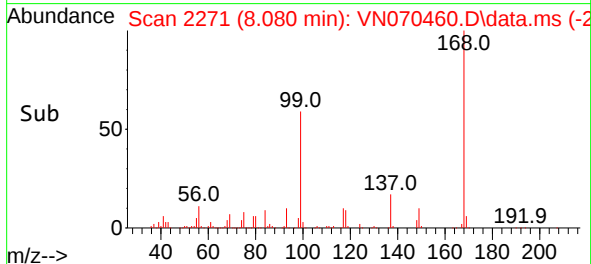
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MW-101RDL



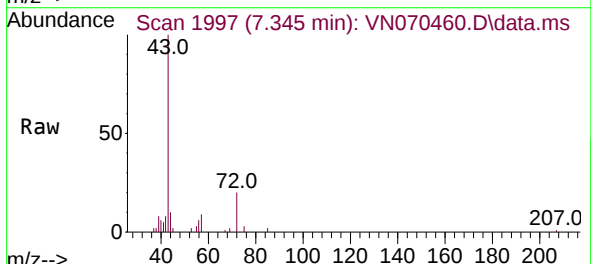
Tgt Ion:168 Resp: 1012790
Ion Ratio Lower Upper
168 100
99 59.3 41.3 61.9

Manual Integrations
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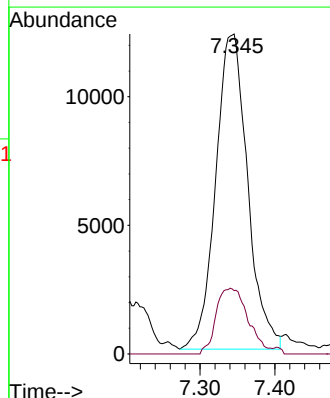
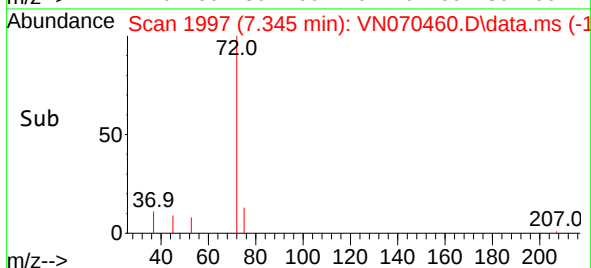
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

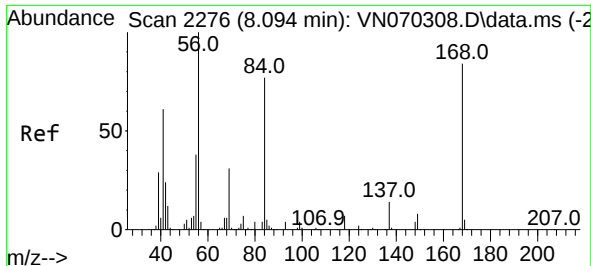


#25
2-Butanone
Concen: 3.055 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.010 min
Lab File: VN070460.D
Acq: 4 Jan 2022 13:46



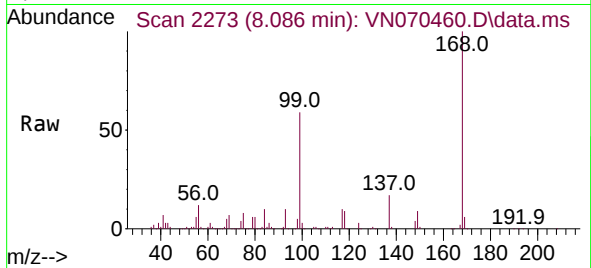
Tgt Ion: 43 Resp: 36363
Ion Ratio Lower Upper
43 100
72 20.1 21.7 32.5#





#31
Cyclohexane
Concen: 6.087 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070460.D
Acq: 4 Jan 2022 13:46

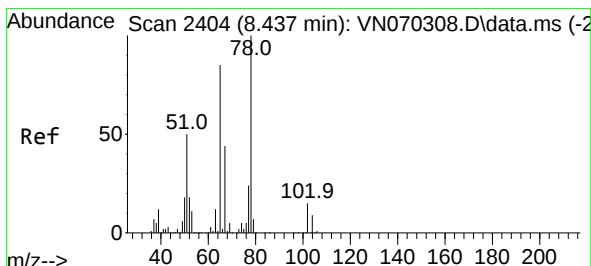
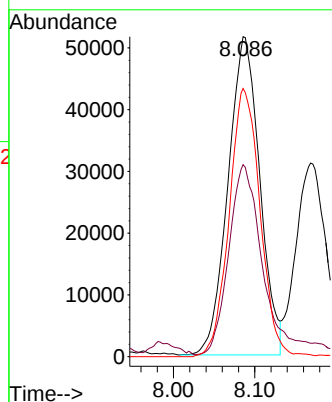
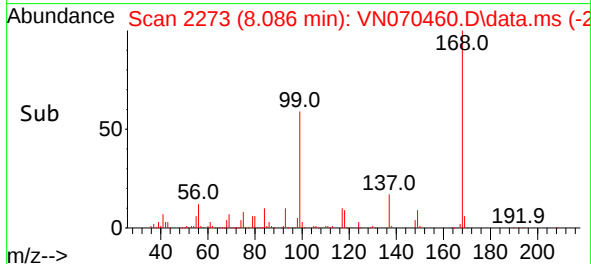
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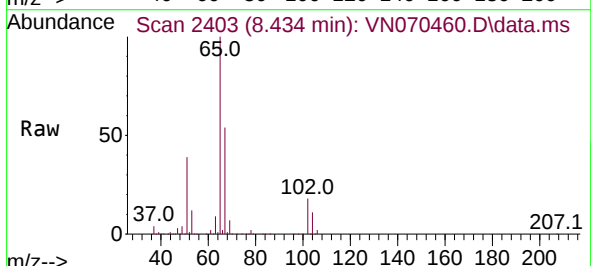
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Ion Ratio Lower Upper
56 100
69 57.7 27.1 40.7
84 84.2 73.4 110.0

Manual Integrations
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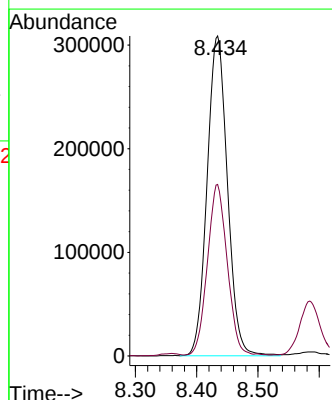
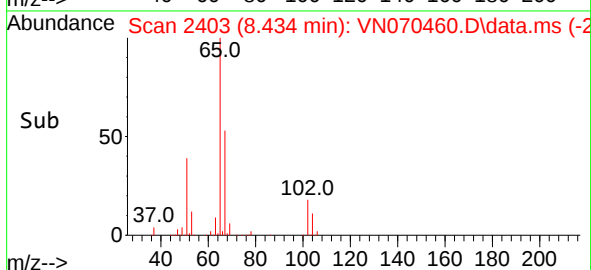
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

