

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028649.D
 Acq On : 12 May 2022 19:35
 Operator : JC/MD
 Sample : N2799-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2D

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/13/2022
 Supervised By : Mahesh Dadoda 05/13/2022

Quant Time: May 13 02:49:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	269273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	482074	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	465080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	234589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	184353	49.945	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.900%		
35) Dibromofluoromethane	5.391	113	156125	49.430	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.860%		
50) Toluene-d8	8.653	98	589041	49.466	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.940%		
62) 4-Bromofluorobenzene	11.079	95	235089	52.856	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	105.720%		
Target Compounds					Qvalue	
16) Acetone	2.367	43	7597m	4.796	ug/l	
17) Carbon Disulfide	2.513	76	1792	0.248	ug/l	96
25) 2-Butanone	4.568	43	4840	1.946	ug/l #	83
30) Chloroform	5.092	83	5716	0.951	ug/l	92
31) Cyclohexane	5.476	56	298017	58.167	ug/l	96
39) Methylcyclohexane	7.384	83	223731	41.124	ug/l	93
40) Benzene	6.043	78	28455	2.087	ug/l	99
51) 4-Methyl-2-Pentanone	8.579	43	14629	2.865	ug/l	87
52) Toluene	8.720	92	621541	70.867	ug/l	99
59) 2-Hexanone	9.445	43	4062m	1.024	ug/l	
67) Ethyl Benzene	10.195	91	2983750	168.721	ug/l	96
68) m/p-Xylenes	10.305	106	2985880	433.676	ug/l	92
69) o-Xylene	10.646	106	1466456	216.333	ug/l	99
73) Isopropylbenzene	10.963	105	343085	19.285	ug/l	98
78) n-propylbenzene	11.305	91	779214	37.866	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	967034	65.236	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	3274188	220.263	ug/l	97
85) sec-Butylbenzene	11.890	105	62868m	3.551	ug/l	
86) p-Isopropyltoluene	12.012	119	33431m	2.250	ug/l	
95) Naphthalene	13.780	128	1080210	64.800	ug/l	100

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

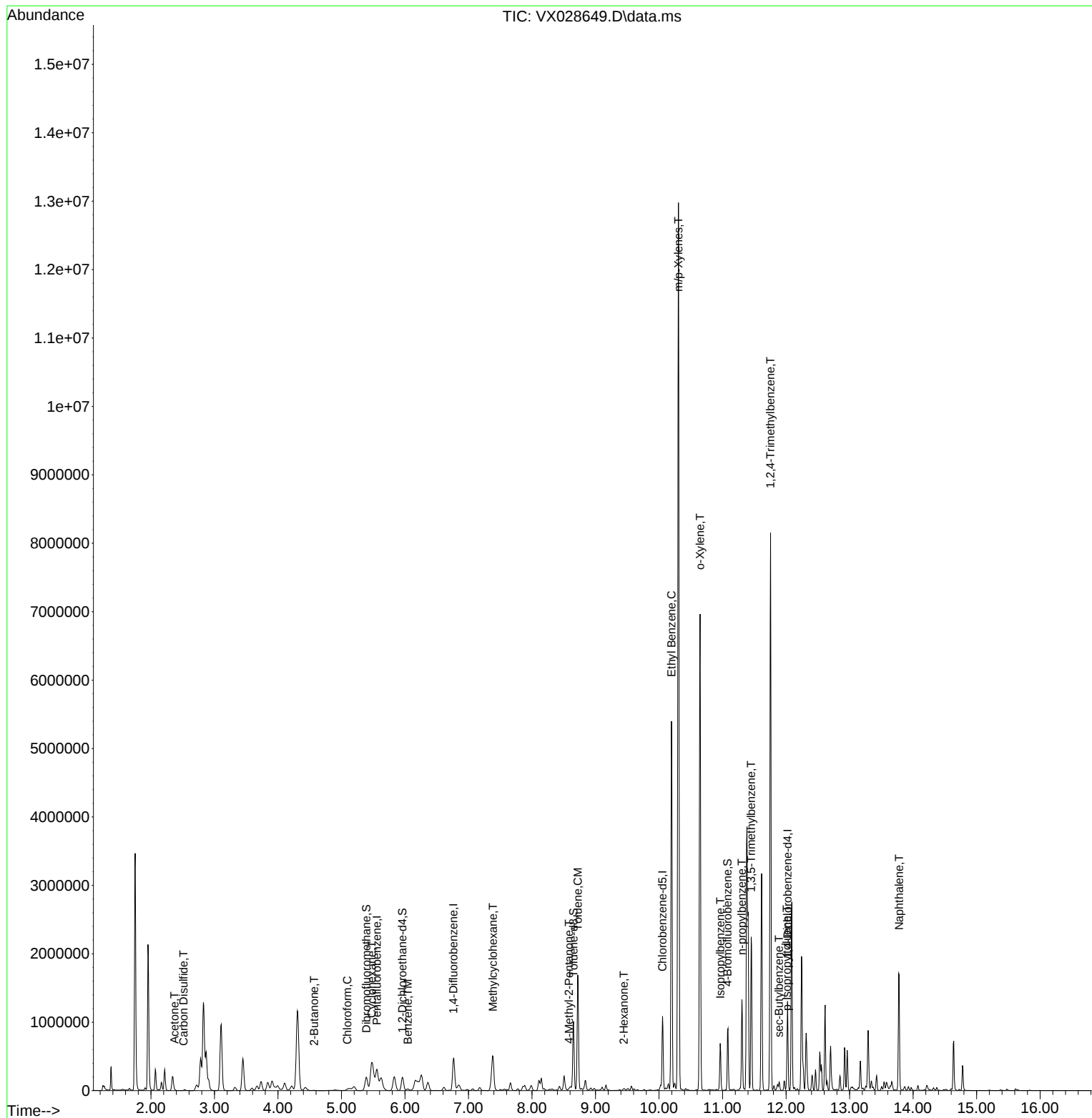
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
Data File : VX028649.D
Acq On : 12 May 2022 19:35
Operator : JC/MD
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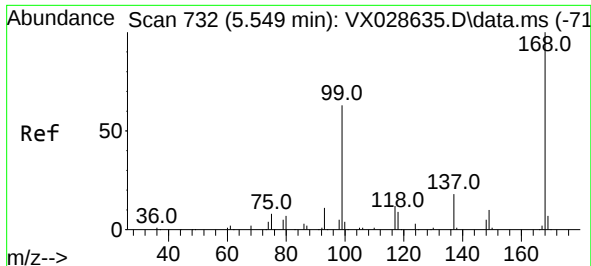
Instrument :
MSVOA_X
ClientSampleId :
MW-2D

