

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041422\
 Data File : VX028108.D
 Acq On : 14 Apr 2022 15:38
 Operator : JC/MD
 Sample : N2403-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-47

Quant Time: Apr 15 03:15:06 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	258815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	430752	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	413525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	306994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	167669	47.751	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 95.500%			
35) Dibromofluoromethane	5.391	113	143478	50.832	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.660%			
50) Toluene-d8	8.653	98	534500	50.774	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.540%			
62) 4-Bromofluorobenzene	11.085	95	247710	63.022	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 126.040%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.959	59	145660	178.712	ug/l	100
16) Acetone	2.380	43	9365	6.401	ug/l #	84
19) Methyl tert-butyl Ether	3.117	73	396829	41.362	ug/l #	44
22) Diisopropyl ether	3.764	45	5393m	0.556	ug/l	
25) 2-Butanone	4.574	43	2809	1.111	ug/l #	81
31) Cyclohexane	5.471	56	158891	32.910	ug/l #	95
39) Methylcyclohexane	7.385	83	131733	25.869	ug/l	94
40) Benzene	6.044	78	123197	9.835	ug/l	96
52) Toluene	8.720	92	110202	13.186	ug/l	99
67) Ethyl Benzene	10.201	91	11149736	701.722	ug/l #	61
68) m/p-Xylenes	10.305	106	5304694	799.525	ug/l	78
69) o-Xylene	10.646	106	1158797	179.672	ug/l	95
73) Isopropylbenzene	10.963	105	904361	41.468	ug/l	98
78) n-propylbenzene	11.305	91	2273775	89.709	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	1099614	58.369	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	4366778	236.757	ug/l	93
85) sec-Butylbenzene	11.890	105	175566	7.547	ug/l	99
86) p-Isopropyltoluene	12.012	119	48607m	2.466	ug/l	
89) n-Butylbenzene	12.335	91	240198	14.236	ug/l #	34
95) Naphthalene	13.780	128	5781279	285.382	ug/l	96

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

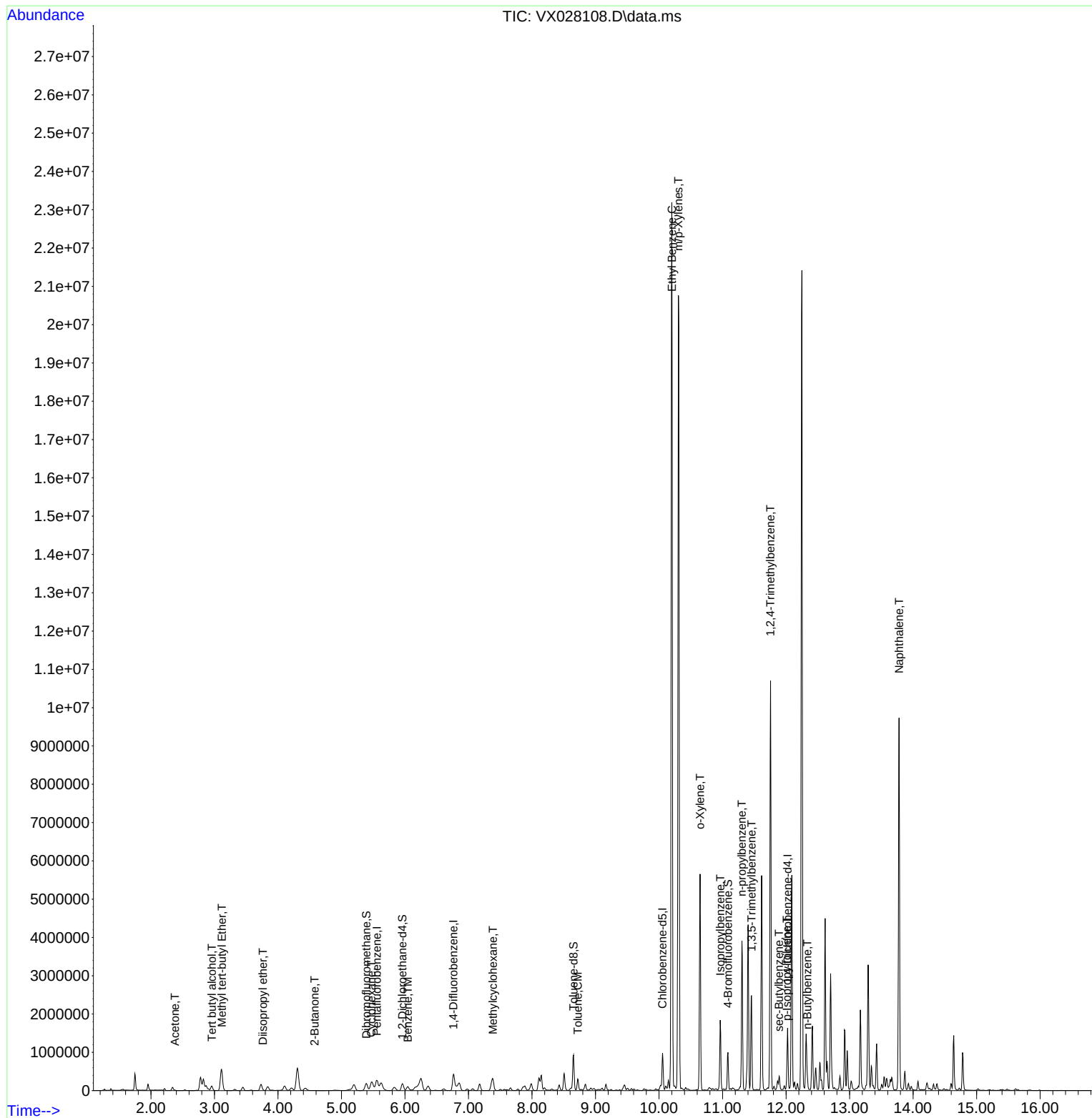
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041422\
Data File : VX028108.D
Acq On : 14 Apr 2022 15:38
Operator : JC/MD
Sample : N2403-07
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ALS Vial : 15 Sample Multiplier: 1

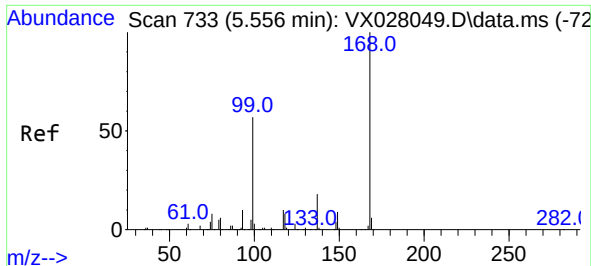
Instrument :
MSVOA_X
ClientSampleId :
MW-47

Quant Time: Apr 15 03:15:06 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

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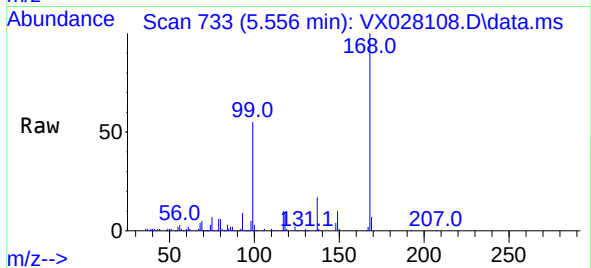
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028108.D
Acq: 14 Apr 2022 15:38

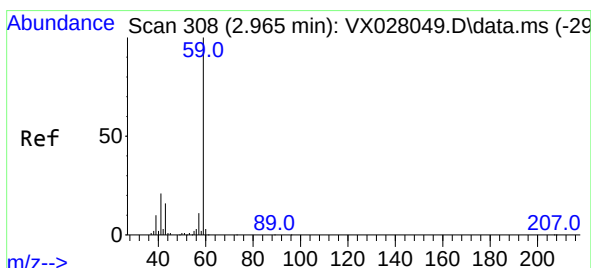
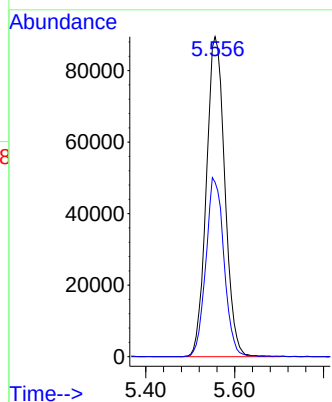
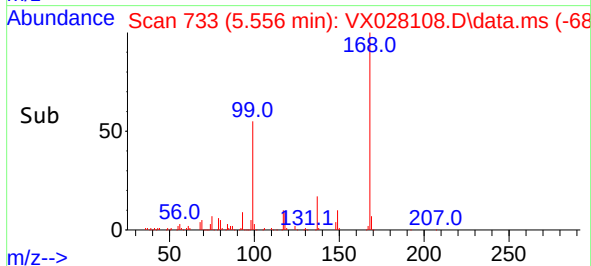
Instrument :
MSVOA_X
ClientSampleId :
MW-47



