

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041422\
 Data File : VX028102.D
 Acq On : 14 Apr 2022 13:17
 Operator : JC/MD
 Sample : N2403-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24

Quant Time: Apr 15 03:13:11 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	239637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	416458	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	405868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	197855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	154456	47.509	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.020%		
35) Dibromofluoromethane	5.385	113	133956	49.087	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.180%		
50) Toluene-d8	8.653	98	519374	51.031	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.060%		
62) 4-Bromofluorobenzene	11.085	95	184123	48.452	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.900%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.953	59	47888	63.457	ug/l #	72
16) Acetone	2.380	43	15606m	11.521	ug/l	
22) Diisopropyl ether	3.757	45	13519	1.505	ug/l #	86
25) 2-Butanone	4.562	43	10972	4.686	ug/l	99
31) Cyclohexane	5.477	56	443868	99.293	ug/l	98
39) Methylcyclohexane	7.385	83	250365	50.852	ug/l	95
40) Benzene	6.044	78	2104956	173.805	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	19528	3.789	ug/l	90
52) Toluene	8.720	92	31104	3.850	ug/l	99
67) Ethyl Benzene	10.195	91	100455	6.442	ug/l	97
68) m/p-Xylenes	10.305	106	86856	13.338	ug/l	96
69) o-Xylene	10.646	106	9130	1.442	ug/l	94
73) Isopropylbenzene	10.963	105	109567	7.795	ug/l	100
78) n-propylbenzene	11.305	91	176525	10.806	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	7756	0.639	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	44678	3.759	ug/l	96
85) sec-Butylbenzene	11.890	105	9203	0.614	ug/l	97
95) Naphthalene	13.780	128	332368	25.457	ug/l	99

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

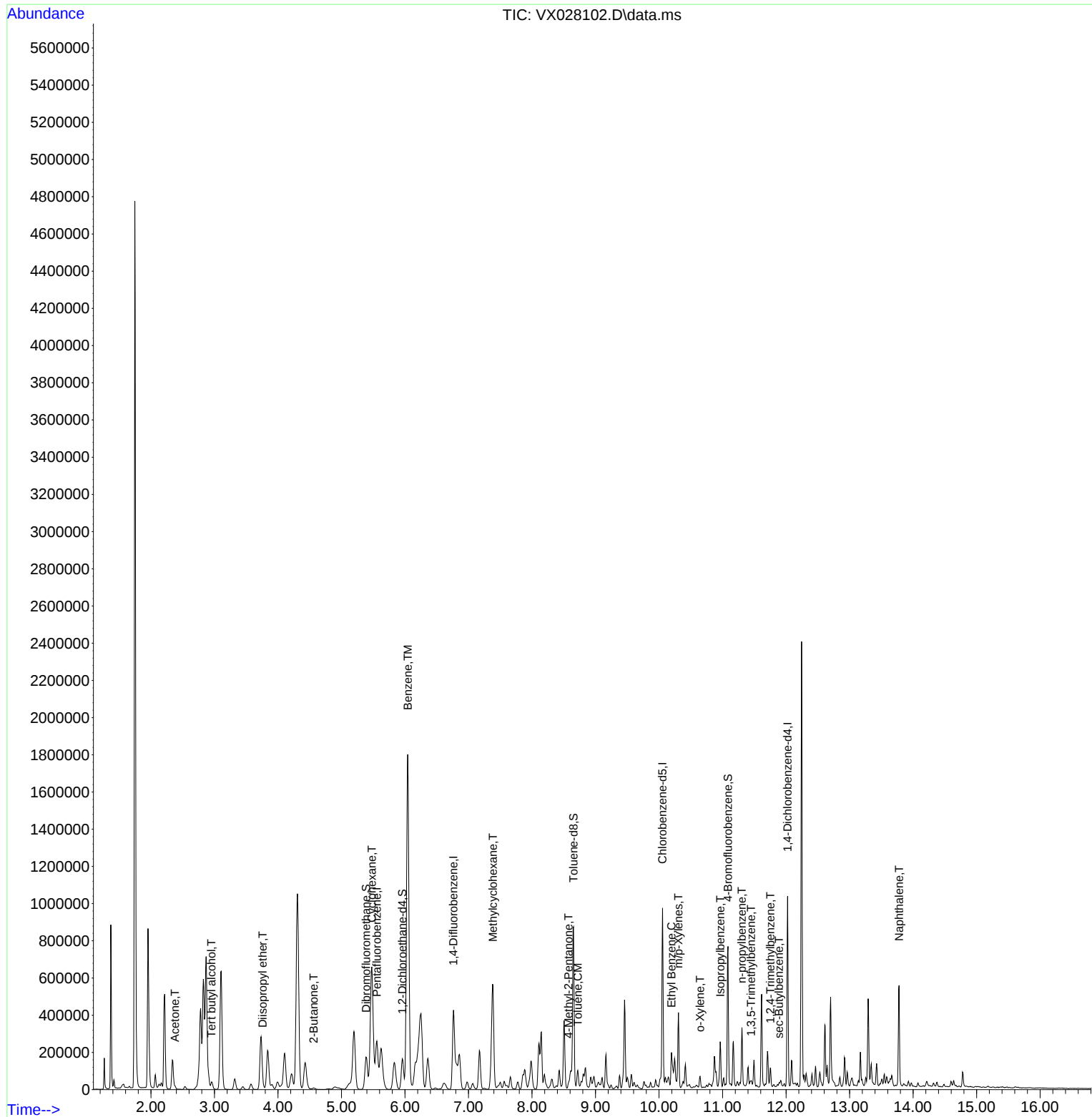
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041422\
Data File : VX028102.D
Acq On : 14 Apr 2022 13:17
Operator : JC/MD
Sample : N2403-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-24

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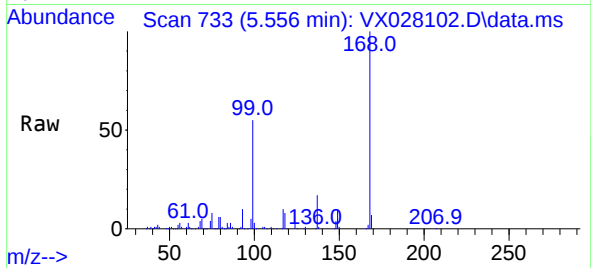
Quant Time: Apr 15 03:13:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 12 22:07:23 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

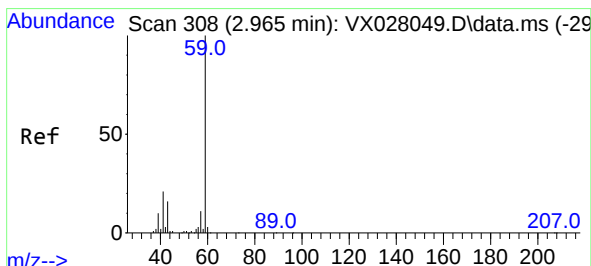
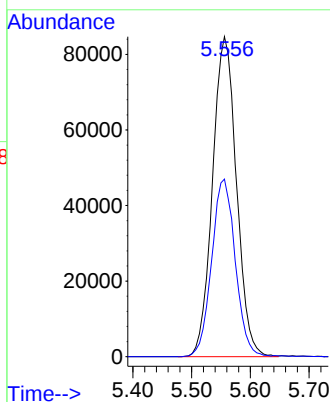
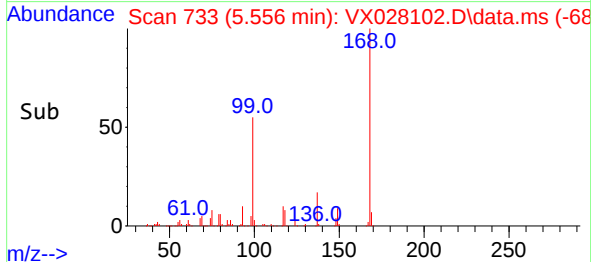
Instrument :
MSVOA_X
ClientSampleId :
MW-24



