

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074262.D
 Acq On : 02 Sep 2022 00:04
 Operator : JC\MD
 Sample : N4376-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-28

Quant Time: Sep 02 05:43:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 09/02/2022
 Supervised By :Mahesh Dadoda 09/02/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	211675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	414995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	380188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	175111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	162935	49.621	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.240%		
35) Dibromofluoromethane	7.951	113	131683	48.763	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.520%		
50) Toluene-d8	10.380	98	481392	45.266	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.540%		
62) 4-Bromofluorobenzene	12.668	95	174542	53.970	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.940%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.287	59	790468	1097.887	ug/l	100
16) Acetone	4.234	43	9131m	4.162	ug/l	
19) Methyl tert-butyl Ether	5.539	73	183332	19.971	ug/l #	74
22) Diisopropyl ether	6.416	45	62702	5.561	ug/l #	83
31) Cyclohexane	8.028	56	30116	5.551	ug/l #	77
40) Benzene	8.392	78	2348626	170.714	ug/l	98
52) Toluene	10.439	92	7036	0.868	ug/l	99
67) Ethyl Benzene	11.786	91	34514	2.248	ug/l	94
68) m/p-Xylenes	11.904	106	7385	1.295	ug/l	86
69) o-Xylene	12.221	106	3619	0.637	ug/l	93
73) Isopropylbenzene	12.521	105	90829	6.057	ug/l	98
78) n-propylbenzene	12.857	91	109231	6.390	ug/l	95
85) sec-Butylbenzene	13.439	105	9005	0.615	ug/l	91
95) Naphthalene	15.439	128	26778	3.120	ug/l #	91

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

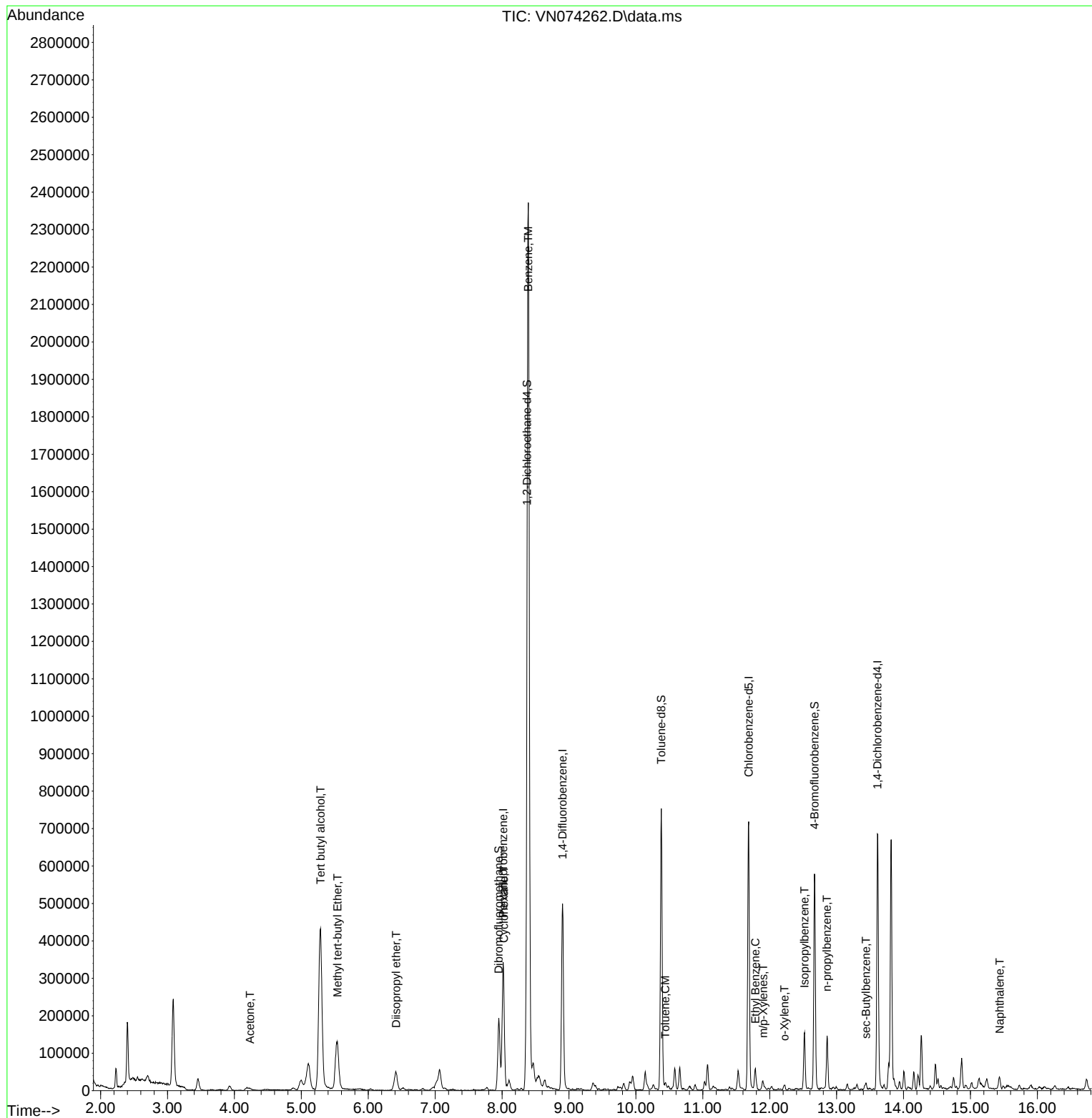
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
Data File : VN074262.D
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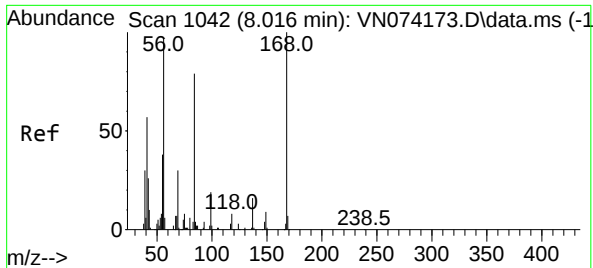
Instrument :
MSVOA_N
ClientSampleId :
MW-28

Quant Time: Sep 02 05:43:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 31 07:02:40 2022
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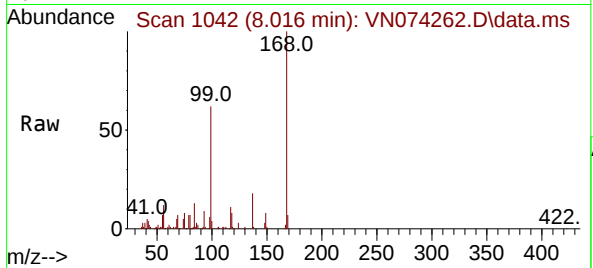
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074262.D
Acq: 02 Sep 2022 00:04

