

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080322\
 Data File : VN073708.D
 Acq On : 03 Aug 2022 13:46
 Operator : JC\MD
 Sample : N3971-09 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14R

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/04/2022
 Supervised By : Mahesh Dadoda 08/04/2022

Quant Time: Aug 04 05:33:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	357209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	572696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	547232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	296313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	211444	48.572	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.140%		
35) Dibromofluoromethane	7.957	113	198756	55.269	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	110.540%		
50) Toluene-d8	10.380	98	670868	47.407	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.820%		
62) 4-Bromofluorobenzene	12.674	95	265204	55.022	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.040%		
Target Compounds						Qvalue
16) Acetone	4.240	43	5265	2.252	ug/l	95
39) Methylcyclohexane	9.398	83	4331m	0.707	ug/l	
40) Benzene	8.392	78	238416	14.325	ug/l	99
52) Toluene	10.445	92	87301	8.587	ug/l	96
67) Ethyl Benzene	11.786	91	578457	29.499	ug/l	99
68) m/p-Xylenes	11.892	106	1031532	137.921	ug/l	99
69) o-Xylene	12.221	106	416781	57.159	ug/l	100
73) Isopropylbenzene	12.521	105	35528	1.638	ug/l	97
78) n-propylbenzene	12.863	91	89803	3.679	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	142327	7.973	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	529707	30.179	ug/l	99
95) Naphthalene	15.439	128	92602	5.500	ug/l	100

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

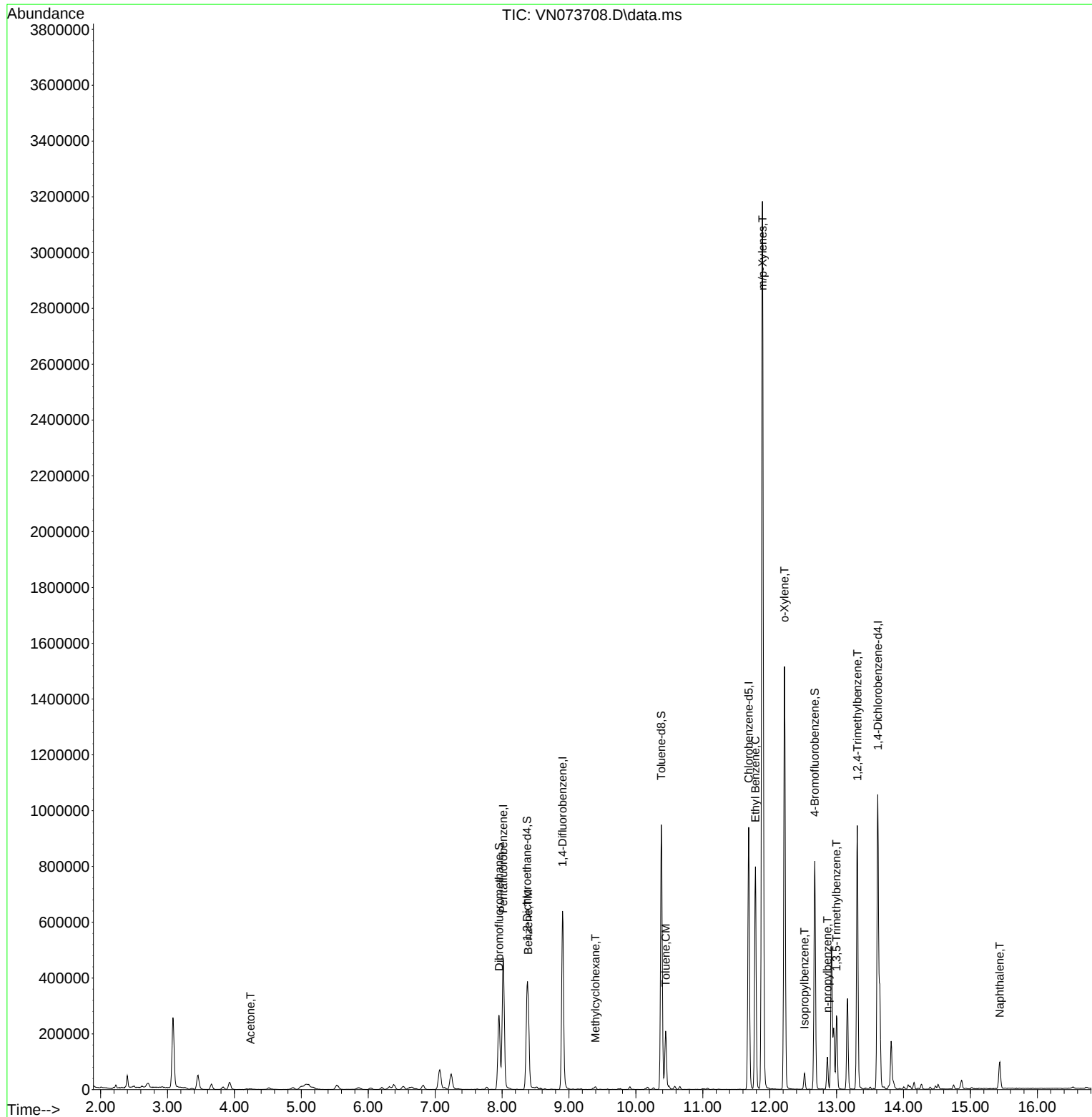
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080322\
Data File : VN073708.D
Acq On : 03 Aug 2022 13:46
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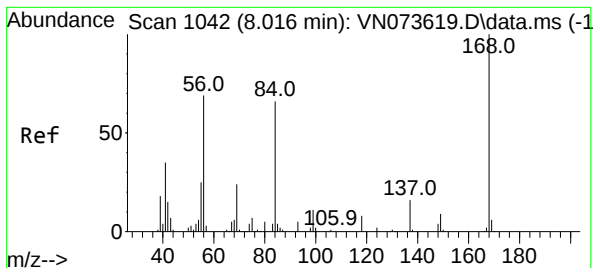
Instrument :
MSVOA_N
ClientSampleId :
MW-14R

Quant Time: Aug 04 05:33:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VN073708.D

Acq: 03 Aug 2022 13:46

Instrument :

MSVOA_N

ClientSampleId :

