

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031582.D
 Acq On : 22 Sep 2022 19:51
 Operator : JC/MD
 Sample : N4614-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-42

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/24/2022
 Supervised By :Mahesh Dadoda 09/24/2022

Quant Time: Sep 23 01:50:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	77923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	130923	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80325	56.238	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.480%			
35) Dibromofluoromethane	5.391	113	68225	50.423	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.840%			
50) Toluene-d8	8.653	98	281610	53.989	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.980%			
62) 4-Bromofluorobenzene	11.079	95	176724	100.022	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 200.040%#			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.989	59	21445	44.738	ug/l #	73
16) Acetone	2.392	43	14554	12.792	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	85810	19.561	ug/l #	1
25) 2-Butanone	4.568	43	8983	8.142	ug/l	92
31) Cyclohexane	5.476	56	143764	67.827	ug/l	90
39) Methylcyclohexane	7.385	83	136089	53.148	ug/l	95
40) Benzene	6.043	78	928258	149.514	ug/l	98
52) Toluene	8.720	92	683166	168.719	ug/l	99
67) Ethyl Benzene	10.201	91	6126496	886.238	ug/l #	83
68) m/p-Xylenes	10.311	106	7566792	2723.732	ug/l #	68
69) o-Xylene	10.646	106	3422997	1290.885	ug/l	78
73) Isopropylbenzene	10.963	105	507644	52.663	ug/l	99
78) n-propylbenzene	11.305	91	1813019	163.481	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	3309951	404.608	ug/l	93
84) 1,2,4-Trimethylbenzene	11.762	105	9869758	1225.055	ug/l	78
85) sec-Butylbenzene	11.890	105	103597m	10.324	ug/l	
86) p-Isopropyltoluene	12.012	119	75590m	8.921	ug/l	
95) Naphthalene	13.780	128	5043444	545.009	ug/l	97

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

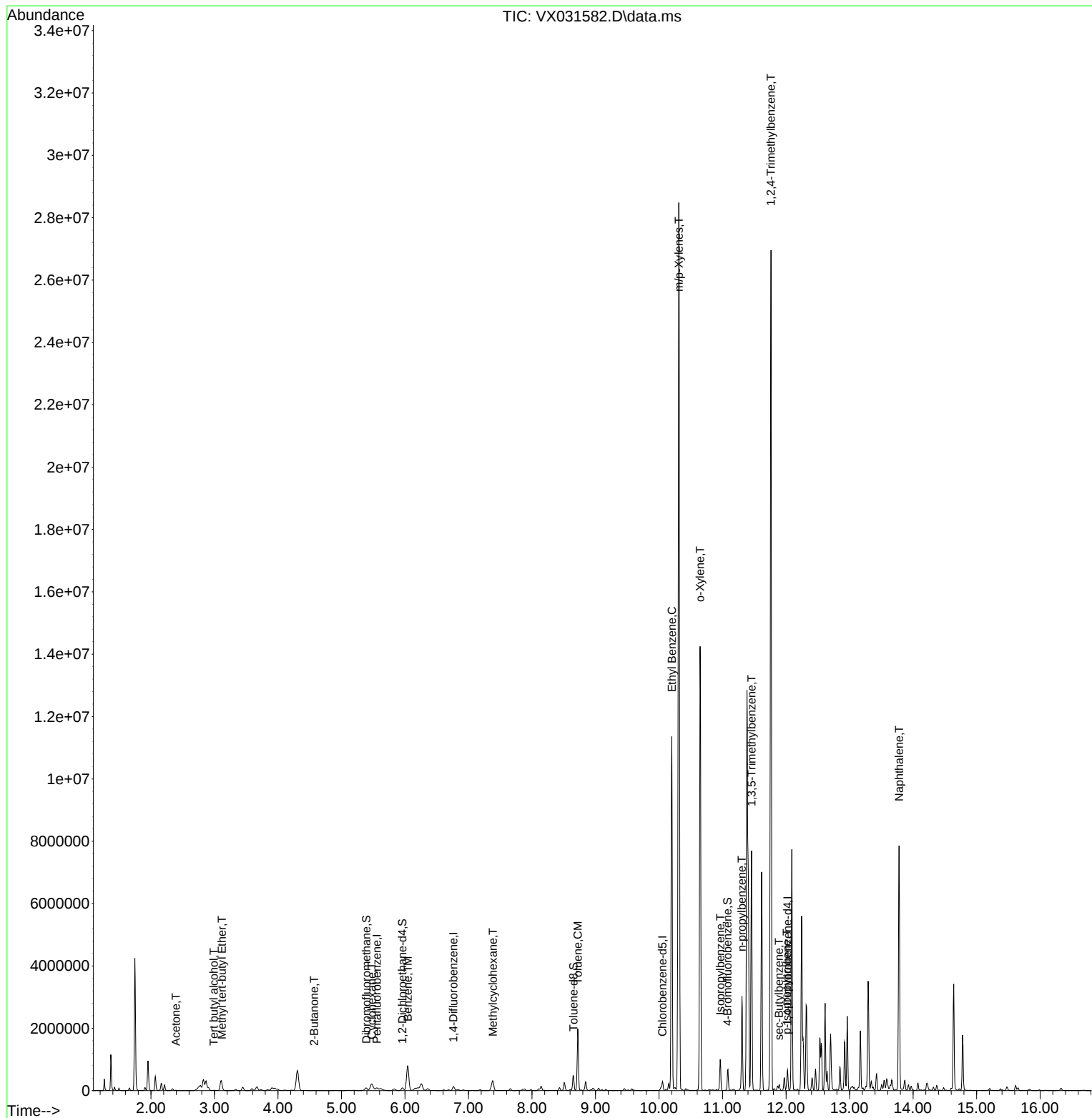
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
Data File : VX031582.D
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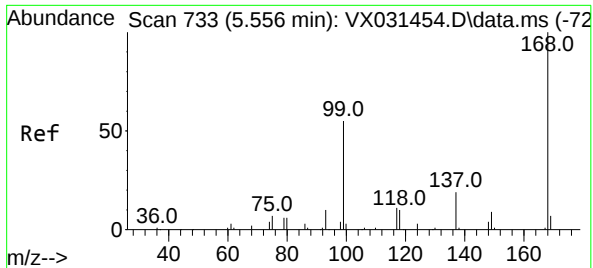
Instrument :
MSVOA_X
ClientSampleId :
MW-42

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Supervised By :Mahesh Dadoda 09/24/2022

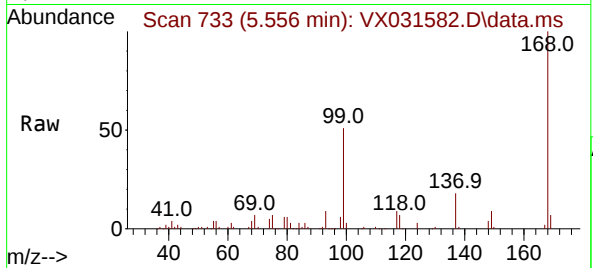
Quant Time: Sep 23 01:50:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX031582.D
Acq: 22 Sep 2022 19:51

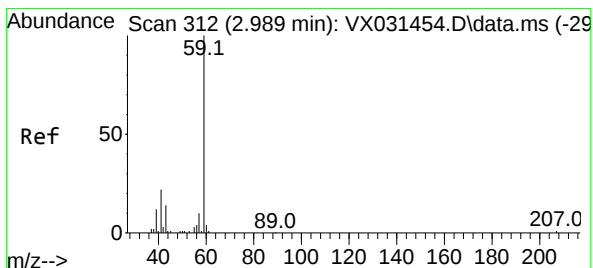
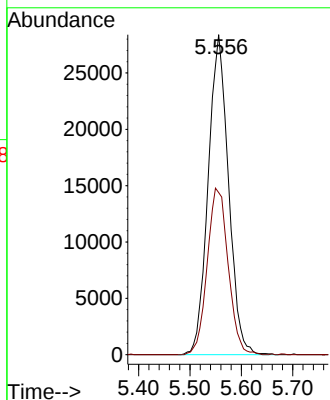
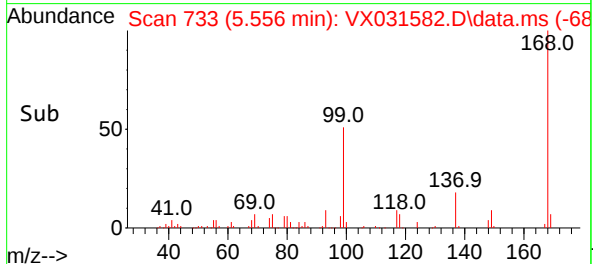
Instrument :
MSVOA_X
Client Sample Id :
MW-42