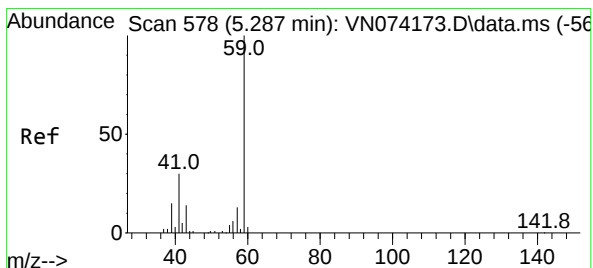
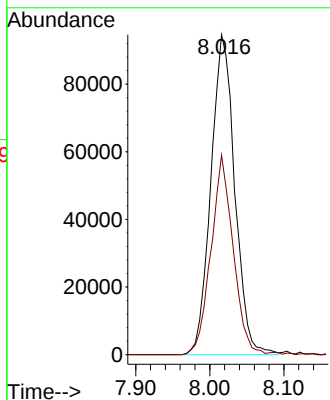
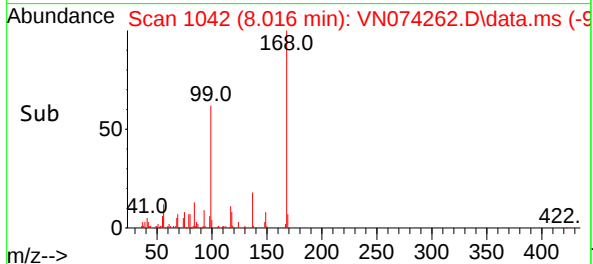
Instrument :
MSVOA_N
ClientSampleId :
MW-28



Tgt Ion:168 Resp: 211679
Ion Ratio Lower Upper
168 100
99 62.4 42.3 63.5

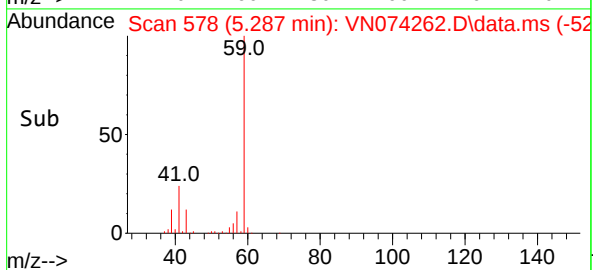
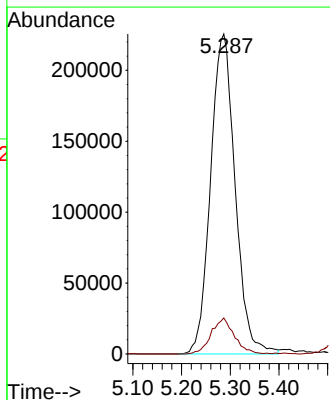
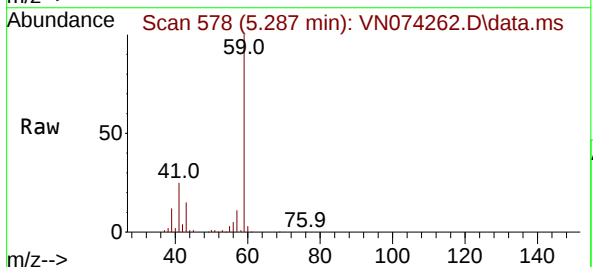
Manual Integrations
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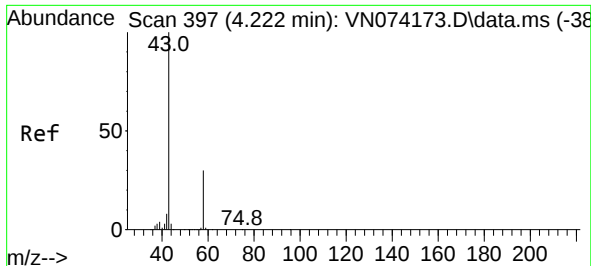
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#11
Tert butyl alcohol
Concen: 1097.887 ug/l
RT: 5.287 min Scan# 578
Delta R.T. -0.000 min
Lab File: VN074262.D
Acq: 02 Sep 2022 00:04

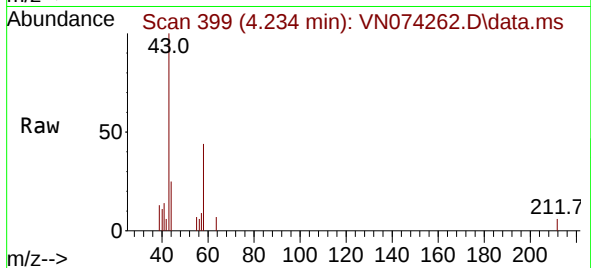
Tgt Ion: 59 Resp: 790468
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5





#16
Acetone
Concen: 4.162 ug/l m
RT: 4.234 min Scan# 397
Delta R.T. 0.012 min
Lab File: VN074262.D
Acq: 02 Sep 2022 00:04

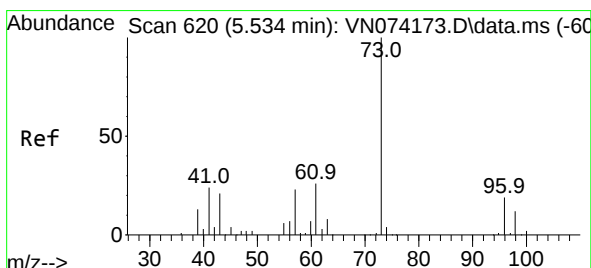
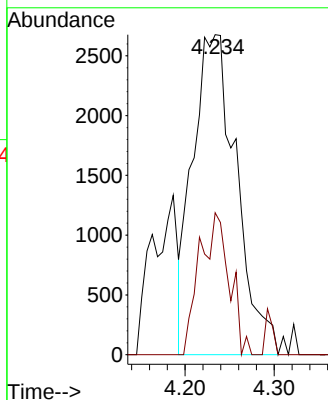
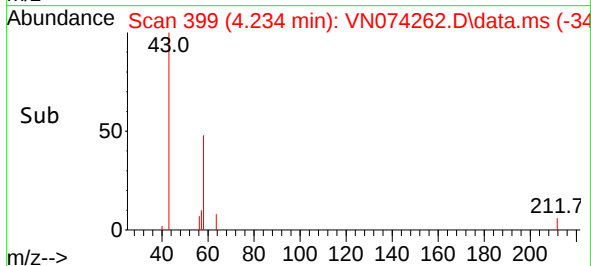
Instrument :
MSVOA_N
Client Sample Id :
MW-28