MW-14R

Tgt Ion:168 Resp: 357209

Ion Ratio Lower Upper

168 100

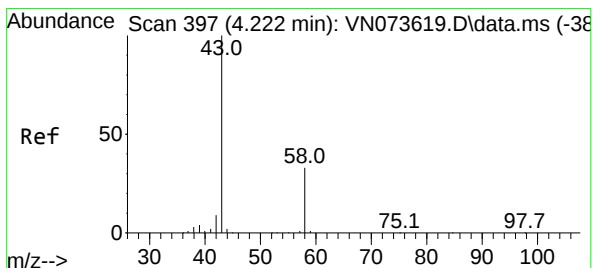
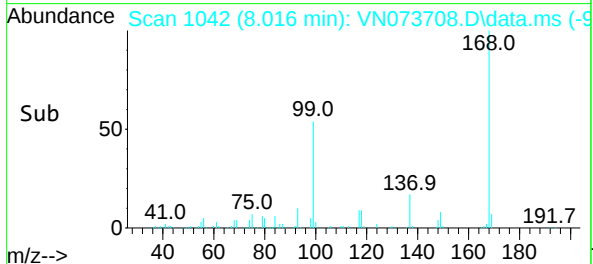
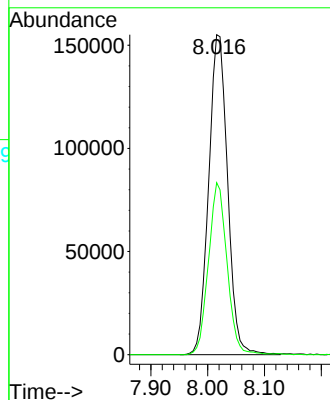
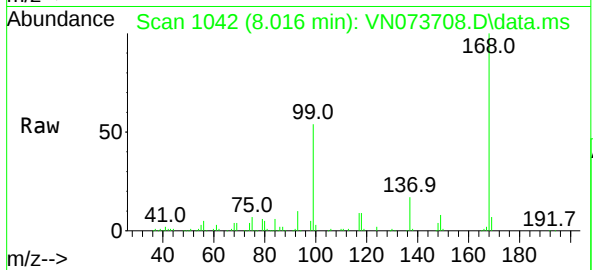
99 53.7 42.3 63.5

Manual Integrations

APPROVED

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#16

Acetone

Concen: 2.252 ug/l

RT: 4.240 min Scan# 400

Delta R.T. 0.018 min

Lab File: VN073708.D

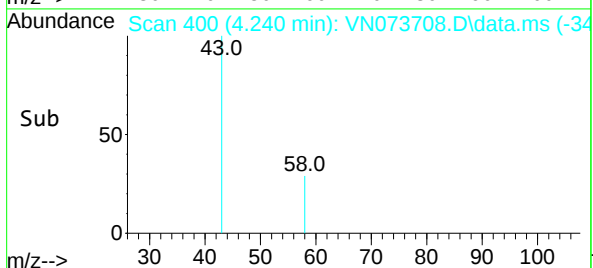
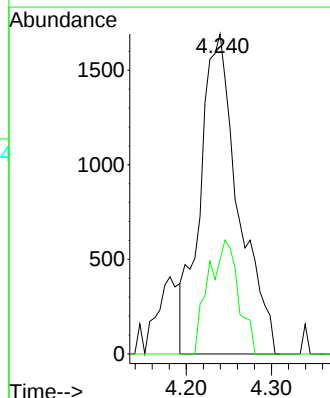
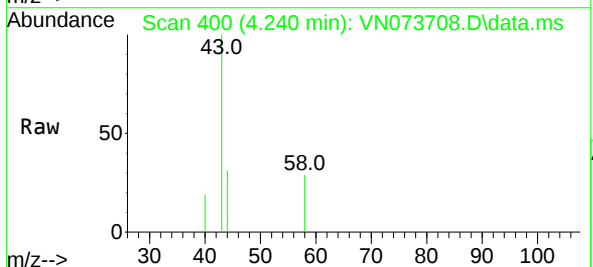
Acq: 03 Aug 2022 13:46

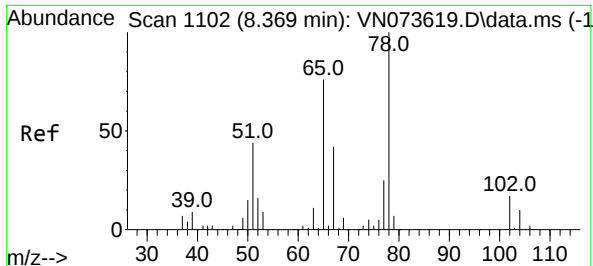
Tgt Ion: 43 Resp: 5265

Ion Ratio Lower Upper

43 100

58 29.5 26.0 39.0





#33

1,2-Dichloroethane-d4

Concen: 48.572 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN073708.D

Acq: 03 Aug 2022 13:46

Instrument :

MSVOA_N

ClientSampleId :

MW-14R

Tgt Ion: 65 Resp: 21144

Ion Ratio Lower Upper

65 100

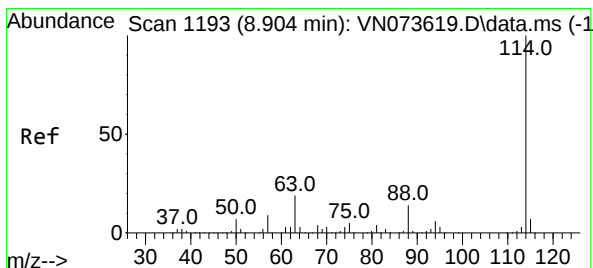
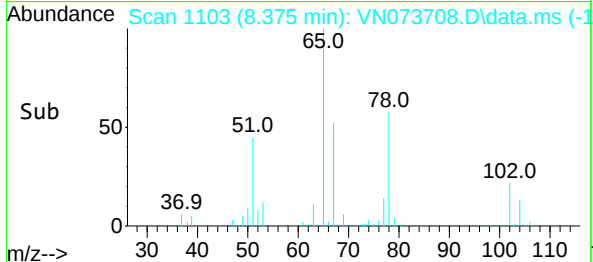
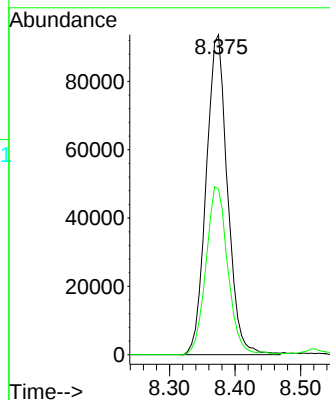
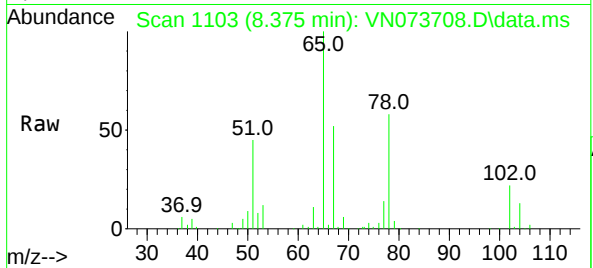
67 53.4 0.0 104.8