Quant Time: May 13 02:49:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

Manual Integrations
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Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022





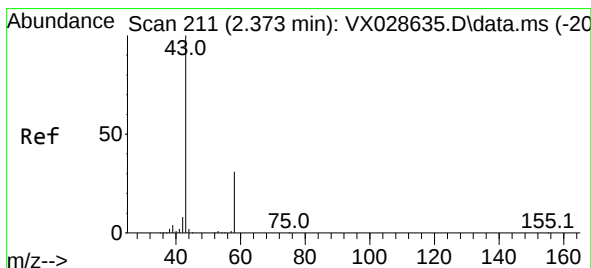
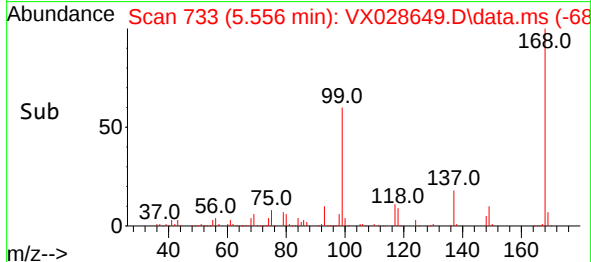
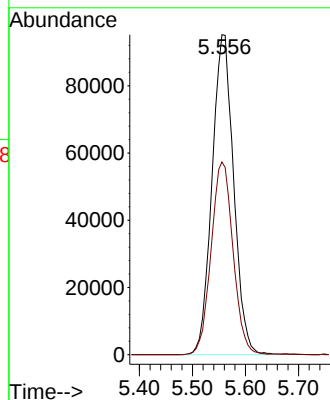
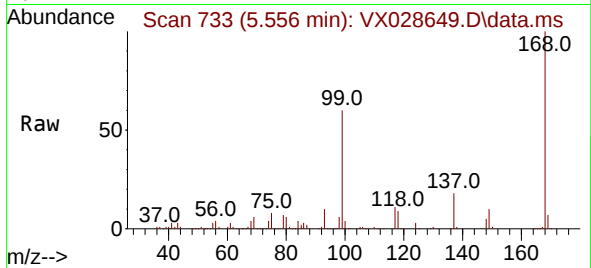
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028649.D
Acq: 12 May 2022 19:35