Tgt Ion: 43 Resp: 913
Ion Ratio Lower Upper
43 100
58 44.4 26.0 39.0

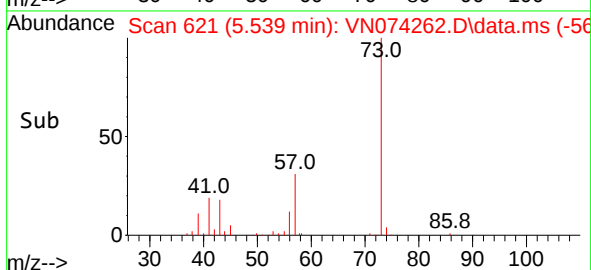
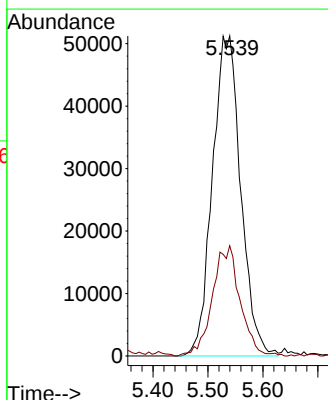
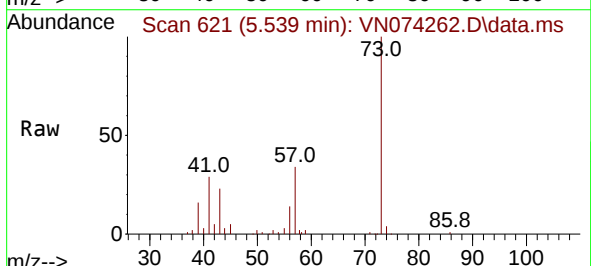
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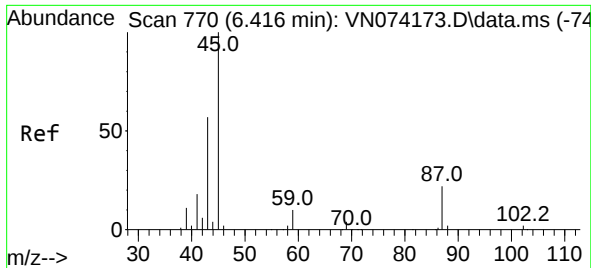
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#19
Methyl tert-butyl Ether
Concen: 19.971 ug/l
RT: 5.539 min Scan# 621
Delta R.T. 0.006 min
Lab File: VN074262.D
Acq: 02 Sep 2022 00:04

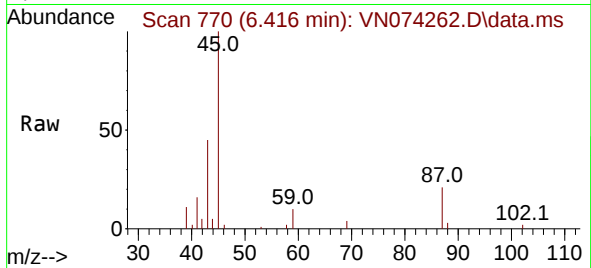
Tgt Ion: 73 Resp: 183332
Ion Ratio Lower Upper
73 100
57 34.5 17.6 26.4#





#22
Diisopropyl ether
Concen: 5.561 ug/l
RT: 6.416 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN074262.D
Acq: 02 Sep 2022 00:04

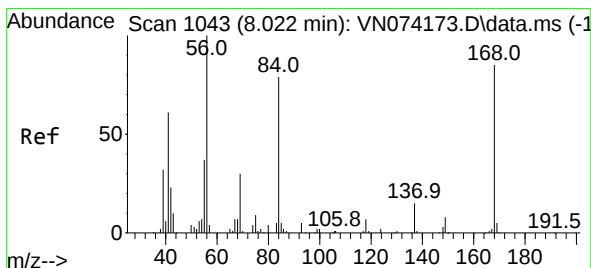
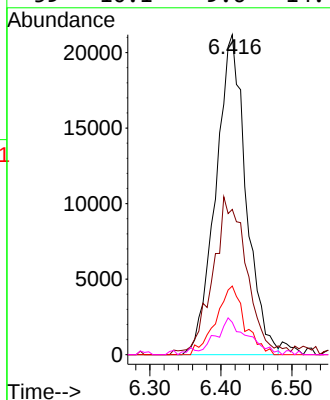
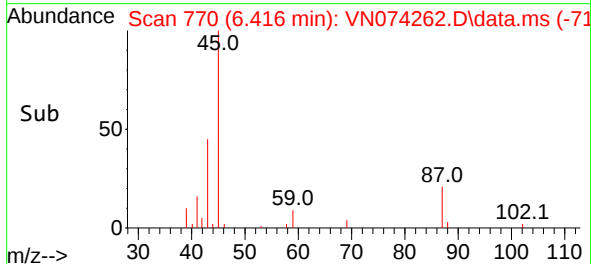
Instrument :
MSVOA_N
ClientSampleId :
MW-28



Tgt Ion: 45 Resp: 6270
Ion Ratio Lower Upper
45 100
43 44.2 46.6 70.0#
87 21.5 24.3 36.5#
59 10.1 9.6 14.4

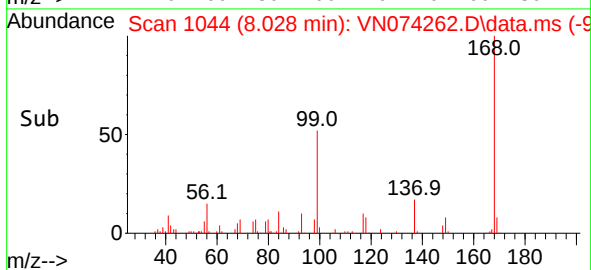
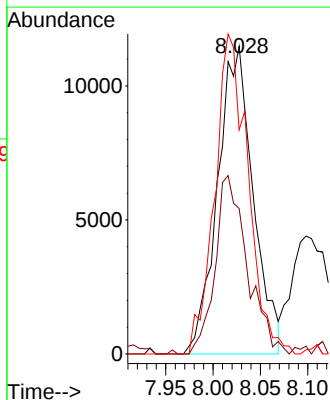
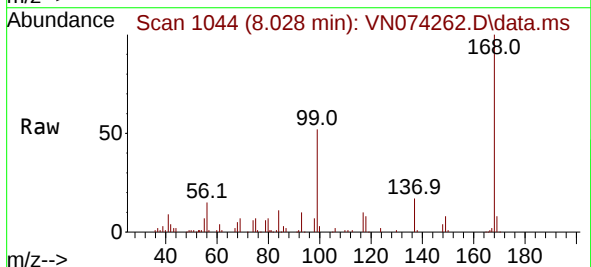
Manual Integrations
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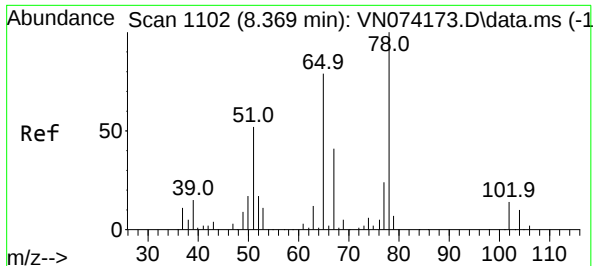
Reviewed By :John Carbone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#31
Cyclohexane
Concen: 5.551 ug/l
RT: 8.028 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VN074262.D
Acq: 02 Sep 2022 00:04

Tgt Ion: 56 Resp: 30116
Ion Ratio Lower Upper
56 100
69 47.3 27.8 41.8#
84 72.8 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 49.621 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN074262.D

Acq: 02 Sep 2022 00:04

Instrument :

MSVOA_N

ClientSampleId :