Manual Integrations

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Supervised By :Mahesh Dadoda 08/04/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073708.D

Acq: 03 Aug 2022 13:46

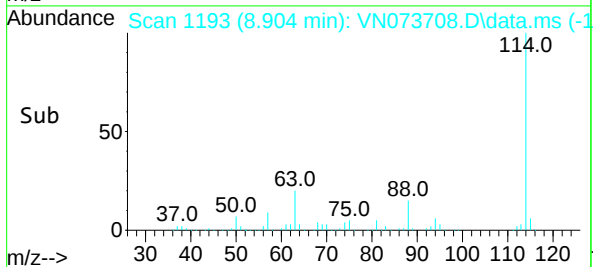
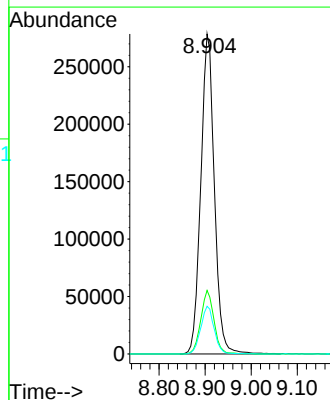
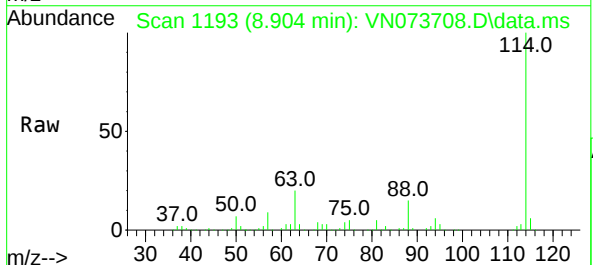
Tgt Ion:114 Resp: 572696

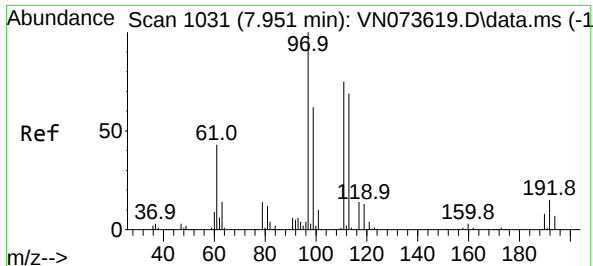
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

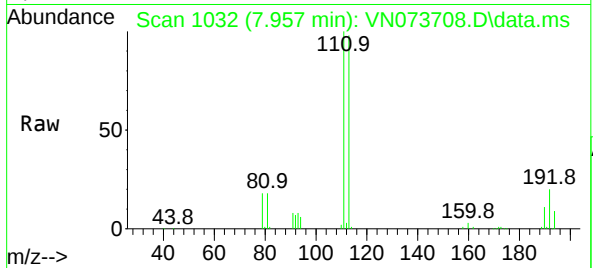
88 14.9 0.0 32.6





#35
Dibromofluoromethane
Concen: 55.269 ug/l
RT: 7.957 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VN073708.D
Acq: 03 Aug 2022 13:46

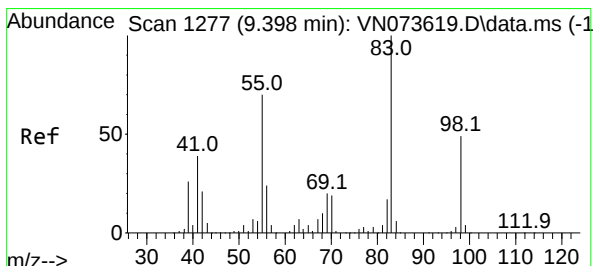
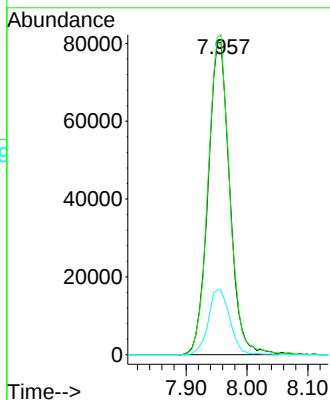
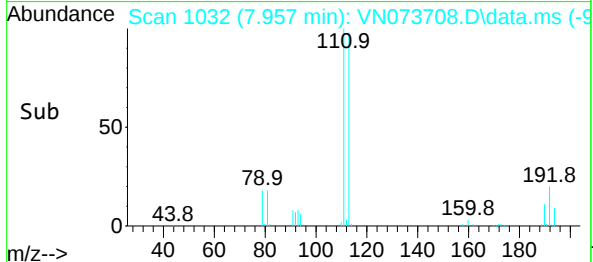
Instrument :
MSVOA_N
ClientSampleId :
MW-14R



Tgt Ion: 113 Resp: 198750
Ion Ratio Lower Upper
113 100
111 101.4 81.4 122.0
192 20.8 17.0 25.6

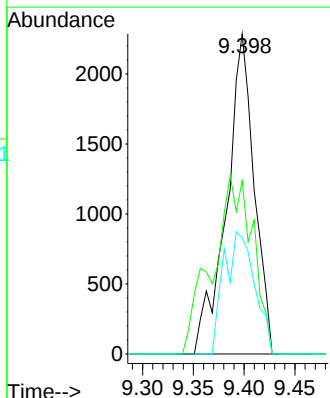
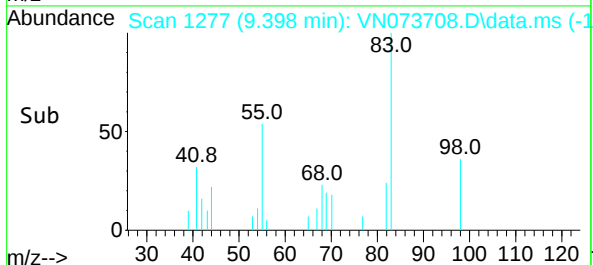
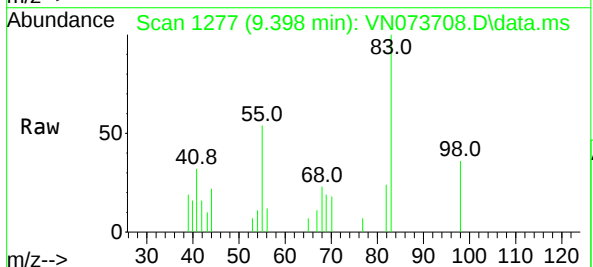
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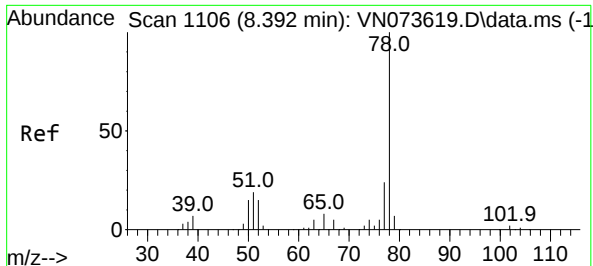
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#39
Methylcyclohexane
Concen: 0.707 ug/l m
RT: 9.398 min Scan# 1277
Delta R.T. -0.000 min
Lab File: VN073708.D
Acq: 03 Aug 2022 13:46

