

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041422\
 Data File : VX028109.D
 Acq On : 14 Apr 2022 16:01
 Operator : JC/MD
 Sample : N2403-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-48

Quant Time: Apr 15 03:15:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 22:07:23 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/15/2022
 Supervised By :Mahesh Dadoda 04/15/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	250667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	431081	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	409425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	237453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	161722	47.555	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.100%		
35) Dibromofluoromethane	5.391	113	140133	49.609	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.220%		
50) Toluene-d8	8.653	98	521254	49.478	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.960%		
62) 4-Bromofluorobenzene	11.079	95	196985	50.078	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.160%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.953	59	354503	449.083	ug/l	99
16) Acetone	2.380	43	19199	13.550	ug/l #	86
19) Methyl tert-butyl Ether	3.111	73	860022	92.554	ug/l	96
22) Diisopropyl ether	3.764	45	5671	0.604	ug/l #	73
25) 2-Butanone	4.574	43	9505	3.881	ug/l	94
31) Cyclohexane	5.477	56	13312	2.847	ug/l	98
39) Methylcyclohexane	7.379	83	7036	1.381	ug/l	96
40) Benzene	6.044	78	91130	7.269	ug/l	99
52) Toluene	8.720	92	521922	62.403	ug/l	100
67) Ethyl Benzene	10.195	91	1160866	73.792	ug/l	97
68) m/p-Xylenes	10.305	106	1106664	168.467	ug/l	97
69) o-Xylene	10.646	106	471579	73.851	ug/l	100
73) Isopropylbenzene	10.963	105	108781	6.449	ug/l	99
78) n-propylbenzene	11.305	91	215682	11.002	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	462307	31.727	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	1608321	112.737	ug/l	97
85) sec-Butylbenzene	11.890	105	11212m	0.623	ug/l	
86) p-Isopropyltoluene	12.012	119	6180	0.405	ug/l #	72
95) Naphthalene	13.774	128	607182	38.750	ug/l	100

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

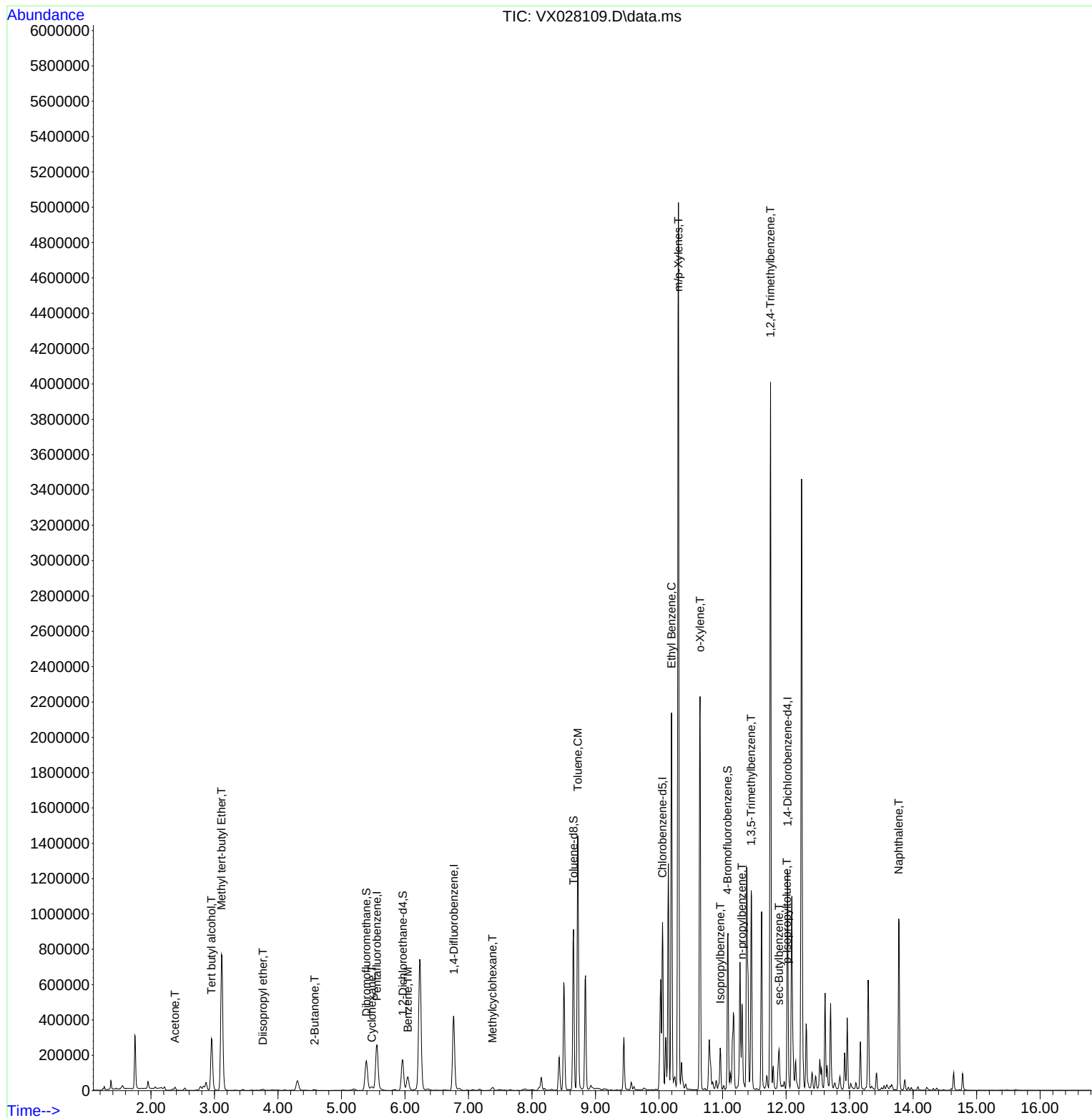
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041422\
Data File : VX028109.D
Acq On : 14 Apr 2022 16:01
Operator : JC/MD
Sample : N2403-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

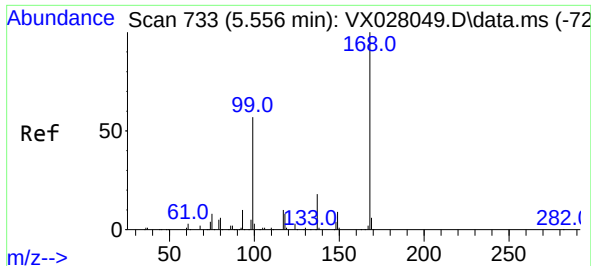
Instrument :
MSVOA_X
ClientSampleId :
MW-48

Manual Integrations
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Supervised By :Mahesh Dadoda 04/15/2022

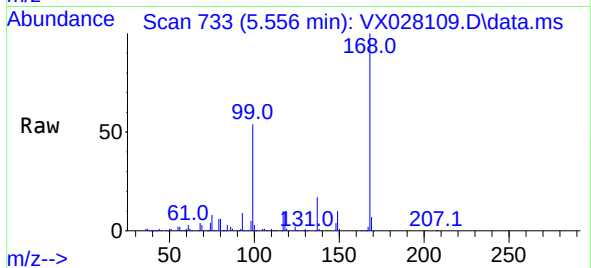
Quant Time: Apr 15 03:15:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 12 22:07:23 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

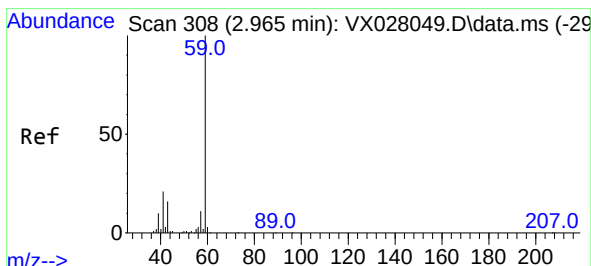
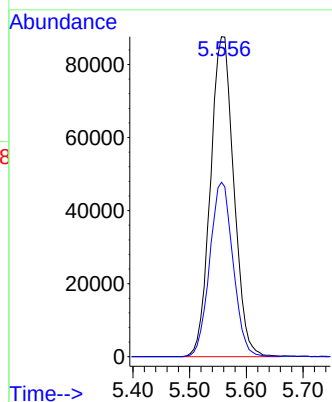
Instrument :
MSVOA_X
ClientSampleId :
MW-48