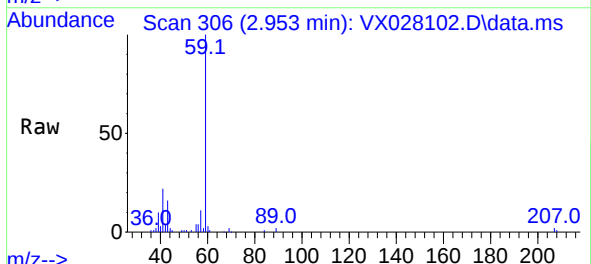
Tgt Ion:168 Resp: 23963
Ion Ratio Lower Upper
168 100
99 55.5 41.7 62.5

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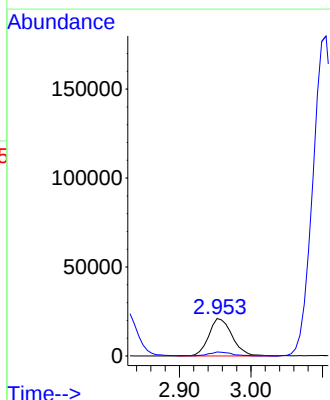
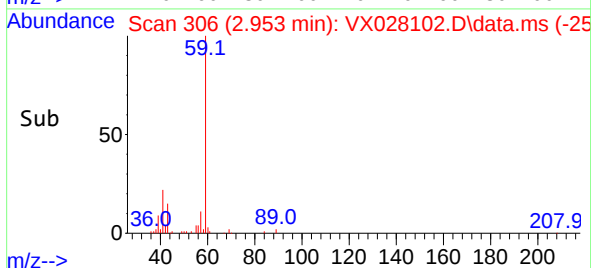
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

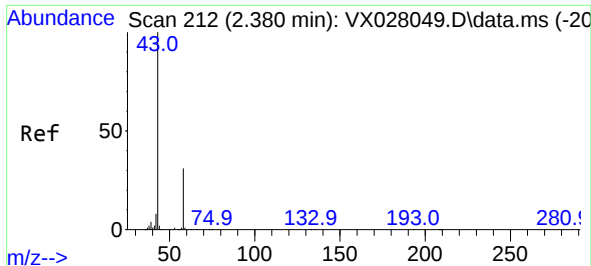


#11
Tert butyl alcohol
Concen: 63.457 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17



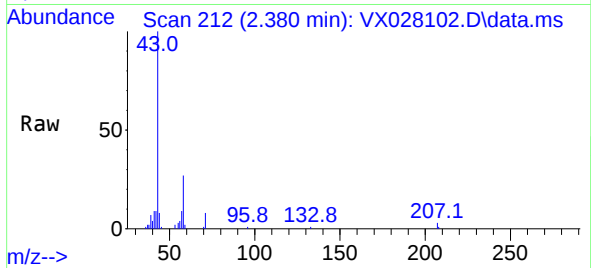
Tgt Ion: 59 Resp: 47888
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16
Acetone
Concen: 11.521 ug/l m
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

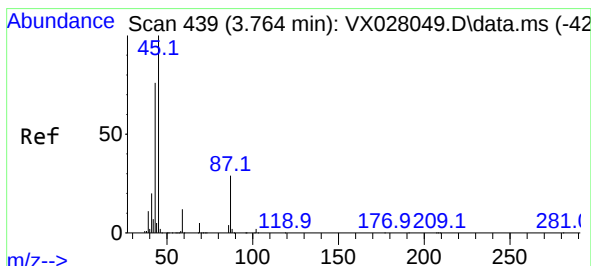
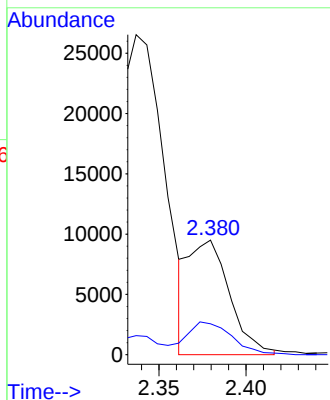
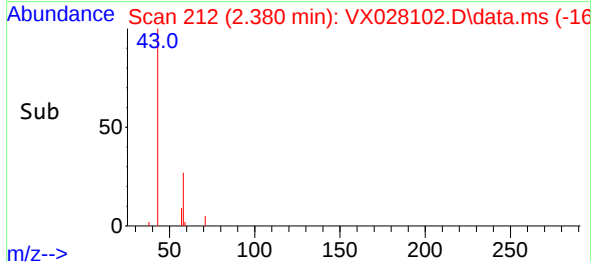
Instrument :
MSVOA_X
ClientSampleId :
MW-24



Tgt Ion: 43 Resp: 15600
Ion Ratio Lower Upper
43 100
58 26.9 28.8 43.2

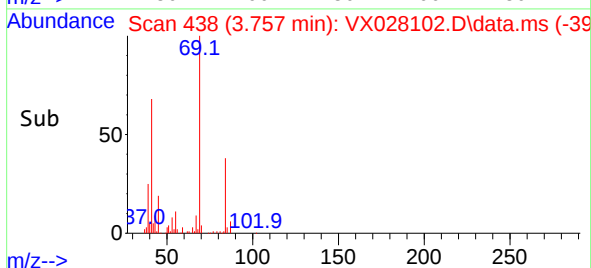
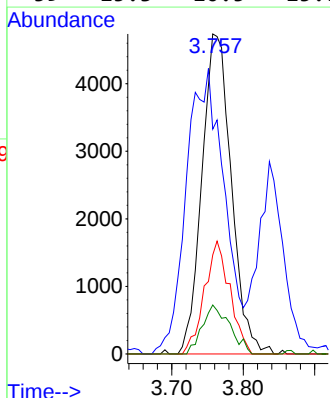
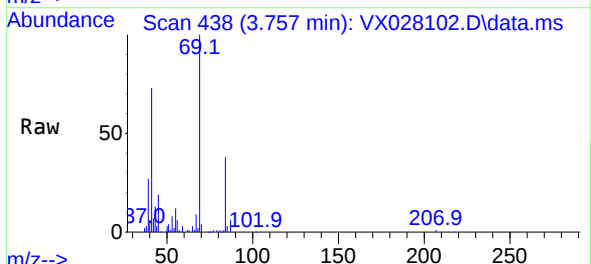
Manual Integrations
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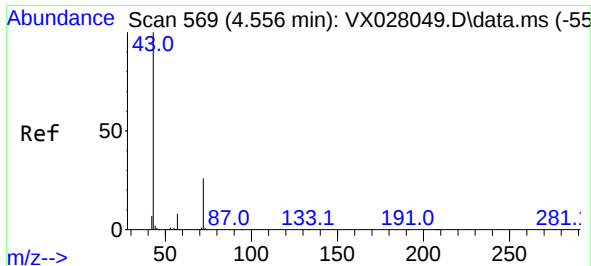
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022



#22
Diisopropyl ether
Concen: 1.505 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

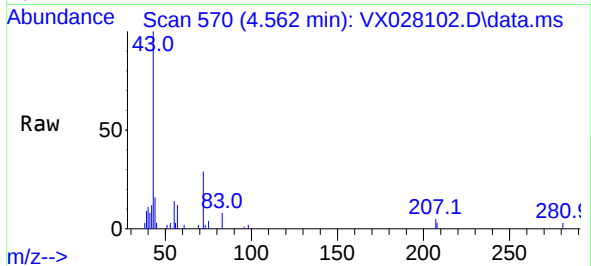
Tgt Ion: 45 Resp: 13519
Ion Ratio Lower Upper
45 100
43 46.5 50.8 76.2#
87 30.9 26.6 39.8
59 15.3 10.5 15.7





#25
2-Butanone
Concen: 4.686 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