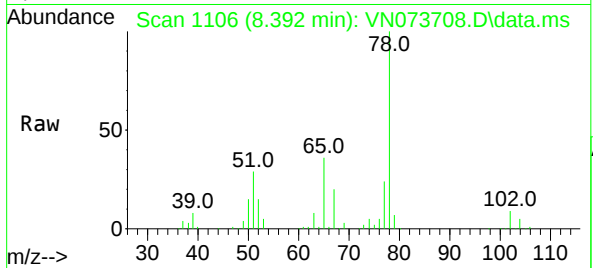
Tgt Ion: 83 Resp: 4331
Ion Ratio Lower Upper
83 100
55 54.1 57.8 86.8#
98 36.3 39.4 59.2#





#40
Benzene
Concen: 14.325 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VN073708.D
Acq: 03 Aug 2022 13:46

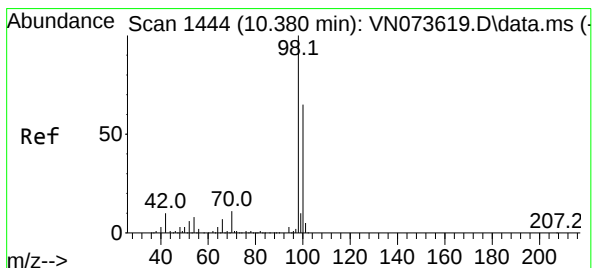
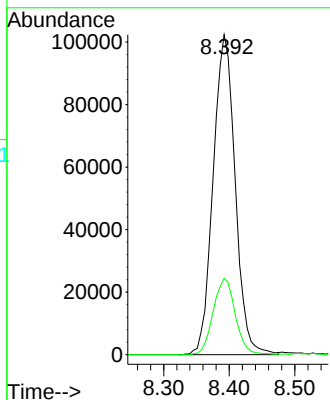
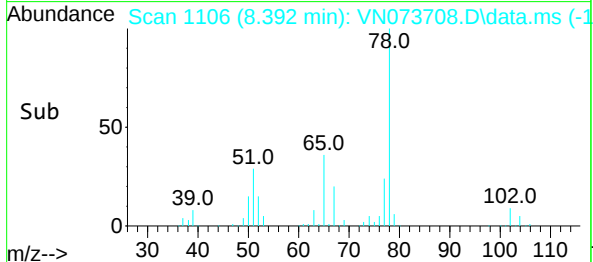
Instrument :
MSVOA_N
ClientSampleId :
MW-14R



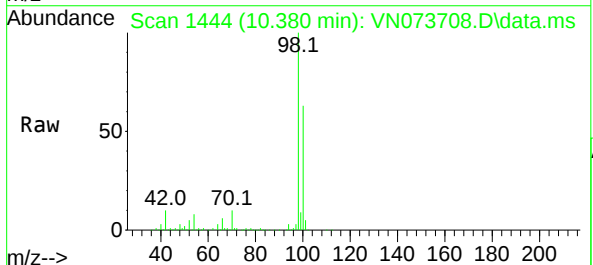
Tgt Ion: 78 Resp: 238410
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0

Manual Integrations
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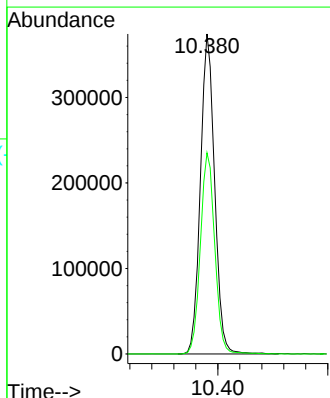
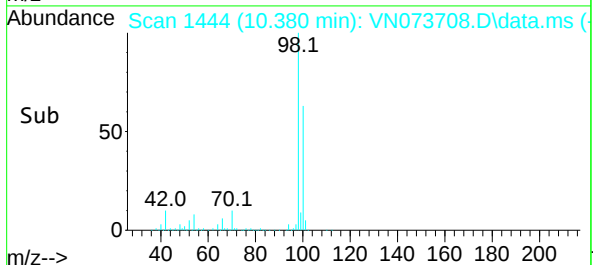
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022

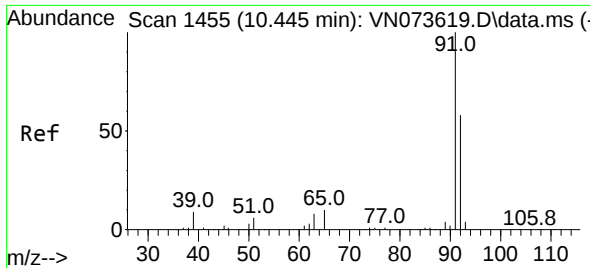


#50
Toluene-d8
Concen: 47.407 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN073708.D
Acq: 03 Aug 2022 13:46



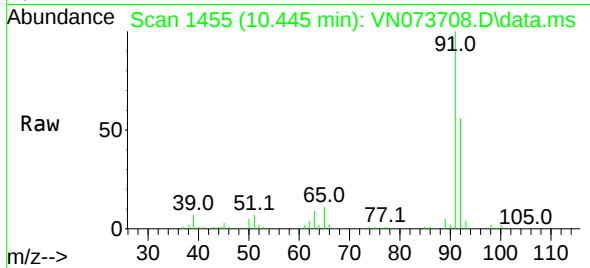
Tgt Ion: 98 Resp: 670868
Ion Ratio Lower Upper
98 100
100 63.7 52.6 78.8