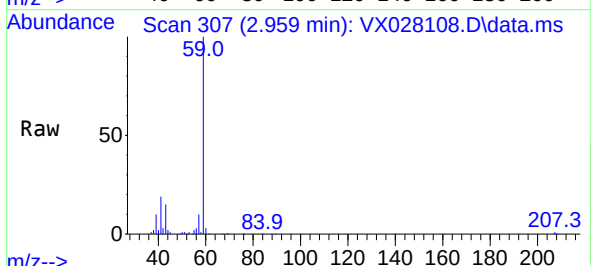
Tgt Ion:168 Resp: 25881
Ion Ratio Lower Upper
168 100
99 54.5 41.7 62.5

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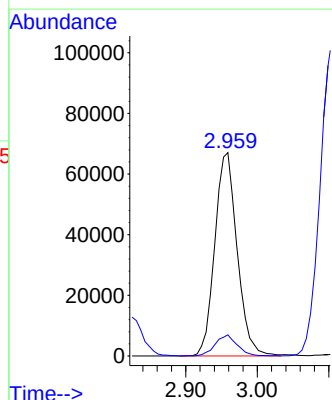
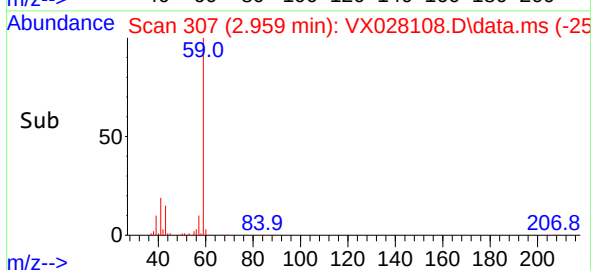
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

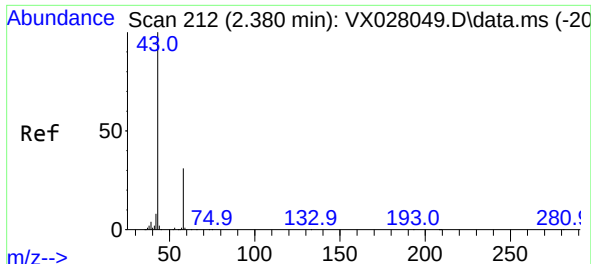


#11
Tert butyl alcohol
Concen: 178.712 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX028108.D
Acq: 14 Apr 2022 15:38



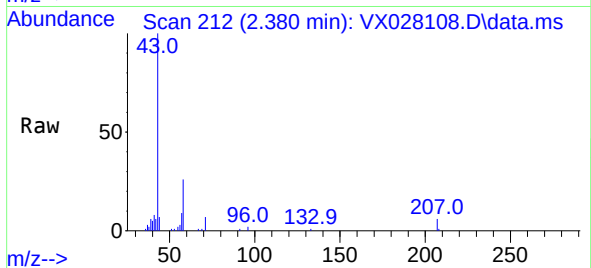
Tgt Ion: 59 Resp: 145660
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5





#16
Acetone
Concen: 6.401 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028108.D
Acq: 14 Apr 2022 15:38

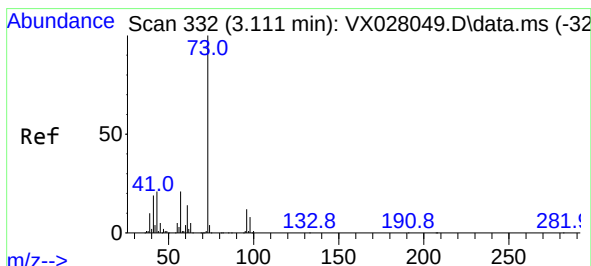
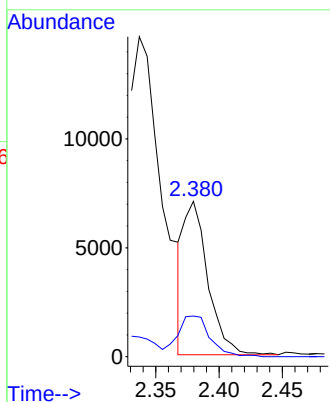
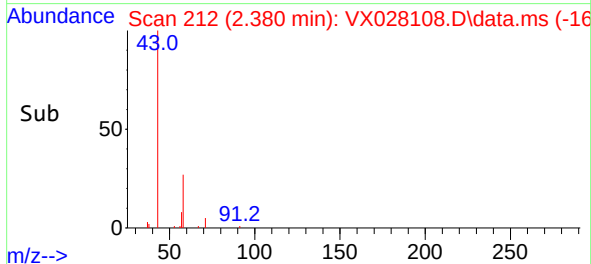
Instrument :
MSVOA_X
ClientSampleId :
MW-47



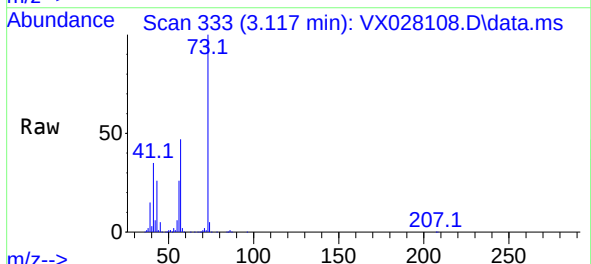
Tgt Ion: 43 Resp: 9368
Ion Ratio Lower Upper
43 100
58 26.4 28.8 43.2

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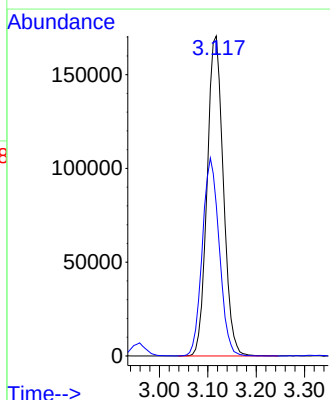
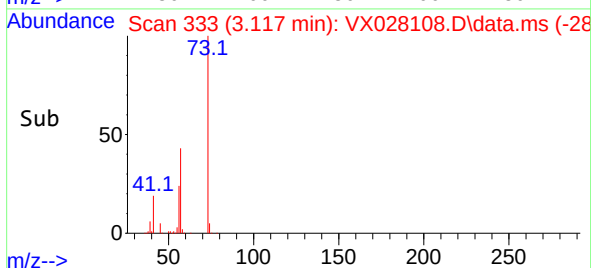
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

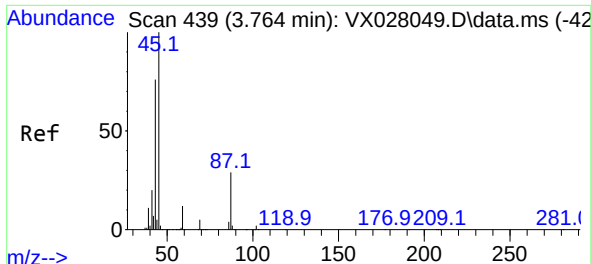


#19
Methyl tert-butyl Ether
Concen: 41.362 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX028108.D
Acq: 14 Apr 2022 15:38



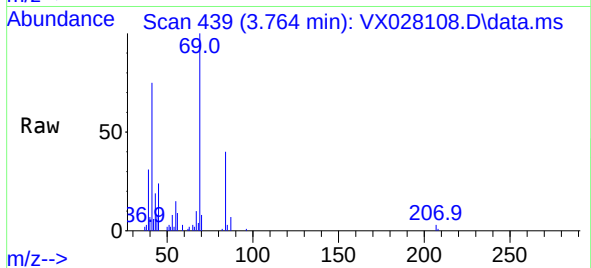
Tgt Ion: 73 Resp: 396829
Ion Ratio Lower Upper
73 100
57 47.1 16.8 25.2





#22
Diisopropyl ether
Concen: 0.556 ug/l m
RT: 3.764 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX028108.D
Acq: 14 Apr 2022 15:38

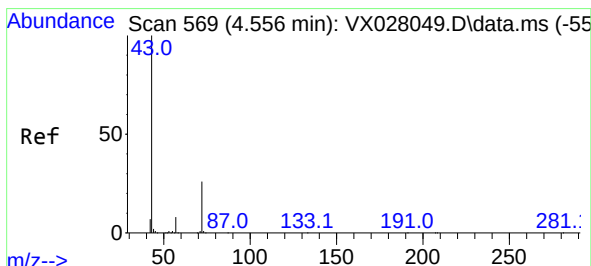
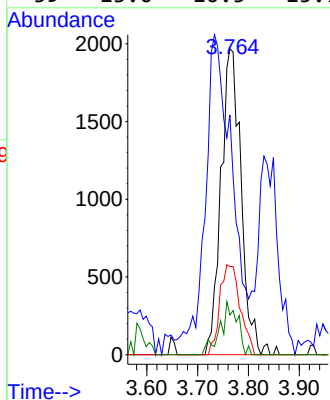
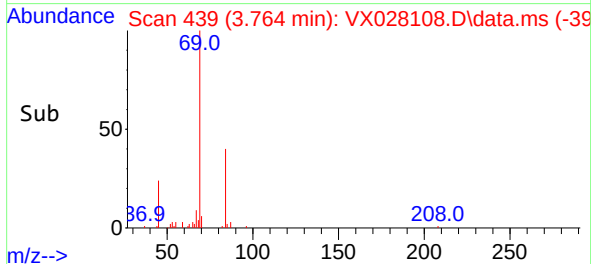
Instrument :
MSVOA_X
ClientSampleId :
MW-47