Instrument :
MSVOA_X
Client Sample Id :
MW-2D

Tgt Ion:168 Resp: 26927
Ion Ratio Lower Upper
168 100
99 60.2 41.7 62.5

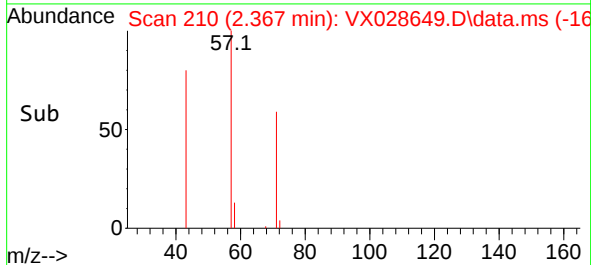
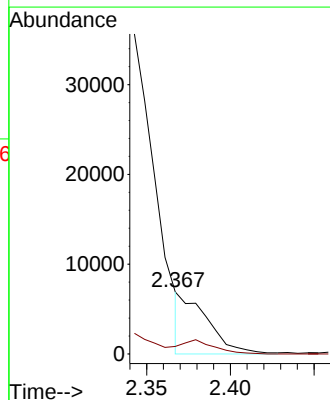
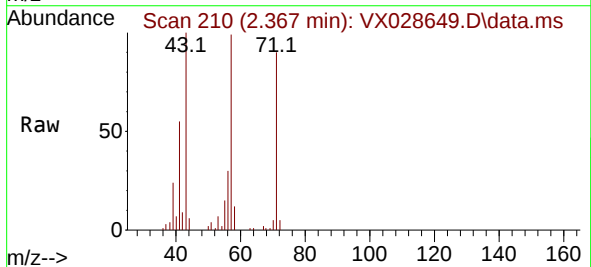
Manual Integrations
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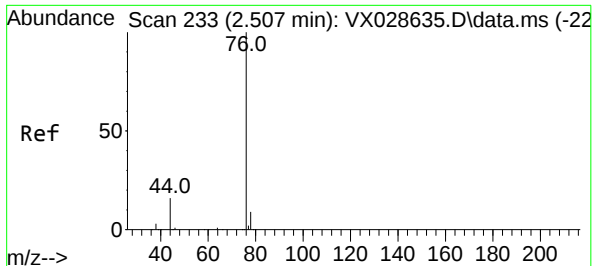
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#16
Acetone
Concen: 4.796 ug/l m
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX028649.D
Acq: 12 May 2022 19:35

Tgt Ion: 43 Resp: 7597
Ion Ratio Lower Upper
43 100
58 12.1 28.8 43.2#





#17

Carbon Disulfide

Concen: 0.248 ug/l

RT: 2.513 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX028649.D

Acq: 12 May 2022 19:35

Instrument :

MSVOA_X

ClientSampleId :

MW-2D

Tgt Ion: 76 Resp: 179

Ion Ratio Lower Upper

76 100

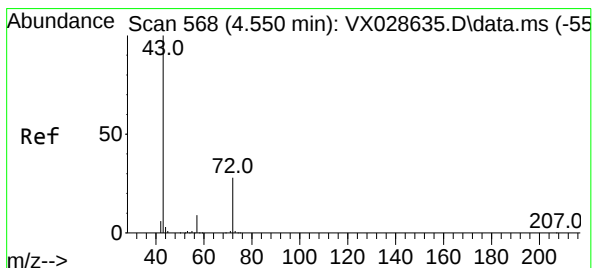
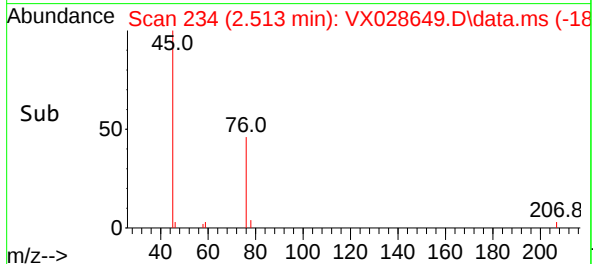
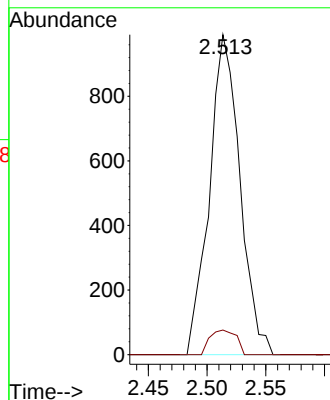
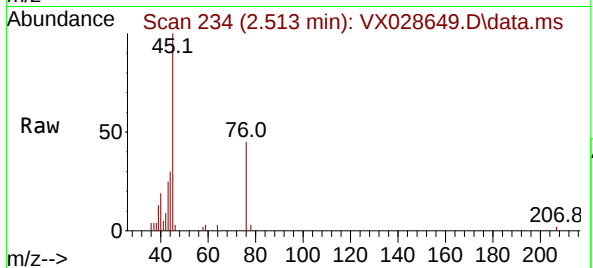
78 7.7 7.2 10.8