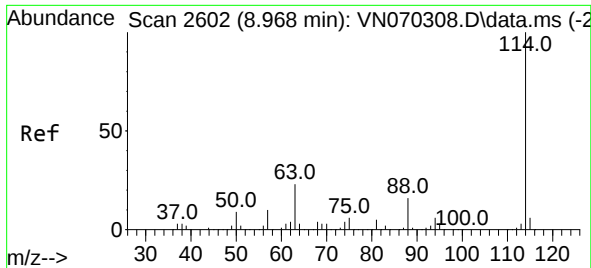


#33
1,2-Dichloroethane-d4
Concen: 48.910 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.003 min
Lab File: VN070460.D
Acq: 4 Jan 2022 13:46



Tgt Ion: 65 Resp: 712234
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN070460.D
Acq: 4 Jan 2022 13:46

Instrument :

MSVOA_N

ClientSampleId :

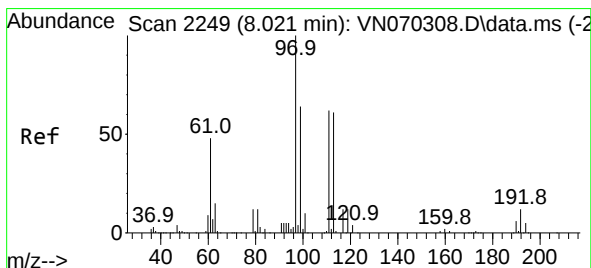
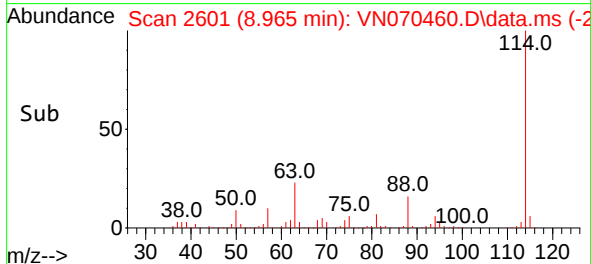
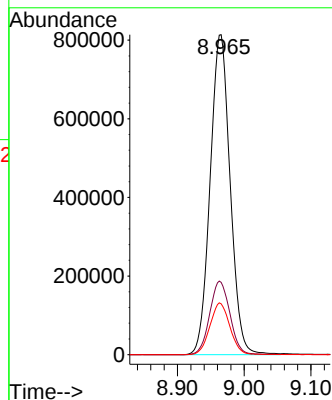
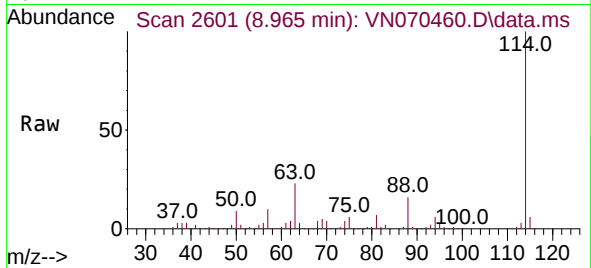
MW-101RDL

Tgt Ion:114 Resp: 1693690
Ion Ratio Lower Upper
114 100
63 22.6 0.0 37.8
88 15.9 0.0 27.4

Manual Integrations

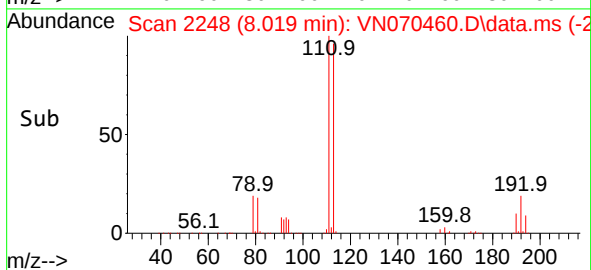
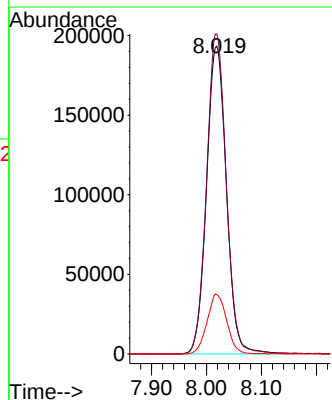
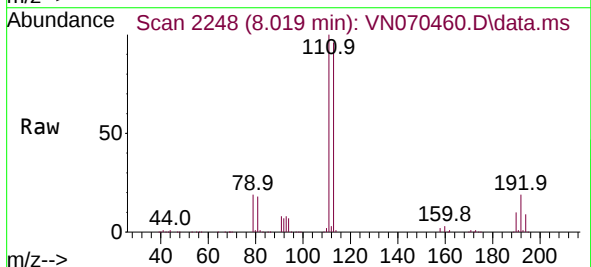
APPROVED

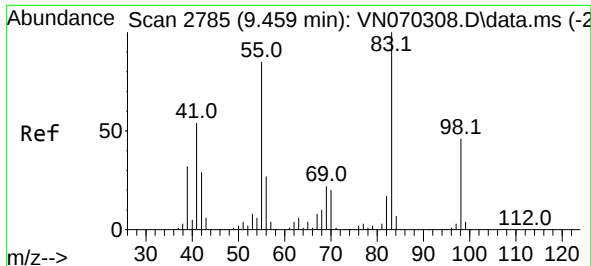
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#35
Dibromofluoromethane
Concen: 47.333 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.002 min
Lab File: VN070460.D
Acq: 4 Jan 2022 13:46

Tgt Ion:113 Resp: 485050
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 19.2 16.9 25.3





#39

Methylcyclohexane

Concen: 3.053 ug/l

RT: 9.456 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070460.D

Acq: 4 Jan 2022 13:46

Instrument :

MSVOA_N

ClientSampleId :