#52
Toluene
Concen: 8.587 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN073708.D
Acq: 03 Aug 2022 13:46

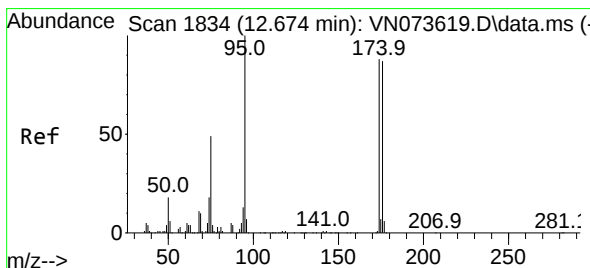
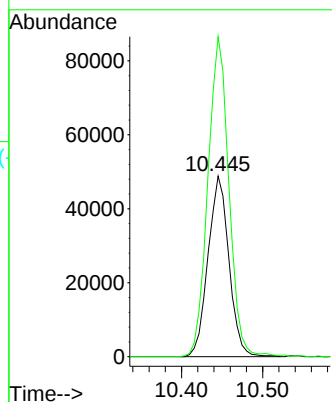
Instrument :
MSVOA_N
ClientSampleId :
MW-14R



Tgt Ion: 92 Resp: 8730
Ion Ratio Lower Upper
92 100
91 178.3 138.6 207.8

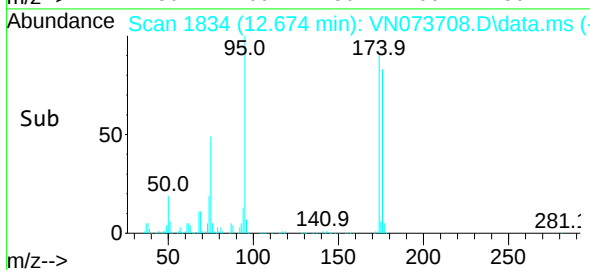
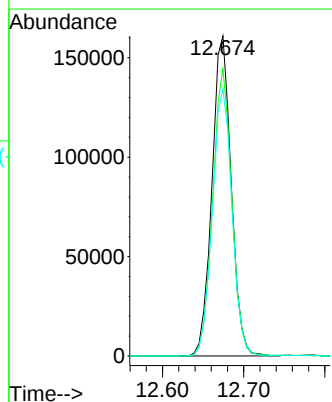
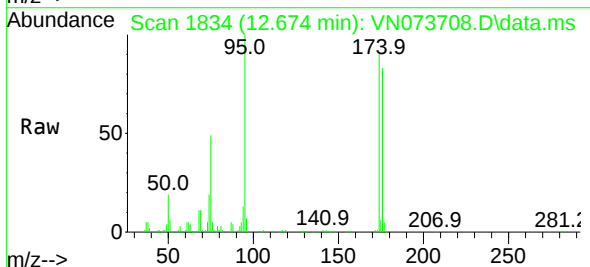
Manual Integrations
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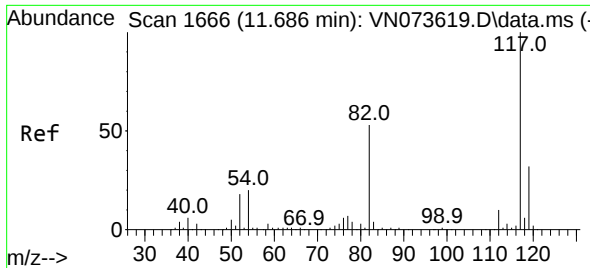
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#62
4-Bromofluorobenzene
Concen: 55.022 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073708.D
Acq: 03 Aug 2022 13:46

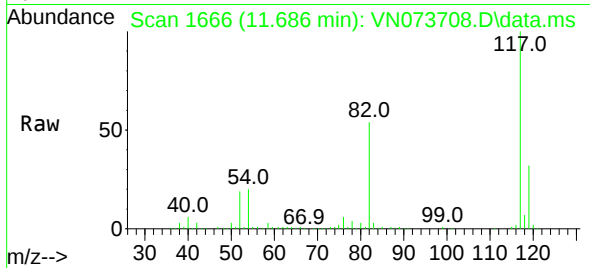
Tgt Ion: 95 Resp: 265204
Ion Ratio Lower Upper
95 100
174 89.6 0.0 167.6
176 84.9 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN073708.D
Acq: 03 Aug 2022 13:46

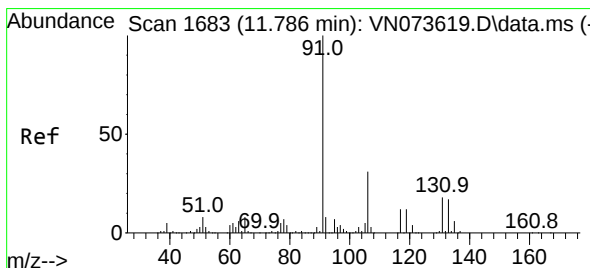
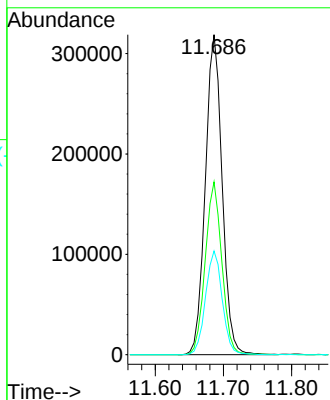
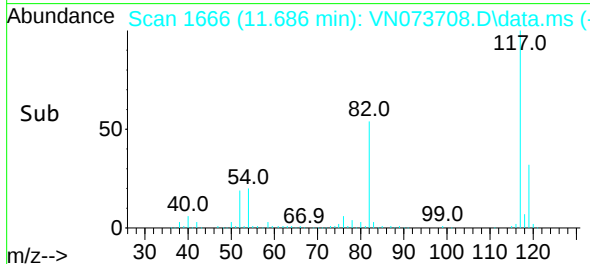
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MW-14R



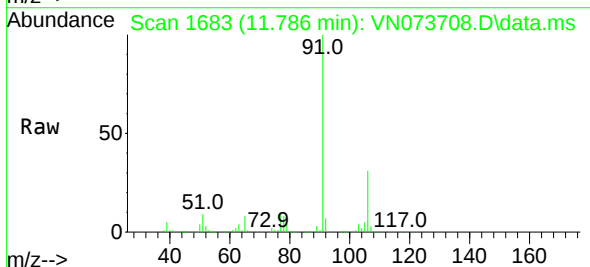
Tgt Ion:117 Resp: 547232
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 32.4 25.4 38.0