Manual Integrations

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Reviewed By :John Carlone 05/13/2022

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#25

2-Butanone

Concen: 1.946 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.018 min

Lab File: VX028649.D

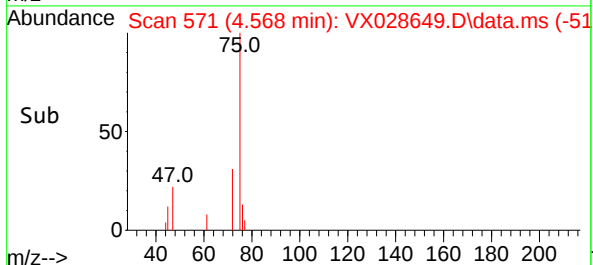
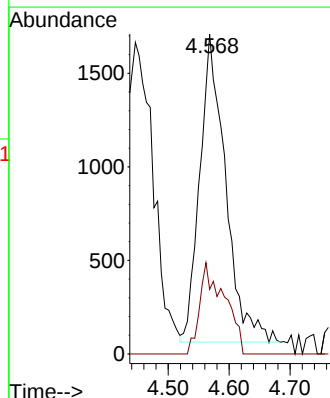
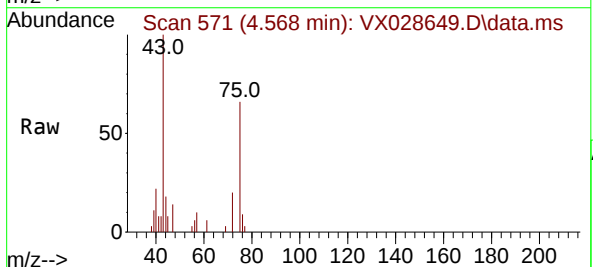
Acq: 12 May 2022 19:35

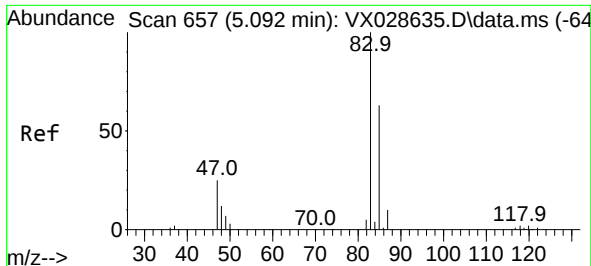
Tgt Ion: 43 Resp: 4840

Ion Ratio Lower Upper

43 100

72 21.0 24.4 36.6#





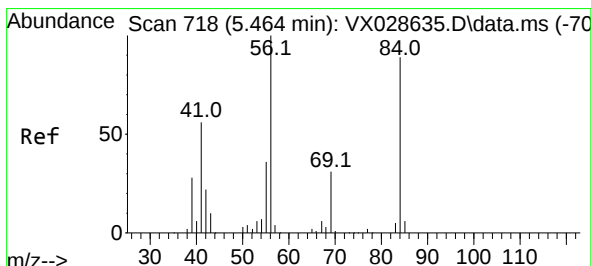
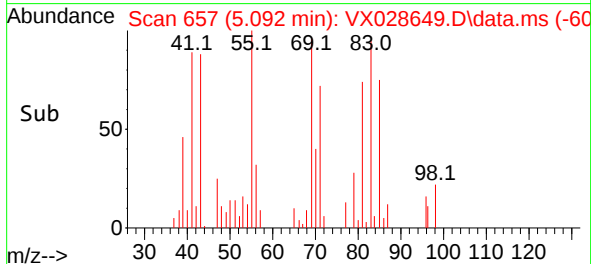
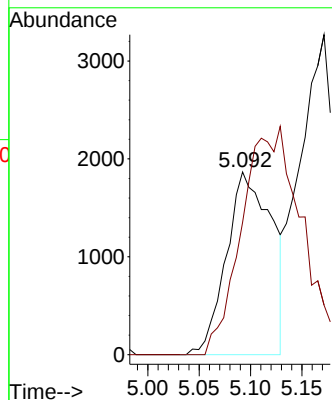
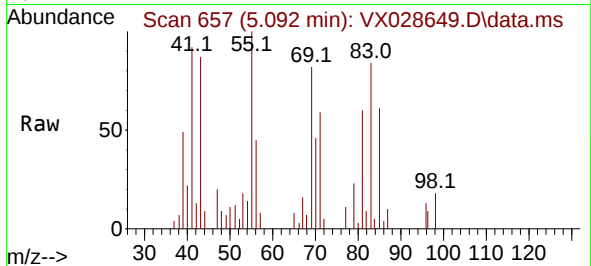
#30
Chloroform
Concen: 0.951 ug/l
RT: 5.092 min Scan# 610
Delta R.T. 0.000 min
Lab File: VX028649.D
Acq: 12 May 2022 19:35