MW-101RDL

Tgt Ion: 83 Resp: 6265

Ion Ratio Lower Upper

83 100

55 87.6 58.1 87.1

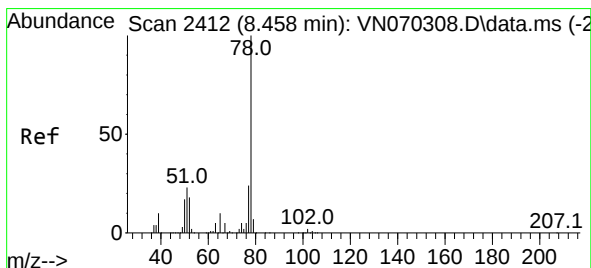
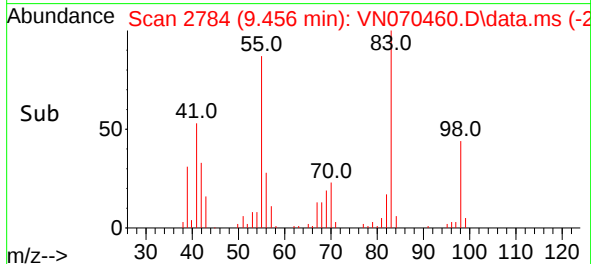
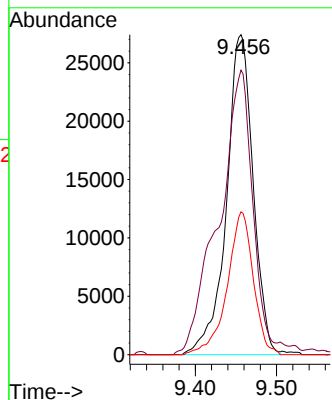
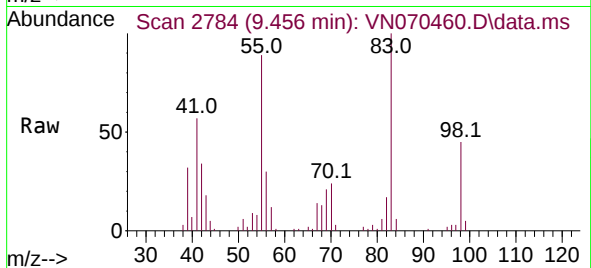
98 44.7 38.4 57.6

Manual Integrations

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#40

Benzene

Concen: 0.618 ug/l

RT: 8.458 min Scan# 2412

Delta R.T. 0.000 min

Lab File: VN070460.D

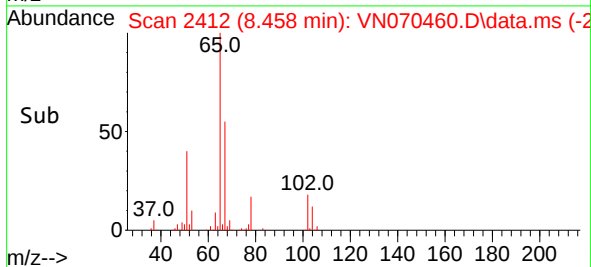
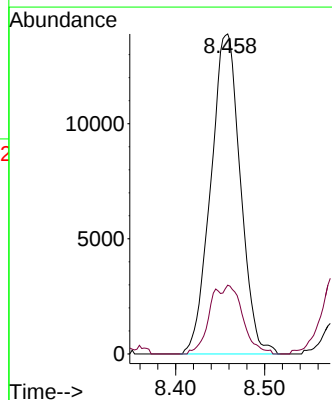
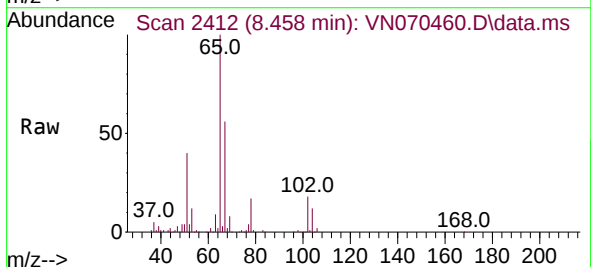
Acq: 4 Jan 2022 13:46

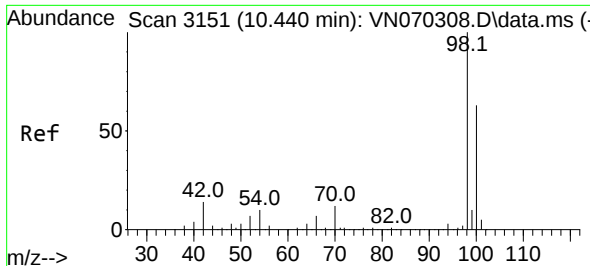
Tgt Ion: 78 Resp: 32122

Ion Ratio Lower Upper

78 100

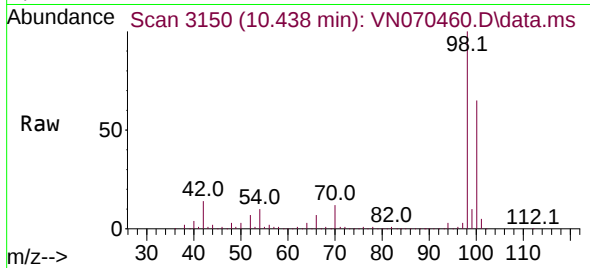
77 21.5 18.6 27.8





#50
Toluene-d8
Concen: 49.270 ug/l
RT: 10.438 min Scan# 3151
Delta R.T. -0.002 min
Lab File: VN070460.D
Acq: 4 Jan 2022 13:46

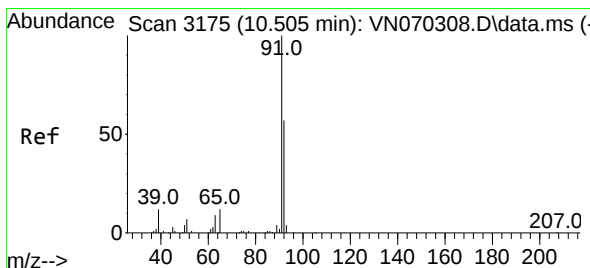
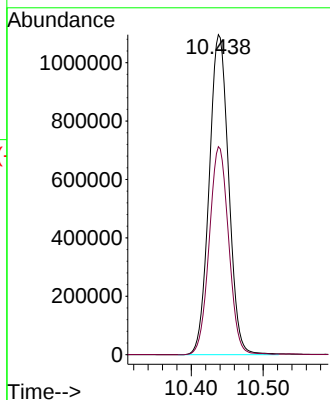
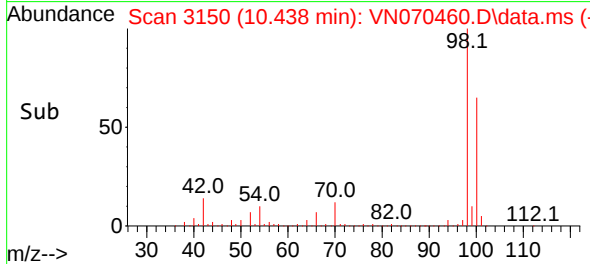
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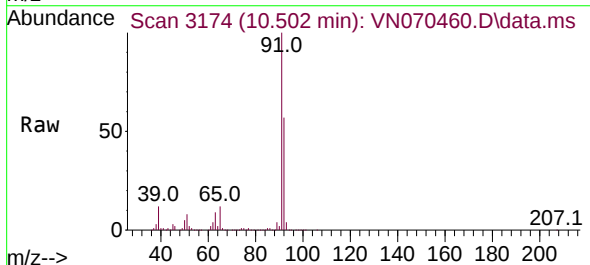
Tgt Ion: 98 Resp: 206259
Ion Ratio Lower Upper
98 100
100 64.7 50.4 75.6