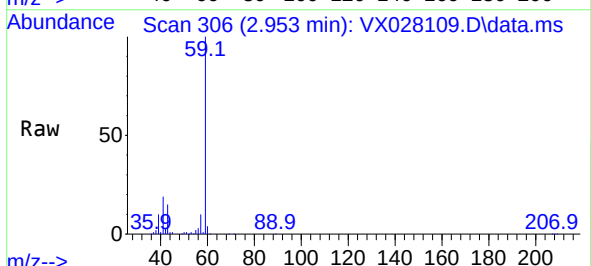
Tgt Ion:168 Resp: 25066
Ion Ratio Lower Upper
168 100
99 54.5 41.7 62.5

Manual Integrations
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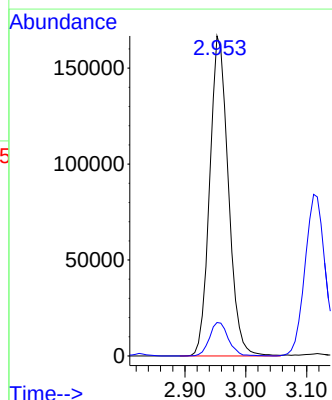
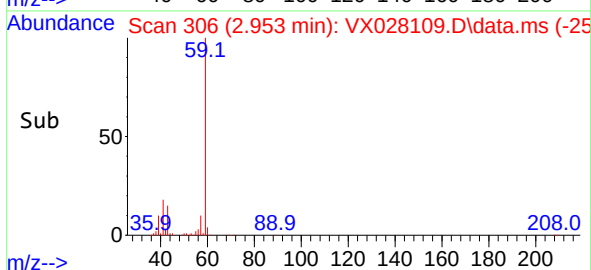
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

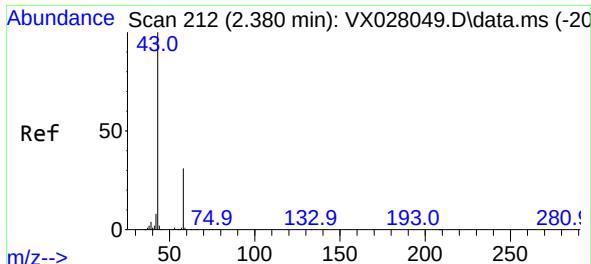


#11
Tert butyl alcohol
Concen: 449.083 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01



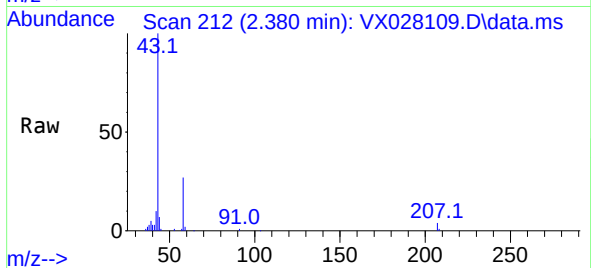
Tgt Ion: 59 Resp: 354503
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5





#16
Acetone
Concen: 13.550 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

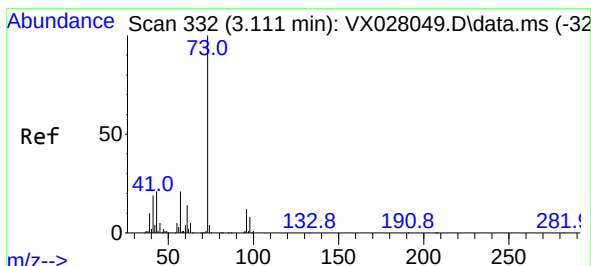
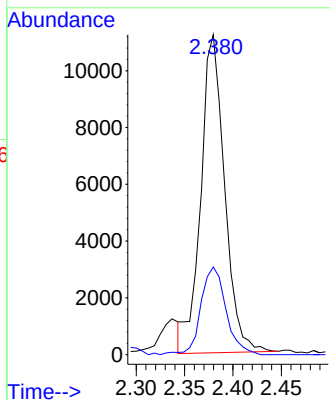
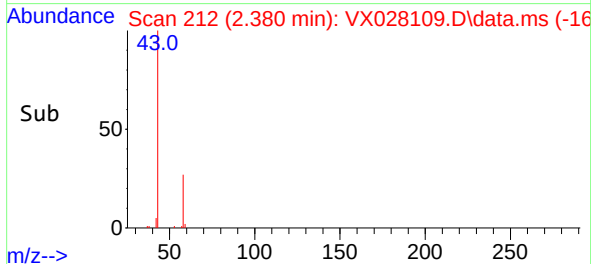
Instrument :
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ClientSampleId :
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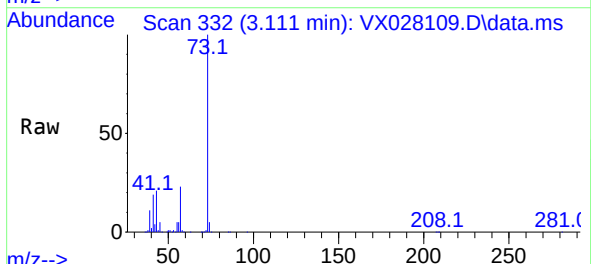
Tgt Ion: 43 Resp: 19199
Ion Ratio Lower Upper
43 100
58 27.7 28.8 43.2

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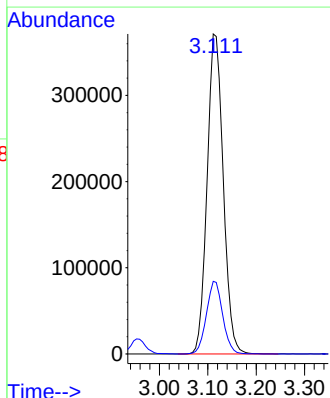
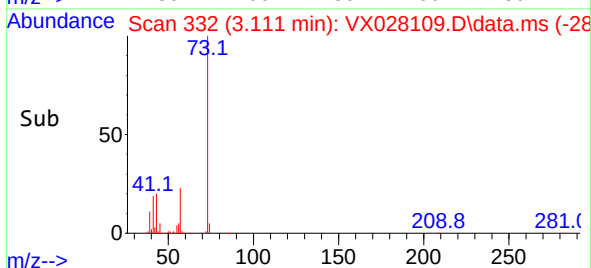
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

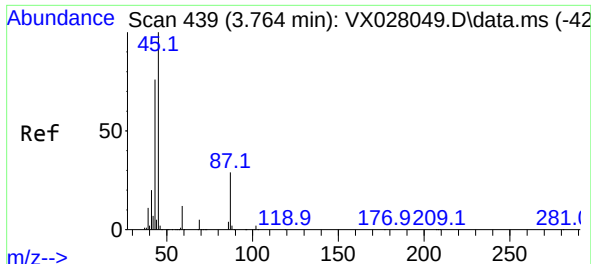


#19
Methyl tert-butyl Ether
Concen: 92.554 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01



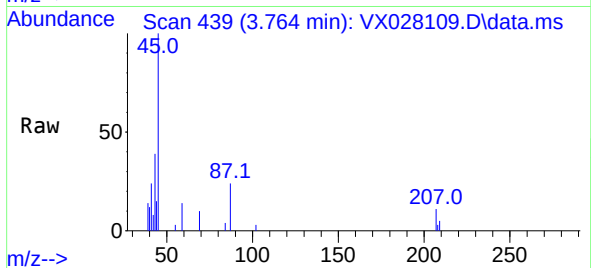
Tgt Ion: 73 Resp: 860022
Ion Ratio Lower Upper
73 100
57 22.7 16.8 25.2





#22
Diisopropyl ether
Concen: 0.604 ug/l
RT: 3.764 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

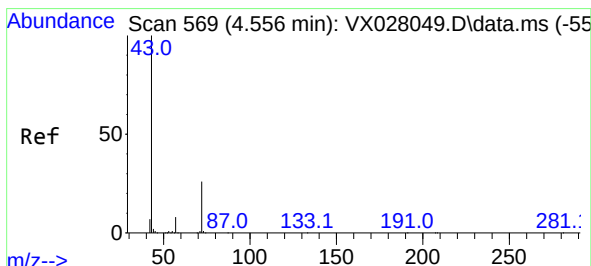
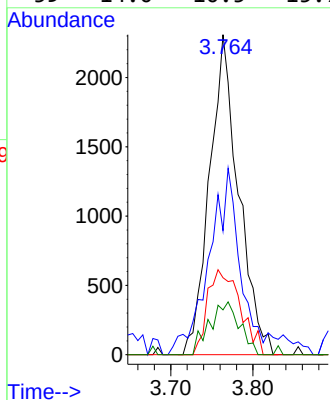
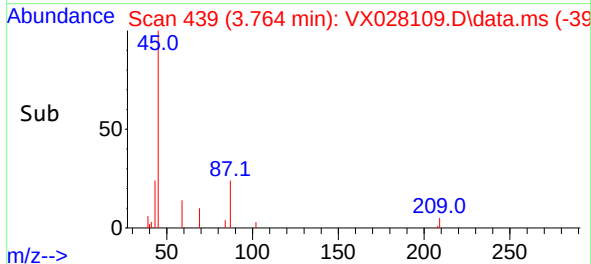
Instrument :
MSVOA_X
ClientSampleId :
MW-48