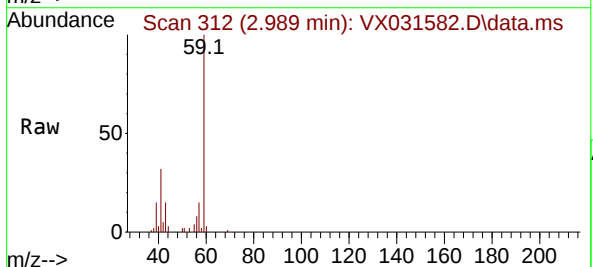
Tgt Ion:168 Resp: 77923
Ion Ratio Lower Upper
168 100
99 50.7 48.8 73.2

Manual Integrations
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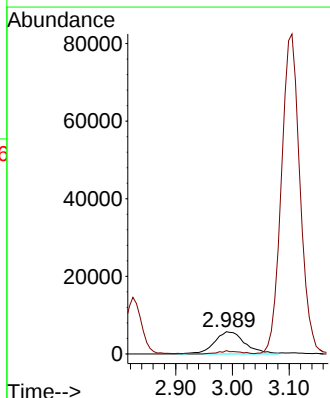
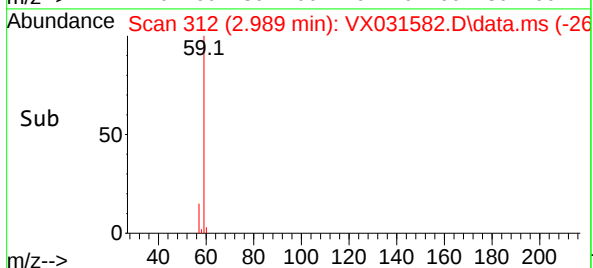
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022

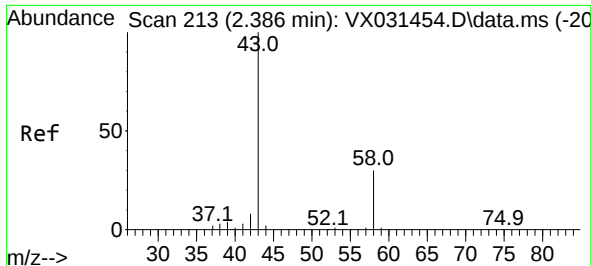


#11
Tert butyl alcohol
Concen: 44.738 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.000 min
Lab File: VX031582.D
Acq: 22 Sep 2022 19:51



Tgt Ion: 59 Resp: 21445
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





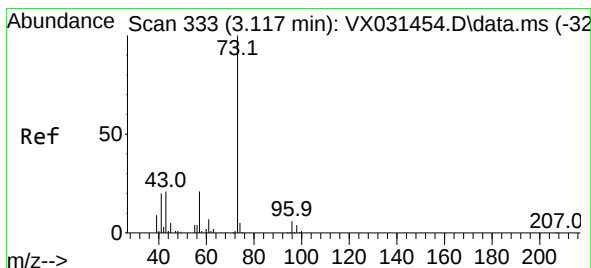
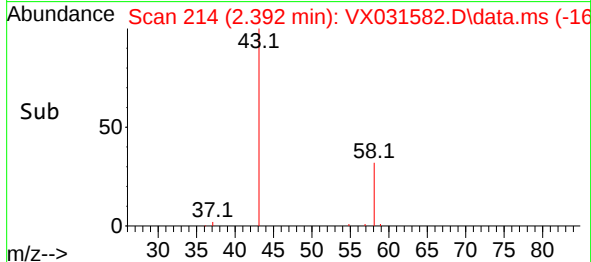
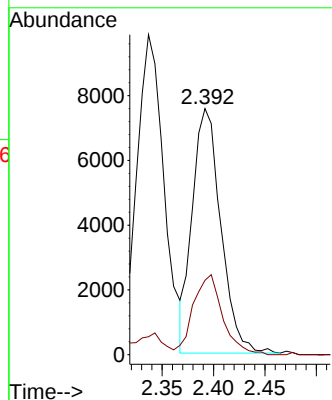
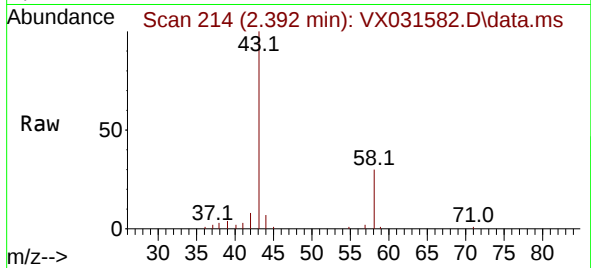
#16
Acetone
Concen: 12.792 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX031582.D
Acq: 22 Sep 2022 19:51

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MSVOA_X
ClientSampleId :
MW-42

Tgt Ion: 43 Resp: 14554
Ion Ratio Lower Upper
43 100
58 30.5 23.8 35.8

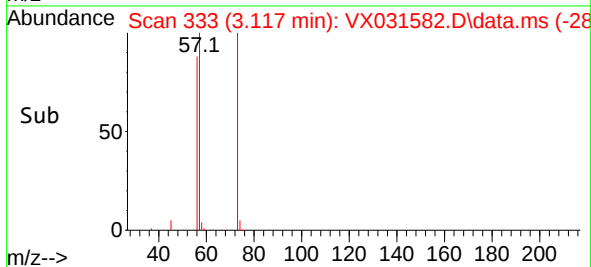
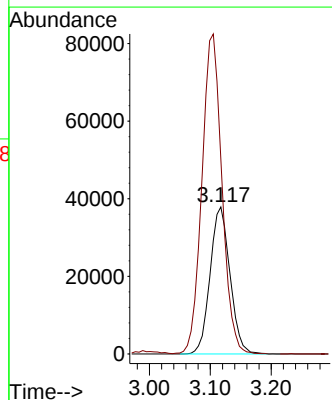
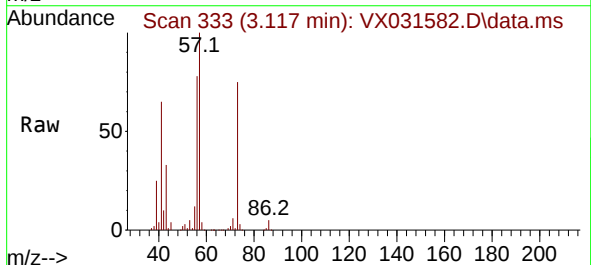
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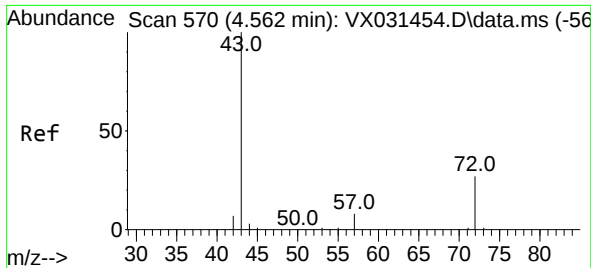
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022



#19
Methyl tert-butyl Ether
Concen: 19.561 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX031582.D
Acq: 22 Sep 2022 19:51