Manual Integrations
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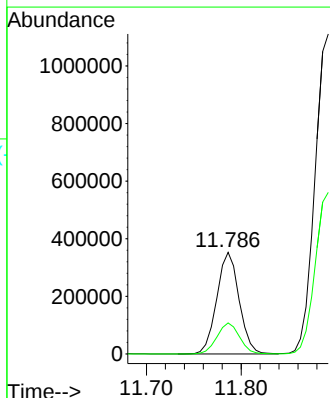
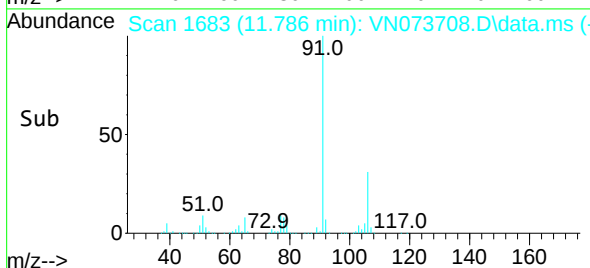
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022

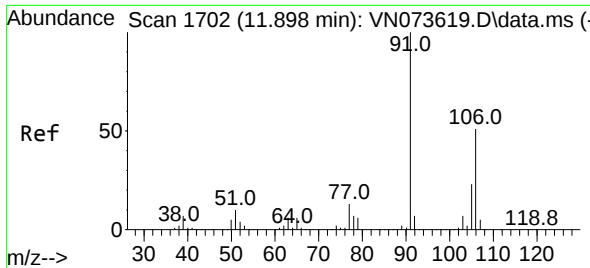


#67
Ethyl Benzene
Concen: 29.499 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VN073708.D
Acq: 03 Aug 2022 13:46



Tgt Ion: 91 Resp: 578457
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3





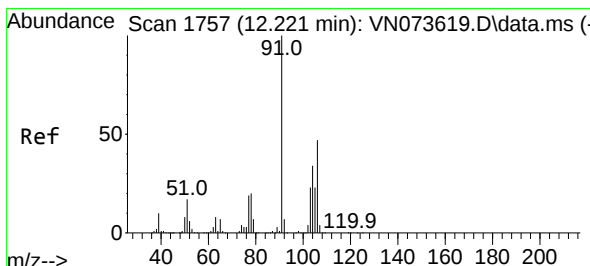
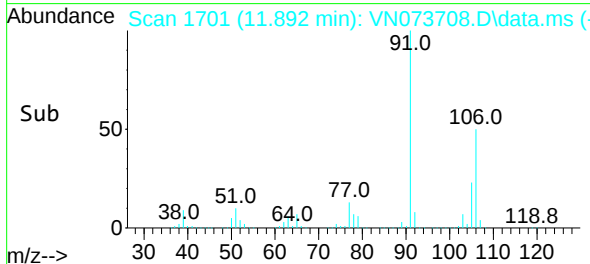
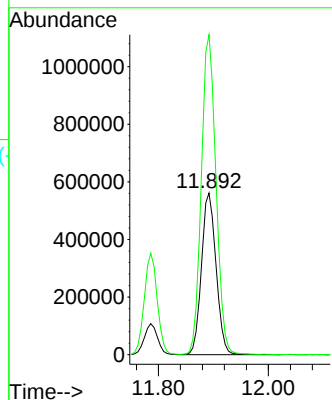
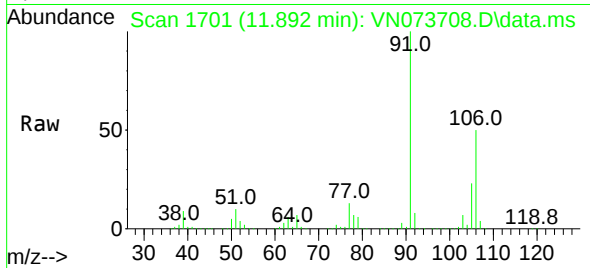
#68
m/p-Xylenes
Concen: 137.921 ug/l
RT: 11.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073708.D
Acq: 03 Aug 2022 13:46

Instrument :
MSVOA_N
ClientSampleId :
MW-14R

Tgt Ion:106 Resp: 103153
Ion Ratio Lower Upper
106 100
91 199.4 158.9 238.3

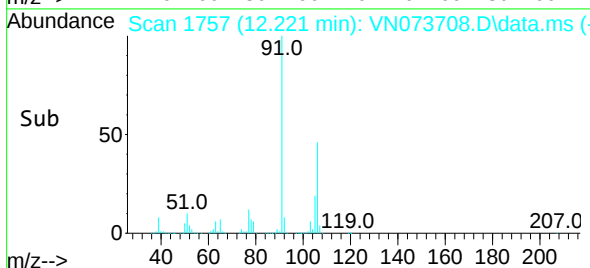
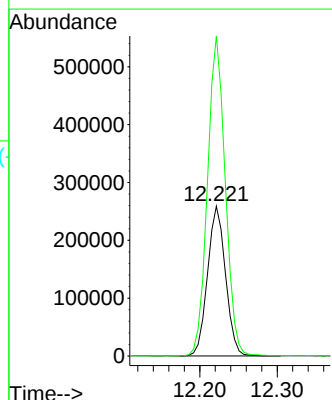
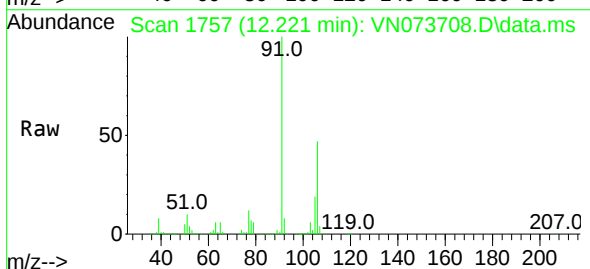
Manual Integrations
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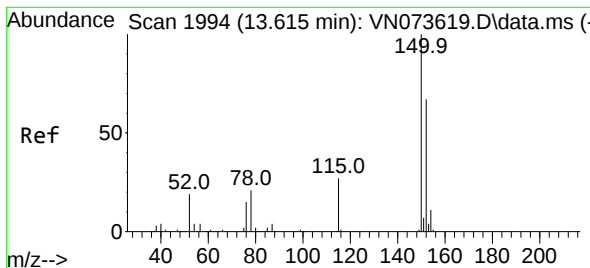
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#69
o-Xylene
Concen: 57.159 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VN073708.D
Acq: 03 Aug 2022 13:46