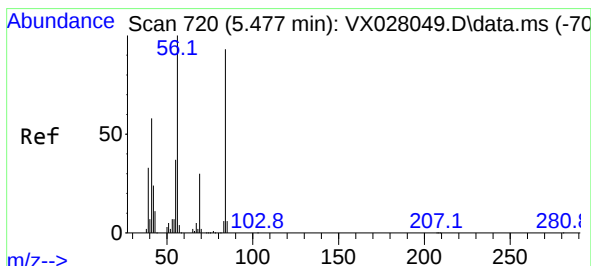
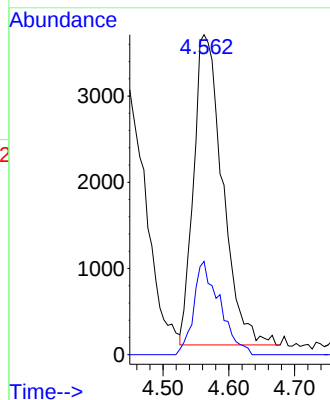
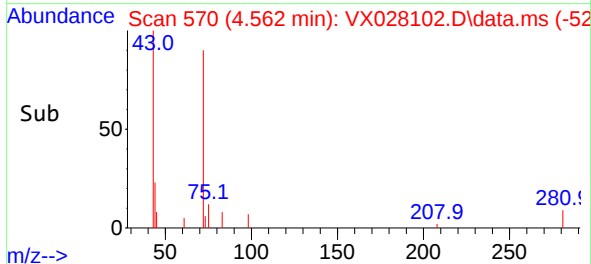
Instrument :
MSVOA_X
ClientSampleId :
MW-24



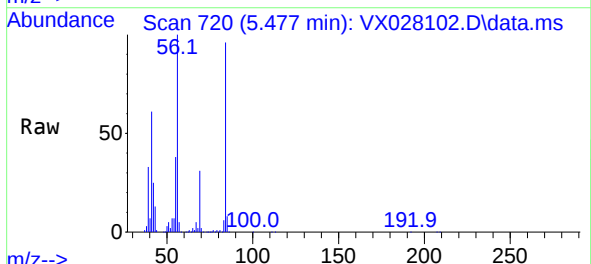
Tgt Ion: 43 Resp: 10972
Ion Ratio Lower Upper
43 100
72 30.1 24.4 36.6

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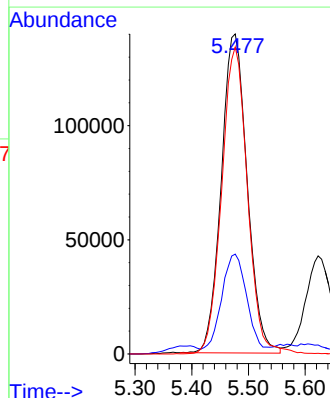
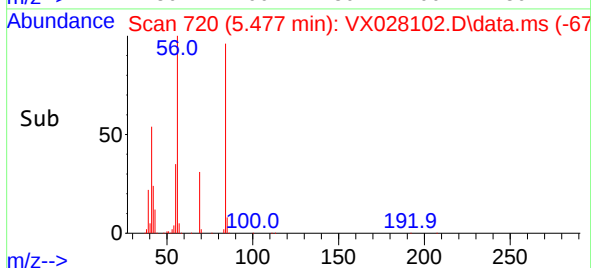
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

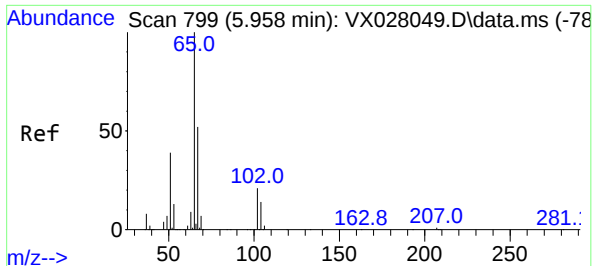


#31
Cyclohexane
Concen: 99.293 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17



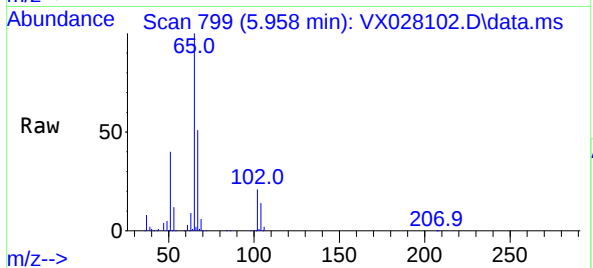
Tgt Ion: 56 Resp: 443868
Ion Ratio Lower Upper
56 100
69 28.8 26.7 40.1
84 96.3 77.2 115.8





#33
1,2-Dichloroethane-d4
Concen: 47.509 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

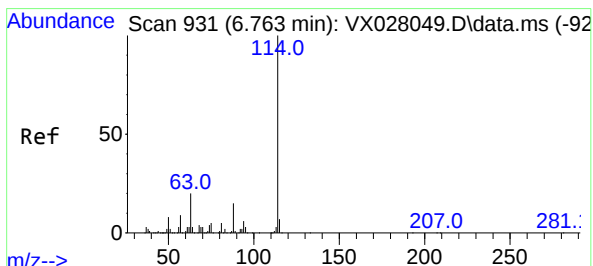
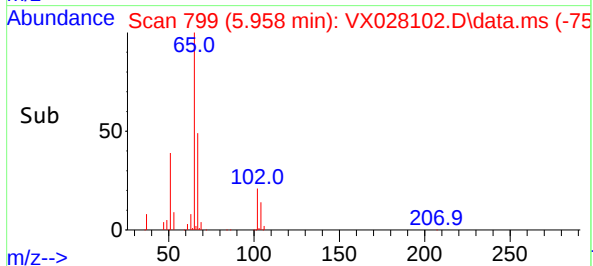
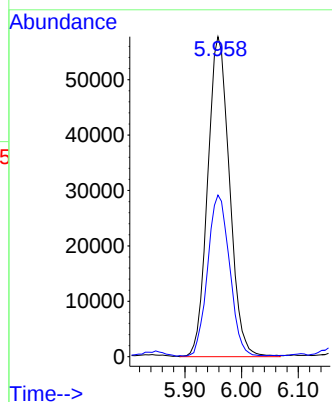
Instrument :
MSVOA_X
ClientSampleId :
MW-24



Tgt Ion: 65 Resp: 154456
Ion Ratio Lower Upper
65 100
67 50.6 0.0 107.4

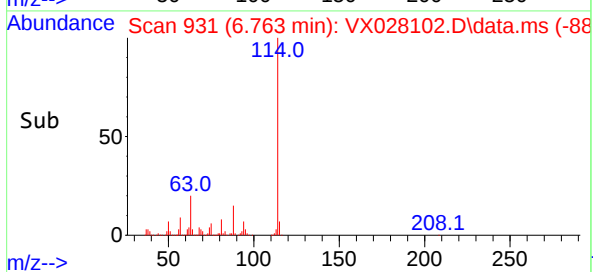
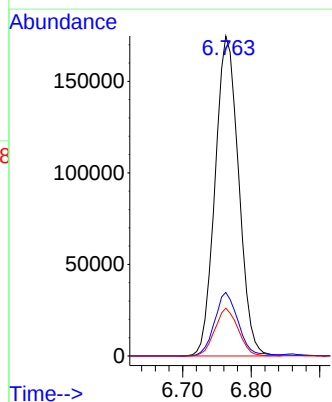
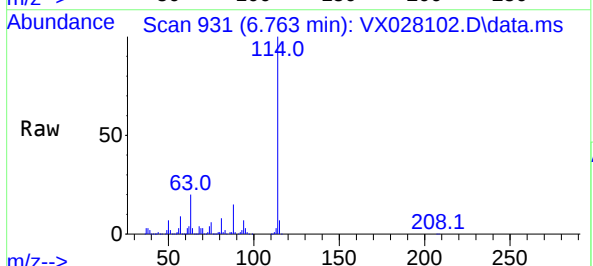
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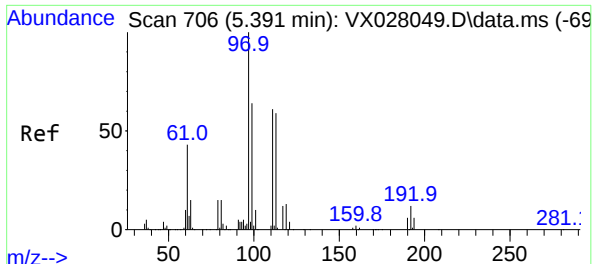
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