Tgt Ion: 45 Resp: 567
Ion Ratio Lower Upper
45 100
43 34.0 50.8 76.2
87 24.1 26.6 39.8
59 14.0 10.5 15.7

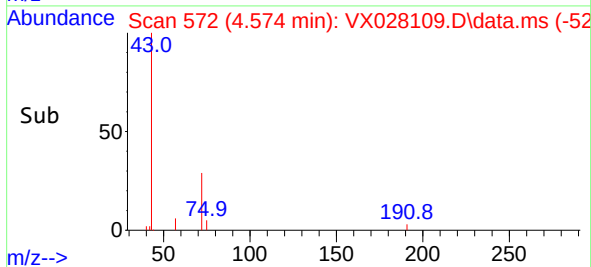
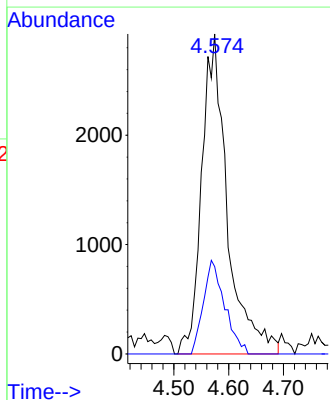
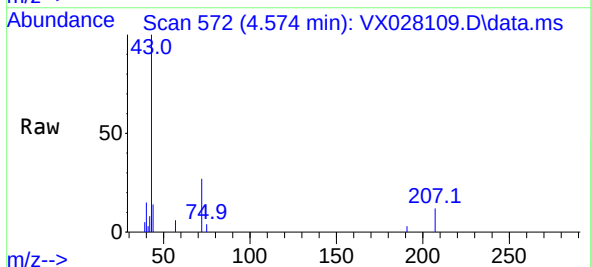
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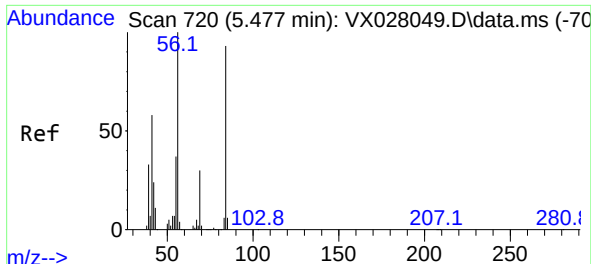
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022



#25
2-Butanone
Concen: 3.881 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

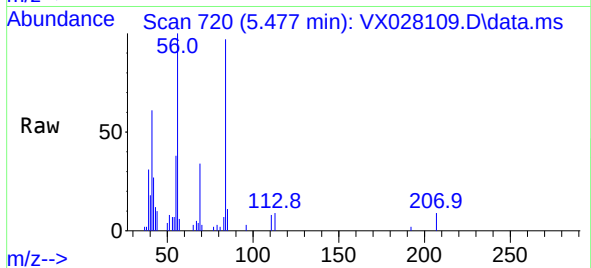
Tgt Ion: 43 Resp: 9505
Ion Ratio Lower Upper
43 100
72 27.3 24.4 36.6





#31
Cyclohexane
Concen: 2.847 ug/l
RT: 5.477 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

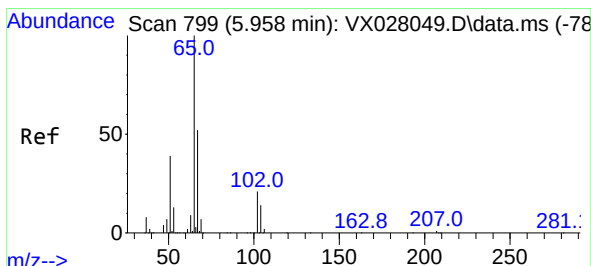
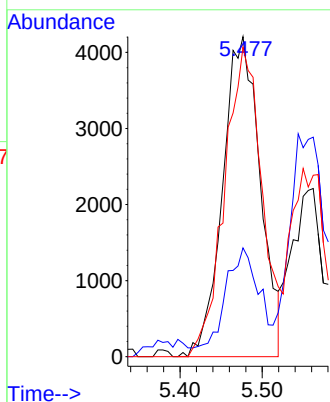
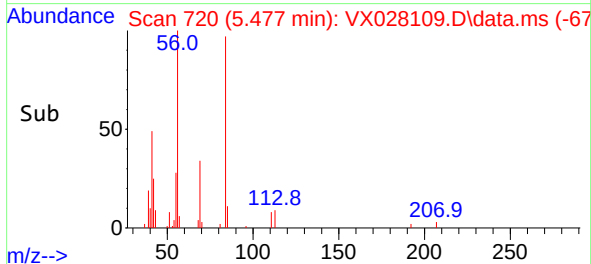
Instrument :
MSVOA_X
ClientSampleId :
MW-48



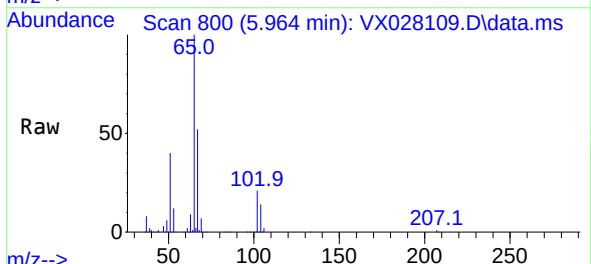
Tgt Ion: 56 Resp: 13312
Ion Ratio Lower Upper
56 100
69 28.6 26.7 40.1
84 96.7 77.2 115.8

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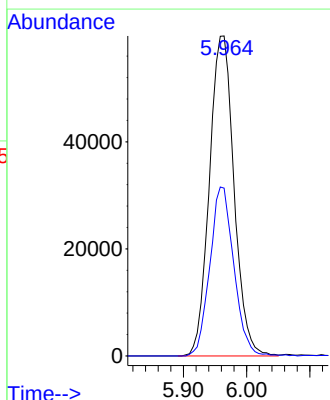
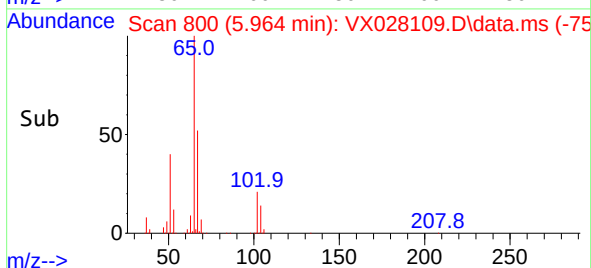
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

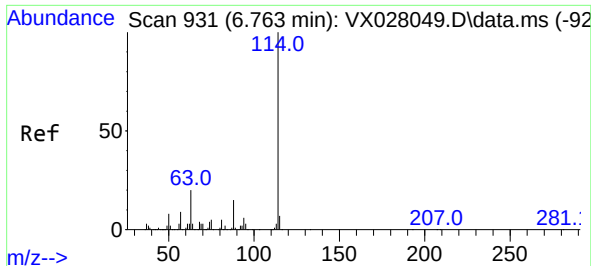


#33
1,2-Dichloroethane-d4
Concen: 47.555 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01



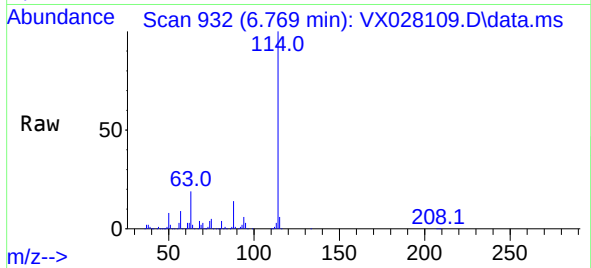
Tgt Ion: 65 Resp: 161722
Ion Ratio Lower Upper
65 100
67 51.5 0.0 107.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