Tgt Ion: 73 Resp: 85810
Ion Ratio Lower Upper
73 100
57 132.6 17.2 25.8#





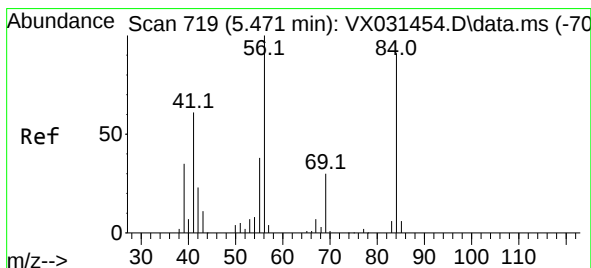
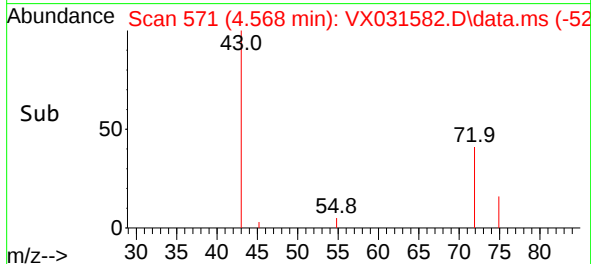
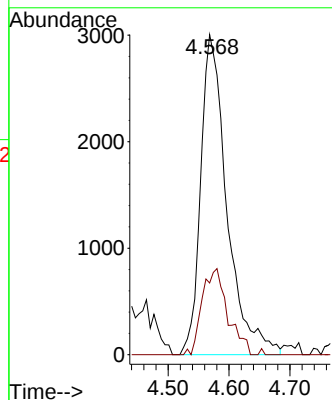
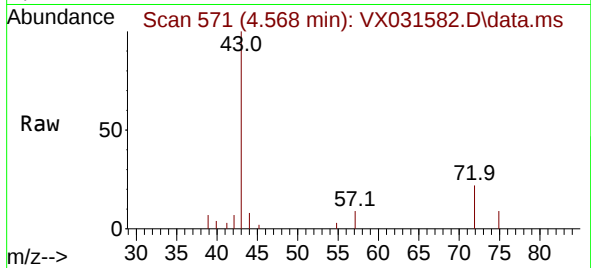
#25
2-Butanone
Concen: 8.142 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX031582.D
Acq: 22 Sep 2022 19:51

Instrument :
MSVOA_X
ClientSampleId :
MW-42

Tgt Ion: 43 Resp: 898
Ion Ratio Lower Upper
43 100
72 22.4 21.1 31.7

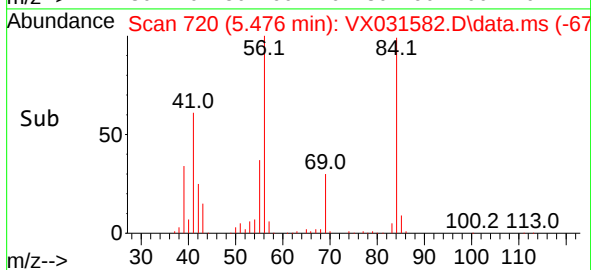
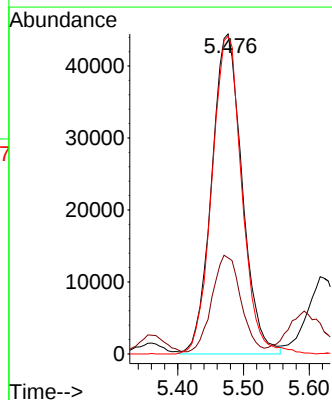
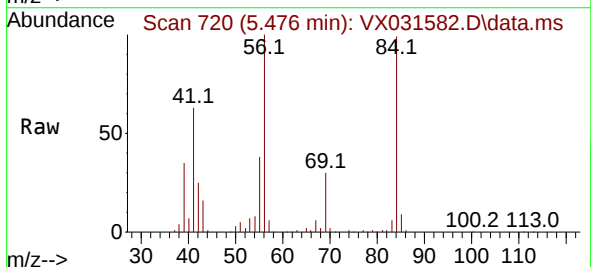
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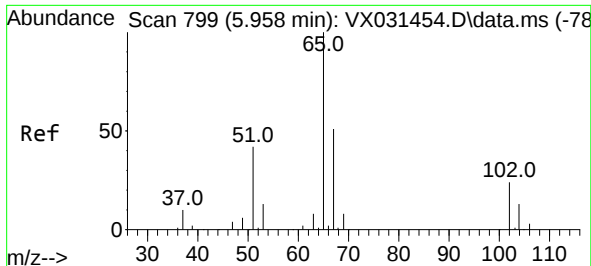
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022



#31
Cyclohexane
Concen: 67.827 ug/l
RT: 5.476 min Scan# 720
Delta R.T. 0.005 min
Lab File: VX031582.D
Acq: 22 Sep 2022 19:51

Tgt Ion: 56 Resp: 143764
Ion Ratio Lower Upper
56 100
69 29.3 25.1 37.7
84 99.6 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 56.238 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031582.D

Acq: 22 Sep 2022 19:51

Instrument :

MSVOA_X

ClientSampleId :

MW-42

Tgt Ion: 65 Resp: 8032

Ion Ratio Lower Upper

65 100

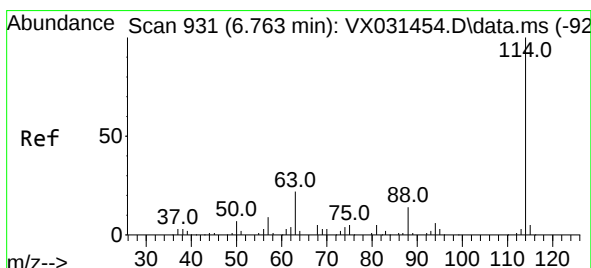
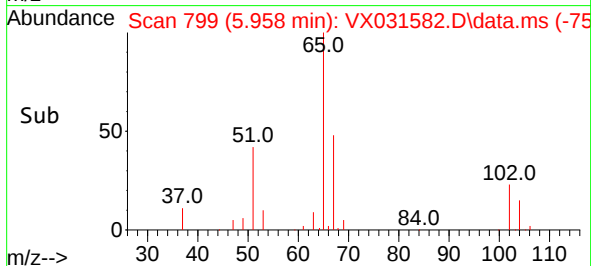
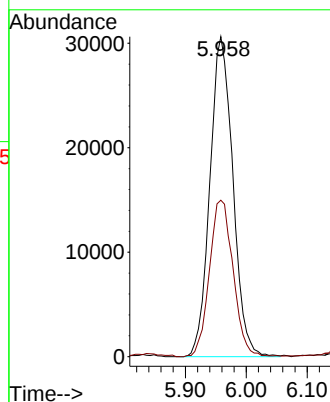
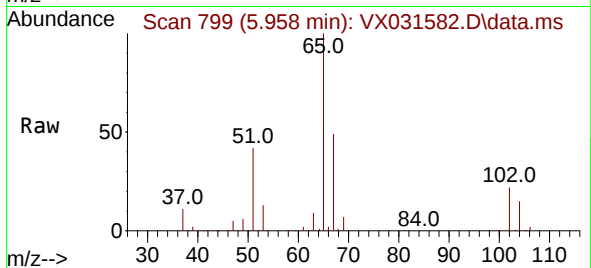
67 50.4 0.0 102.4

Manual Integrations

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Supervised By :Mahesh Dadoda 09/24/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031582.D

Acq: 22 Sep 2022 19:51

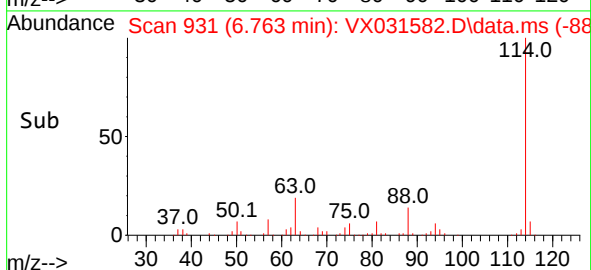
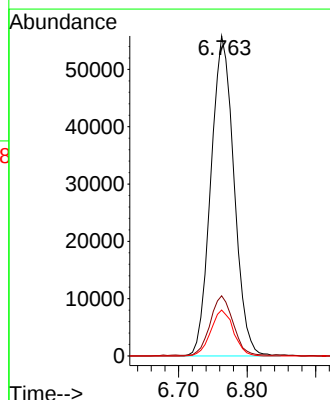
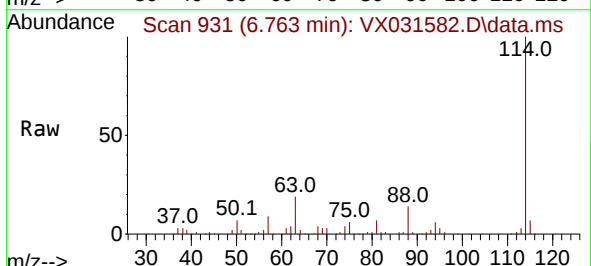
Tgt Ion:114 Resp: 130923

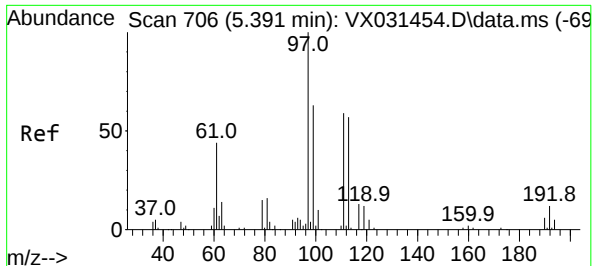
Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.6