Manual Integrations
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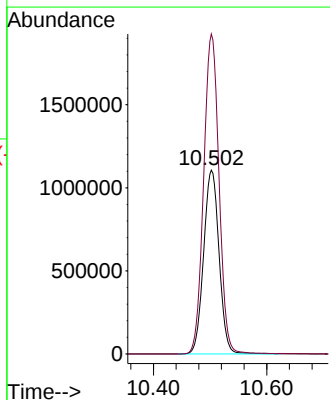
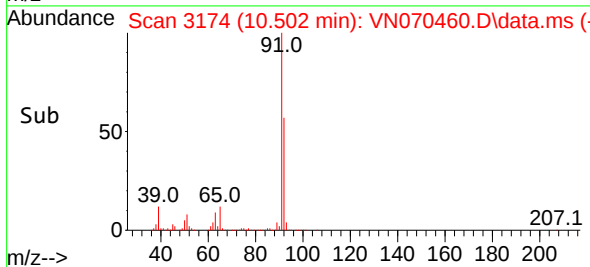
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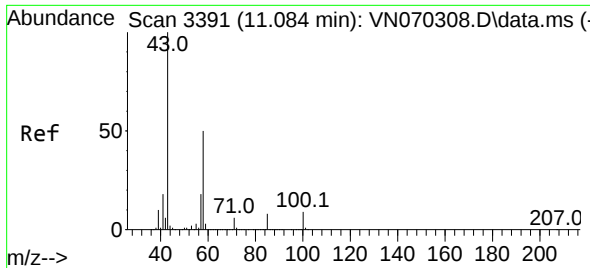


#52
Toluene
Concen: 66.564 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.003 min
Lab File: VN070460.D
Acq: 4 Jan 2022 13:46



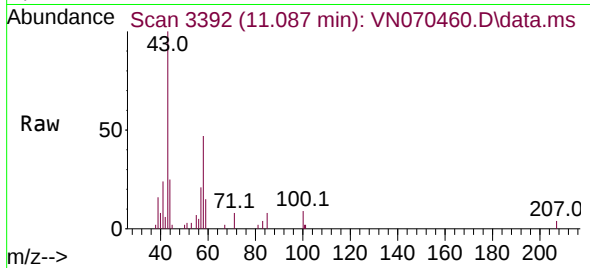
Tgt Ion: 92 Resp: 2094003
Ion Ratio Lower Upper
92 100
91 173.4 142.0 213.0





#59
2-Hexanone
Concen: 1.918 ug/l
RT: 11.087 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070460.D
Acq: 4 Jan 2022 13:46

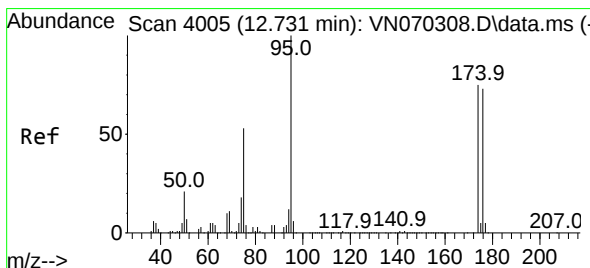
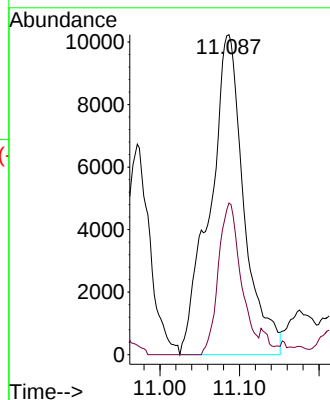
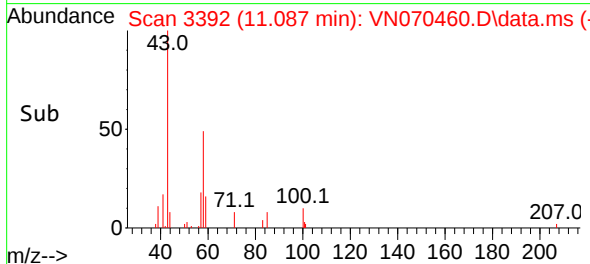
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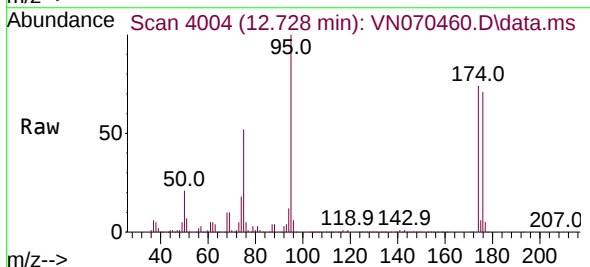
Tgt Ion: 43 Resp: 3045
Ion Ratio Lower Upper
43 100
58 31.6 26.9 80.7

Manual Integrations
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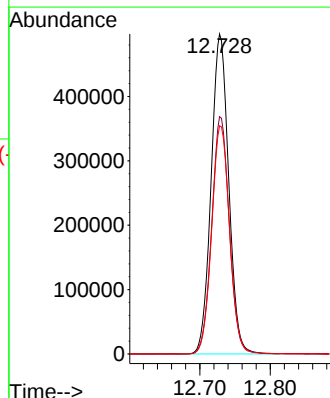
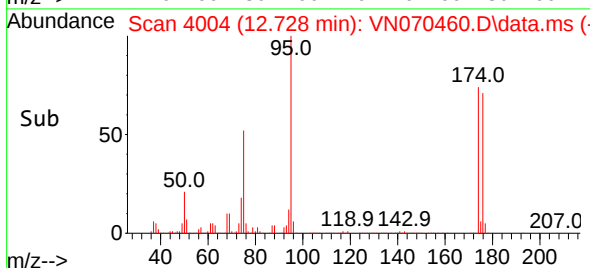
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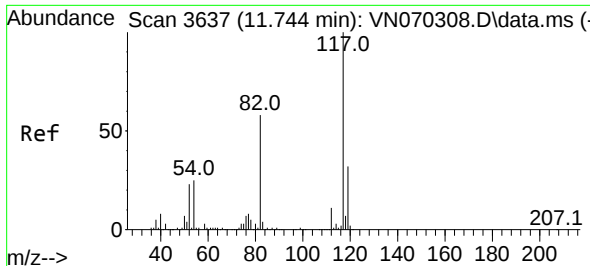