MW-28

Tgt Ion: 65 Resp: 16293

Ion Ratio Lower Upper

65 100

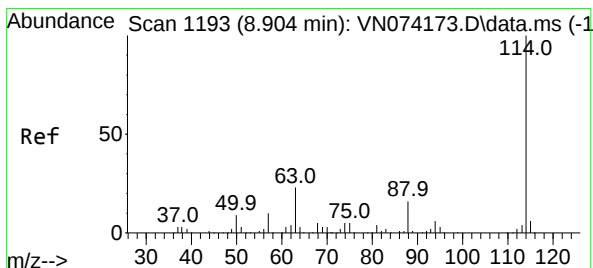
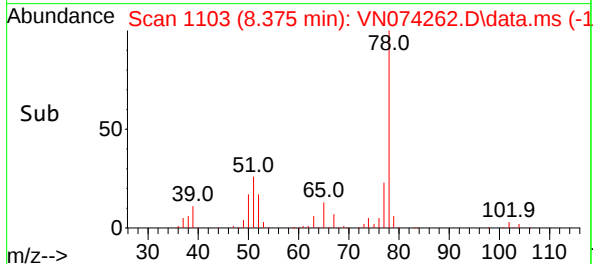
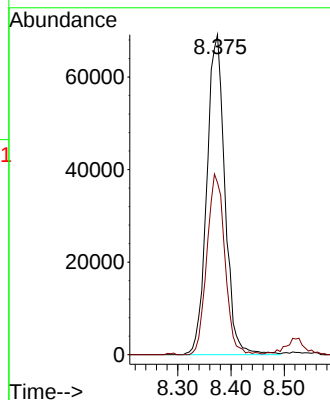
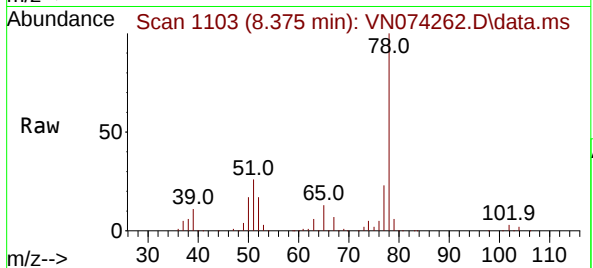
67 56.1 0.0 104.8

Manual Integrations

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Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074262.D

Acq: 02 Sep 2022 00:04

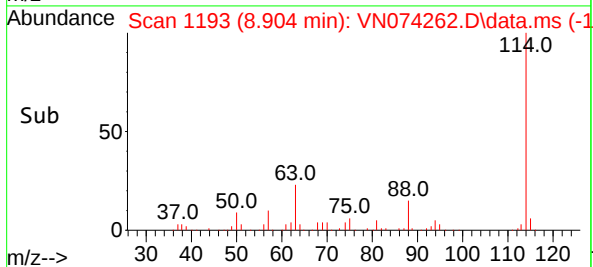
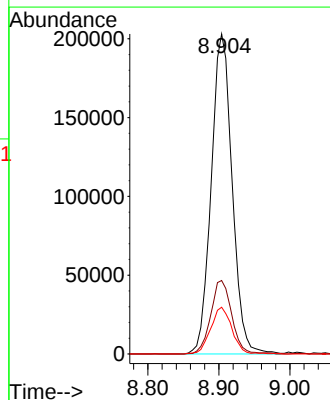
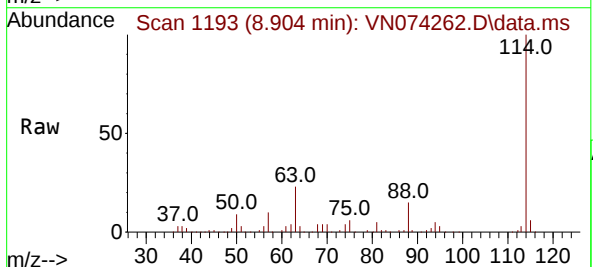
Tgt Ion:114 Resp: 414995

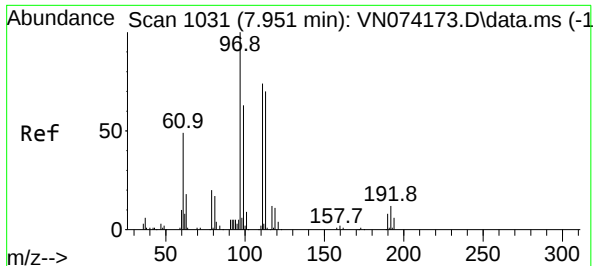
Ion Ratio Lower Upper

114 100

63 22.9 0.0 40.0

88 14.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.763 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN074262.D

Acq: 02 Sep 2022 00:04

Instrument :

MSVOA_N

ClientSampleId :

MW-28

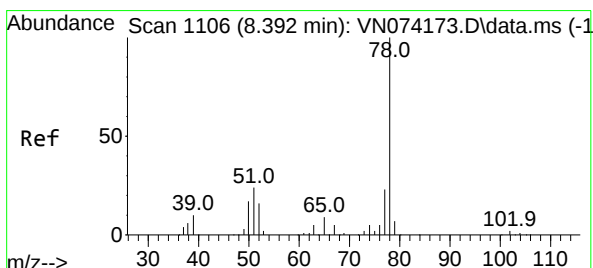
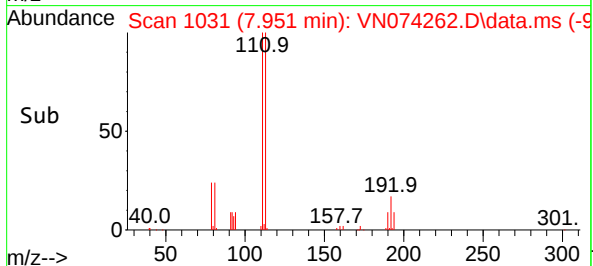
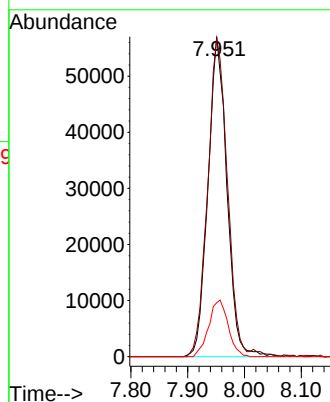
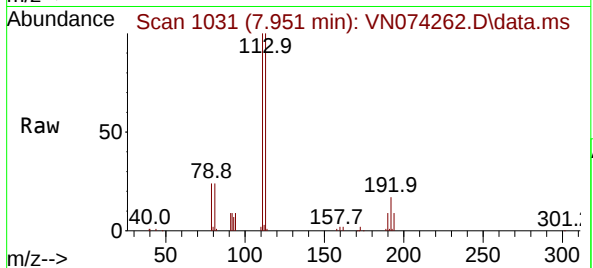
Tgt Ion:113 Resp: 13168
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.4 122.0
 192 18.2 17.0 25.6

Manual Integrations

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Supervised By :Mahesh Dadoda 09/02/2022