Instrument :
MSVOA_X
ClientSampleId :
MW-2D

Tgt Ion: 83 Resp: 5710
Ion Ratio Lower Upper
83 100
85 72.5 52.7 79.1

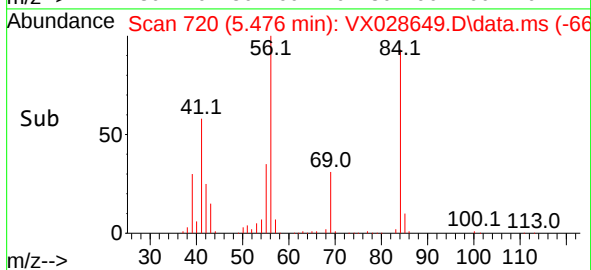
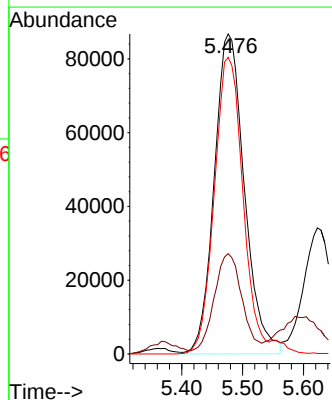
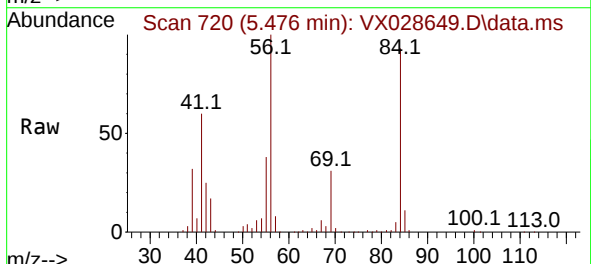
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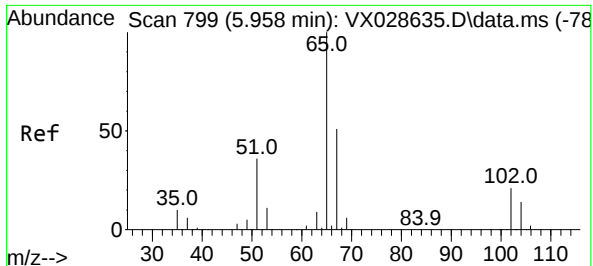
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#31
Cyclohexane
Concen: 58.167 ug/l
RT: 5.476 min Scan# 720
Delta R.T. 0.012 min
Lab File: VX028649.D
Acq: 12 May 2022 19:35

Tgt Ion: 56 Resp: 298017
Ion Ratio Lower Upper
56 100
69 29.6 26.7 40.1
84 93.1 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 49.945 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX028649.D

Acq: 12 May 2022 19:35

Instrument :

MSVOA_X

ClientSampleId :