#62
4-Bromofluorobenzene
Concen: 56.868 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070460.D
Acq: 4 Jan 2022 13:46



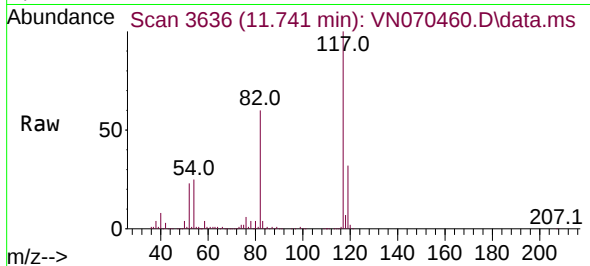
Tgt Ion: 95 Resp: 859839
Ion Ratio Lower Upper
95 100
174 74.5 0.0 187.2
176 72.4 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3636
Delta R.T. -0.003 min
Lab File: VN070460.D
Acq: 4 Jan 2022 13:46

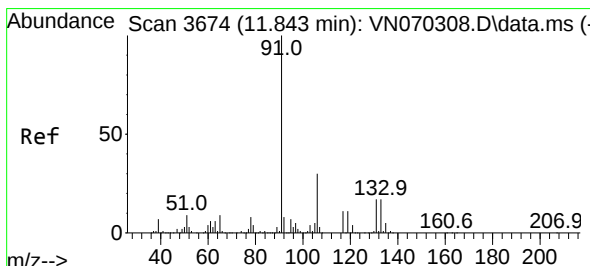
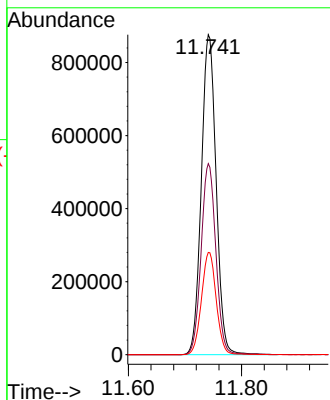
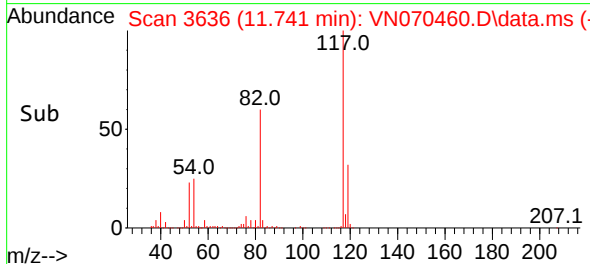
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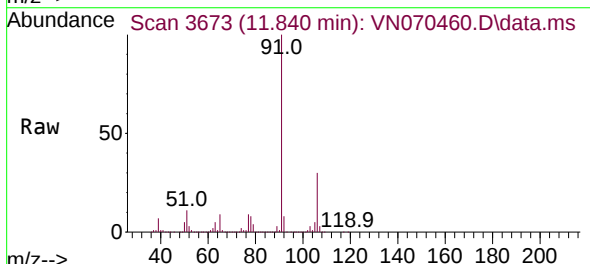
Tgt Ion: 117 Resp: 158548
Ion Ratio Lower Upper
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Manual Integrations
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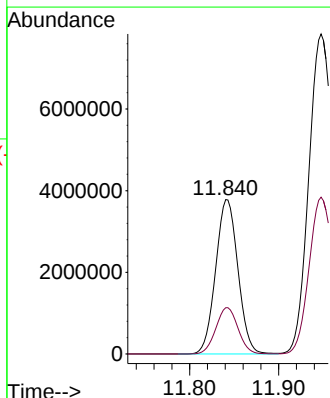
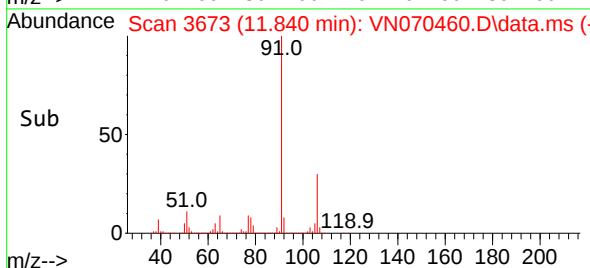
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

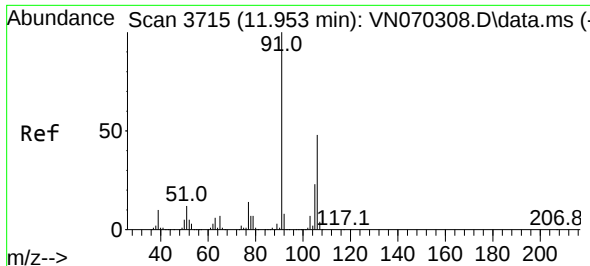


#67
Ethyl Benzene
Concen: 106.938 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN070460.D
Acq: 4 Jan 2022 13:46



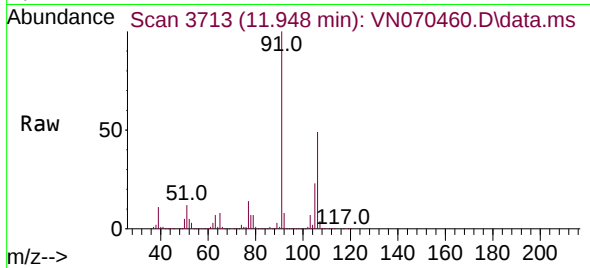
Tgt Ion: 91 Resp: 6591371
Ion Ratio Lower Upper
91 100
106 29.9 25.7 38.5





#68
m/p-Xylenes
Concen: 335.633 ug/l
RT: 11.948 min Scan# 3713
Delta R.T. -0.005 min
Lab File: VN070460.D
Acq: 4 Jan 2022 13:46