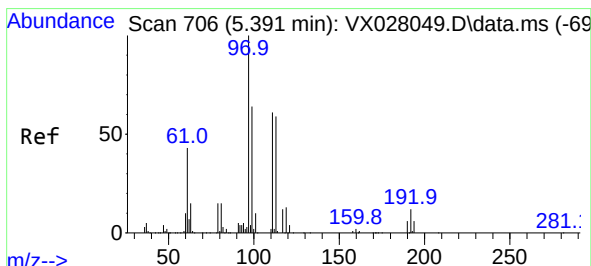
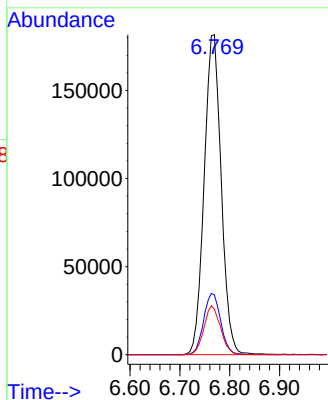
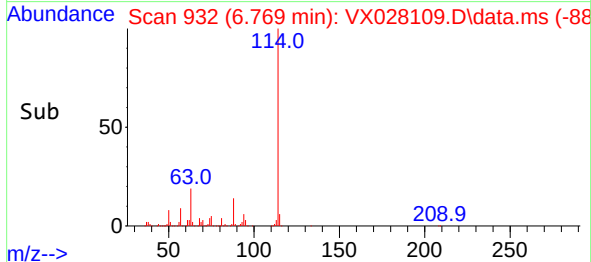
Instrument :
MSVOA_X
ClientSampleId :
MW-48



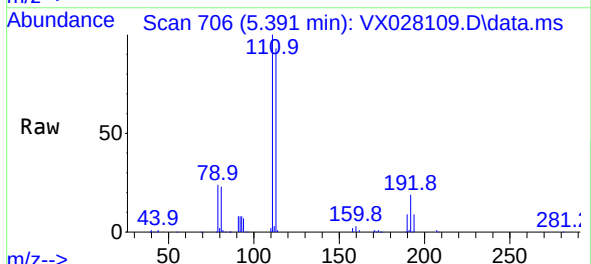
Tgt Ion:114 Resp: 43108
Ion Ratio Lower Upper
114 100
63 18.7 0.0 36.8
88 14.3 0.0 32.4

Manual Integrations
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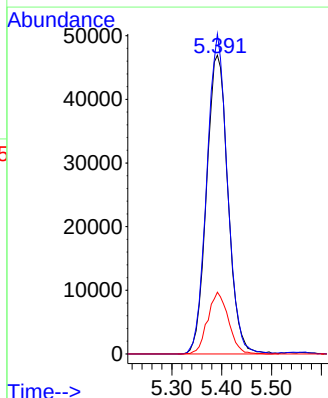
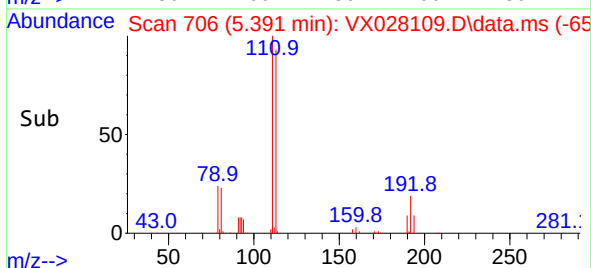
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Supervised By :Mahesh Dadoda 04/15/2022

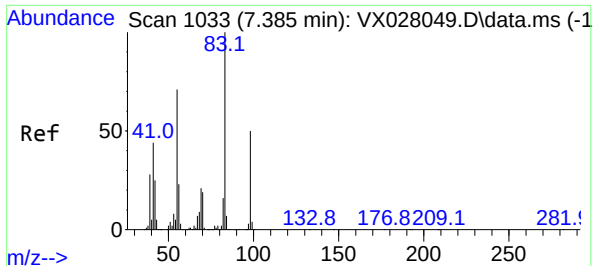


#35
Dibromofluoromethane
Concen: 49.609 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01



Tgt Ion:113 Resp: 140133
Ion Ratio Lower Upper
113 100
111 103.1 82.8 124.2
192 20.0 16.9 25.3





#39

Methylcyclohexane

Concen: 1.381 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX028109.D

Acq: 14 Apr 2022 16:01

Instrument :

MSVOA_X

ClientSampleId :

MW-48

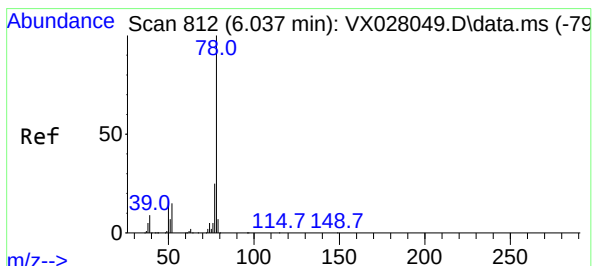
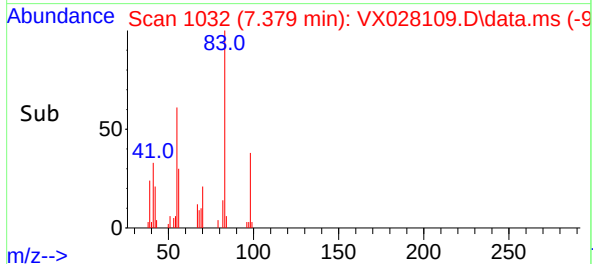
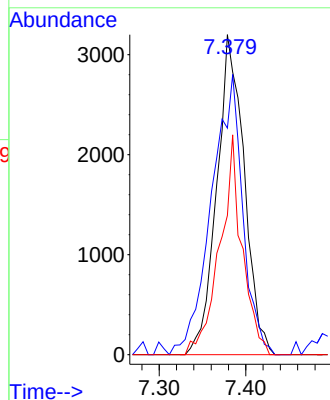
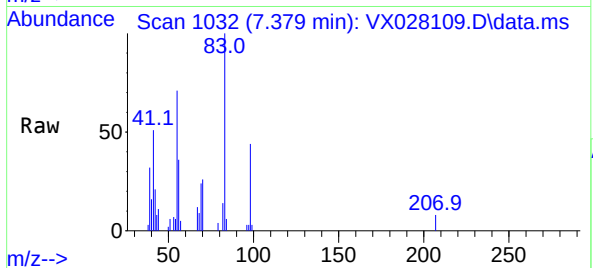
Tgt Ion: 83	Resp: 7030
Ion Ratio	Lower Upper
83 100	
55 70.8	54.6 81.8
98 43.5	37.4 56.2

Manual Integrations

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Supervised By :Mahesh Dadoda 04/15/2022



#40

Benzene

Concen: 7.269 ug/l

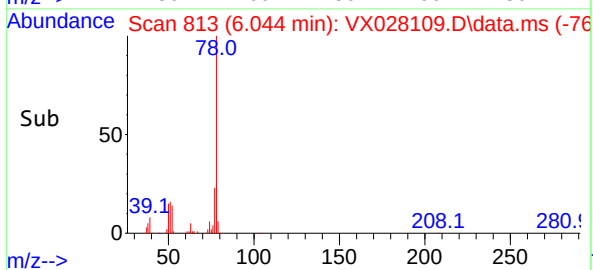
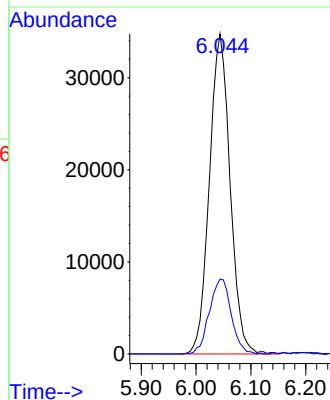
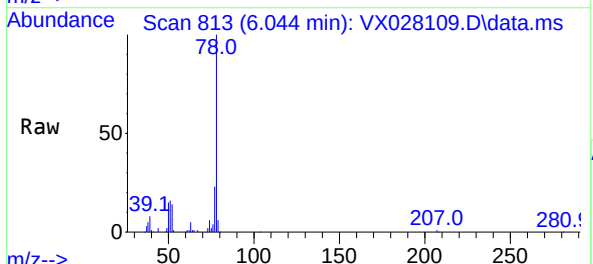
RT: 6.044 min Scan# 813