Tgt Ion:	45	Resp:	539
Ion	Ratio	Lower	Upper
45	100		
43	78.4	50.8	76.2
87	28.8	26.6	39.8
59	13.0	10.5	15.7

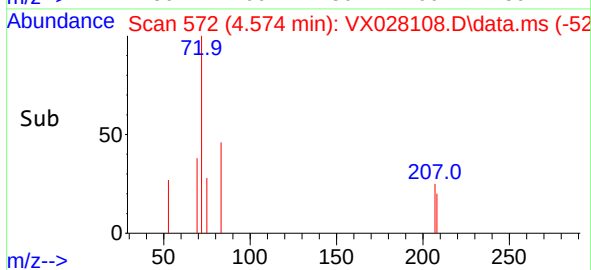
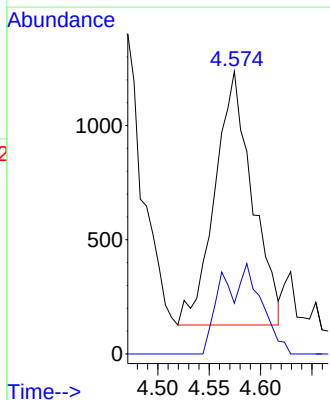
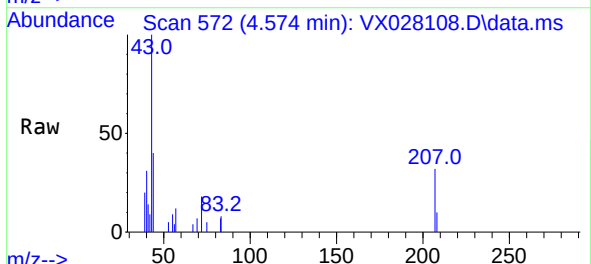
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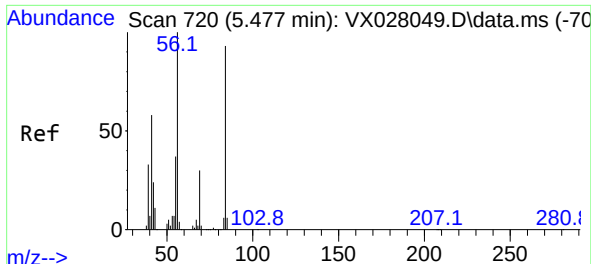
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022



#25
2-Butanone
Concen: 1.111 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX028108.D
Acq: 14 Apr 2022 15:38

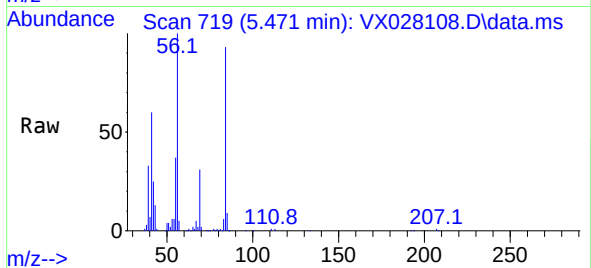
Tgt Ion:	43	Resp:	2809
Ion	Ratio	Lower	Upper
43	100		
72	20.0	24.4	36.6





#31
Cyclohexane
Concen: 32.910 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX028108.D
Acq: 14 Apr 2022 15:38

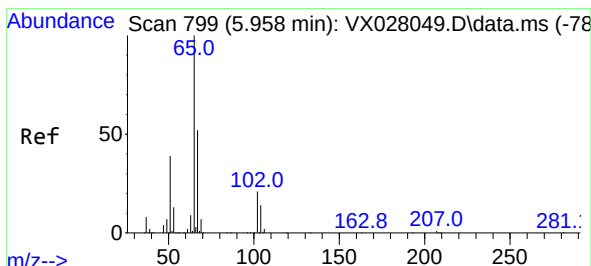
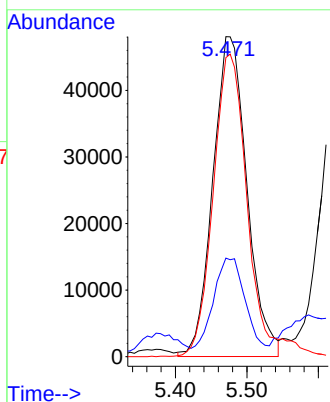
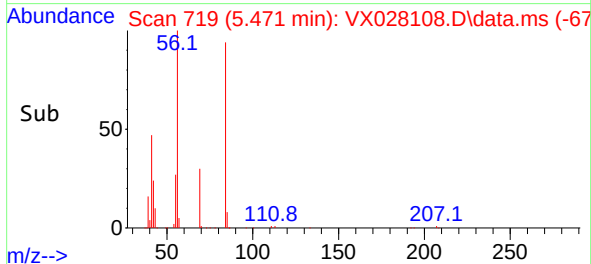
Instrument :
MSVOA_X
ClientSampleId :
MW-47



Tgt Ion: 56 Resp: 15889
Ion Ratio Lower Upper
56 100
69 25.9 26.7 40.1
84 94.5 77.2 115.8

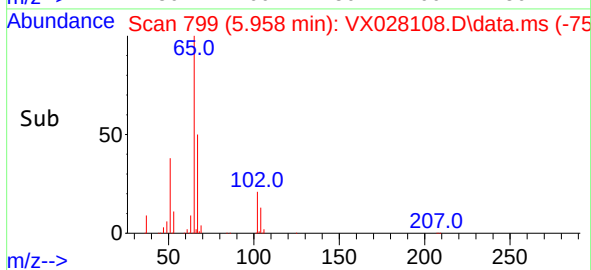
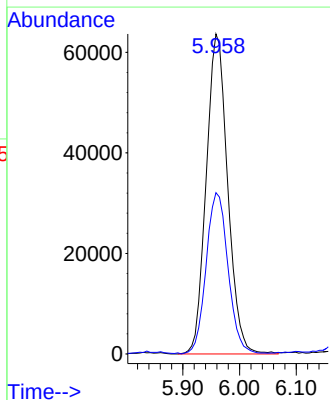
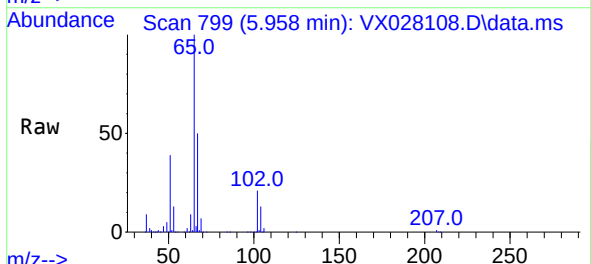
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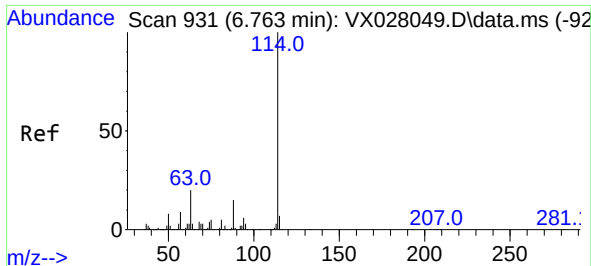
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022



#33
1,2-Dichloroethane-d4
Concen: 47.751 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028108.D
Acq: 14 Apr 2022 15:38

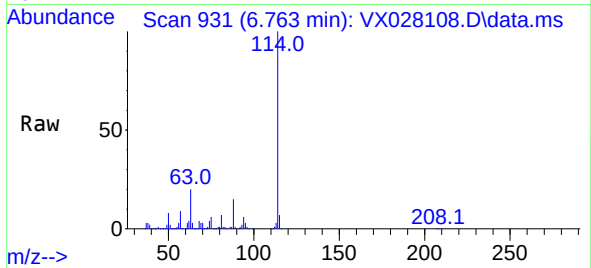
Tgt Ion: 65 Resp: 167669
Ion Ratio Lower Upper
65 100
67 51.5 0.0 107.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX028108.D
Acq: 14 Apr 2022 15:38