MW-2D

Tgt Ion: 65 Resp: 18435

Ion Ratio Lower Upper

65 100

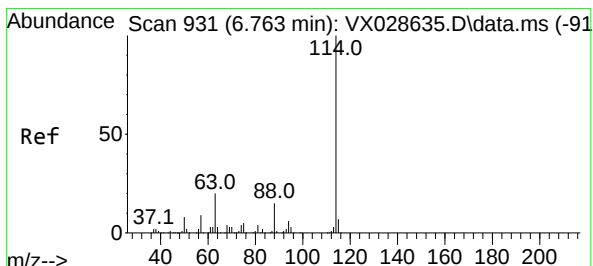
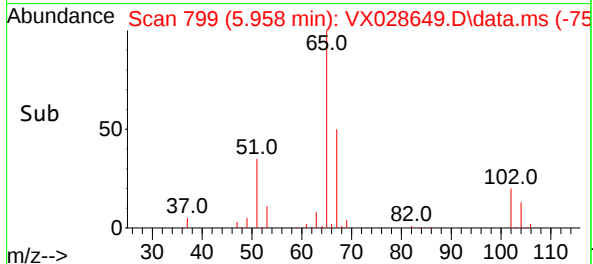
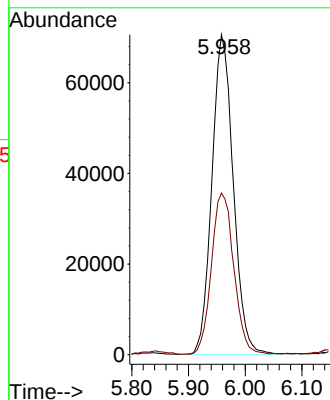
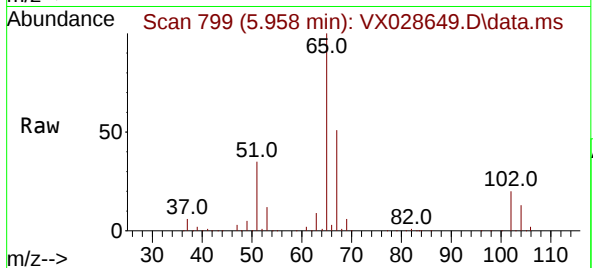
67 52.7 0.0 107.4

Manual Integrations

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Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028649.D

Acq: 12 May 2022 19:35

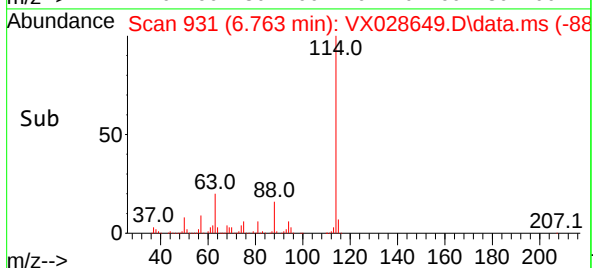
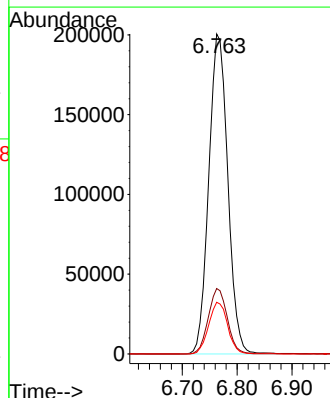
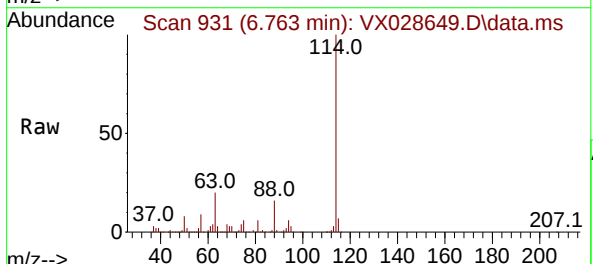
Tgt Ion:114 Resp: 482074

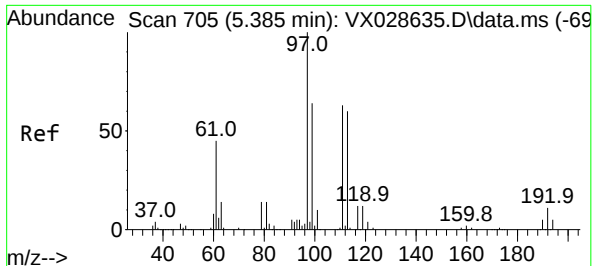
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.8

88 16.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.430 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028649.D

Acq: 12 May 2022 19:35

Instrument :

MSVOA_X

ClientSampleId :