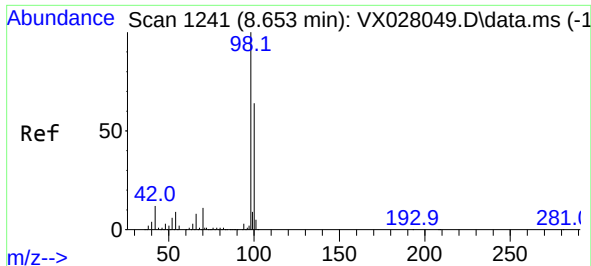
Delta R.T. 0.007 min

Lab File: VX028109.D

Acq: 14 Apr 2022 16:01

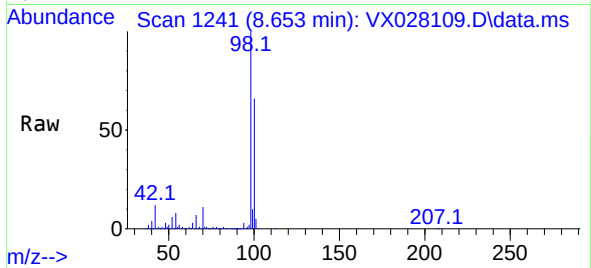
Tgt Ion: 78	Resp: 91130
Ion Ratio	Lower Upper
78 100	
77 23.4	19.3 28.9





#50
Toluene-d8
Concen: 49.478 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

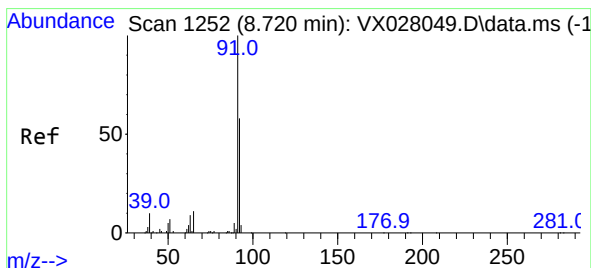
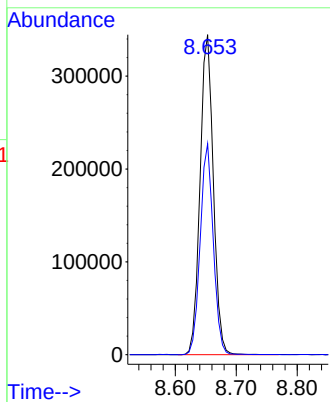
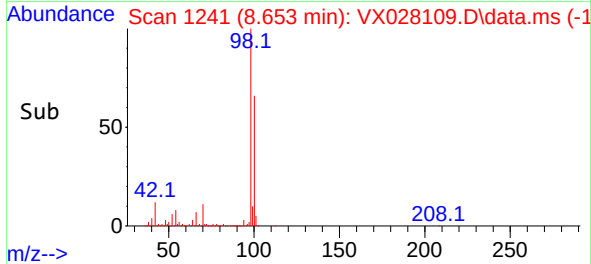
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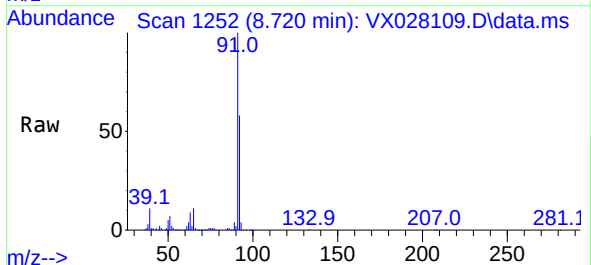
Tgt Ion: 98 Resp: 521254
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8

Manual Integrations
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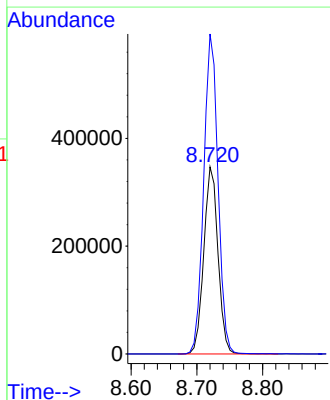
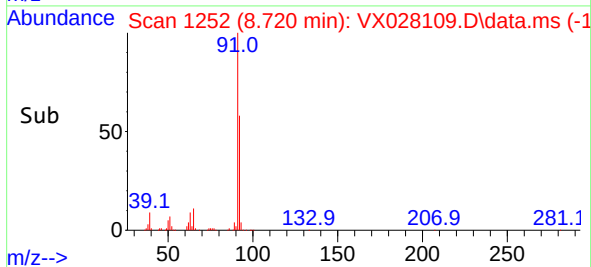
Reviewed By :Krupa Patel 04/15/2022
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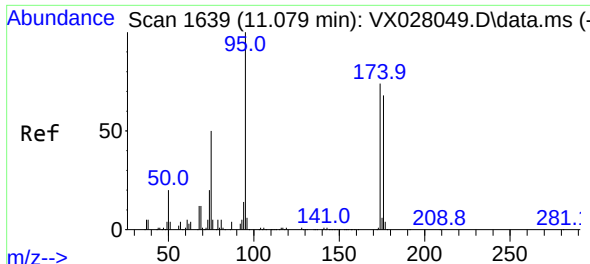


#52
Toluene
Concen: 62.403 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01



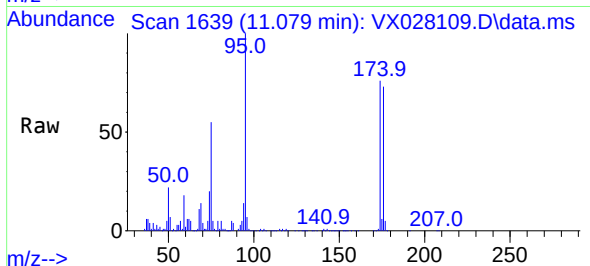
Tgt Ion: 92 Resp: 521922
Ion Ratio Lower Upper
92 100
91 171.8 137.5 206.3





#62
4-Bromofluorobenzene
Concen: 50.078 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

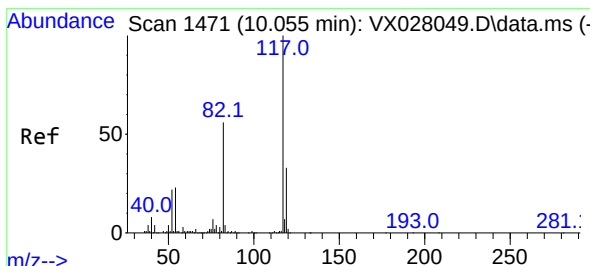
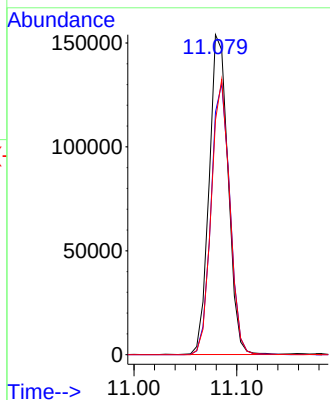
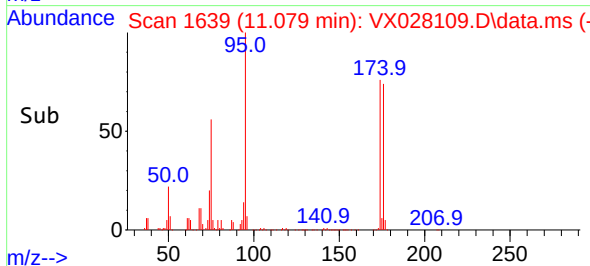
Instrument :
MSVOA_X
ClientSampleId :
MW-48



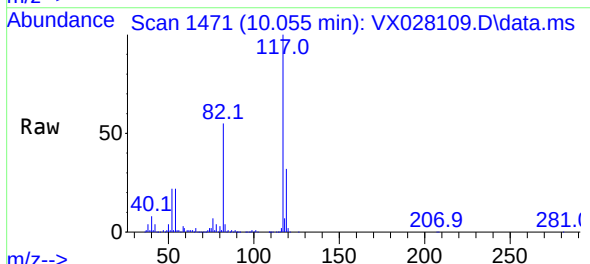
Tgt Ion: 95 Resp: 196985
Ion Ratio Lower Upper
95 100
174 84.2 0.0 163.0
176 83.4 0.0 155.0