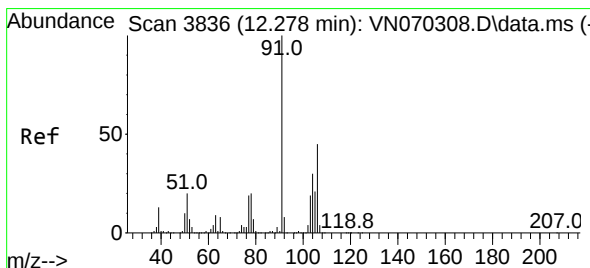
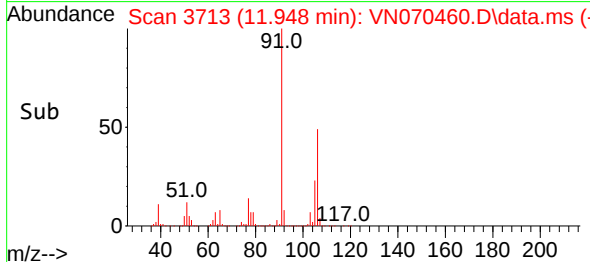
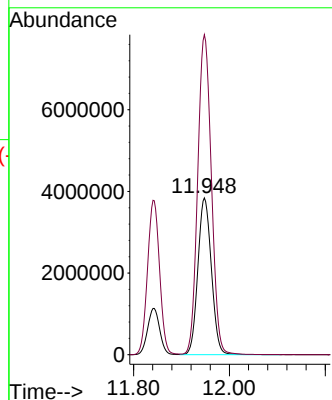
Instrument :
MSVOA_N
ClientSampleId :
MW-101RDL



Tgt Ion:106 Resp: 753036
Ion Ratio Lower Upper
106 100
91 206.6 160.6 240.8

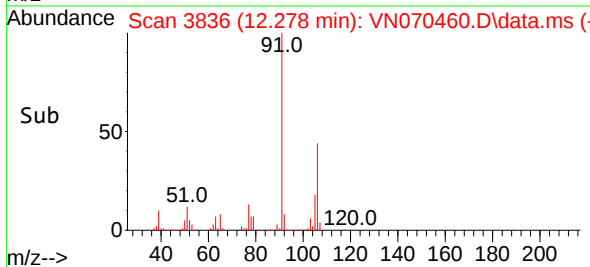
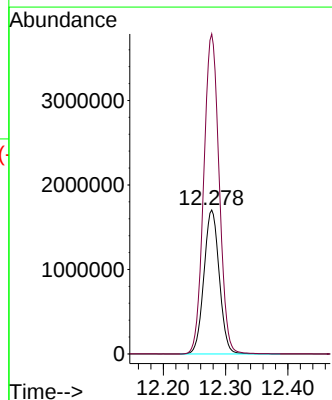
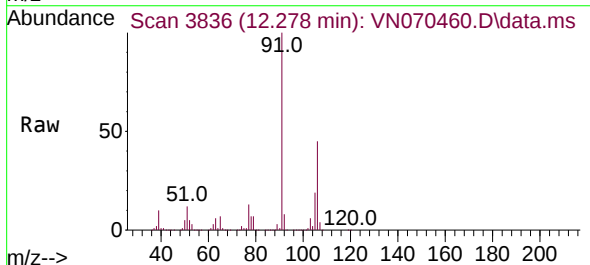
Manual Integrations
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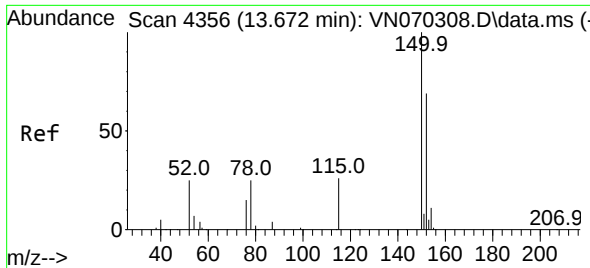
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#69
o-Xylene
Concen: 130.501 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070460.D
Acq: 4 Jan 2022 13:46

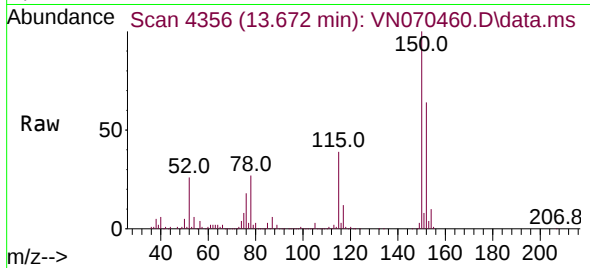
Tgt Ion:106 Resp: 2912331
Ion Ratio Lower Upper
106 100
91 223.7 105.8 317.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070460.D
Acq: 4 Jan 2022 13:46

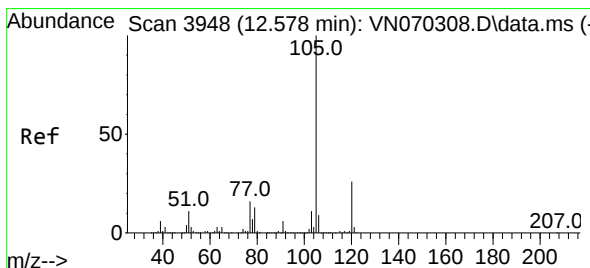
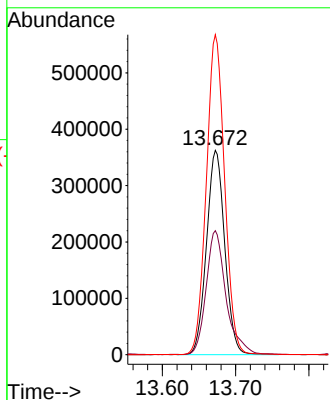
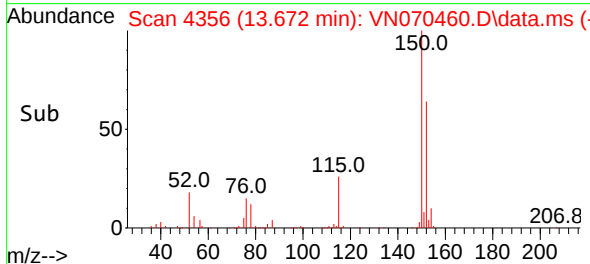
Instrument :
MSVOA_N
ClientSampleId :
MW-101RDL