Tgt Ion:114 Resp: 416458
Ion Ratio Lower Upper
114 100
63 19.8 0.0 36.8
88 14.9 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.087 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX028102.D

Acq: 14 Apr 2022 13:17

Instrument :

MSVOA_X

ClientSampleId :

MW-24

Tgt Ion:113 Resp: 133950

Ion Ratio Lower Upper

113 100

111 103.8 82.8 124.2

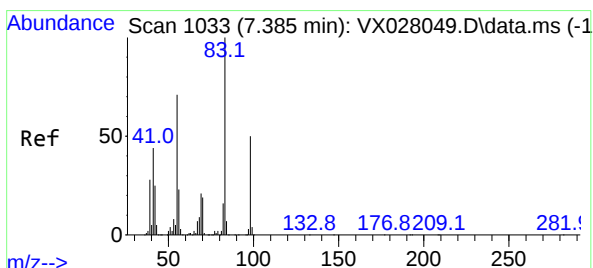
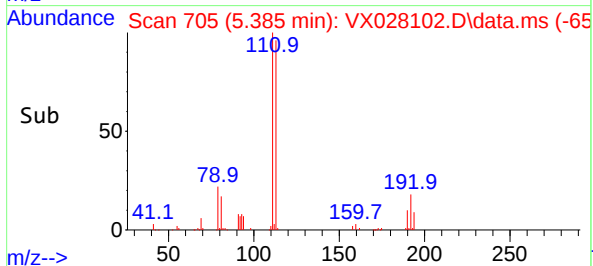
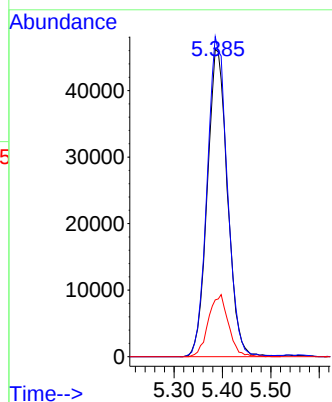
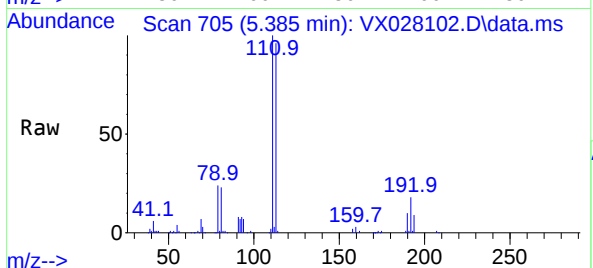
192 20.1 16.9 25.3

Manual Integrations

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Supervised By :Mahesh Dadoda 04/15/2022



#39

Methylcyclohexane

Concen: 50.852 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX028102.D

Acq: 14 Apr 2022 13:17

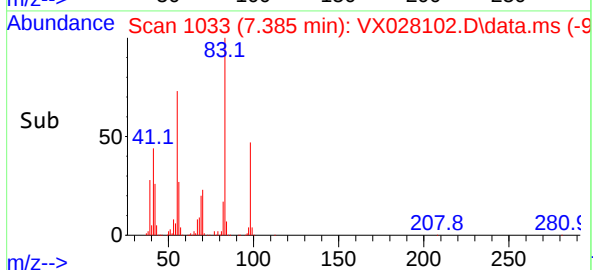
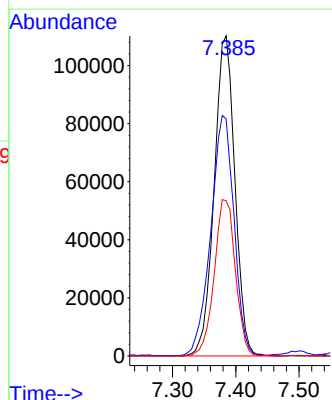
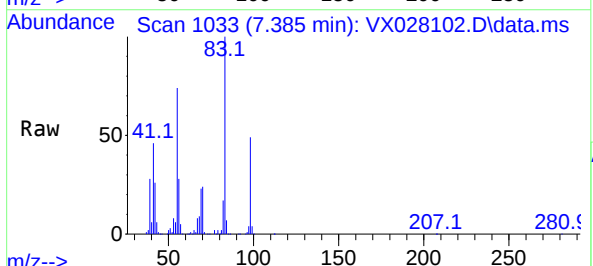
Tgt Ion: 83 Resp: 250365

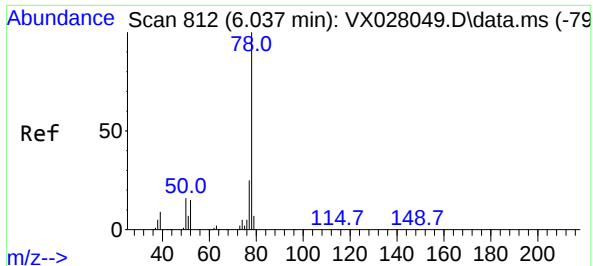
Ion Ratio Lower Upper

83 100

55 73.9 54.6 81.8

98 48.5 37.4 56.2





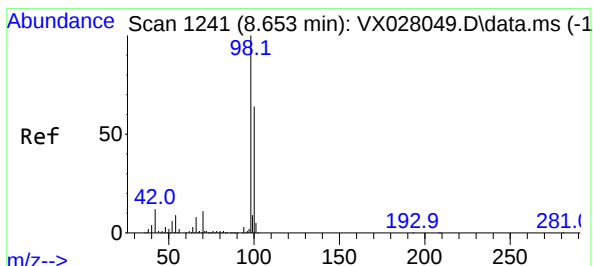
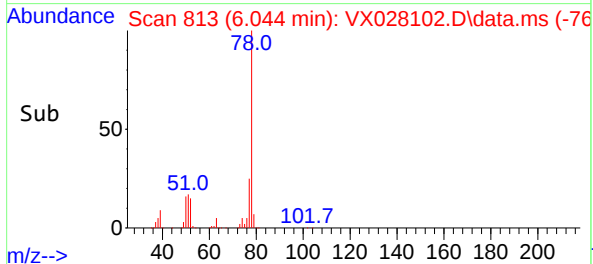
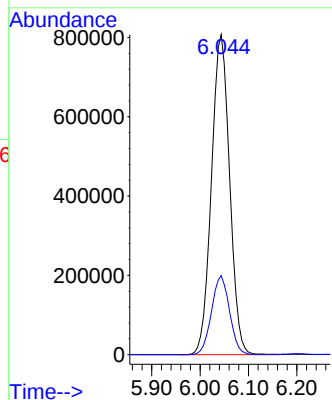
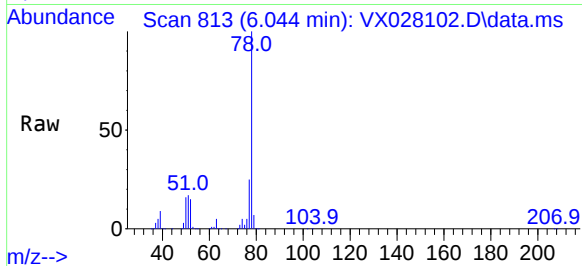
#40
Benzene
Concen: 173.805 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.007 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 78 Resp: 2104950
Ion Ratio Lower Upper
78 100
77 24.7 19.3 28.9