88 14.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.423 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031582.D

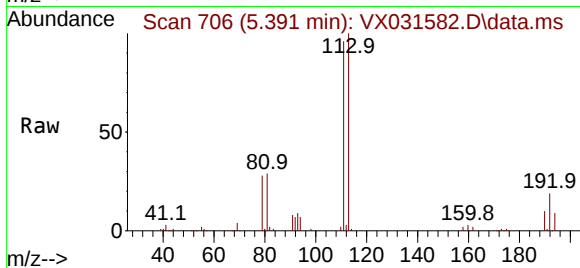
Acq: 22 Sep 2022 19:51

Instrument :

MSVOA_X

ClientSampleId :

MW-42



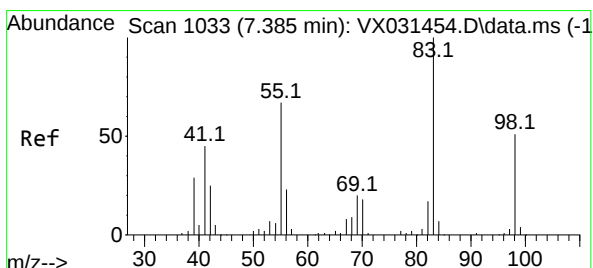
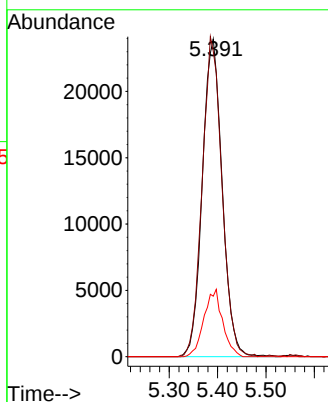
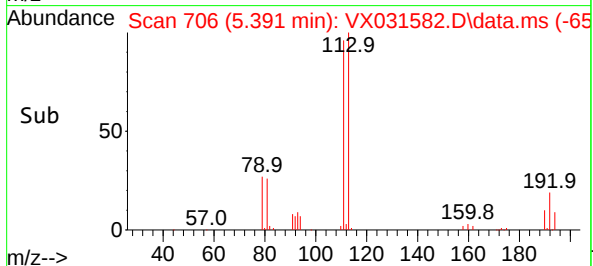
Tgt Ion:	113	Resp:	6822
Ion	Ratio	Lower	Upper
113	100		
111	100.1	82.4	123.6
192	20.0	14.1	21.1

Manual Integrations

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Supervised By :Mahesh Dadoda 09/24/2022



#39

Methylcyclohexane

Concen: 53.148 ug/l

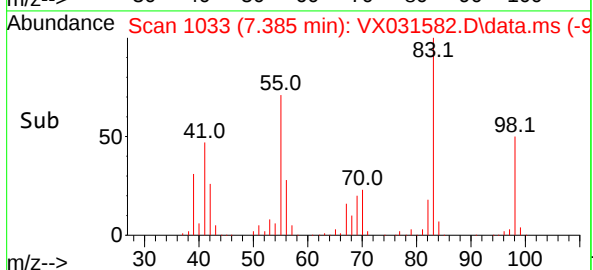
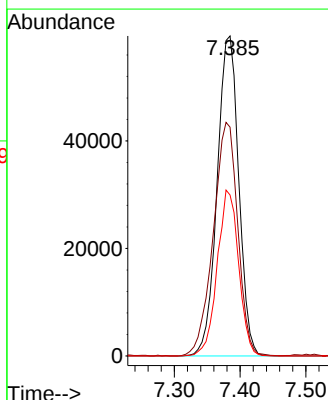
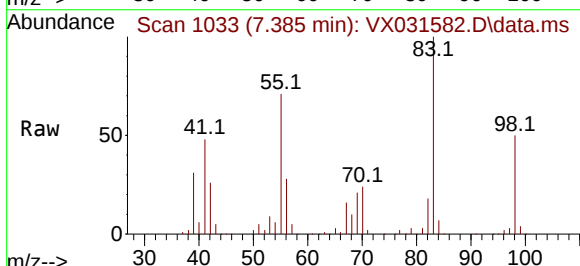
RT: 7.385 min Scan# 1033

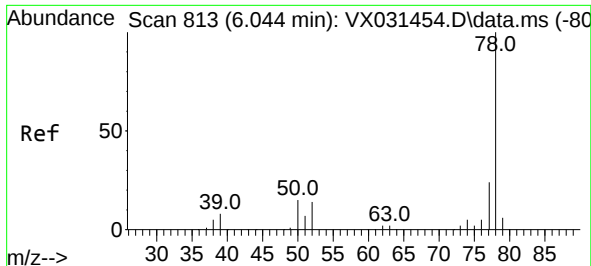
Delta R.T. -0.000 min

Lab File: VX031582.D

Acq: 22 Sep 2022 19:51

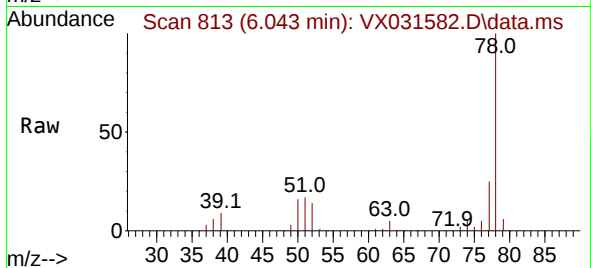
Tgt Ion:	83	Resp:	136089
Ion	Ratio	Lower	Upper
83	100		
55	71.5	61.0	91.4
98	50.3	37.7	56.5





#40
Benzene
Concen: 149.514 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.001 min
Lab File: VX031582.D
Acq: 22 Sep 2022 19:51

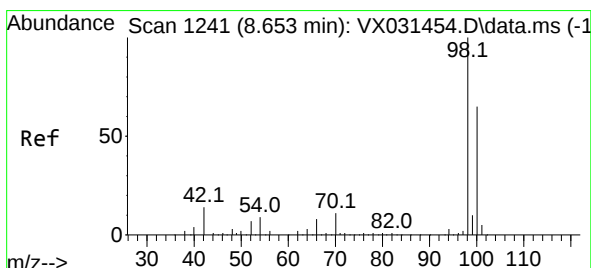
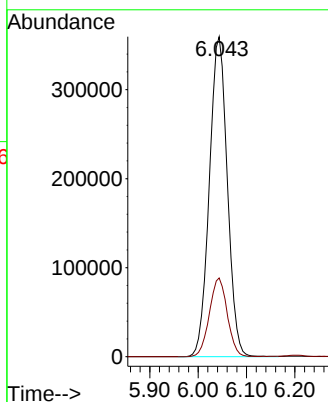
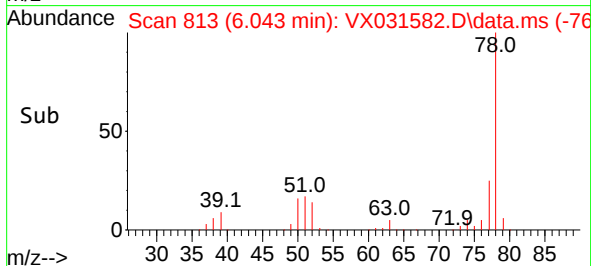
Instrument :
MSVOA_X
ClientSampleId :
MW-42