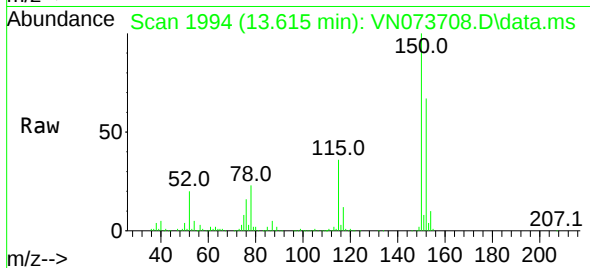
Tgt Ion:106 Resp: 416781
Ion Ratio Lower Upper
106 100
91 211.6 106.0 318.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN073708.D
Acq: 03 Aug 2022 13:46

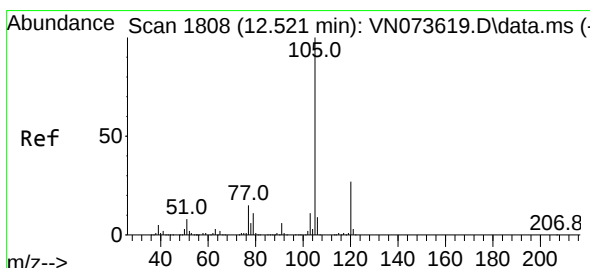
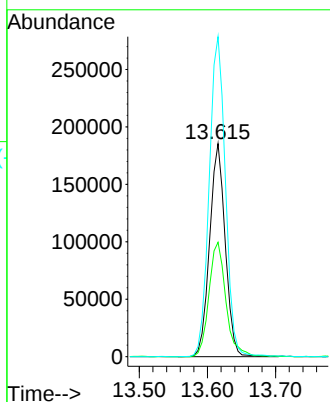
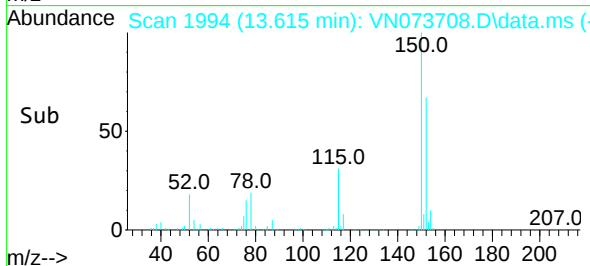
Instrument :
MSVOA_N
ClientSampleId :
MW-14R



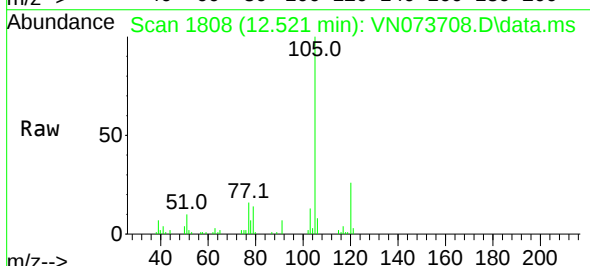
Tgt Ion:152 Resp: 29631
Ion Ratio Lower Upper
152 100
115 58.5 28.9 86.7
150 156.0 0.0 356.2

Manual Integrations
APPROVED

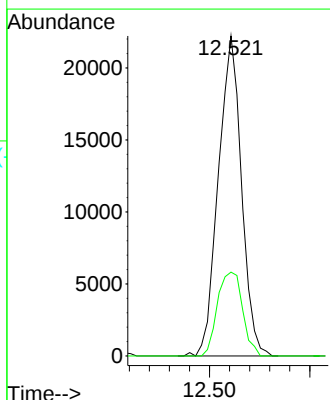
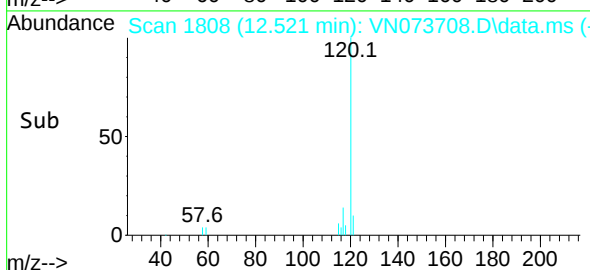
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022

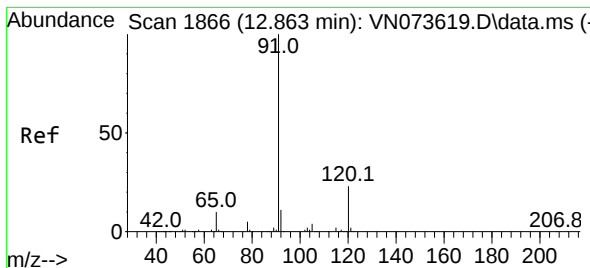


#73
Isopropylbenzene
Concen: 1.638 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN073708.D
Acq: 03 Aug 2022 13:46



Tgt Ion:105 Resp: 35528
Ion Ratio Lower Upper
105 100
120 28.4 13.5 40.4





#78

n-propylbenzene

Concen: 3.679 ug/l

RT: 12.863 min Scan# 1866

Delta R.T. -0.000 min

Lab File: VN073708.D

Acq: 03 Aug 2022 13:46

Instrument :

MSVOA_N

ClientSampleId :

MW-14R

Tgt Ion: 91 Resp: 8980

Ion Ratio Lower Upper

91 100

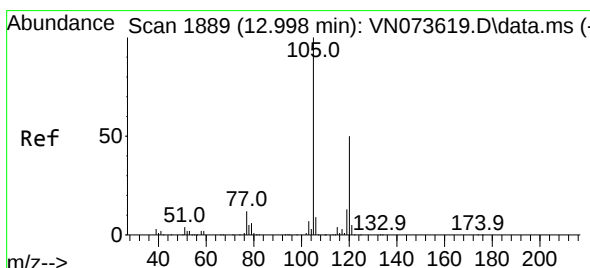
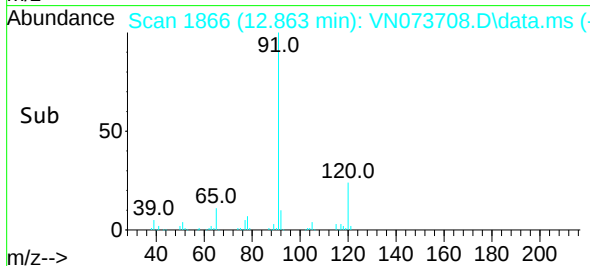
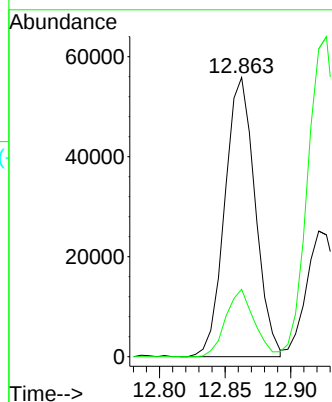
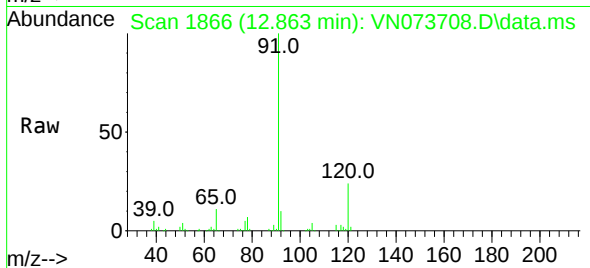
120 22.5 11.9 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2022