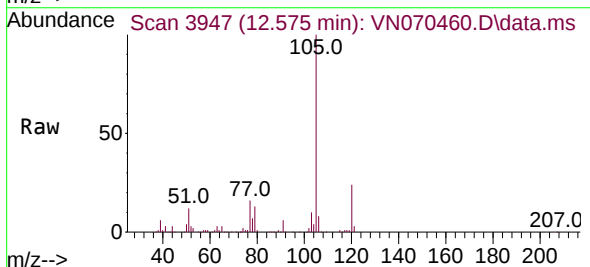
Tgt Ion:152 Resp: 627600
Ion Ratio Lower Upper
152 100
115 66.2 27.5 82.5
150 156.9 0.0 344.4

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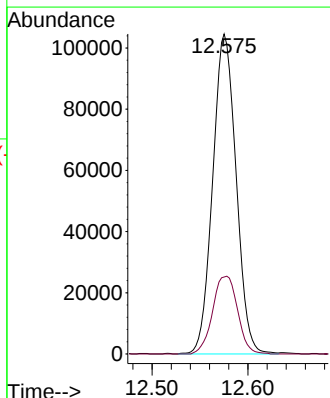
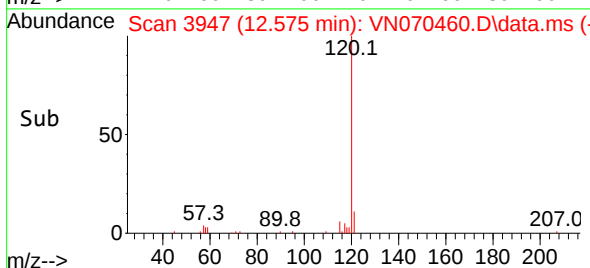
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

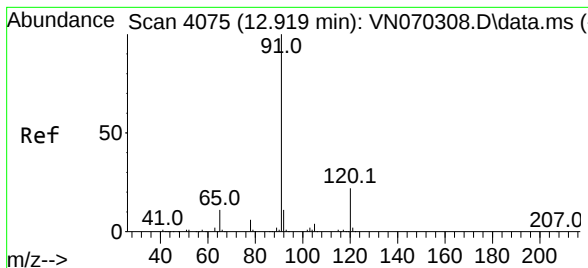


#73
Isopropylbenzene
Concen: 3.040 ug/l
RT: 12.575 min Scan# 3947
Delta R.T. -0.003 min
Lab File: VN070460.D
Acq: 4 Jan 2022 13:46



Tgt Ion:105 Resp: 177169
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1





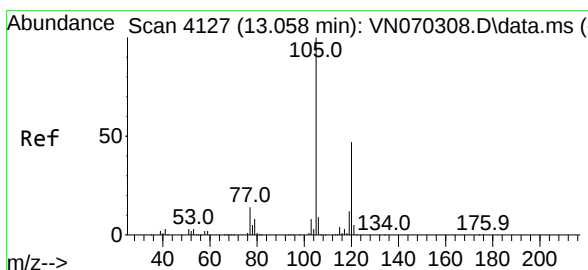
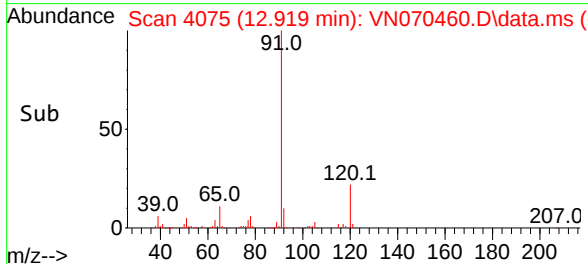
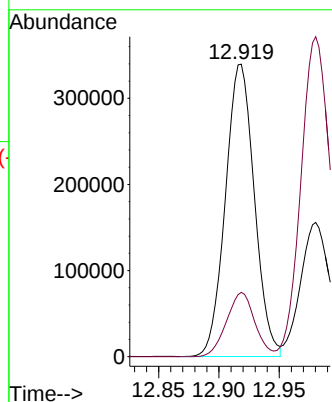
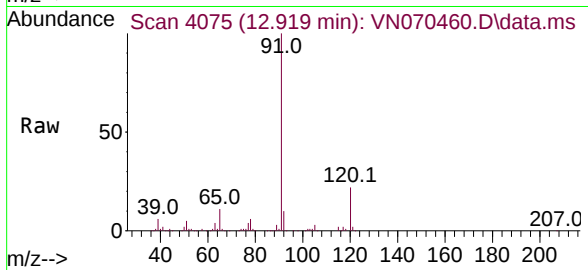
#78
n-propylbenzene
Concen: 8.783 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070460.D
Acq: 4 Jan 2022 13:46

Instrument :
MSVOA_N
ClientSampleId :
MW-101RDL

Tgt Ion: 91 Resp: 56717
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.9

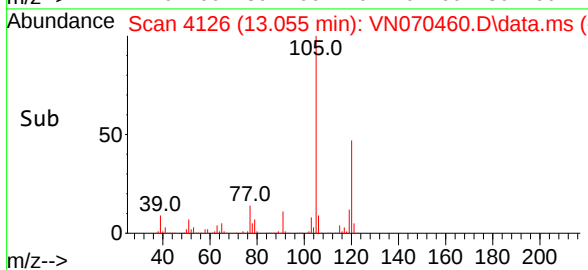
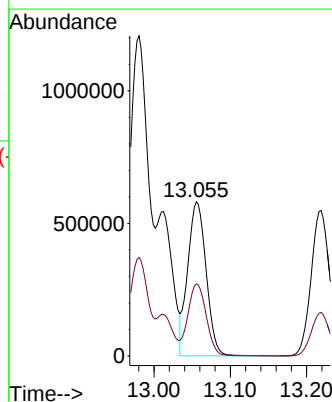
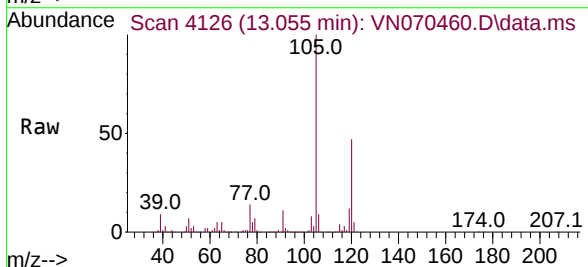
Manual Integrations
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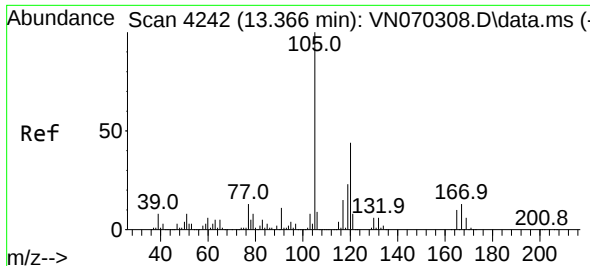
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.834 ug/l
RT: 13.055 min Scan# 4126
Delta R.T. -0.003 min
Lab File: VN070460.D
Acq: 4 Jan 2022 13:46