#40

Benzene

Concen: 170.714 ug/l

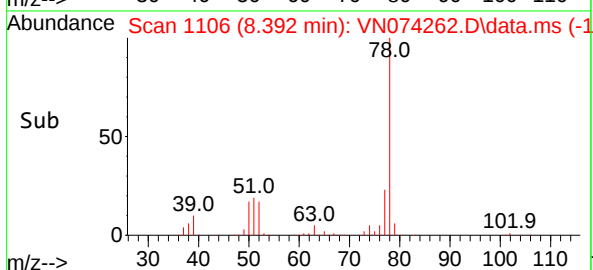
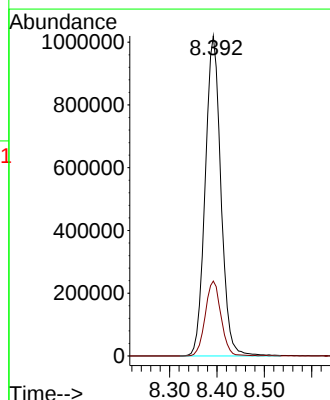
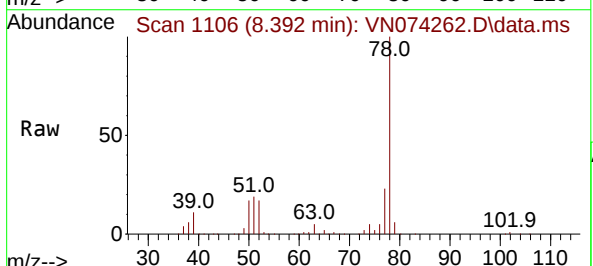
RT: 8.392 min Scan# 1106

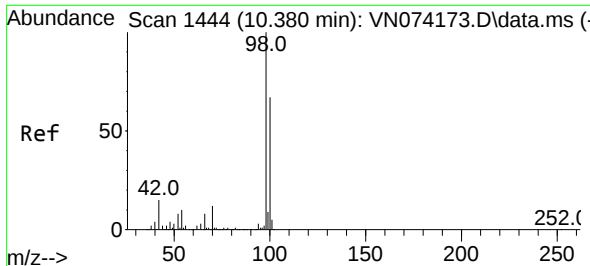
Delta R.T. -0.000 min

Lab File: VN074262.D

Acq: 02 Sep 2022 00:04

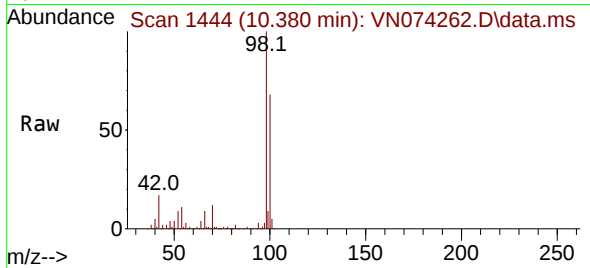
Tgt Ion: 78 Resp: 2348626
 Ion Ratio Lower Upper
 78 100
 77 23.4 19.4 29.0





#50
Toluene-d8
Concen: 45.266 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN074262.D
Acq: 02 Sep 2022 00:04

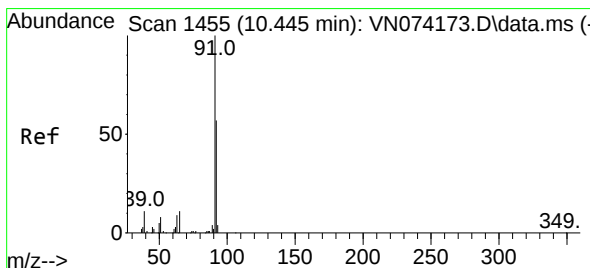
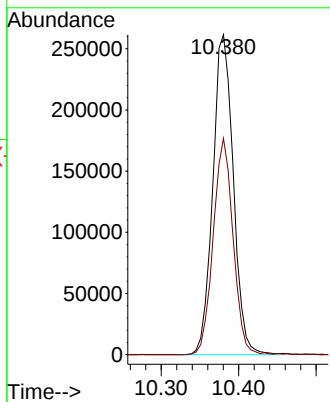
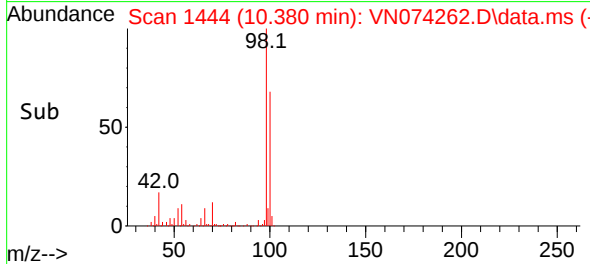
Instrument :
MSVOA_N
ClientSampleId :
MW-28



Tgt Ion: 98 Resp: 481392
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8

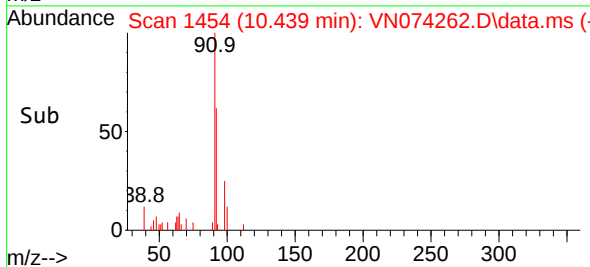
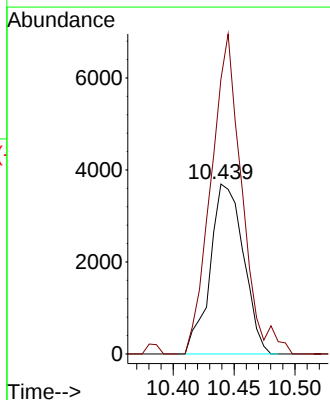
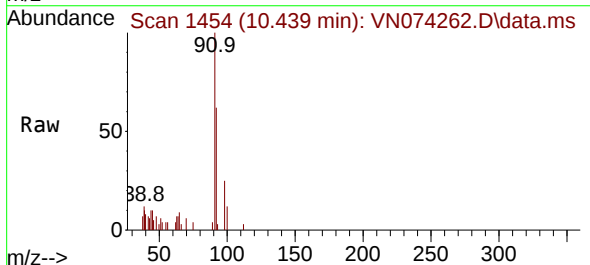
Manual Integrations
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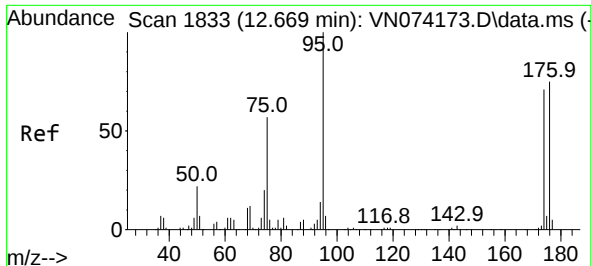
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#52
Toluene
Concen: 0.868 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. -0.006 min
Lab File: VN074262.D
Acq: 02 Sep 2022 00:04

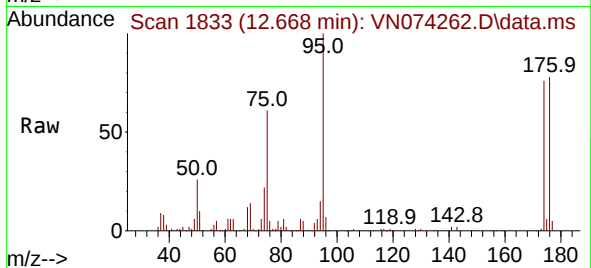
Tgt Ion: 92 Resp: 7036
Ion Ratio Lower Upper
92 100
91 174.7 138.6 207.8





#62
4-Bromofluorobenzene
Concen: 53.970 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074262.D
Acq: 02 Sep 2022 00:04