MW-2D

Tgt Ion:113 Resp: 15612

Ion Ratio Lower Upper

113 100

111 104.2 82.8 124.2

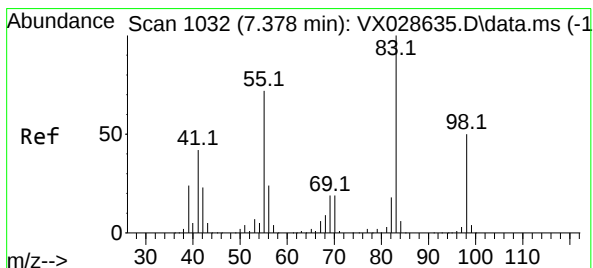
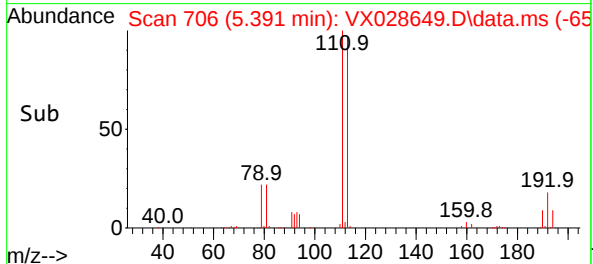
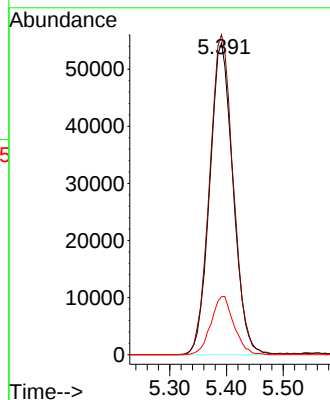
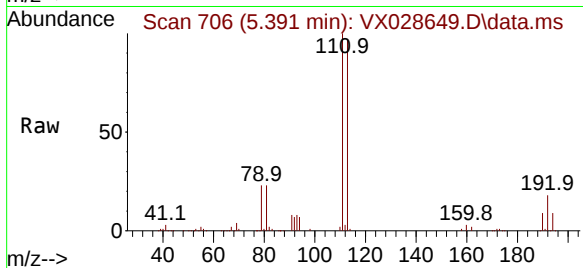
192 18.3 16.9 25.3

Manual Integrations

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Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#39

Methylcyclohexane

Concen: 41.124 ug/l

RT: 7.384 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX028649.D

Acq: 12 May 2022 19:35

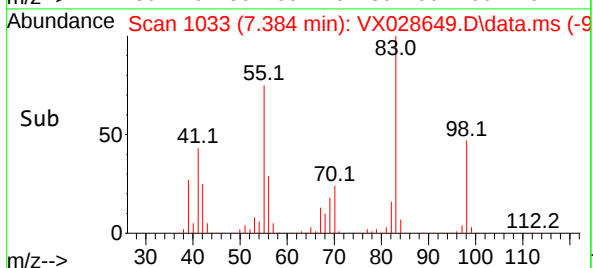
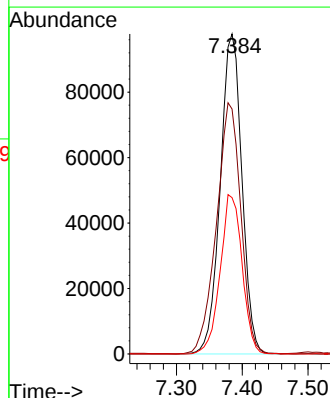
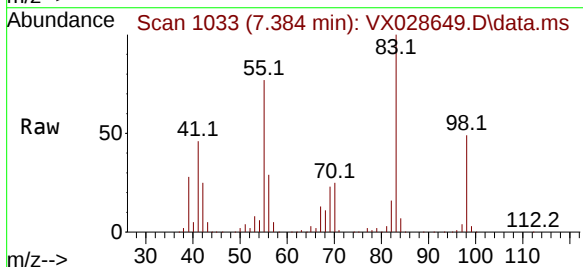
Tgt Ion: 83 Resp: 223731

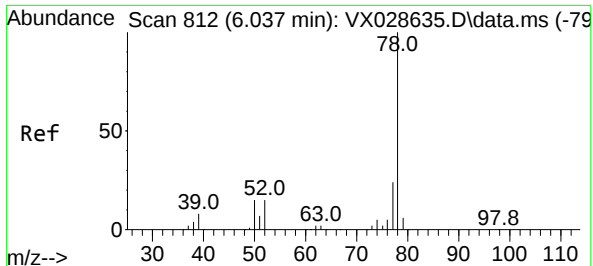
Ion Ratio Lower Upper

83 100

55 76.4 54.6 81.8

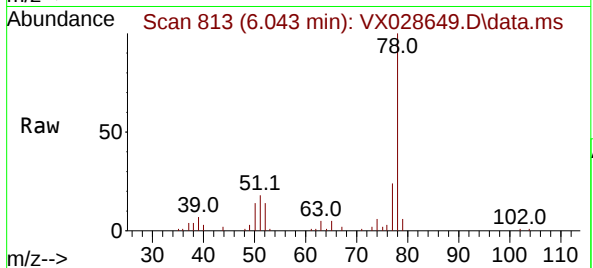
98 48.8 37.4 56.2





#40
Benzene
Concen: 2.087 ug/l
RT: 6.043 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX028649.D
Acq: 12 May 2022 19:35