Tgt Ion: 78 Resp: 928258
Ion Ratio Lower Upper
78 100
77 24.6 18.7 28.1

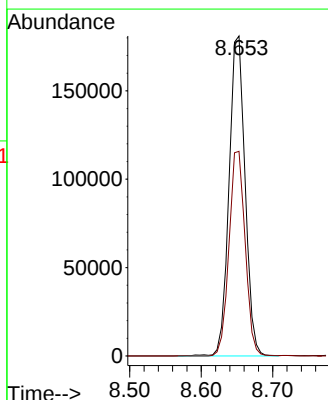
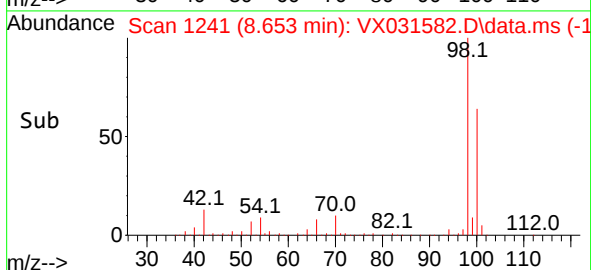
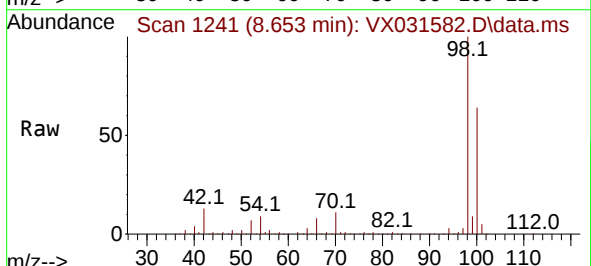
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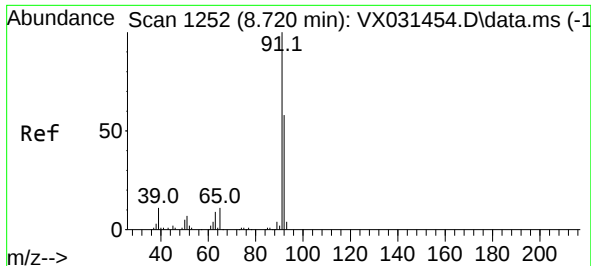
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022



#50
Toluene-d8
Concen: 53.989 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031582.D
Acq: 22 Sep 2022 19:51

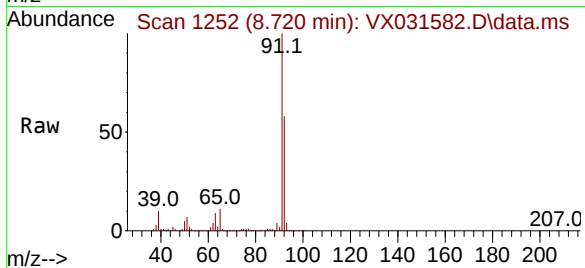
Tgt Ion: 98 Resp: 281610
Ion Ratio Lower Upper
98 100
100 64.4 52.5 78.7





#52
Toluene
Concen: 168.719 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031582.D
Acq: 22 Sep 2022 19:51

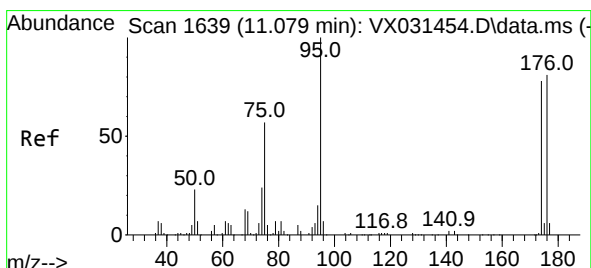
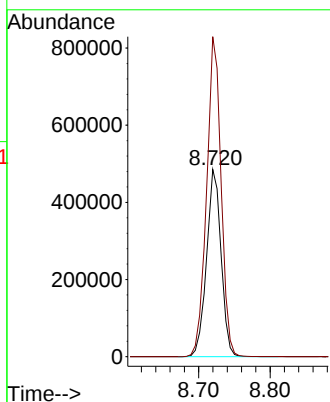
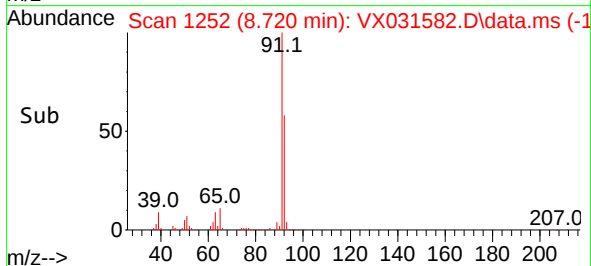
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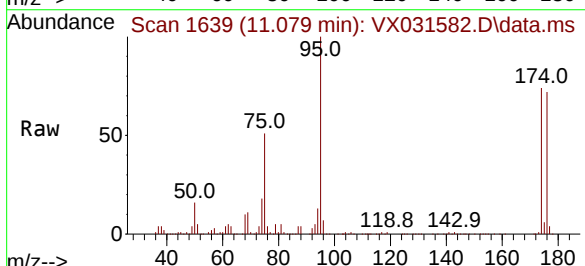
Tgt Ion: 92 Resp: 683160
Ion Ratio Lower Upper
92 100
91 170.4 137.1 205.7

Manual Integrations
APPROVED

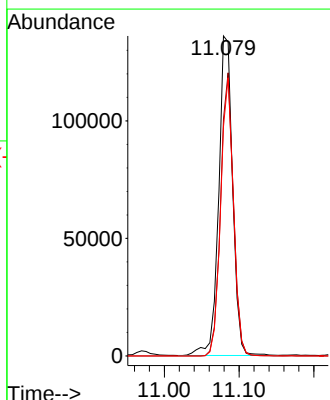
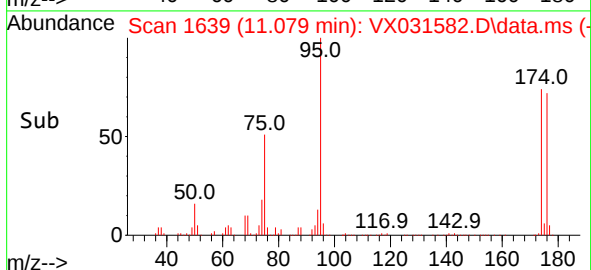
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022

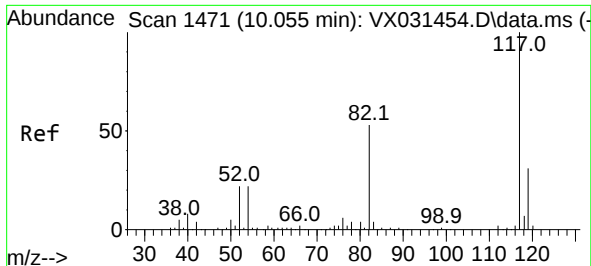


#62
4-Bromofluorobenzene
Concen: 100.022 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031582.D
Acq: 22 Sep 2022 19:51



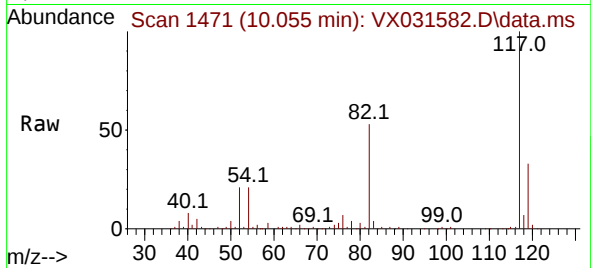
Tgt Ion: 95 Resp: 176724
Ion Ratio Lower Upper
95 100
174 81.4 0.0 153.2
176 79.8 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031582.D
Acq: 22 Sep 2022 19:51

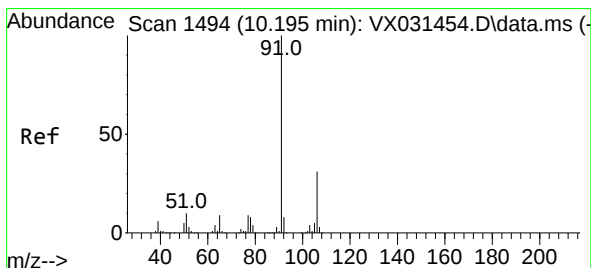
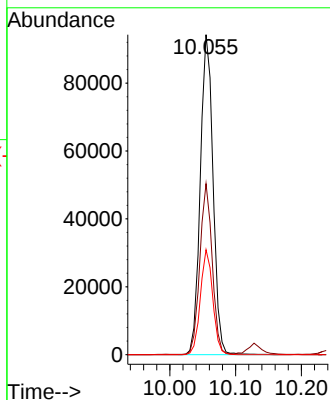
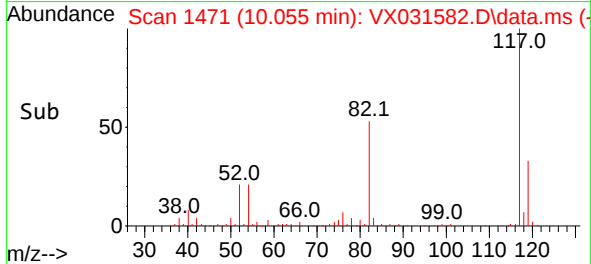
Instrument :
MSVOA_X
ClientSampleId :
MW-42