Manual Integrations
APPROVED

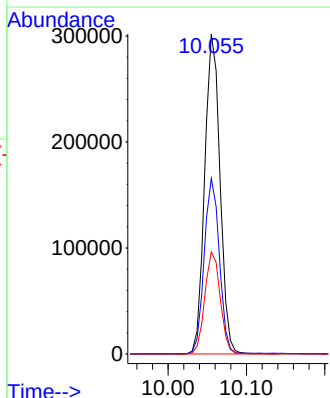
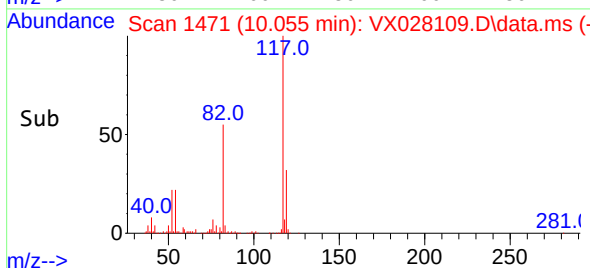
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

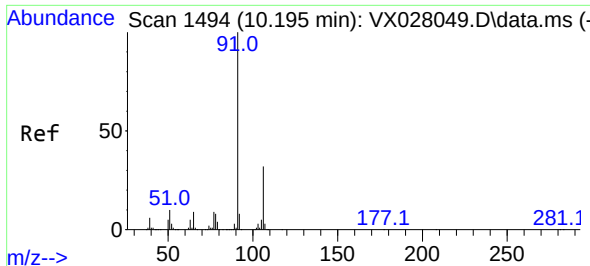


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01



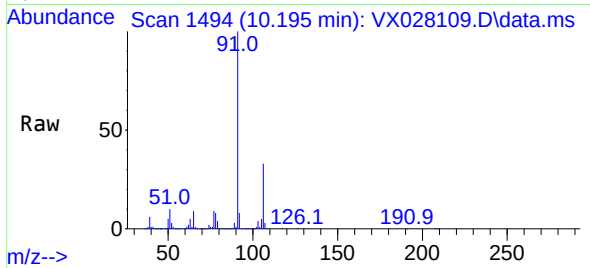
Tgt Ion:117 Resp: 409425
Ion Ratio Lower Upper
117 100
82 54.7 41.8 62.8
119 31.9 24.8 37.2





#67
Ethyl Benzene
Concen: 73.792 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

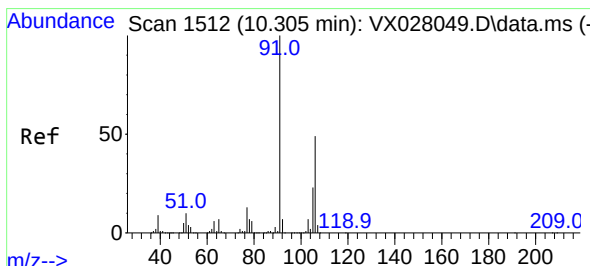
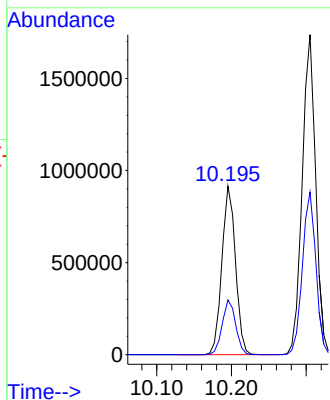
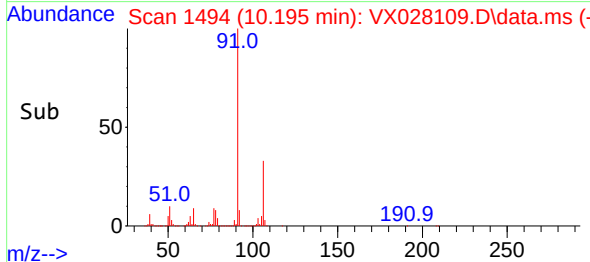
Instrument :
MSVOA_X
ClientSampleId :
MW-48



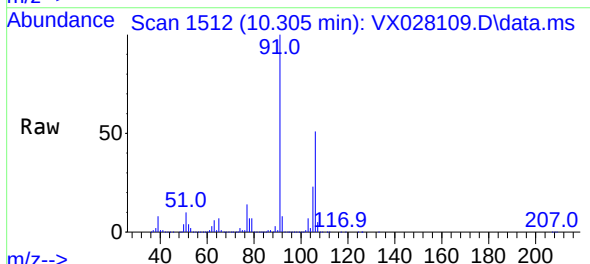
Tgt Ion: 91 Resp: 1160860
Ion Ratio Lower Upper
91 100
106 32.5 24.6 36.8

Manual Integrations
APPROVED

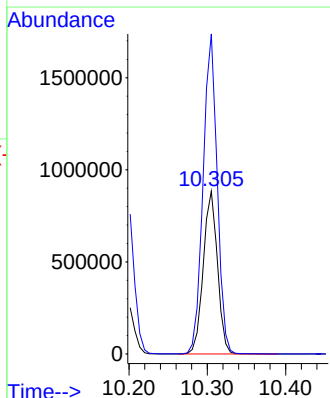
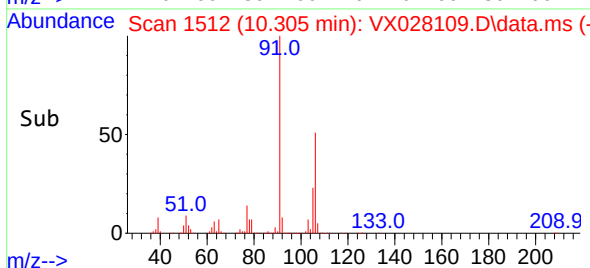
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

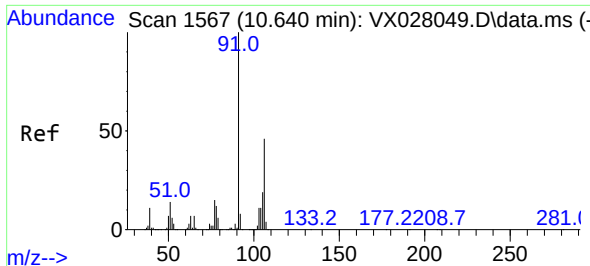


#68
m/p-Xylenes
Concen: 168.467 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01



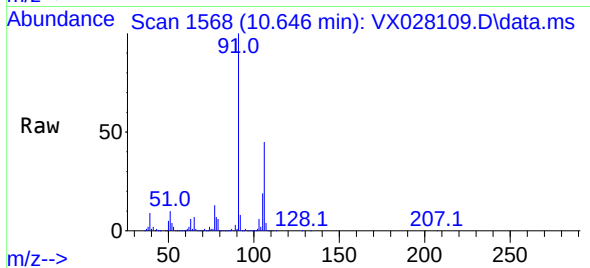
Tgt Ion:106 Resp: 1106664
Ion Ratio Lower Upper
106 100
91 196.1 160.4 240.6





#69
o-Xylene
Concen: 73.851 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

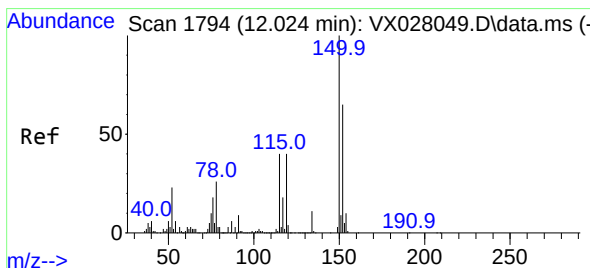
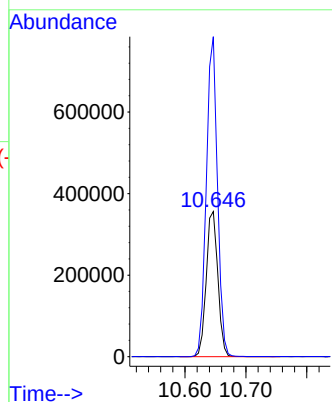
Instrument :
MSVOA_X
ClientSampleId :
MW-48