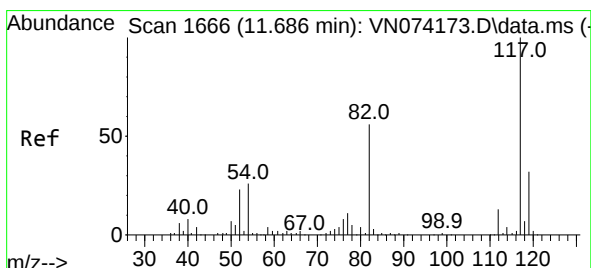
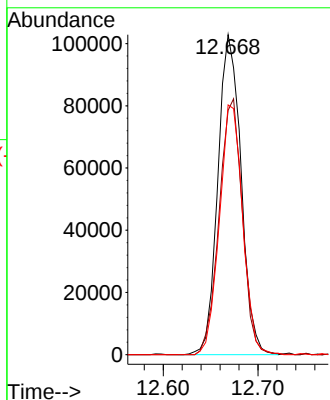
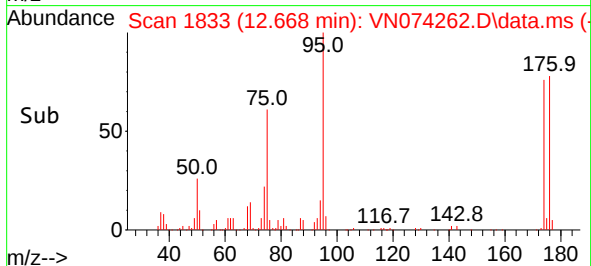
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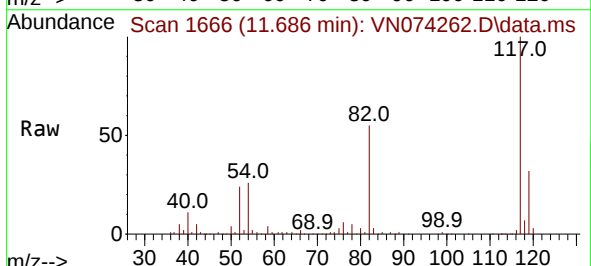
Tgt Ion: 95 Resp: 17454
Ion Ratio Lower Upper
95 100
174 80.3 0.0 167.6
176 78.5 0.0 163.4

Manual Integrations
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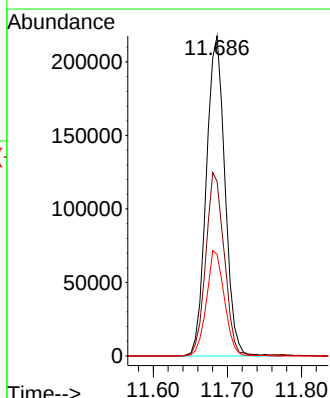
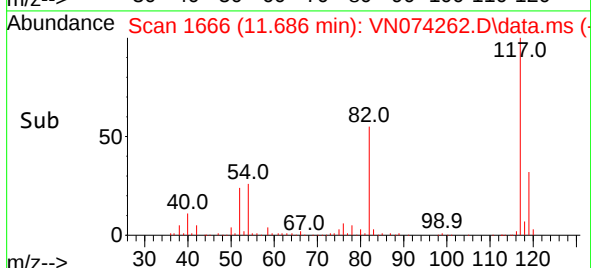
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

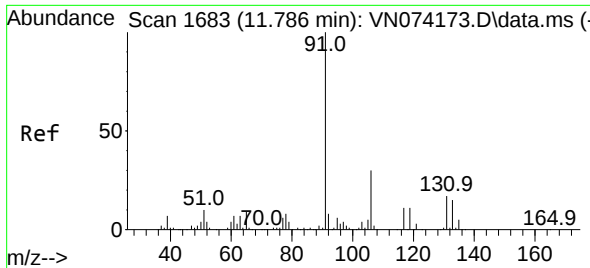


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN074262.D
Acq: 02 Sep 2022 00:04



Tgt Ion:117 Resp: 380188
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 31.7 25.4 38.0





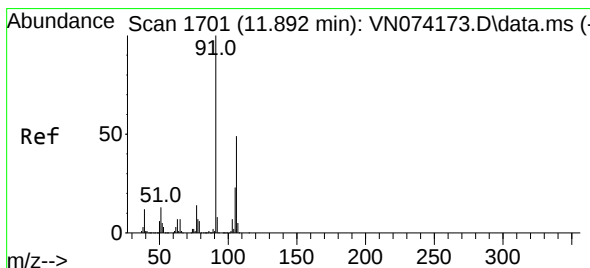
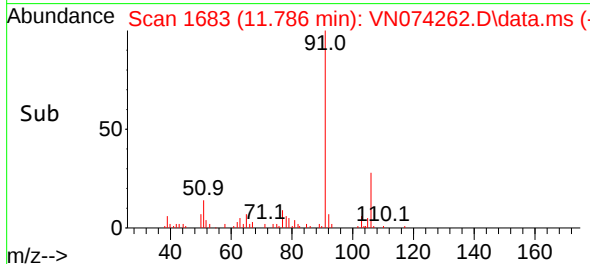
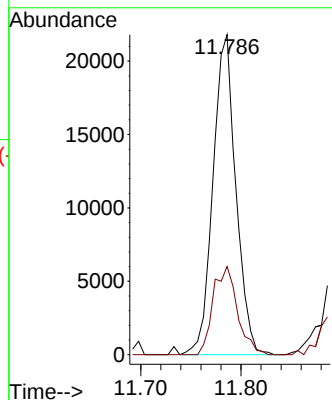
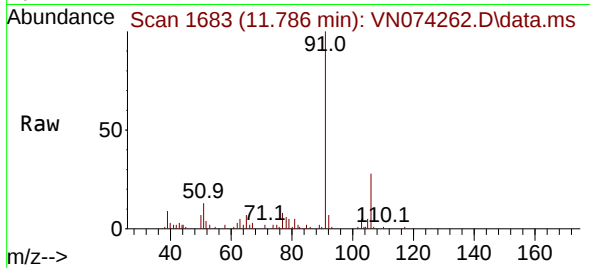
#67
Ethyl Benzene
Concen: 2.248 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VN074262.D
Acq: 02 Sep 2022 00:04

Instrument :
MSVOA_N
ClientSampleId :
MW-28

Tgt Ion: 91 Resp: 34514
Ion Ratio Lower Upper
91 100
106 27.5 24.9 37.3

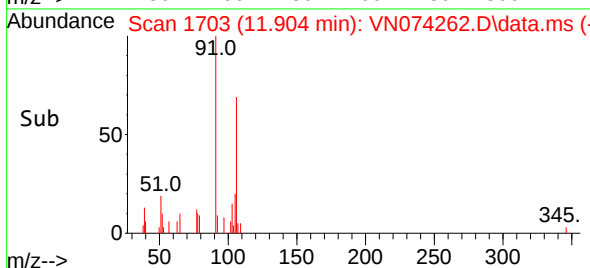
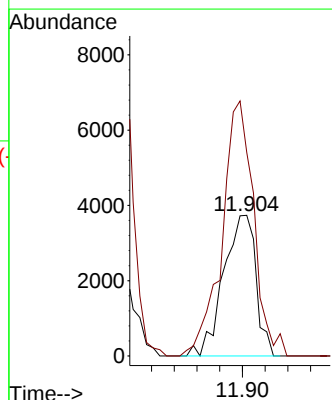
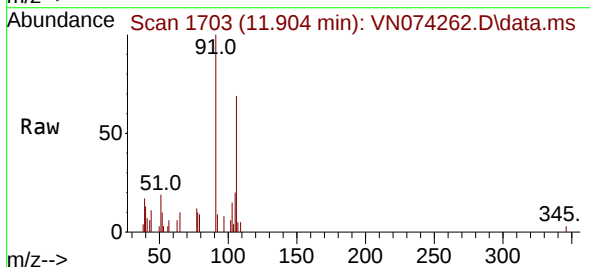
Manual Integrations
APPROVED