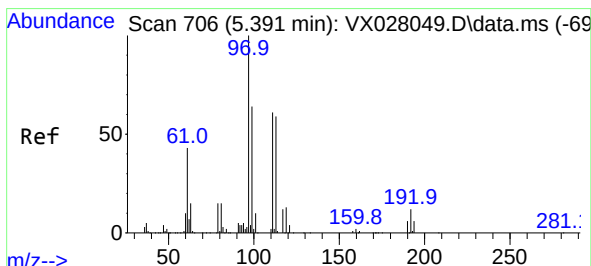
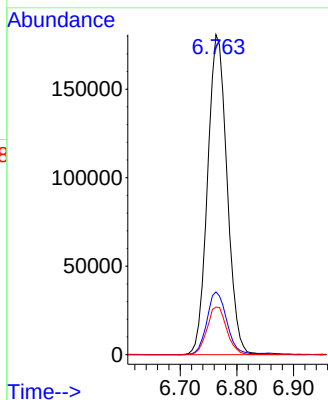
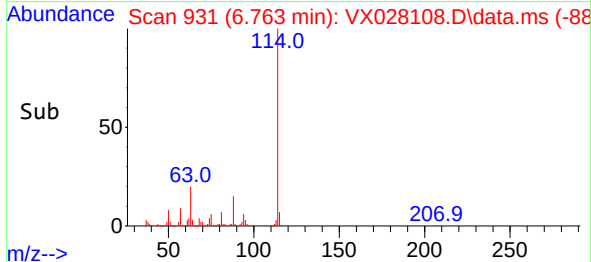
Instrument :
MSVOA_X
ClientSampleId :
MW-47



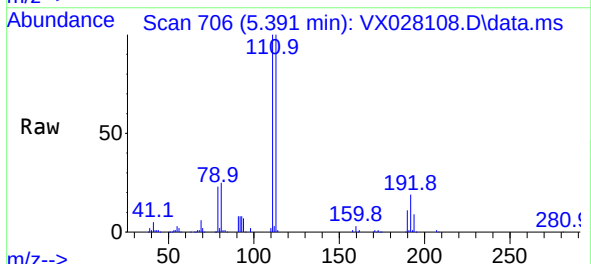
Tgt Ion:114 Resp: 430752
Ion Ratio Lower Upper
114 100
63 19.6 0.0 36.8
88 14.9 0.0 32.4

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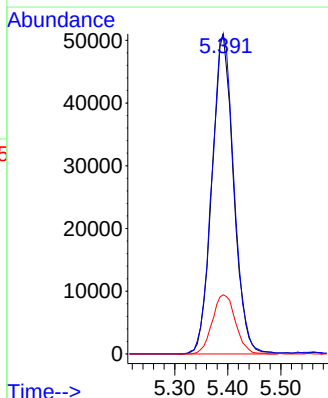
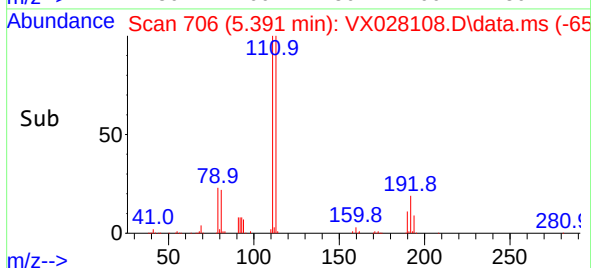
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

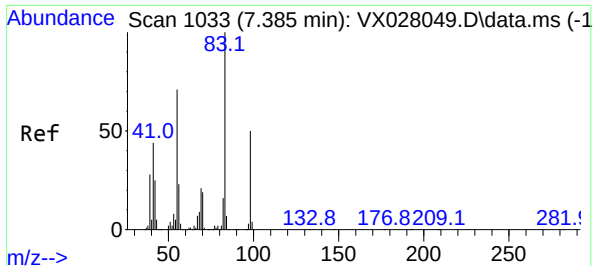


#35
Dibromofluoromethane
Concen: 50.832 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX028108.D
Acq: 14 Apr 2022 15:38



Tgt Ion:113 Resp: 143478
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 19.9 16.9 25.3





#39

Methylcyclohexane

Concen: 25.869 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX028108.D

Acq: 14 Apr 2022 15:38

Instrument :

MSVOA_X

ClientSampleId :

MW-47

Tgt Ion: 83 Resp: 13173

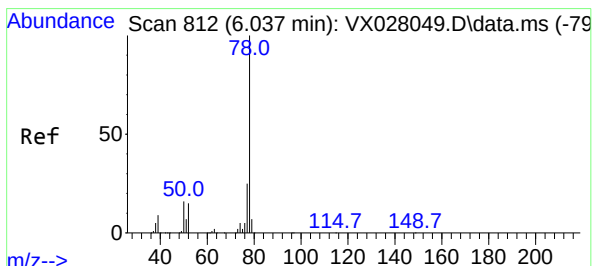
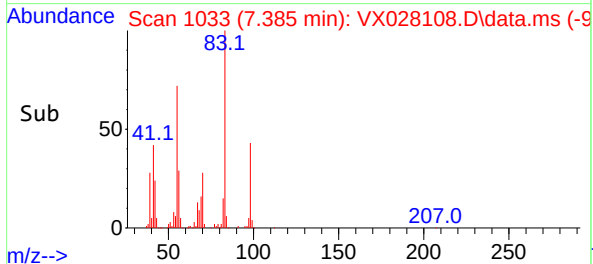
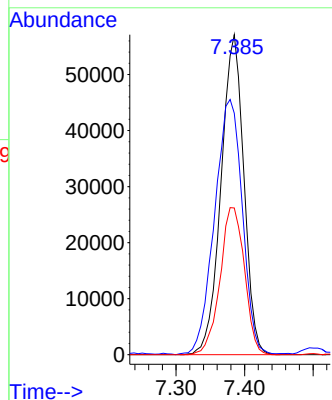
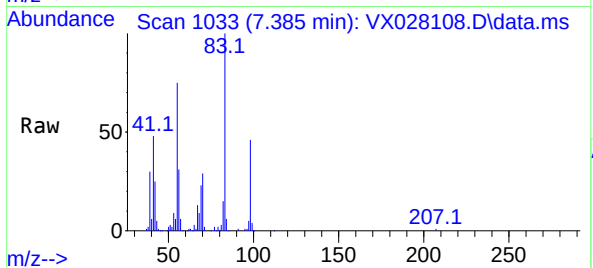
Ion	Ratio	Lower	Upper
83	100		
55	75.1	54.6	81.8
98	45.9	37.4	56.2

Manual Integrations

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Reviewed By :Krupa Patel 04/15/2022

Supervised By :Mahesh Dadoda 04/15/2022



#40

Benzene

Concen: 9.835 ug/l

RT: 6.044 min Scan# 813

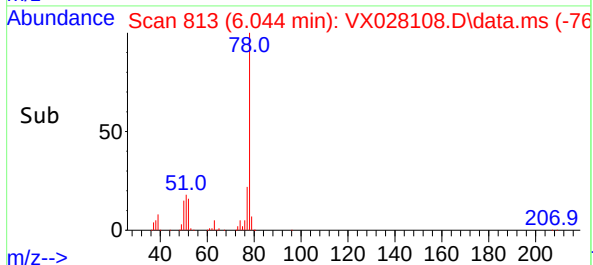
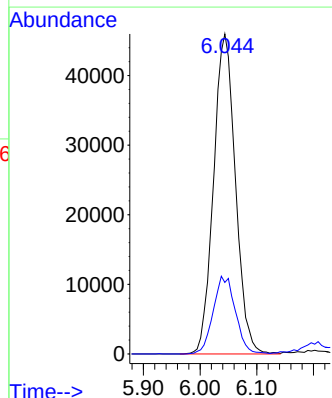
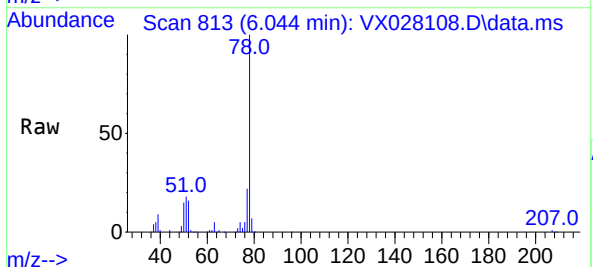
Delta R.T. 0.007 min

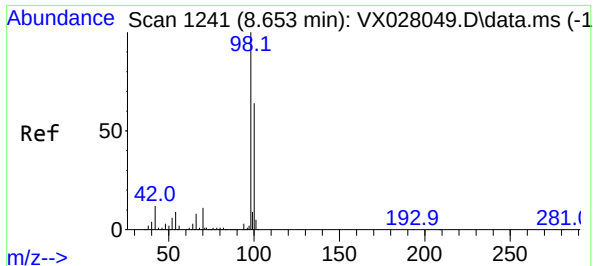
Lab File: VX028108.D

Acq: 14 Apr 2022 15:38

Tgt Ion: 78 Resp: 123197

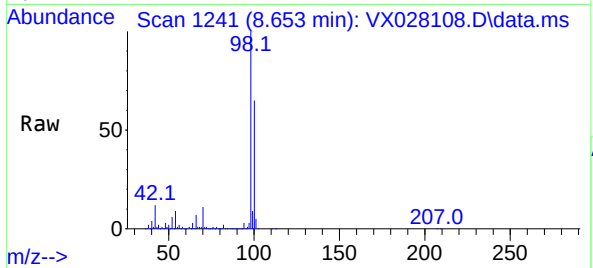
Ion	Ratio	Lower	Upper
78	100		
77	22.4	19.3	28.9





#50
Toluene-d8
Concen: 50.774 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028108.D
Acq: 14 Apr 2022 15:38