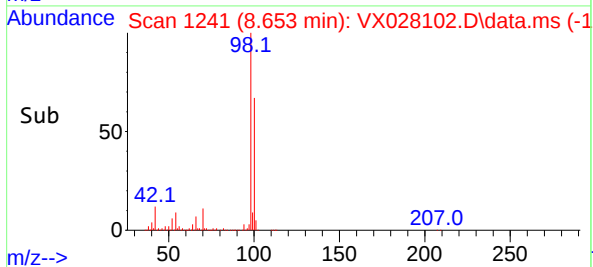
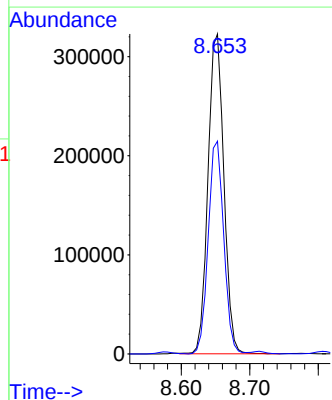
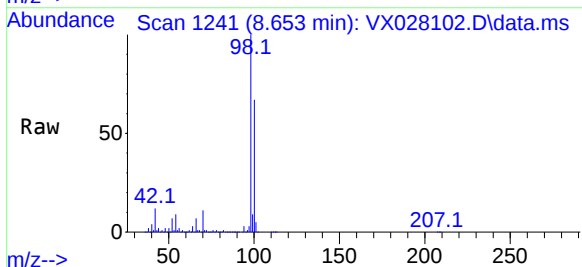
Manual Integrations
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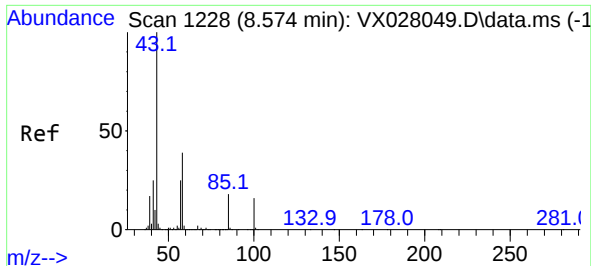
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022



#50
Toluene-d8
Concen: 51.031 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

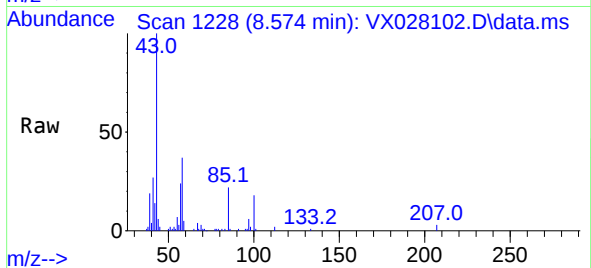
Tgt Ion: 98 Resp: 519374
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 3.789 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

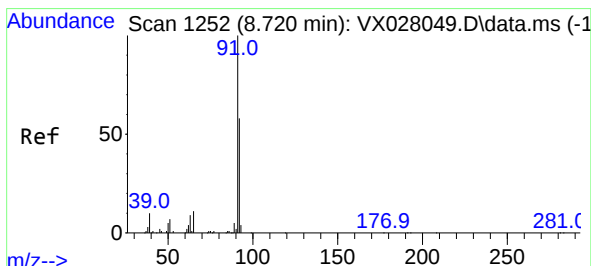
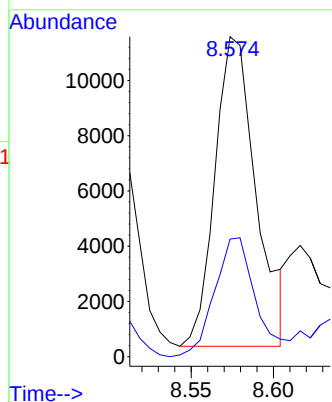
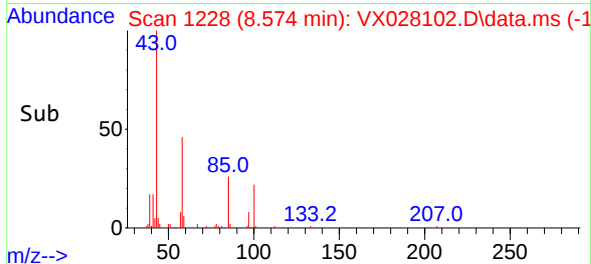
Instrument : MSVOA_X
Client Sample Id : MW-24



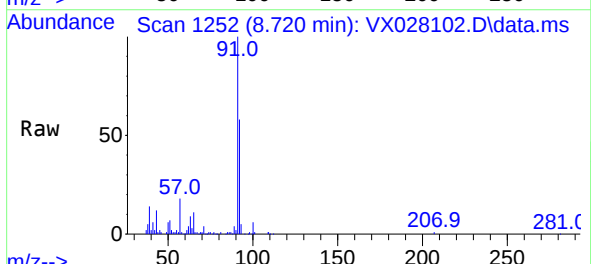
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Ion Ratio Lower Upper
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58 38.7 36.1 54.1

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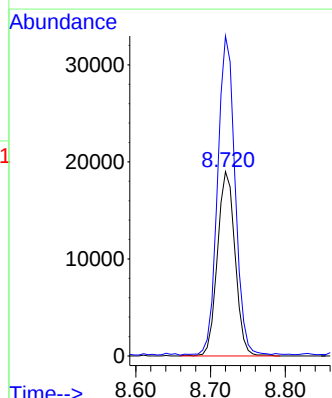
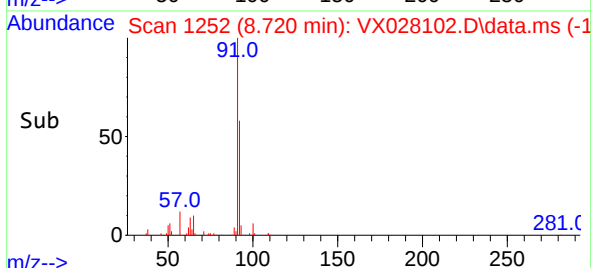
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

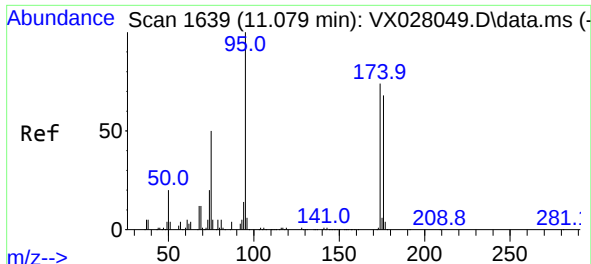


#52
Toluene
Concen: 3.850 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17



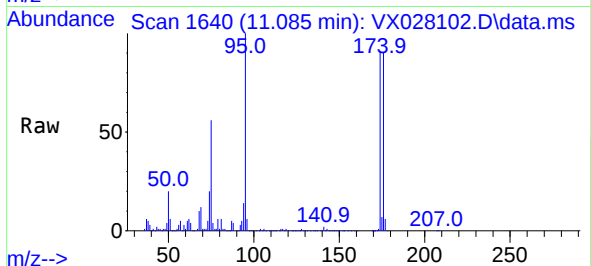
Tgt Ion: 92 Resp: 31104
Ion Ratio Lower Upper
92 100
91 170.4 137.5 206.3





#62
4-Bromofluorobenzene
Concen: 48.452 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

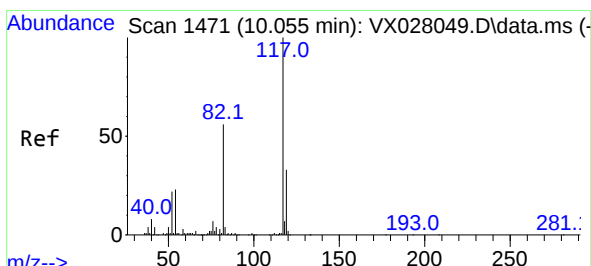
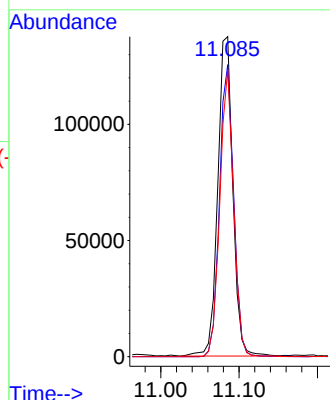
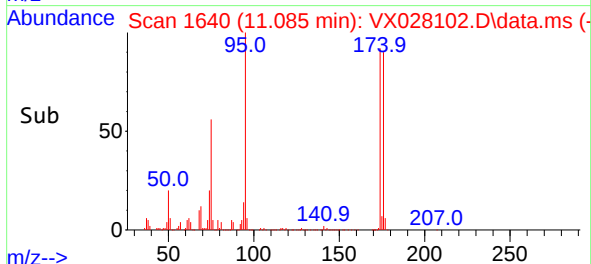
Instrument :
MSVOA_X
ClientSampleId :
MW-24