Tgt Ion:106 Resp: 471579
Ion Ratio Lower Upper
106 100
91 211.6 106.1 318.1

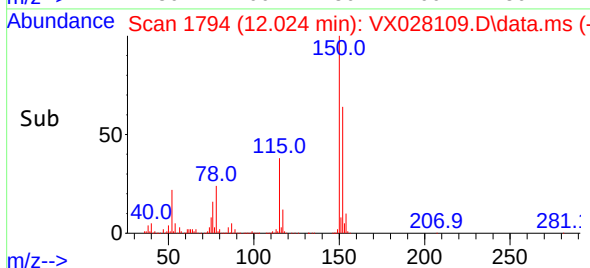
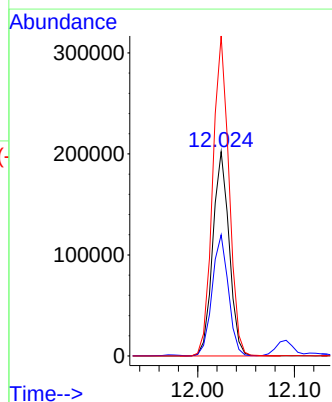
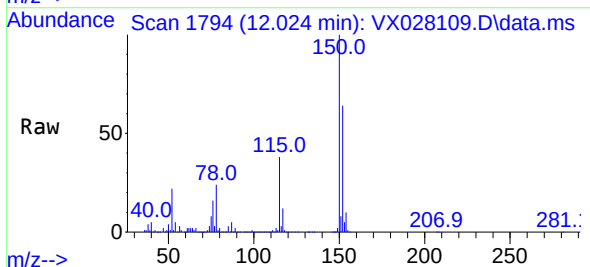
Manual Integrations
APPROVED

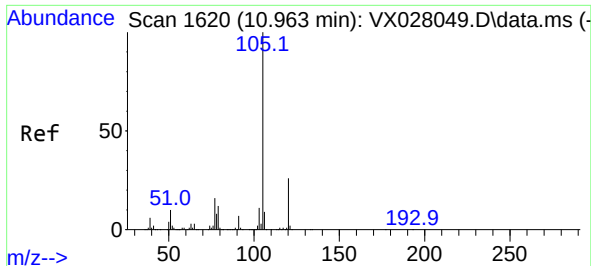
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

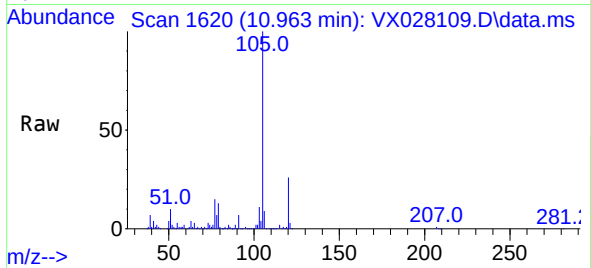
Tgt Ion:152 Resp: 237453
Ion Ratio Lower Upper
152 100
115 58.6 37.5 112.7
150 156.1 0.0 338.2





#73
Isopropylbenzene
Concen: 6.449 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

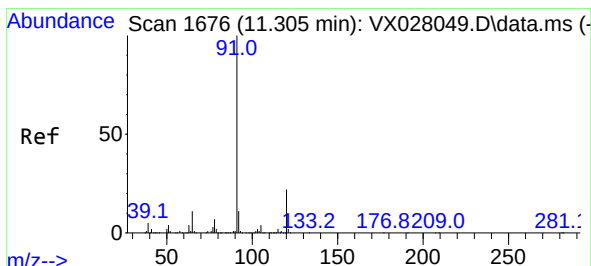
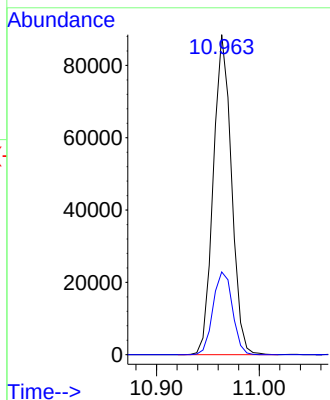
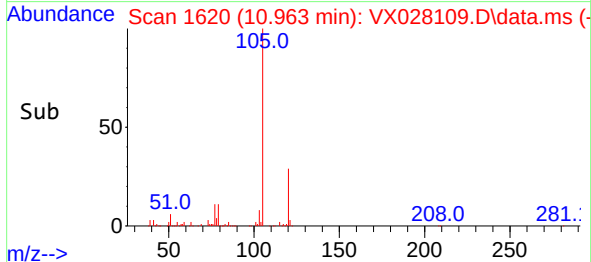
Instrument :
MSVOA_X
ClientSampleId :
MW-48



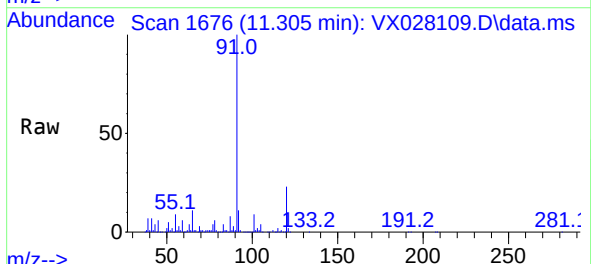
Tgt Ion: 105 Resp: 10878
Ion Ratio Lower Upper
105 100
120 27.6 13.5 40.5

Manual Integrations
APPROVED

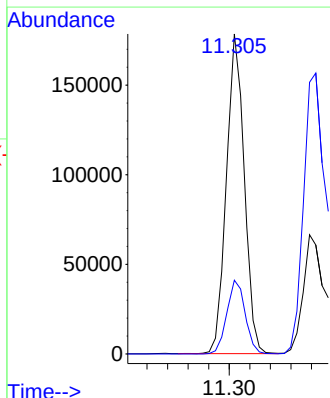
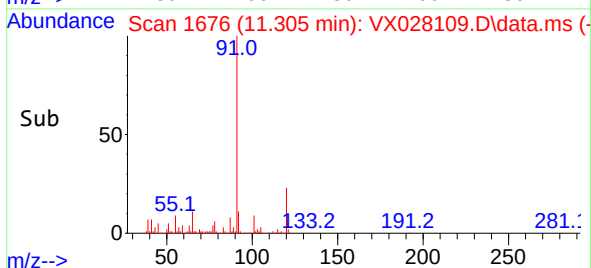
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

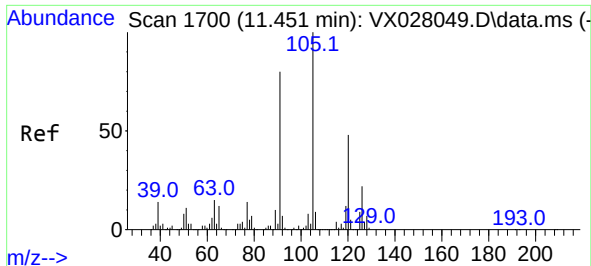


#78
n-propylbenzene
Concen: 11.002 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01



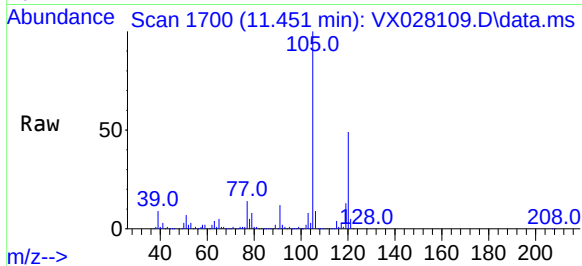
Tgt Ion: 91 Resp: 215682
Ion Ratio Lower Upper
91 100
120 23.7 11.6 34.8





#80
1,3,5-Trimethylbenzene
Concen: 31.727 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

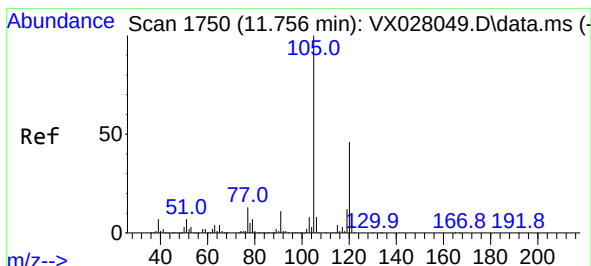
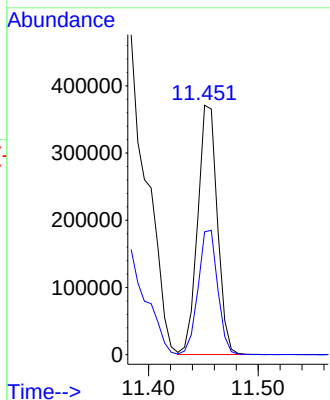
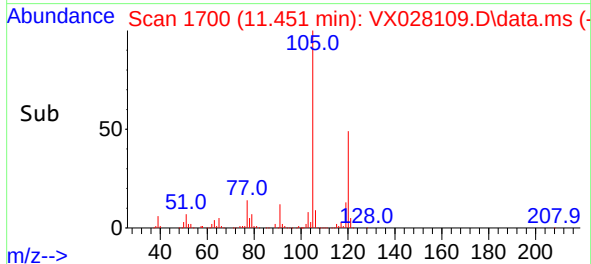
Instrument :
MSVOA_X
ClientSampleId :
MW-48