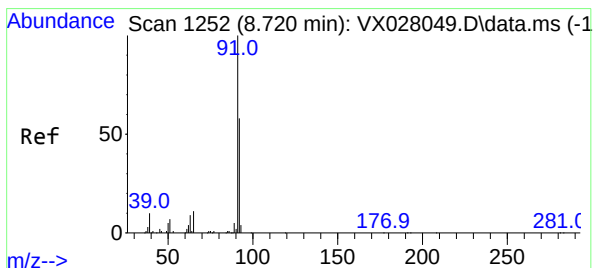
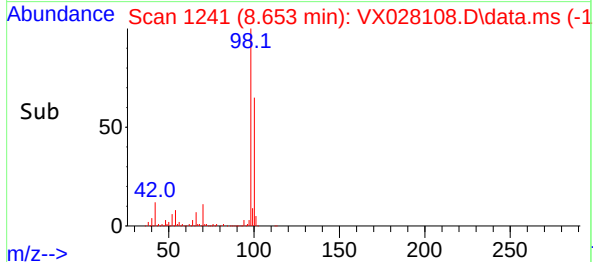
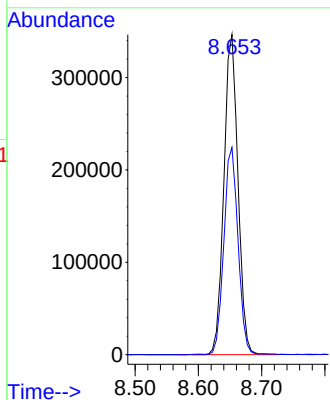
Instrument :
MSVOA_X
ClientSampleId :
MW-47



Tgt Ion: 98 Resp: 534500
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8

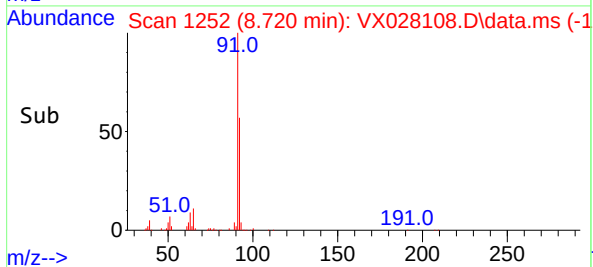
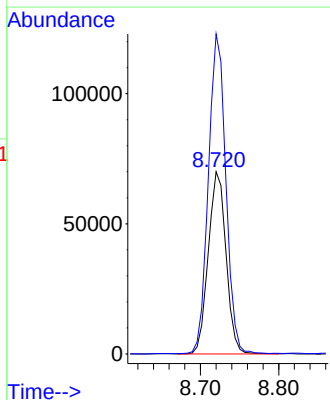
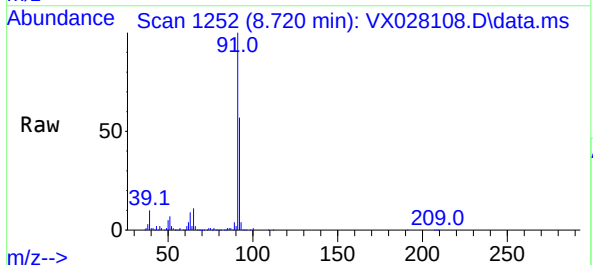
Manual Integrations
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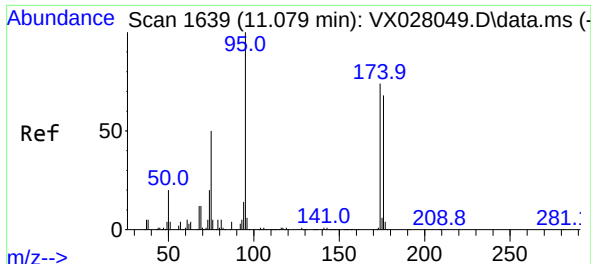
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022



#52
Toluene
Concen: 13.186 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028108.D
Acq: 14 Apr 2022 15:38

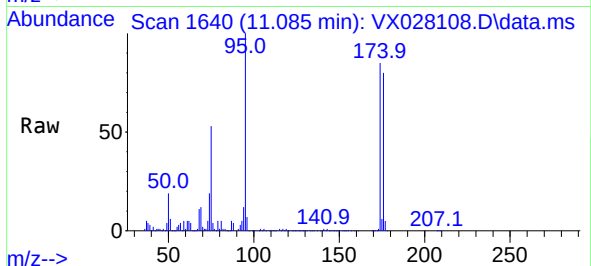
Tgt Ion: 92 Resp: 110202
Ion Ratio Lower Upper
92 100
91 172.6 137.5 206.3





#62
4-Bromofluorobenzene
Concen: 63.022 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028108.D
Acq: 14 Apr 2022 15:38

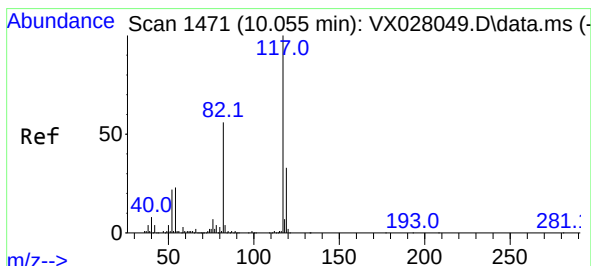
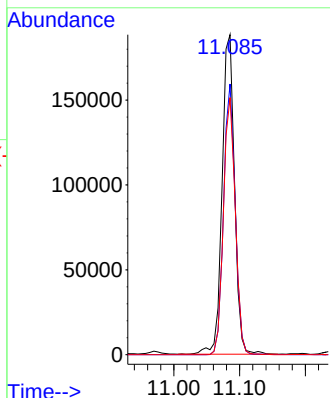
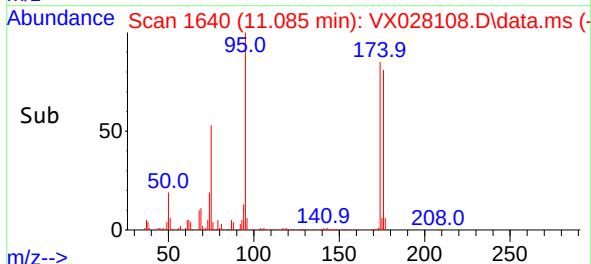
Instrument :
MSVOA_X
ClientSampleId :
MW-47



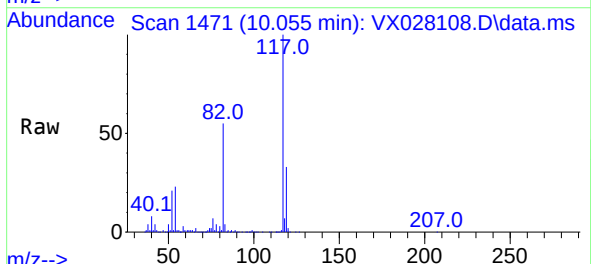
Tgt Ion: 95 Resp: 247710
Ion Ratio Lower Upper
95 100
174 78.9 0.0 163.0
176 76.9 0.0 155.0

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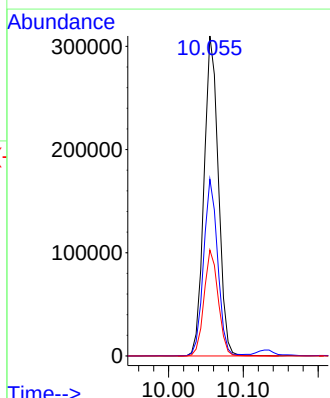
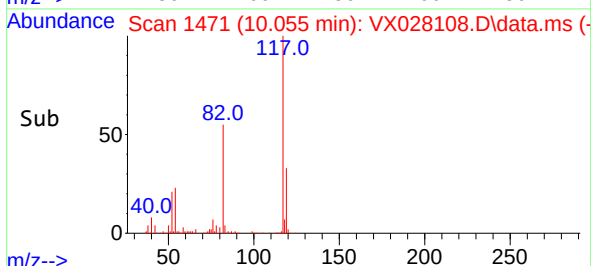
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

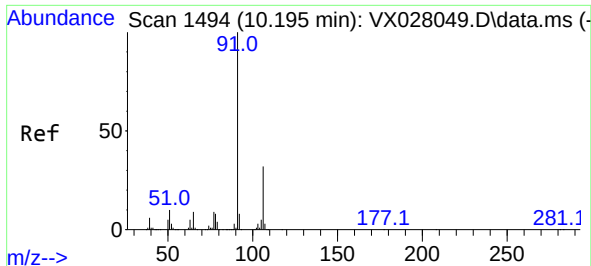


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028108.D
Acq: 14 Apr 2022 15:38



Tgt Ion:117 Resp: 413525
Ion Ratio Lower Upper
117 100
82 55.2 41.8 62.8
119 33.1 24.8 37.2





#67

Ethyl Benzene

Concen: 701.722 ug/l

RT: 10.201 min Scan# 1495

Delta R.T. 0.006 min

Lab File: VX028108.D

Acq: 14 Apr 2022 15:38

Instrument :