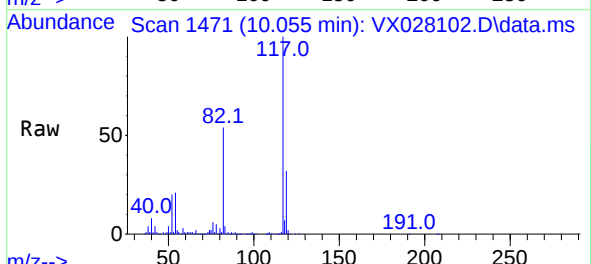
Tgt Ion: 95 Resp: 18412
Ion Ratio Lower Upper
95 100
174 86.0 0.0 163.0
176 82.1 0.0 155.0

Manual Integrations
APPROVED

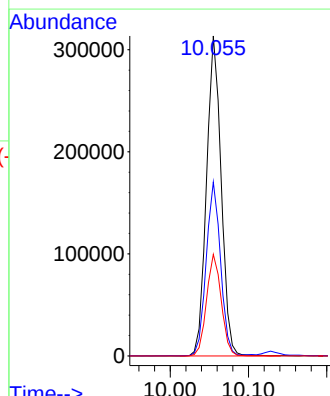
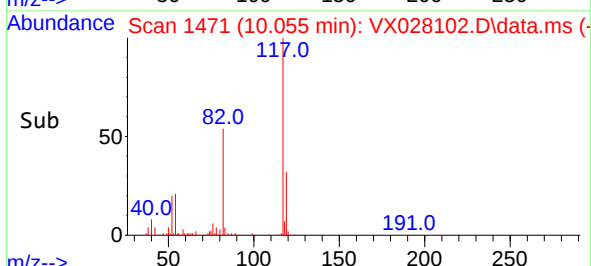
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

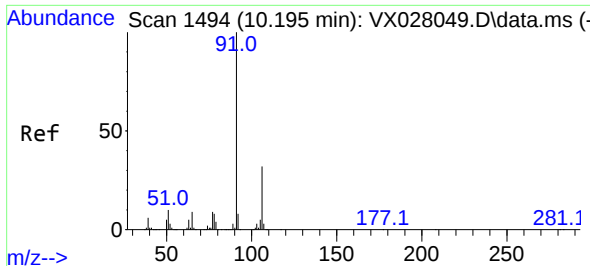


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17



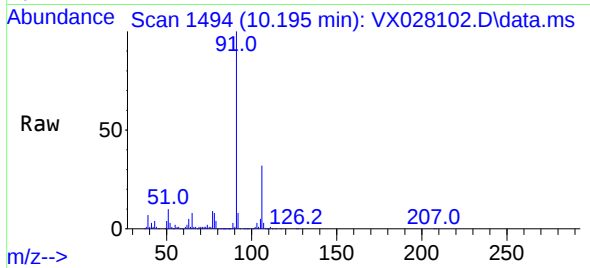
Tgt Ion:117 Resp: 405868
Ion Ratio Lower Upper
117 100
82 54.3 41.8 62.8
119 31.7 24.8 37.2





#67
Ethyl Benzene
Concen: 6.442 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

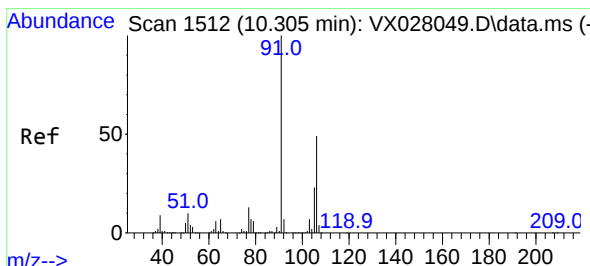
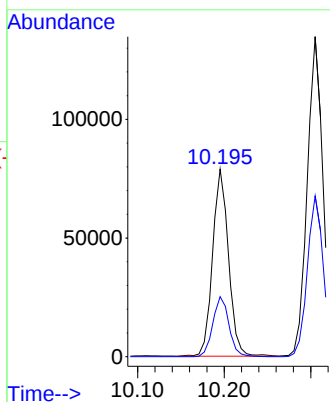
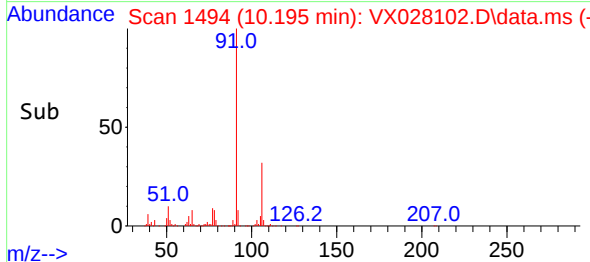
Instrument :
MSVOA_X
ClientSampleId :
MW-24



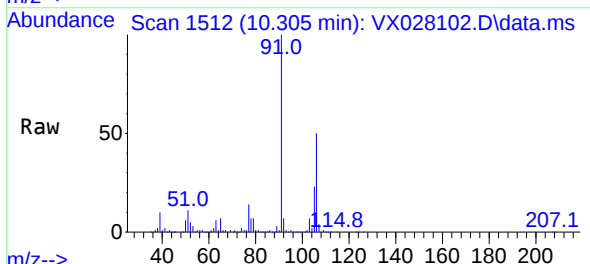
Tgt Ion: 91 Resp: 100458
Ion Ratio Lower Upper
91 100
106 32.1 24.6 36.8

Manual Integrations
APPROVED

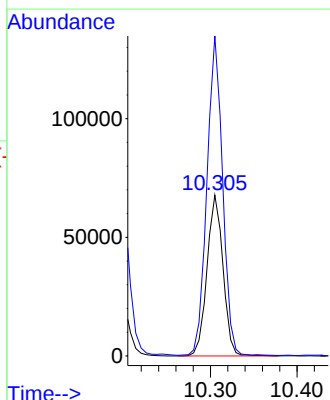
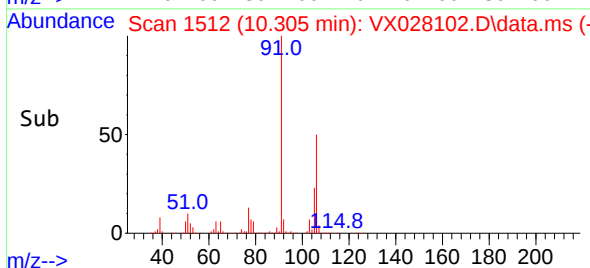
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

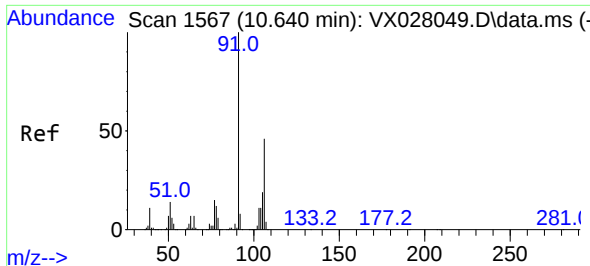


#68
m/p-Xylenes
Concen: 13.338 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17