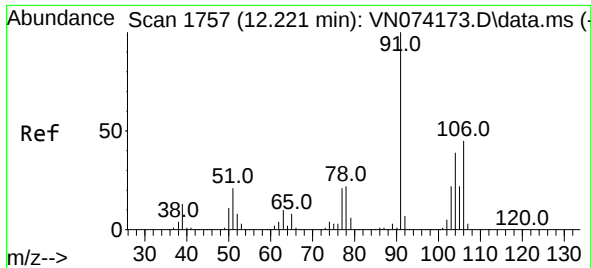
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#68
m/p-Xylenes
Concen: 1.295 ug/l
RT: 11.904 min Scan# 1703
Delta R.T. 0.012 min
Lab File: VN074262.D
Acq: 02 Sep 2022 00:04

Tgt Ion:106 Resp: 7385
Ion Ratio Lower Upper
106 100
91 177.8 158.9 238.3





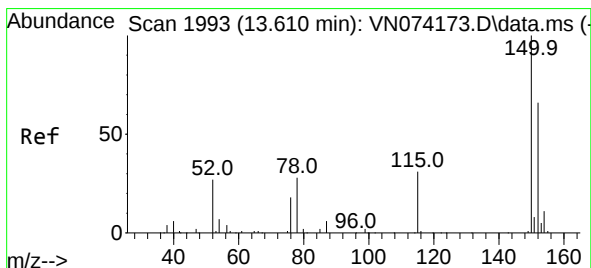
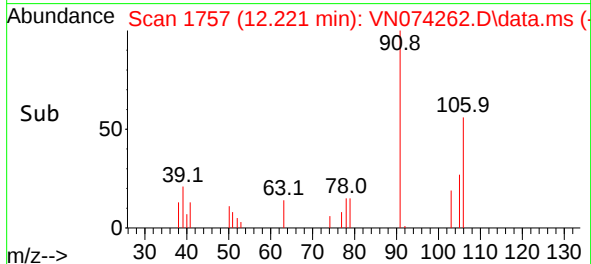
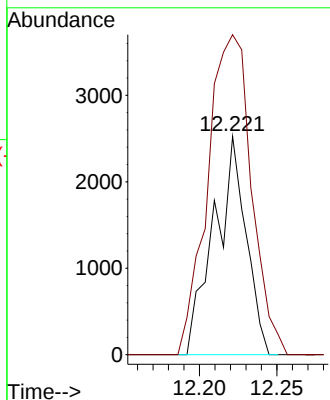
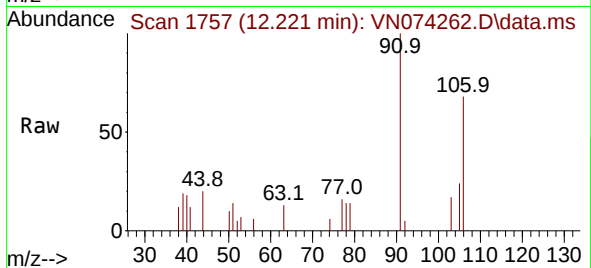
#69
o-Xylene
Concen: 0.637 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VN074262.D
Acq: 02 Sep 2022 00:04

Instrument :
MSVOA_N
ClientSampleId :
MW-28

Tgt Ion:106 Resp: 3619
Ion Ratio Lower Upper
106 100
91 201.4 106.0 318.0

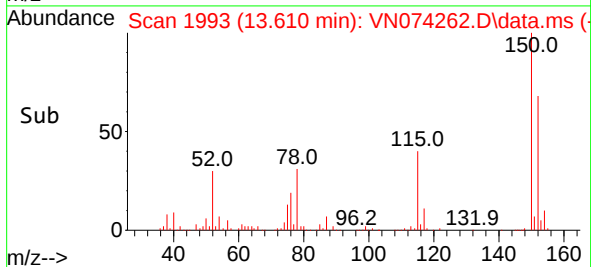
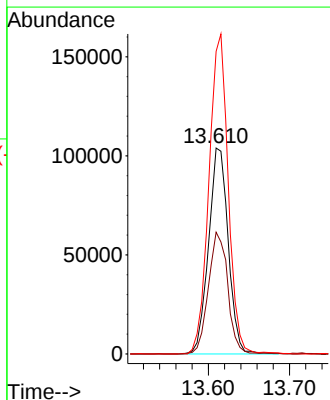
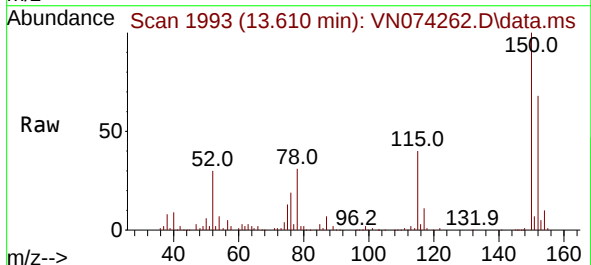
Manual Integrations
APPROVED

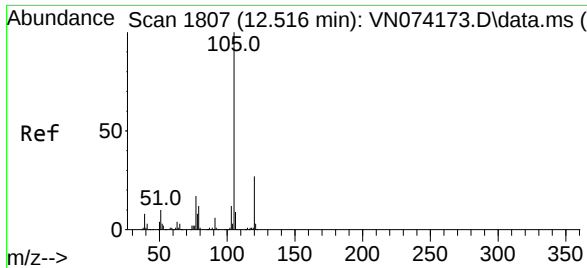
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN074262.D
Acq: 02 Sep 2022 00:04

Tgt Ion:152 Resp: 175111
Ion Ratio Lower Upper
152 100
115 58.2 28.9 86.7
150 151.9 0.0 356.2