Tgt Ion:117 Resp: 126964
Ion Ratio Lower Upper
117 100
82 53.3 46.8 70.2
119 32.8 26.4 39.6

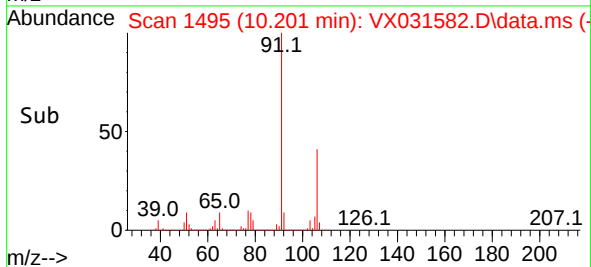
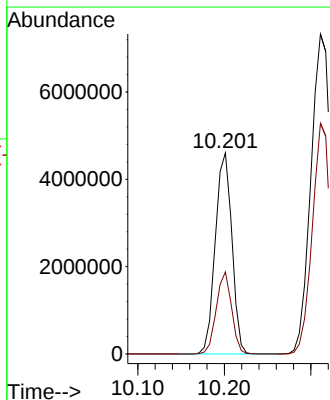
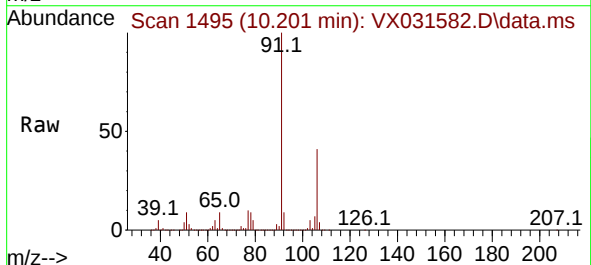
Manual Integrations
APPROVED

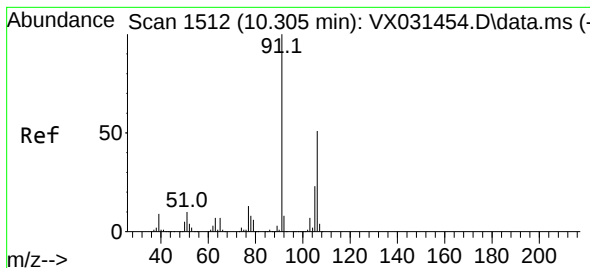
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022



#67
Ethyl Benzene
Concen: 886.238 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX031582.D
Acq: 22 Sep 2022 19:51

Tgt Ion: 91 Resp: 6126496
Ion Ratio Lower Upper
91 100
106 40.8 25.2 37.8#





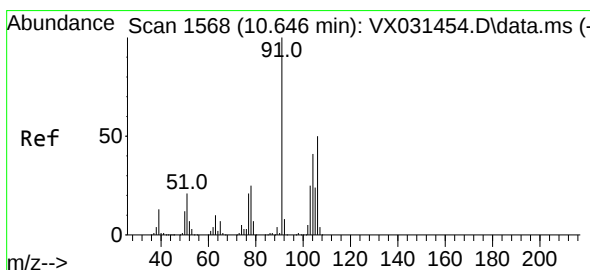
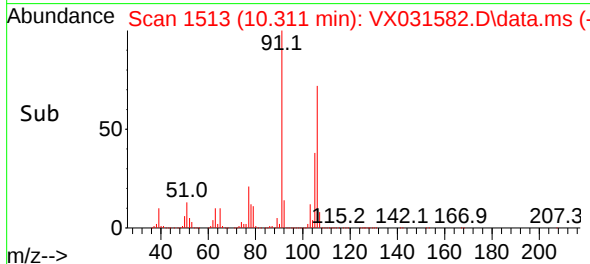
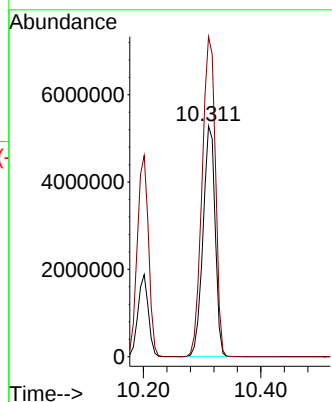
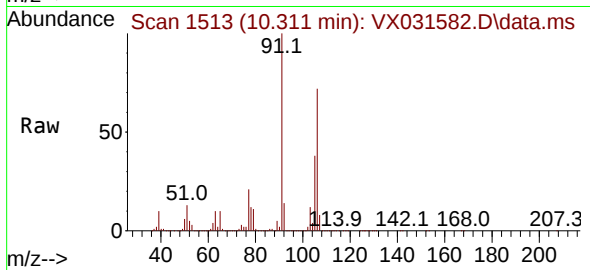
#68
m/p-Xylenes
Concen: 2723.732 ug/l
RT: 10.311 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX031582.D
Acq: 22 Sep 2022 19:51

Instrument :
MSVOA_X
ClientSampleId :
MW-42

Tgt Ion:106 Resp: 7566792
Ion Ratio Lower Upper
106 100
91 152.5 161.0 241.4

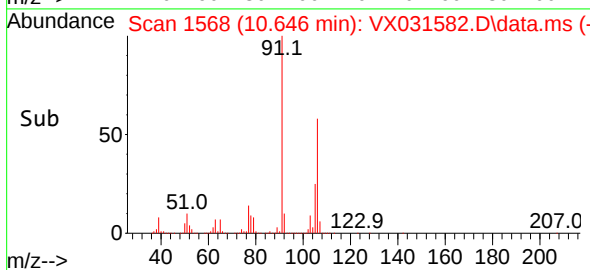
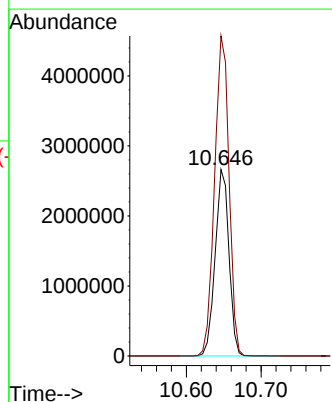
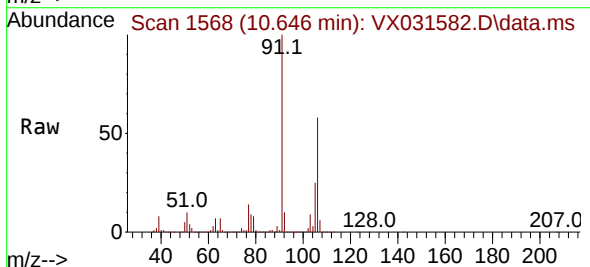
Manual Integrations
APPROVED

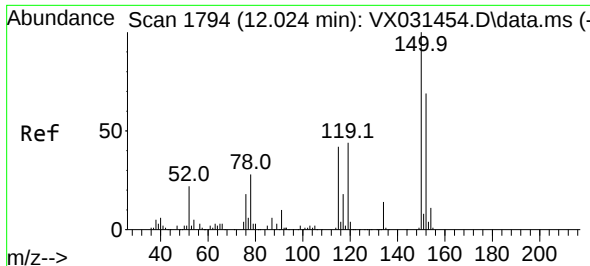
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022



#69
o-Xylene
Concen: 1290.885 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX031582.D
Acq: 22 Sep 2022 19:51

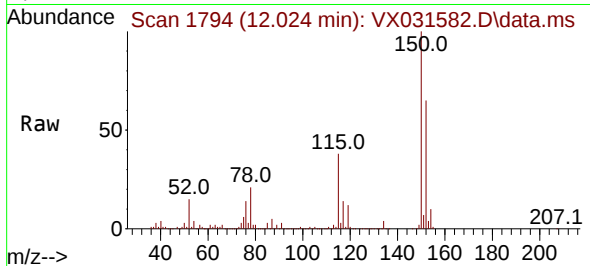
Tgt Ion:106 Resp: 3422997
Ion Ratio Lower Upper
106 100
91 180.1 107.2 321.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031582.D
Acq: 22 Sep 2022 19:51