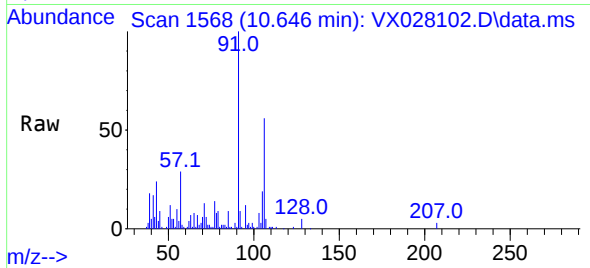
Tgt Ion:106 Resp: 86856
Ion Ratio Lower Upper
106 100
91 194.7 160.4 240.6





#69
o-Xylene
Concen: 1.442 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

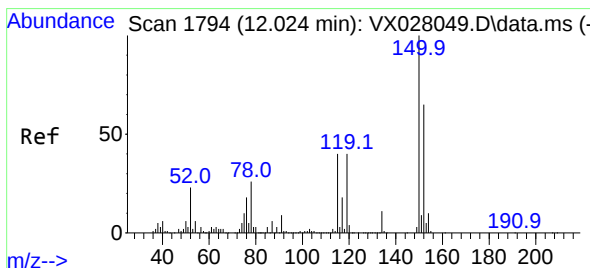
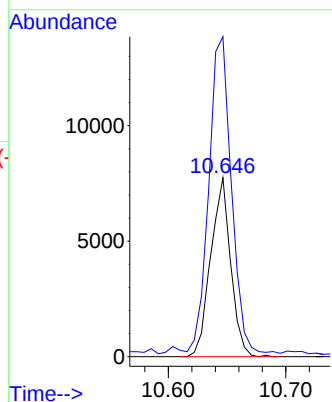
Instrument :
MSVOA_X
ClientSampleId :
MW-24



Tgt Ion:106 Resp: 9130
Ion Ratio Lower Upper
106 100
91 203.1 106.1 318.1

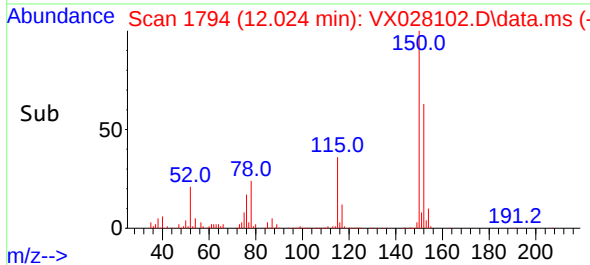
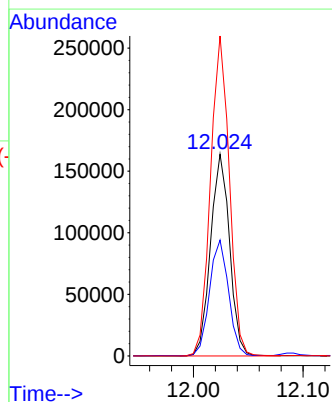
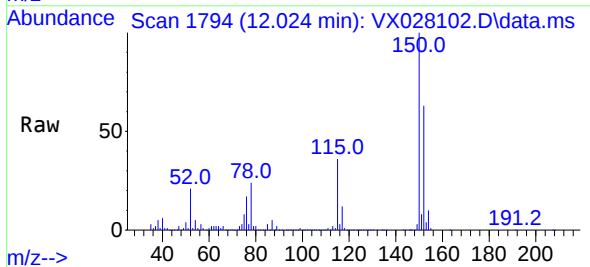
Manual Integrations
APPROVED

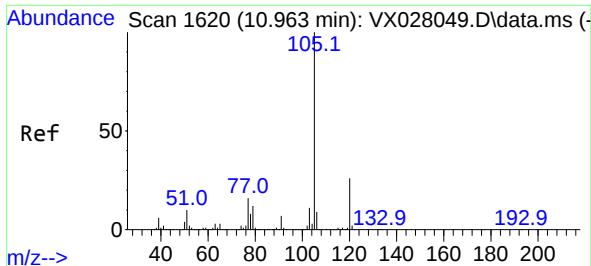
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

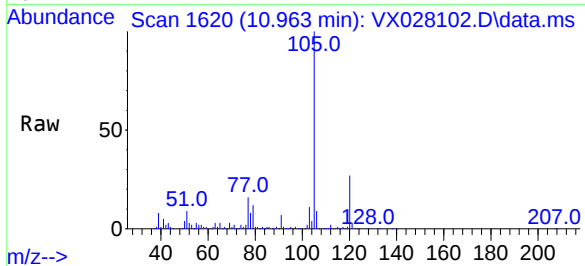
Tgt Ion:152 Resp: 197855
Ion Ratio Lower Upper
152 100
115 57.4 37.5 112.7
150 156.6 0.0 338.2





#73
Isopropylbenzene
Concen: 7.795 ug/l
RT: 10.963 min Scan# 10956
Delta R.T. 0.000 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

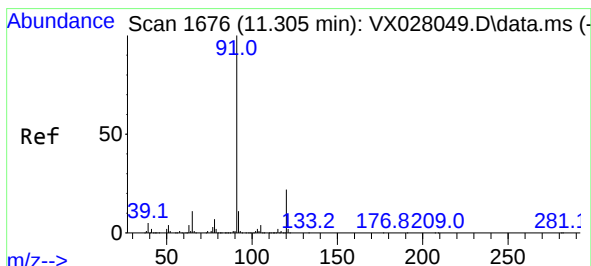
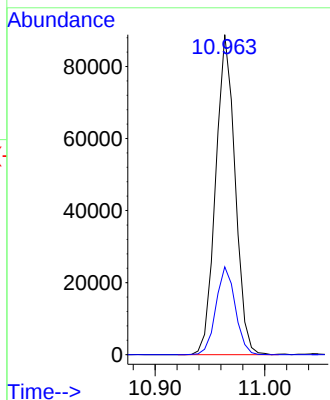
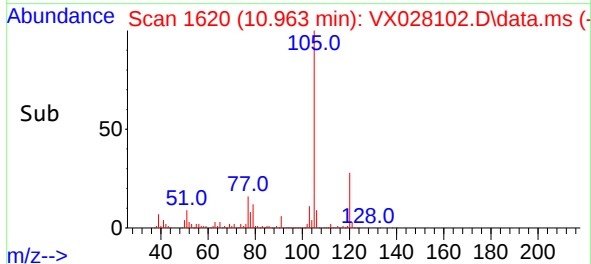
Instrument :
MSVOA_X
ClientSampleId :
MW-24



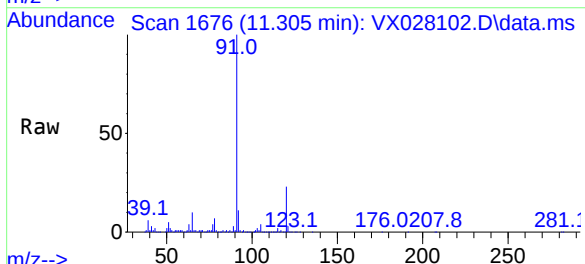
Tgt Ion: 105 Resp: 10956
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.5

Manual Integrations
APPROVED

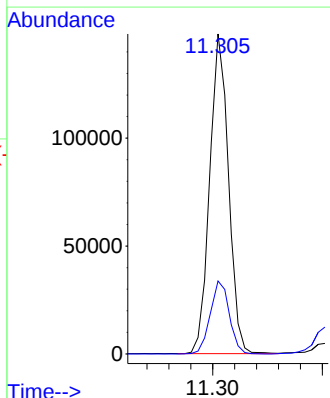
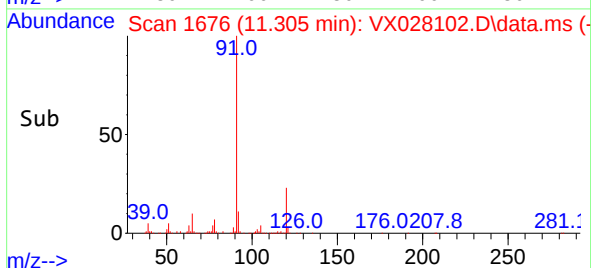
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