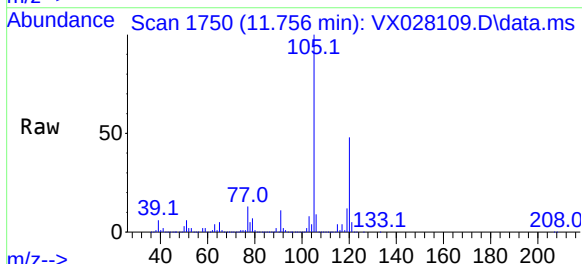
Tgt Ion:105 Resp: 462307
Ion Ratio Lower Upper
105 100
120 49.8 24.3 72.9

Manual Integrations
APPROVED

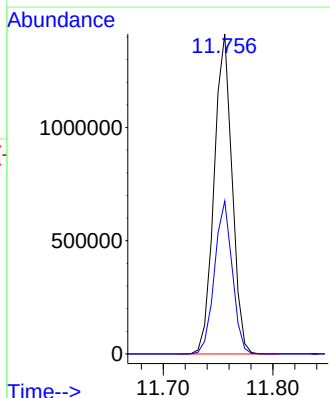
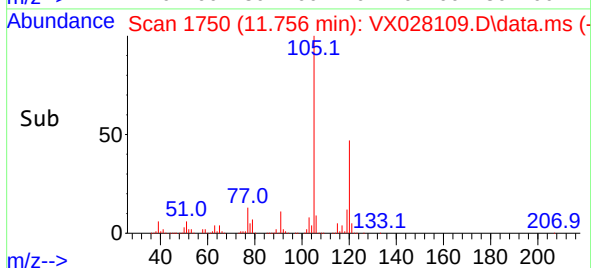
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

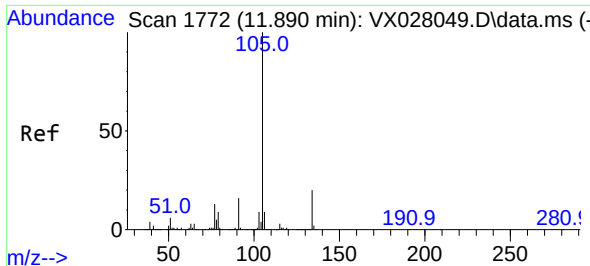


#84
1,2,4-Trimethylbenzene
Concen: 112.737 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01



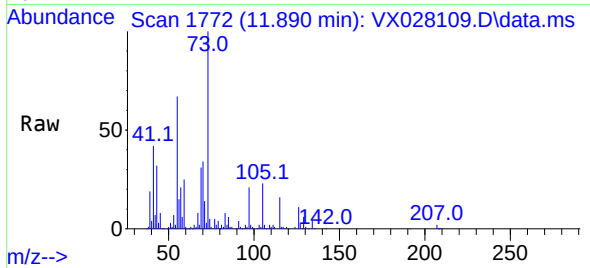
Tgt Ion:105 Resp: 1608321
Ion Ratio Lower Upper
105 100
120 47.3 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 0.623 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX028109.D
 Acq: 14 Apr 2022 16:01

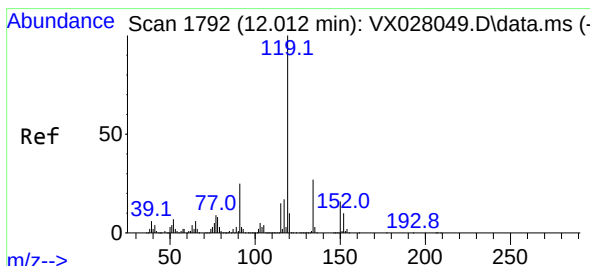
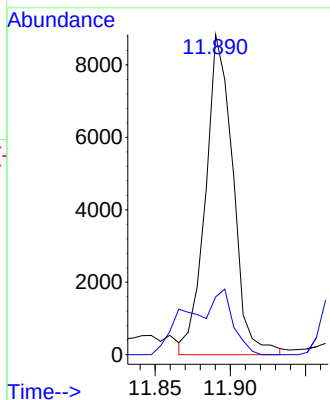
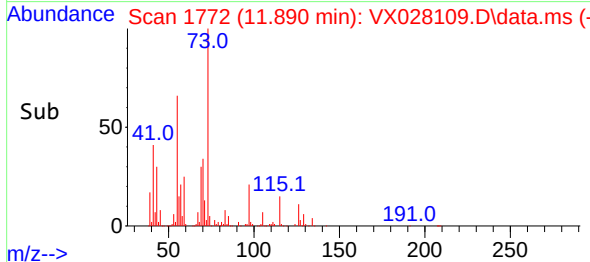
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-48



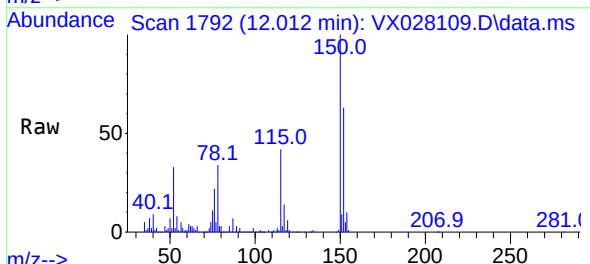
Tgt Ion:105 Resp: 1121
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4

Manual Integrations
 APPROVED

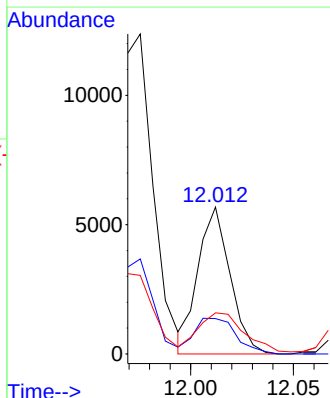
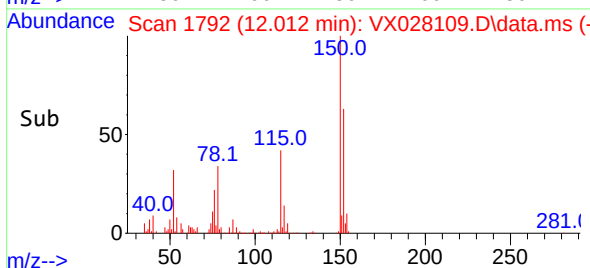
Reviewed By :Krupa Patel 04/15/2022
 Supervised By :Mahesh Dadoda 04/15/2022

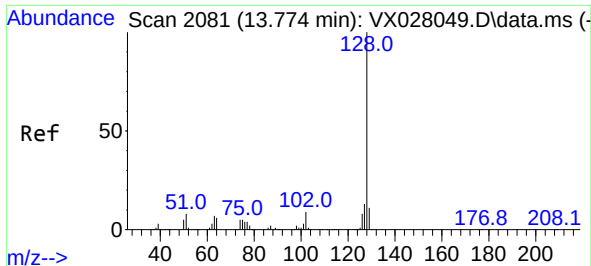


#86
 p-Isopropyltoluene
 Concen: 0.405 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX028109.D
 Acq: 14 Apr 2022 16:01



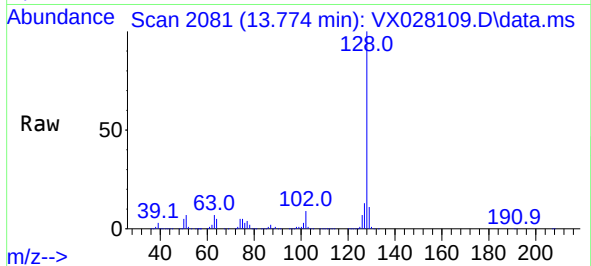
Tgt Ion:119 Resp: 6180
 Ion Ratio Lower Upper
 119 100
 134 31.7 13.0 39.0
 91 0.0 11.3 33.9





#95
Naphthalene
Concen: 38.750 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

Instrument :
MSVOA_X
ClientSampleId :
MW-48



Tgt Ion:128 Resp: 607182
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