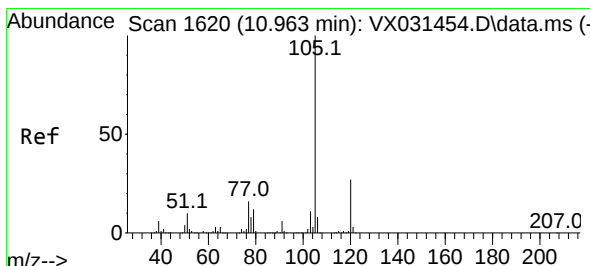
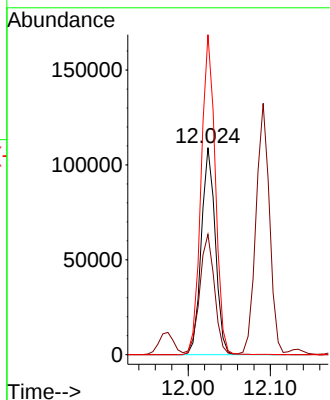
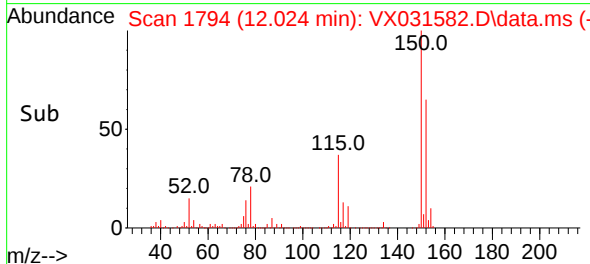
Instrument :
MSVOA_X
ClientSampleId :
MW-42



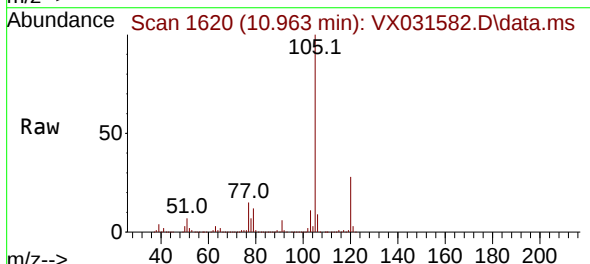
Tgt Ion:152 Resp: 129085
Ion Ratio Lower Upper
152 100
115 60.4 43.4 130.1
150 156.5 0.0 346.8

Manual Integrations
APPROVED

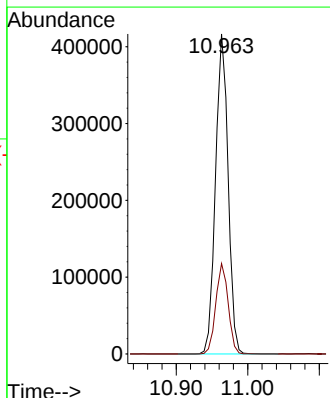
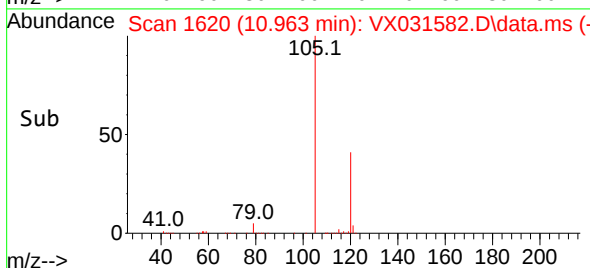
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022

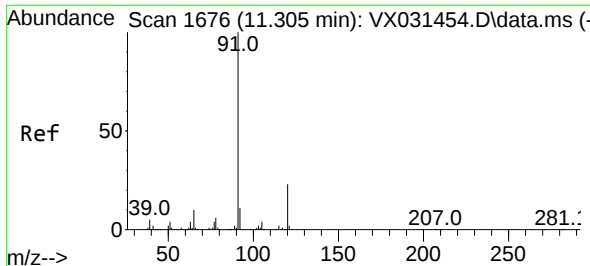


#73
Isopropylbenzene
Concen: 52.663 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX031582.D
Acq: 22 Sep 2022 19:51



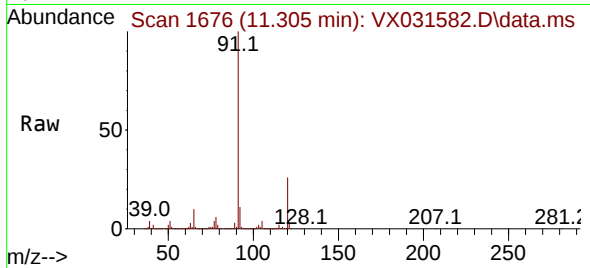
Tgt Ion:105 Resp: 507644
Ion Ratio Lower Upper
105 100
120 27.8 13.7 41.0





#78
n-propylbenzene
Concen: 163.481 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031582.D
Acq: 22 Sep 2022 19:51

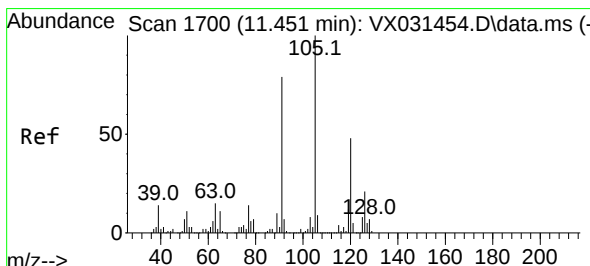
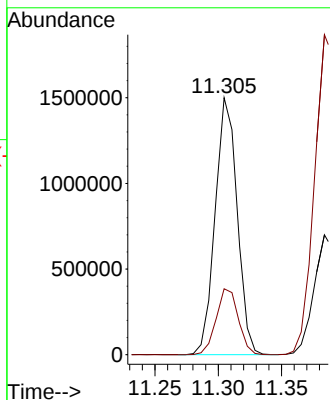
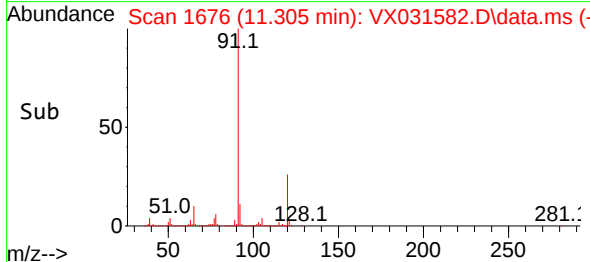
Instrument :
MSVOA_X
ClientSampleId :
MW-42



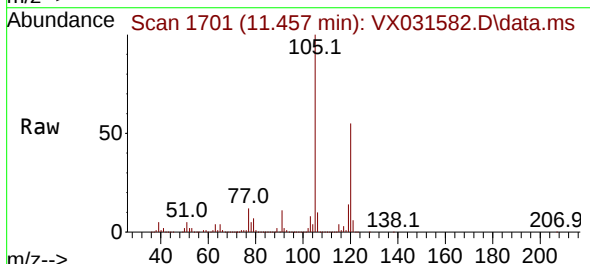
Tgt Ion: 91 Resp: 1813019
Ion Ratio Lower Upper
91 100
120 25.8 11.8 35.4

Manual Integrations
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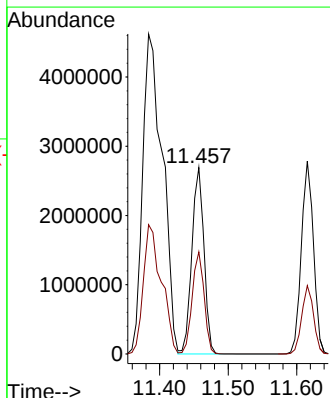
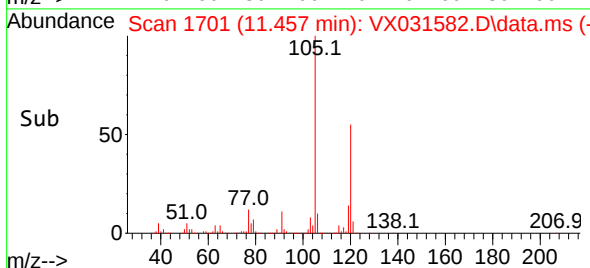
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022

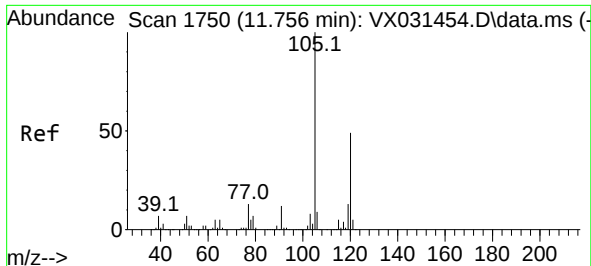


#80
1,3,5-Trimethylbenzene
Concen: 404.608 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX031582.D
Acq: 22 Sep 2022 19:51