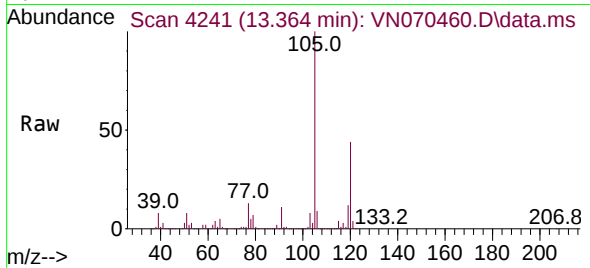
Tgt Ion:105 Resp: 973044
Ion Ratio Lower Upper
105 100
120 46.6 24.6 73.6





#84
1,2,4-Trimethylbenzene
Concen: 81.701 ug/l
RT: 13.364 min Scan# 4242
Delta R.T. -0.002 min
Lab File: VN070460.D
Acq: 4 Jan 2022 13:46

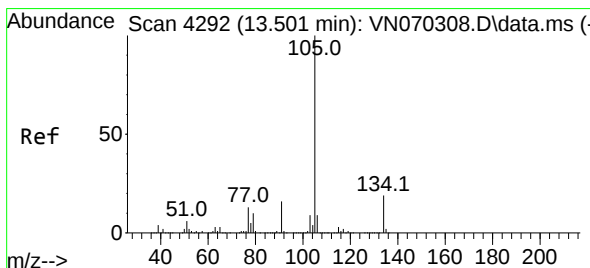
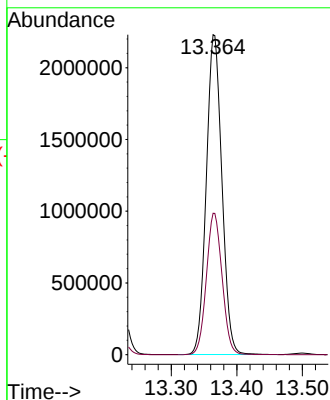
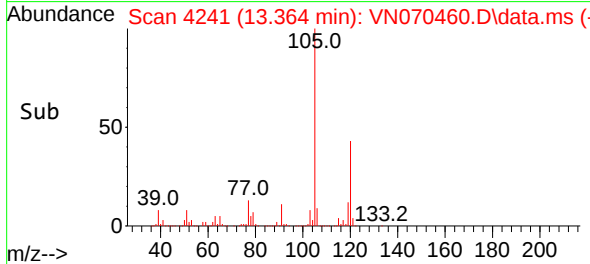
Instrument :
MSVOA_N
ClientSampleId :
MW-101RDL



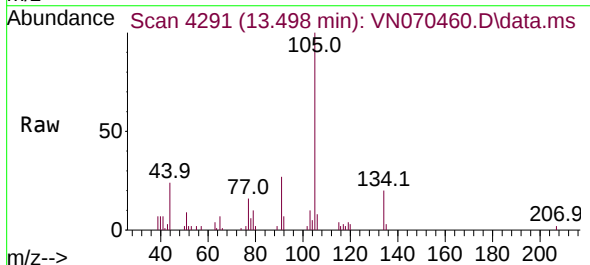
Tgt Ion:105 Resp: 367435
Ion Ratio Lower Upper
105 100
120 44.5 22.8 68.4

Manual Integrations
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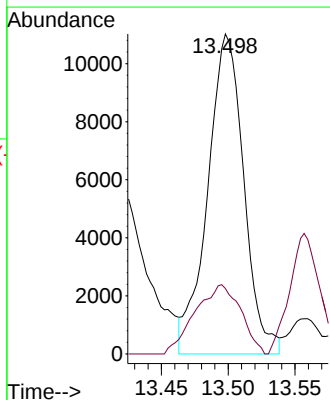
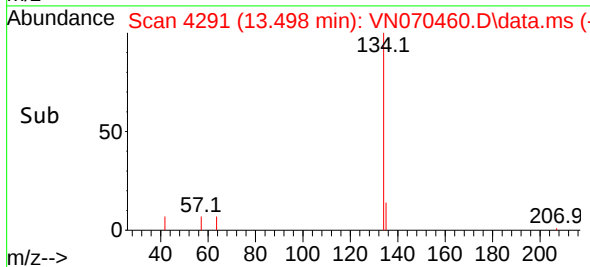
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

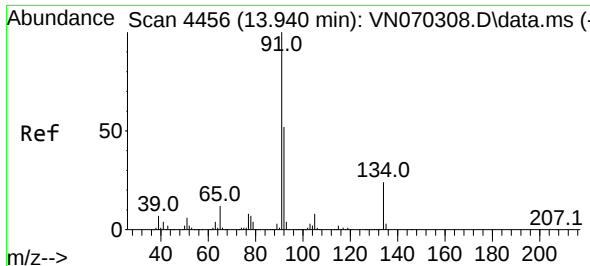


#85
sec-Butylbenzene
Concen: 0.371 ug/l m
RT: 13.498 min Scan# 4291
Delta R.T. -0.003 min
Lab File: VN070460.D
Acq: 4 Jan 2022 13:46



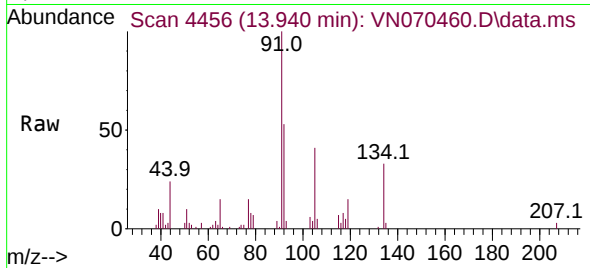
Tgt Ion:105 Resp: 20725
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#





#89
 n-Butylbenzene
 Concen: 0.478 ug/l m
 RT: 13.940 min Scan# 4456
 Delta R.T. 0.000 min
 Lab File: VN070460.D
 Acq: 4 Jan 2022 13:46

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-101RDL



Tgt Ion: 91	Resp: 1748
Ion Ratio	Lower Upper
91	100
92	110.6 25.4 76.0
134	76.0 13.6 40.8

Manual Integrations
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Reviewed By :John Carlone 01/05/2022
 Supervised By :Mahesh Dadoda 01/05/2022