MSVOA_X

ClientSampleId :

MW-47

Tgt Ion: 91 Resp:11149730

Ion Ratio Lower Upper

91 100

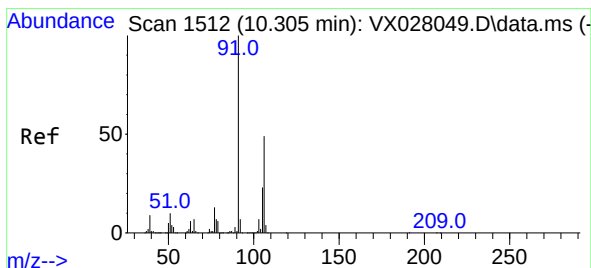
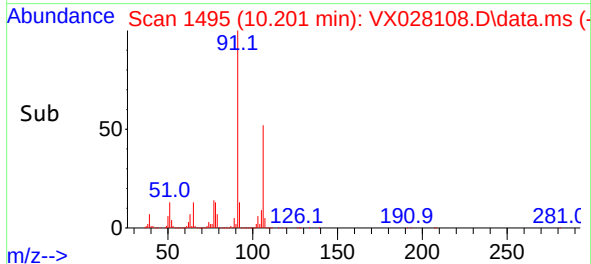
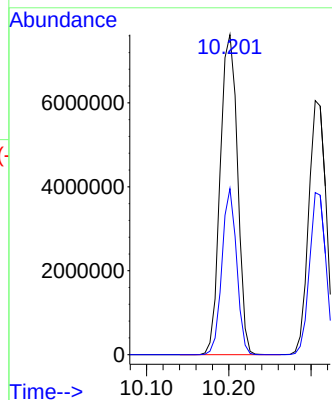
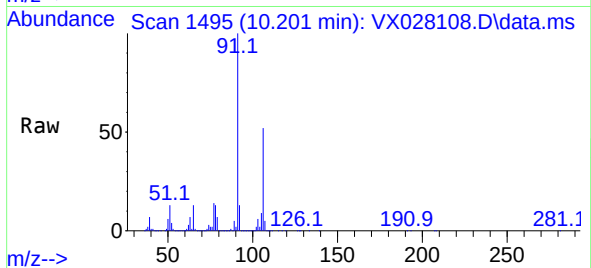
106 51.9 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/15/2022

Supervised By :Mahesh Dadoda 04/15/2022



#68

m/p-Xylenes

Concen: 799.525 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX028108.D

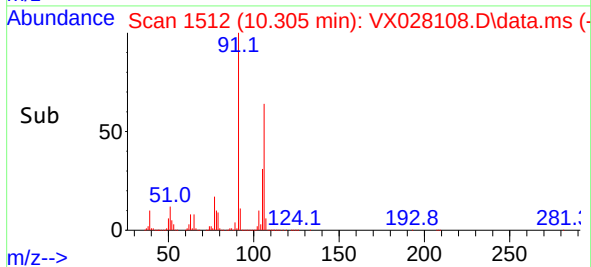
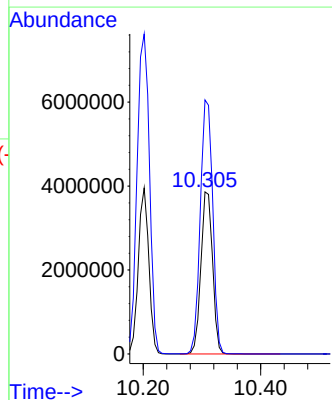
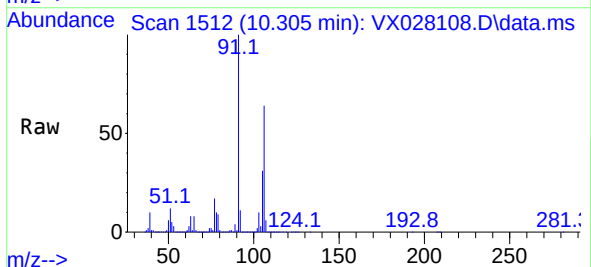
Acq: 14 Apr 2022 15:38

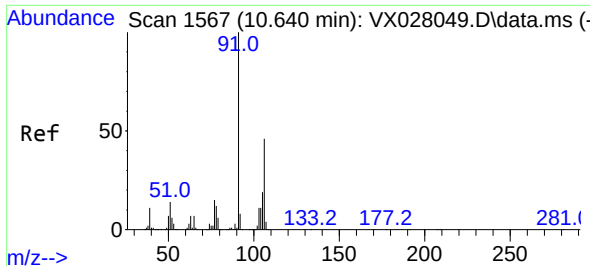
Tgt Ion:106 Resp: 5304694

Ion Ratio Lower Upper

106 100

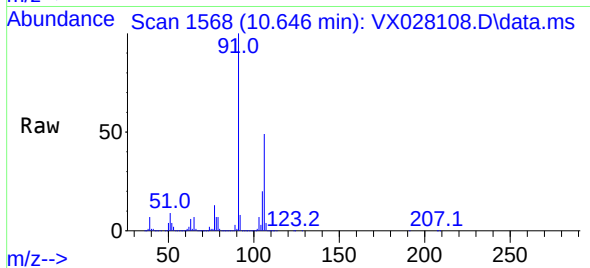
91 167.0 160.4 240.6





#69
o-Xylene
Concen: 179.672 ug/l
RT: 10.646 min Scan# 115879
Delta R.T. 0.006 min
Lab File: VX028108.D
Acq: 14 Apr 2022 15:38

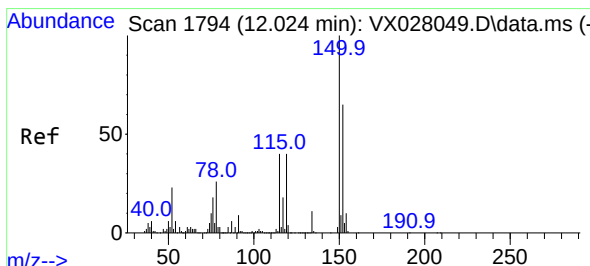
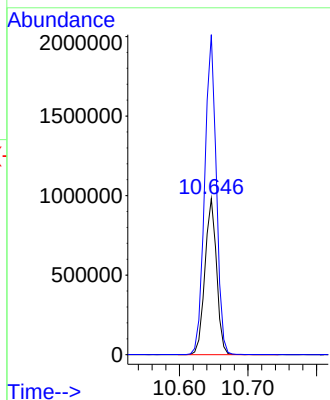
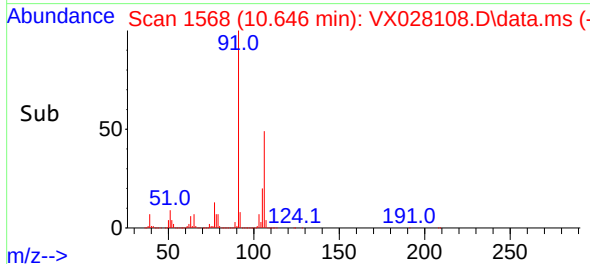
Instrument :
MSVOA_X
ClientSampleId :
MW-47



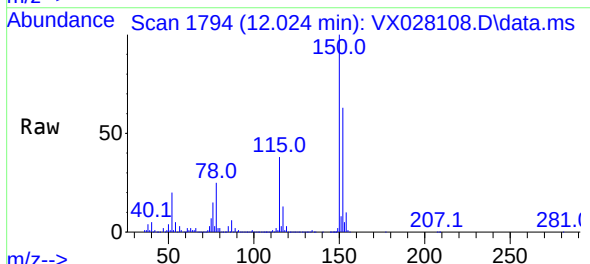
Tgt Ion:106 Resp: 115879
Ion Ratio Lower Upper
106 100
91 205.0 106.1 318.1

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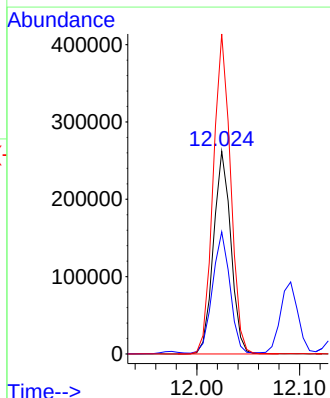
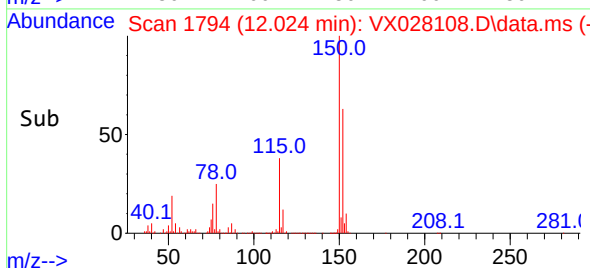
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