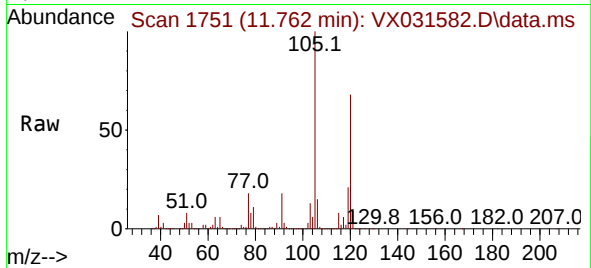
Tgt Ion:105 Resp: 3309951
Ion Ratio Lower Upper
105 100
120 54.1 24.5 73.5





#84
1,2,4-Trimethylbenzene
Concen: 1225.055 ug/l
RT: 11.762 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VX031582.D
Acq: 22 Sep 2022 19:51

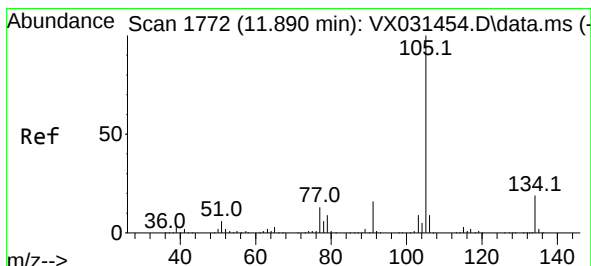
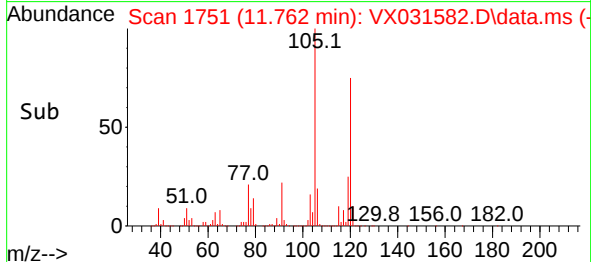
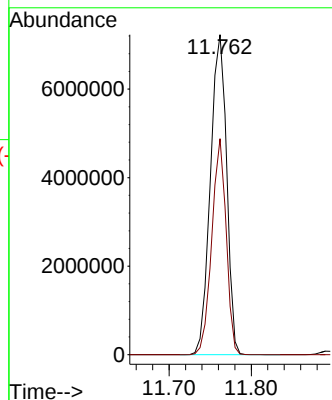
Instrument :
MSVOA_X
ClientSampleId :
MW-42



Tgt Ion:105 Resp: 9869758
Ion Ratio Lower Upper
105 100
120 59.8 22.6 67.8

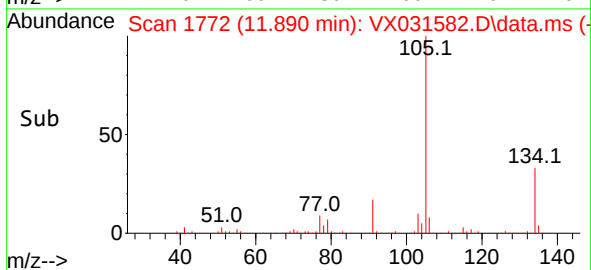
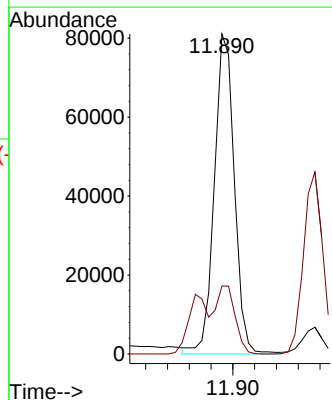
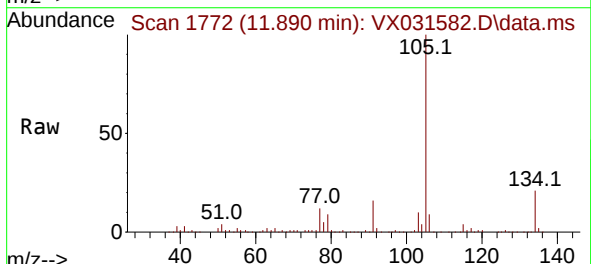
Manual Integrations
APPROVED

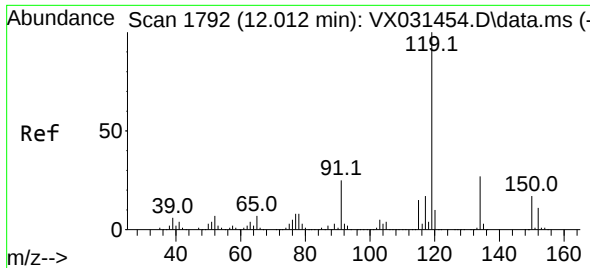
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022



#85
sec-Butylbenzene
Concen: 10.324 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX031582.D
Acq: 22 Sep 2022 19:51

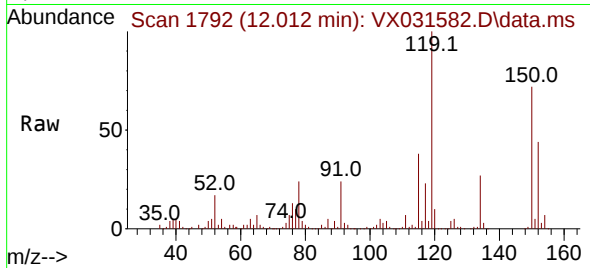
Tgt Ion:105 Resp: 103597
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#





#86
p-Isopropyltoluene
Concen: 8.921 ug/l m
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX031582.D
Acq: 22 Sep 2022 19:51

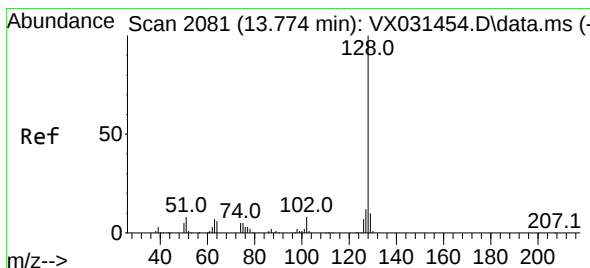
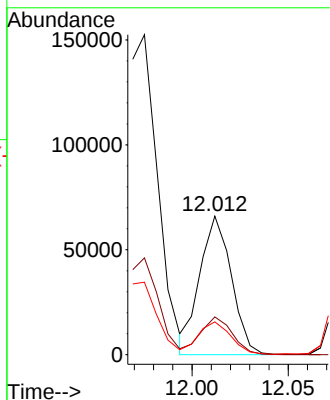
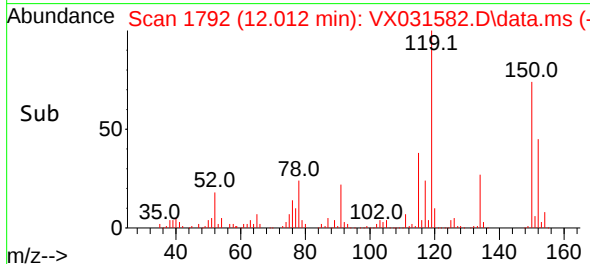
Instrument :
MSVOA_X
ClientSampleId :
MW-42



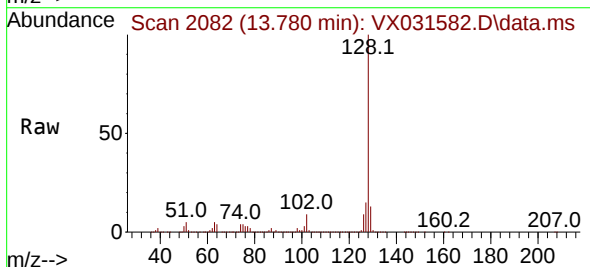
Tgt Ion:119 Resp: 75590
Ion Ratio Lower Upper
119 100
134 74.8 13.4 40.2
91 57.9 12.4 37.2

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022



#95
Naphthalene
Concen: 545.009 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX031582.D
Acq: 22 Sep 2022 19:51



Tgt Ion:128 Resp: 5043444
Ion Ratio Lower Upper
128 100
127 14.3 10.4 15.6
129 12.3 8.8 13.2