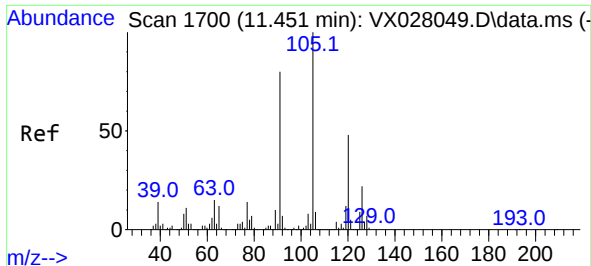


#78
n-propylbenzene
Concen: 10.806 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17



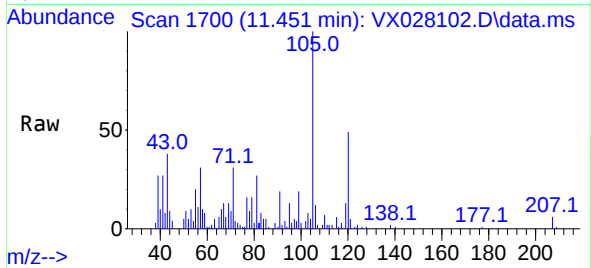
Tgt Ion: 91 Resp: 176525
Ion Ratio Lower Upper
91 100
120 23.1 11.6 34.8





#80
1,3,5-Trimethylbenzene
Concen: 0.639 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

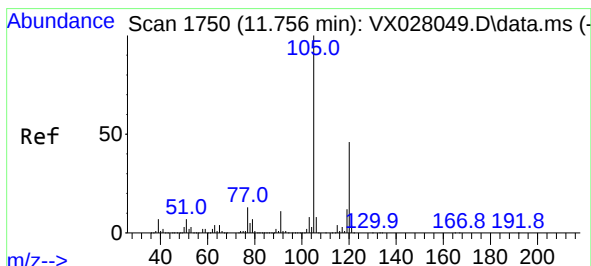
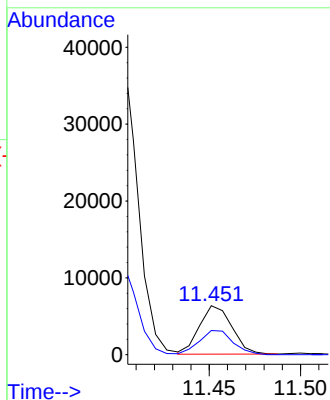
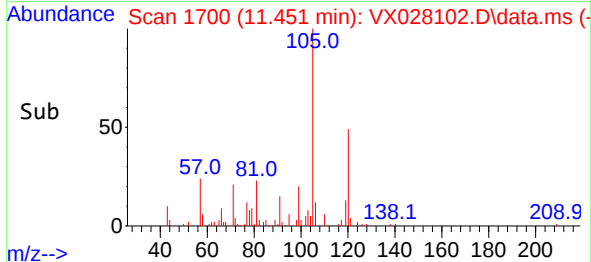
Instrument :
MSVOA_X
ClientSampleId :
MW-24



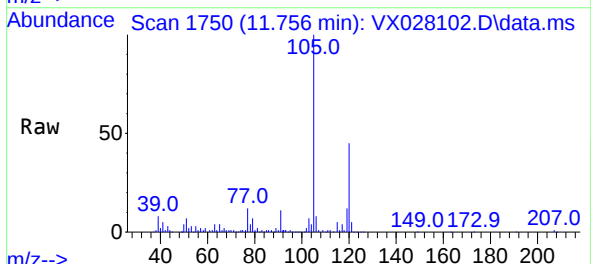
Tgt Ion:105 Resp: 7750
Ion Ratio Lower Upper
105 100
120 52.2 24.3 72.9

Manual Integrations
APPROVED

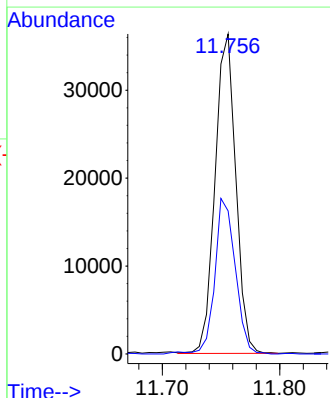
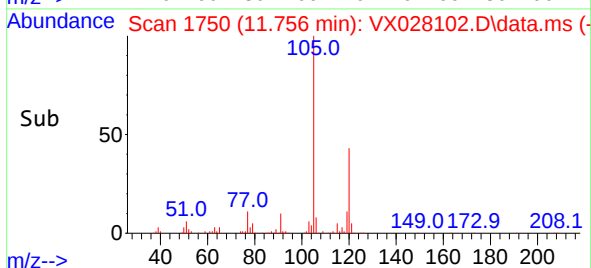
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

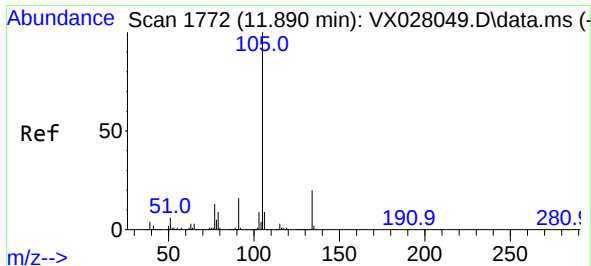


#84
1,2,4-Trimethylbenzene
Concen: 3.759 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17



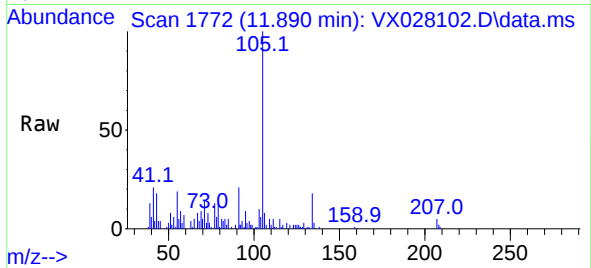
Tgt Ion:105 Resp: 44678
Ion Ratio Lower Upper
105 100
120 48.0 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 0.614 ug/l
 RT: 11.890 min Scan# 11772
 Delta R.T. 0.000 min
 Lab File: VX028102.D
 Acq: 14 Apr 2022 13:17

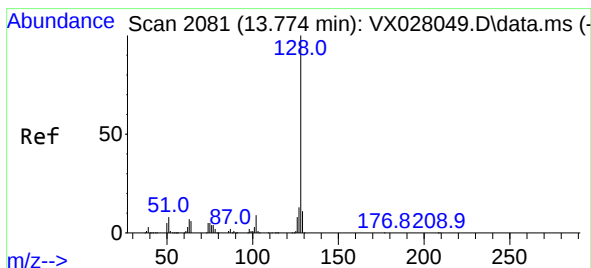
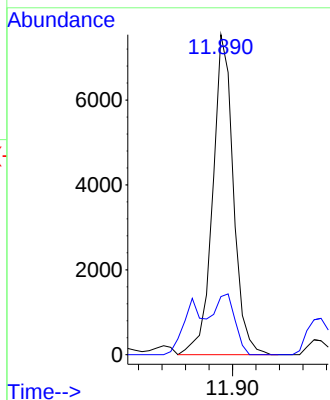
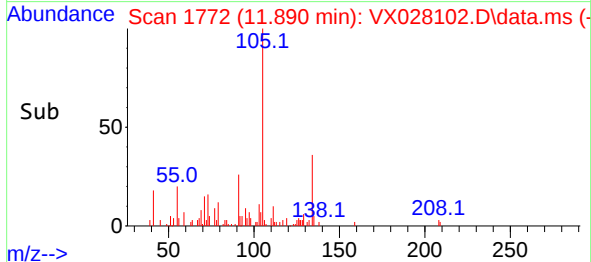
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24



Tgt Ion:105 Resp: 920
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.2 30.4

Manual Integrations
 APPROVED

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



#95
 Naphthalene
 Concen: 25.457 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.006 min
 Lab File: VX028102.D
 Acq: 14 Apr 2022 13:17

Tgt Ion:128 Resp: 332368
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.2 15.4
 129 11.4 8.7 13.1