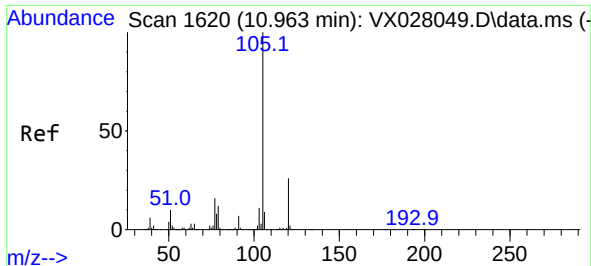


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028108.D
Acq: 14 Apr 2022 15:38



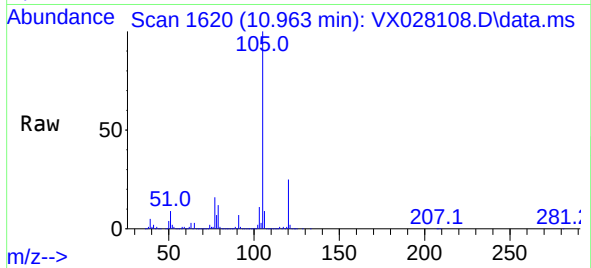
Tgt Ion:152 Resp: 306994
Ion Ratio Lower Upper
152 100
115 59.8 37.5 112.7
150 157.9 0.0 338.2





#73
Isopropylbenzene
Concen: 41.468 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028108.D
Acq: 14 Apr 2022 15:38

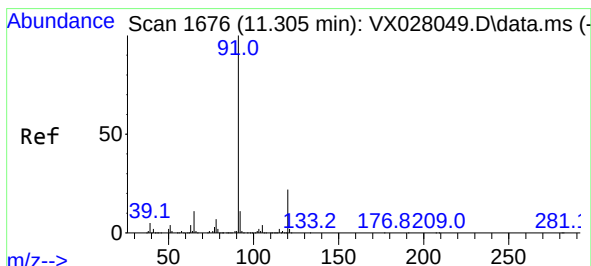
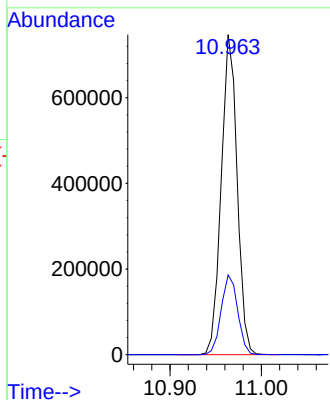
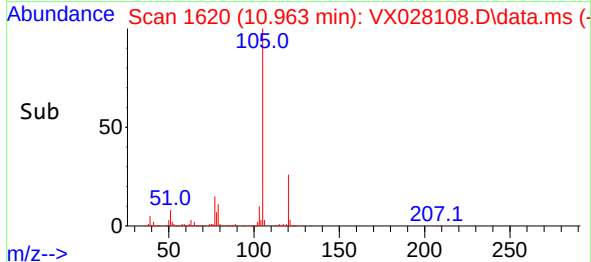
Instrument :
MSVOA_X
ClientSampleId :
MW-47



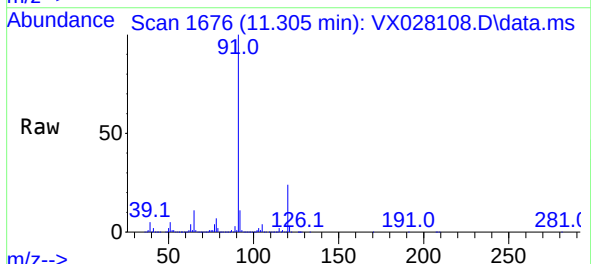
Tgt Ion: 105 Resp: 90436
Ion Ratio Lower Upper
105 100
120 25.9 13.5 40.5

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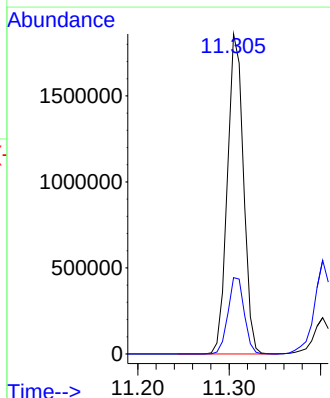
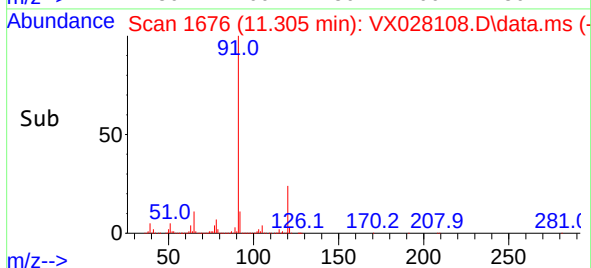
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

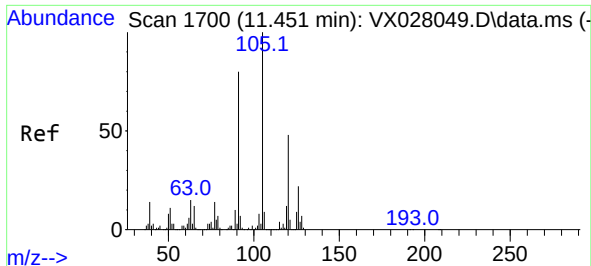


#78
n-propylbenzene
Concen: 89.709 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX028108.D
Acq: 14 Apr 2022 15:38



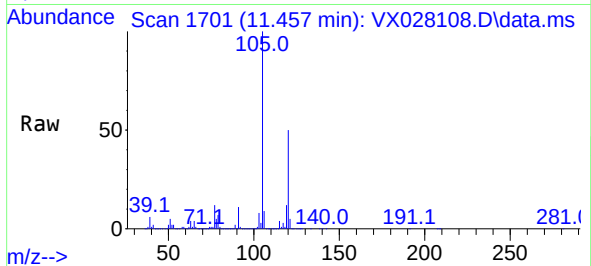
Tgt Ion: 91 Resp: 2273775
Ion Ratio Lower Upper
91 100
120 24.1 11.6 34.8





#80
1,3,5-Trimethylbenzene
Concen: 58.369 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX028108.D
Acq: 14 Apr 2022 15:38

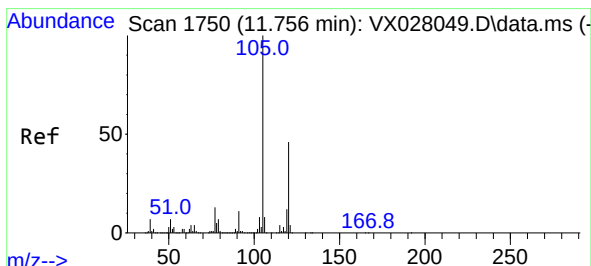
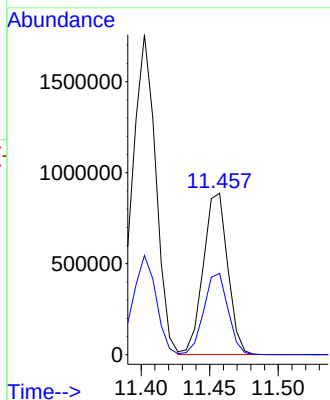
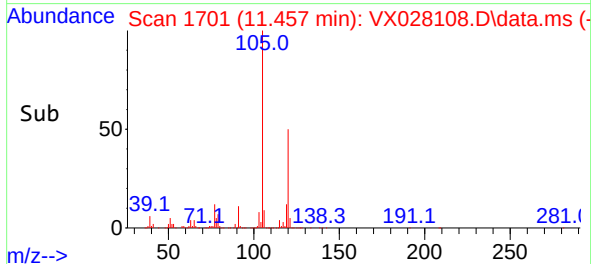
Instrument :
MSVOA_X
ClientSampleId :
MW-47



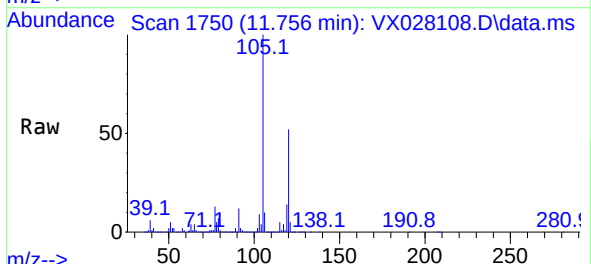
Tgt Ion:105 Resp: 1099614
Ion Ratio Lower Upper
105 100
120 50.0 24.3 72.9

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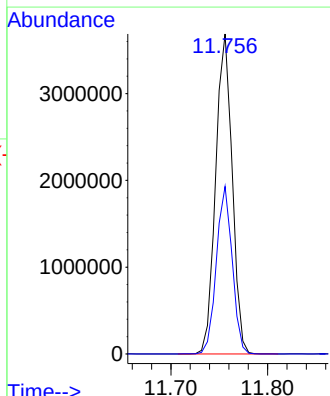
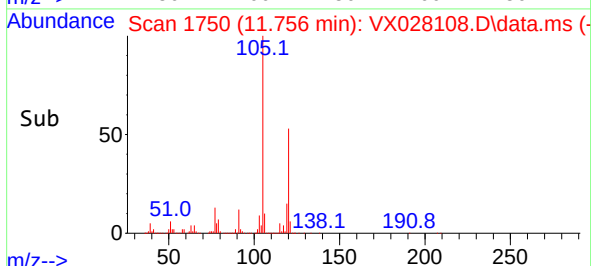
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