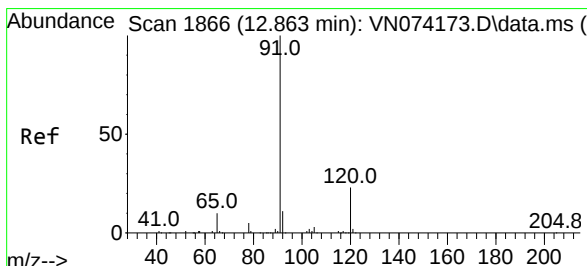
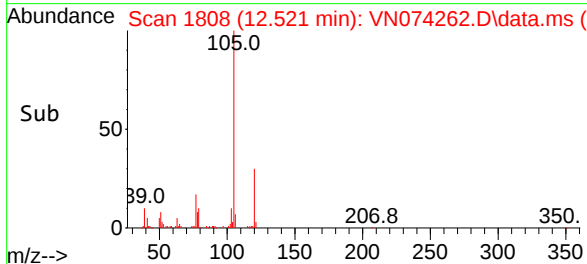
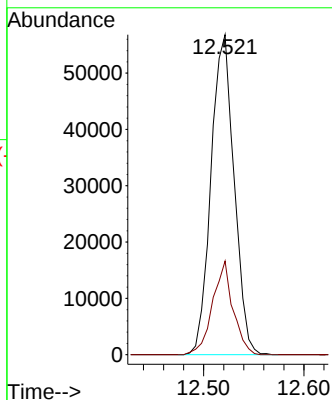
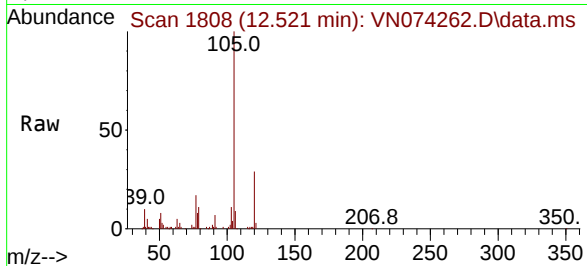
#73
Isopropylbenzene
Concen: 6.057 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VN074262.D
Acq: 02 Sep 2022 00:04

Instrument :
MSVOA_N
ClientSampleId :
MW-28

Tgt Ion:105 Resp: 90829
Ion Ratio Lower Upper
105 100
120 25.9 13.5 40.4

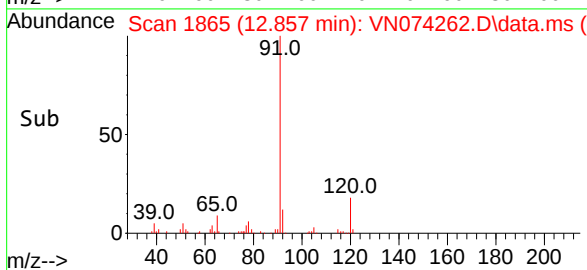
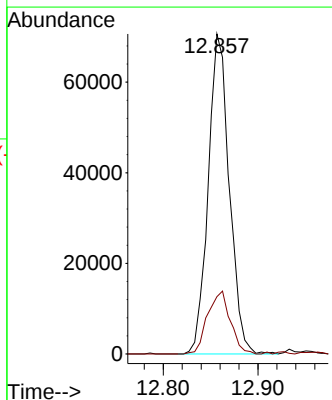
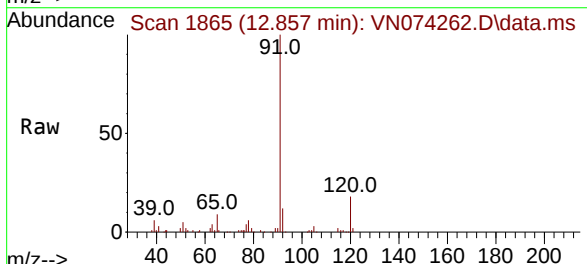
Manual Integrations
APPROVED

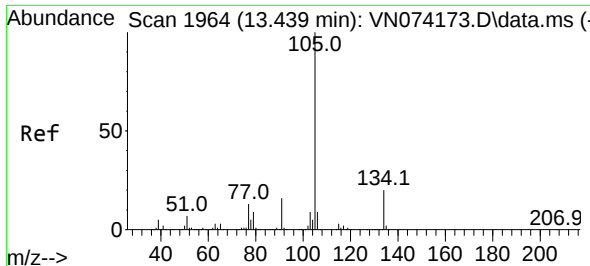
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#78
n-propylbenzene
Concen: 6.390 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VN074262.D
Acq: 02 Sep 2022 00:04

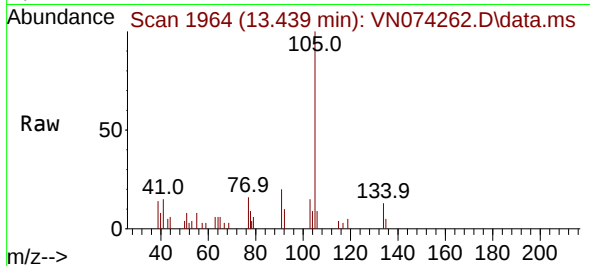
Tgt Ion: 91 Resp: 109231
Ion Ratio Lower Upper
91 100
120 21.1 11.9 35.5





#85
 sec-Butylbenzene
 Concen: 0.615 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN074262.D
 Acq: 02 Sep 2022 00:04

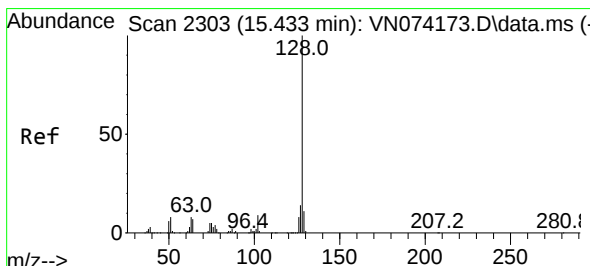
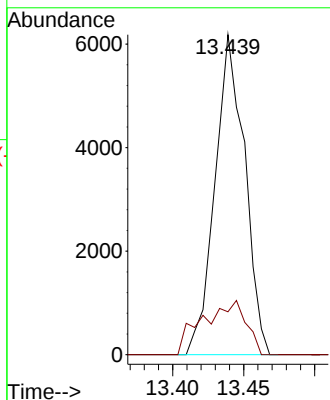
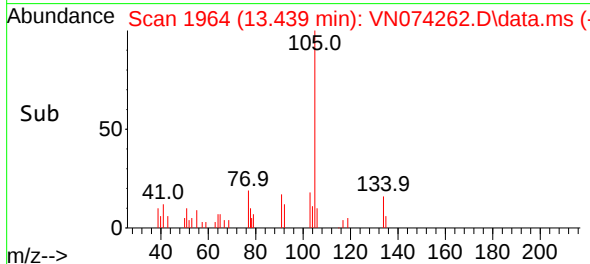
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-28



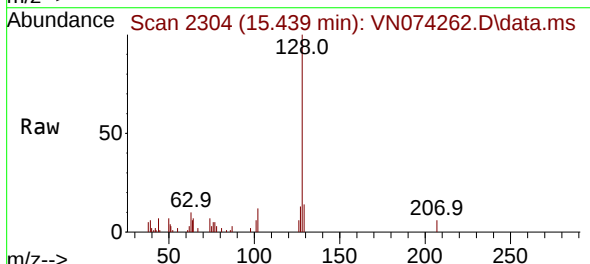
Tgt Ion:105 Resp: 900
 Ion Ratio Lower Upper
 105 100
 134 24.8 10.4 31.1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/02/2022
 Supervised By :Mahesh Dadoda 09/02/2022



#95
 Naphthalene
 Concen: 3.120 ug/l
 RT: 15.439 min Scan# 2304
 Delta R.T. 0.006 min
 Lab File: VN074262.D
 Acq: 02 Sep 2022 00:04



Tgt Ion:128 Resp: 26778
 Ion Ratio Lower Upper
 128 100
 127 17.6 10.3 15.5#
 129 13.0 8.6 13.0