Supervised By :Mahesh Dadoda 08/04/2022



#80

1,3,5-Trimethylbenzene

Concen: 7.973 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VN073708.D

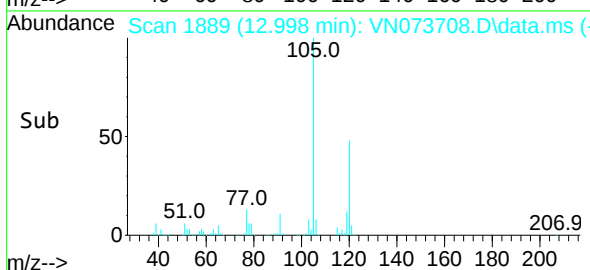
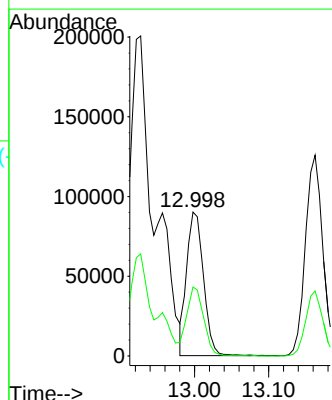
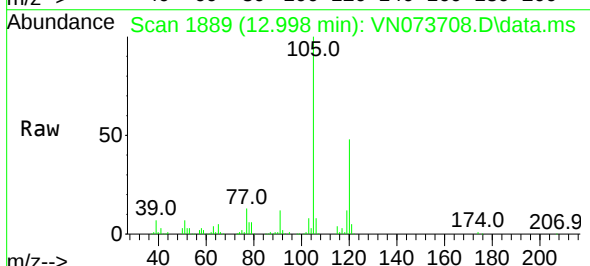
Acq: 03 Aug 2022 13:46

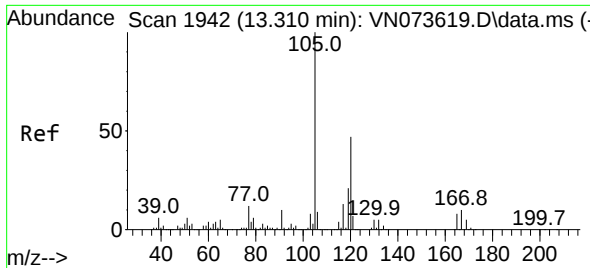
Tgt Ion:105 Resp: 142327

Ion Ratio Lower Upper

105 100

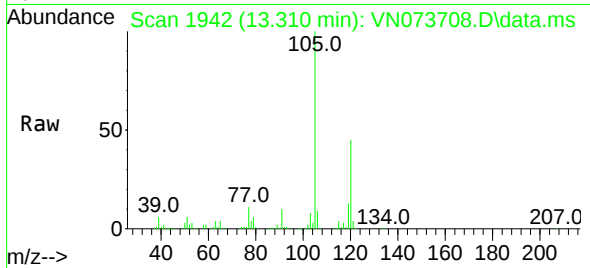
120 50.2 24.9 74.7





#84
1,2,4-Trimethylbenzene
Concen: 30.179 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN073708.D
Acq: 03 Aug 2022 13:46

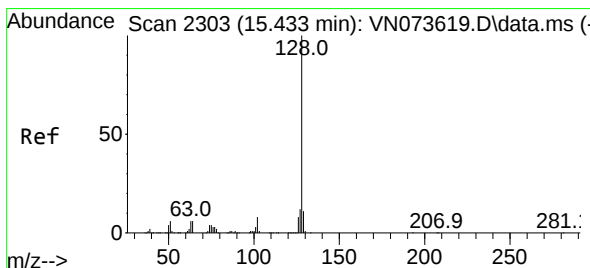
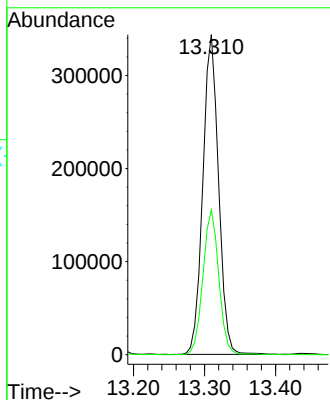
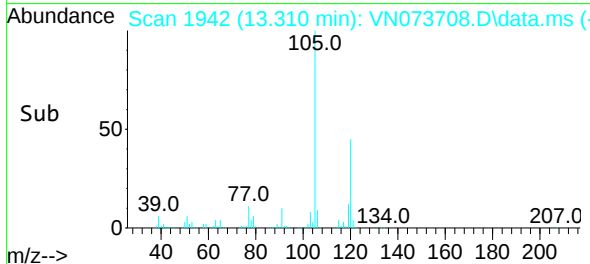
Instrument :
MSVOA_N
ClientSampleId :
MW-14R



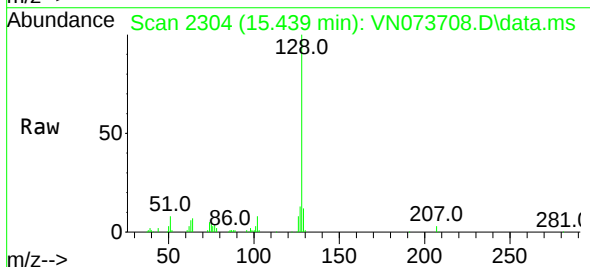
Tgt Ion:105 Resp: 52970
Ion Ratio Lower Upper
105 100
120 45.7 23.3 69.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#95
Naphthalene
Concen: 5.500 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN073708.D
Acq: 03 Aug 2022 13:46



Tgt Ion:128 Resp: 92602
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.6 8.6 13.0