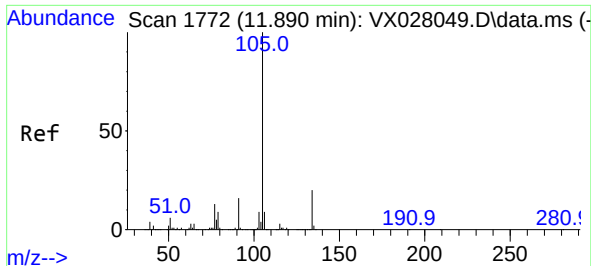


#84
1,2,4-Trimethylbenzene
Concen: 236.757 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX028108.D
Acq: 14 Apr 2022 15:38



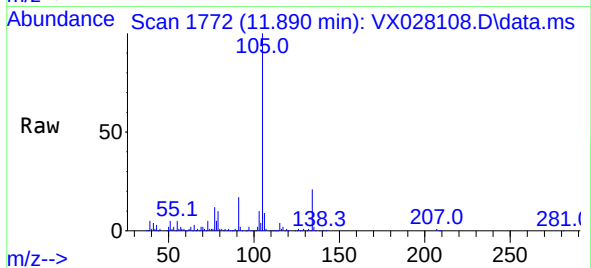
Tgt Ion:105 Resp: 4366778
Ion Ratio Lower Upper
105 100
120 50.1 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 7.547 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX028108.D
 Acq: 14 Apr 2022 15:38

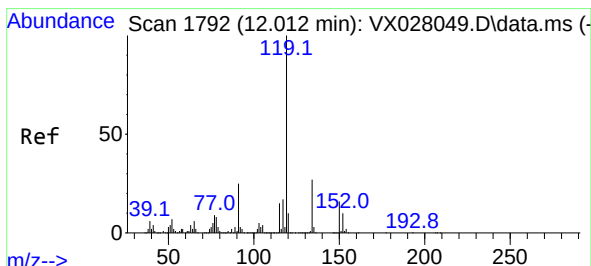
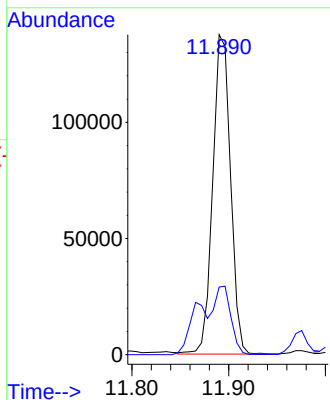
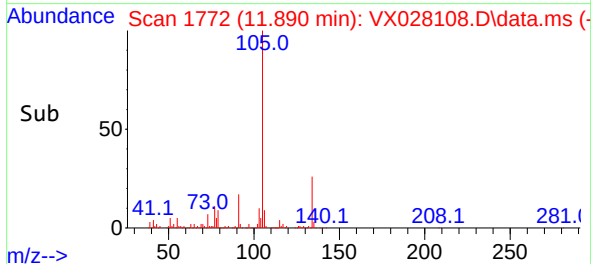
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-47



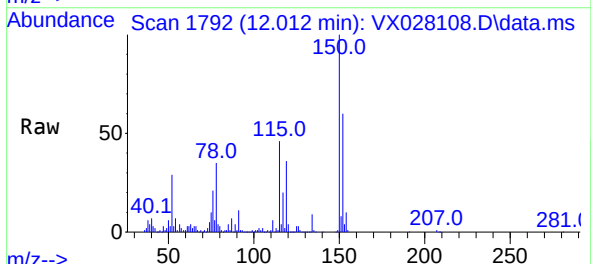
Tgt Ion:105 Resp: 17556
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.2 30.4

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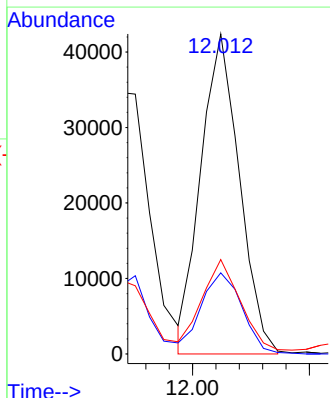
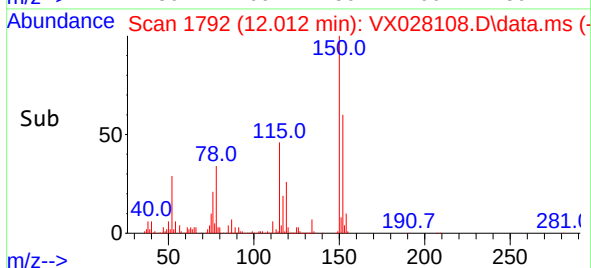
Reviewed By :Krupa Patel 04/15/2022
 Supervised By :Mahesh Dadoda 04/15/2022

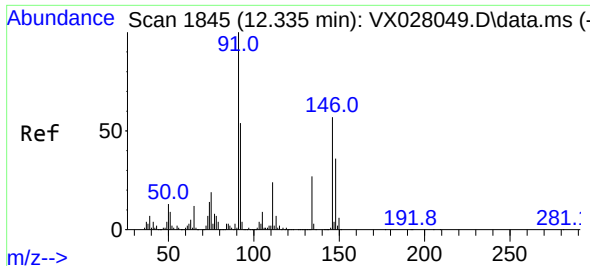


#86
 p-Isopropyltoluene
 Concen: 2.466 ug/l m
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX028108.D
 Acq: 14 Apr 2022 15:38



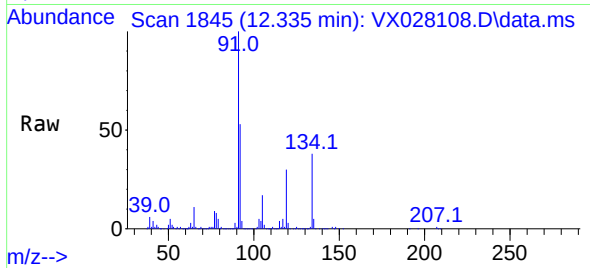
Tgt Ion:119 Resp: 48607
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.0 39.0#
 91 540.0 11.3 33.9#





#89
n-Butylbenzene
Concen: 14.236 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028108.D
Acq: 14 Apr 2022 15:38

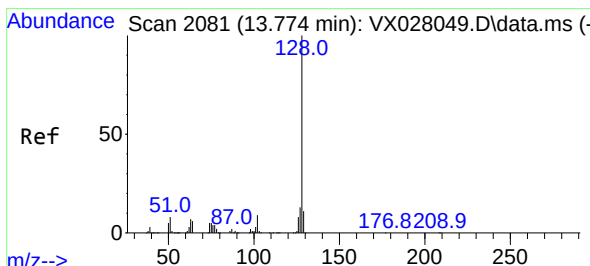
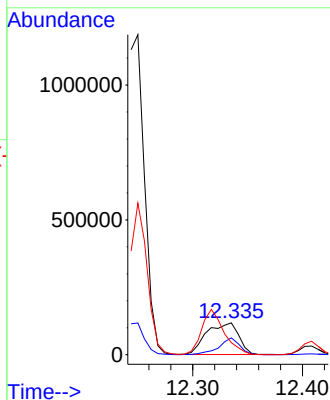
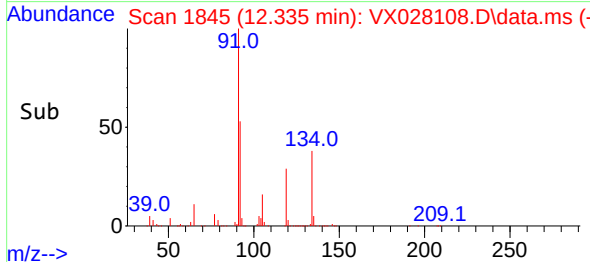
Instrument :
MSVOA_X
ClientSampleId :
MW-47



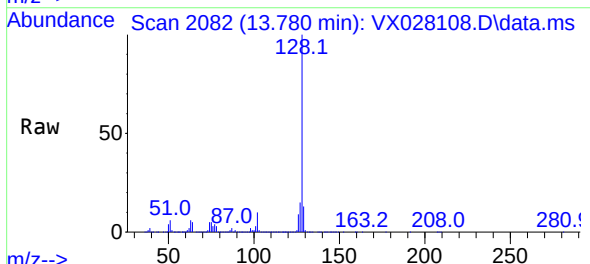
Tgt Ion: 91 Resp: 240198
Ion Ratio Lower Upper
91 100
92 34.0 27.8 83.3
134 99.7 13.3 39.8

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



#95
Naphthalene
Concen: 285.382 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX028108.D
Acq: 14 Apr 2022 15:38



Tgt Ion:128 Resp: 5781279
Ion Ratio Lower Upper
128 100
127 14.4 10.2 15.4
129 12.6 8.7 13.1