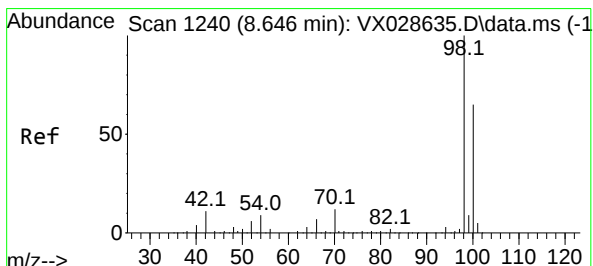
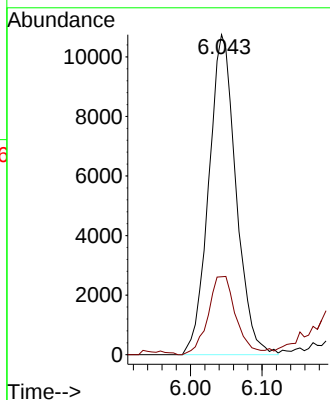
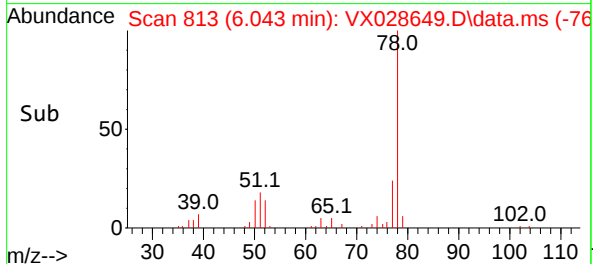
Instrument :
MSVOA_X
ClientSampleId :
MW-2D



Tgt Ion: 78 Resp: 2845
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9

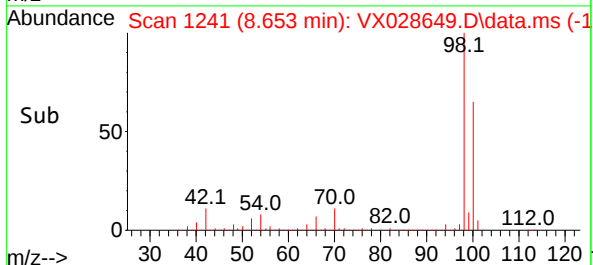
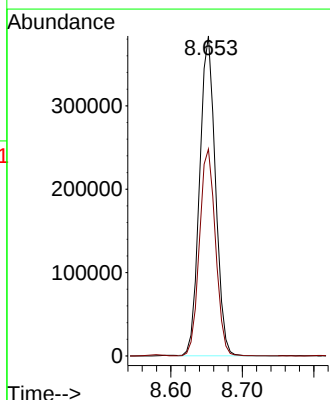
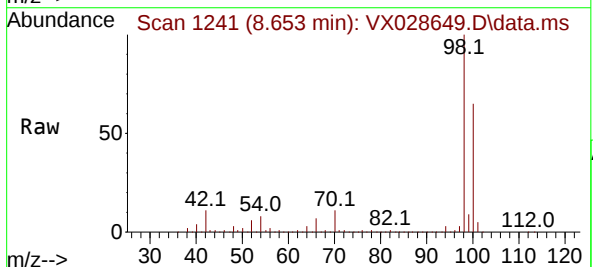
Manual Integrations
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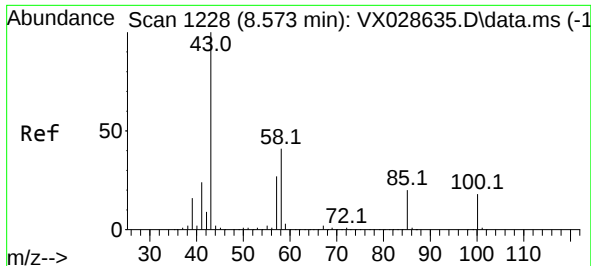
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#50
Toluene-d8
Concen: 49.466 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028649.D
Acq: 12 May 2022 19:35

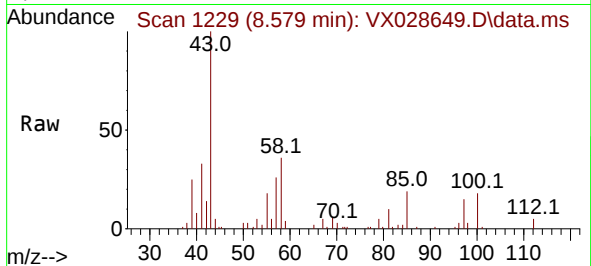
Tgt Ion: 98 Resp: 589041
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 2.865 ug/l
RT: 8.579 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX028649.D
Acq: 12 May 2022 19:35

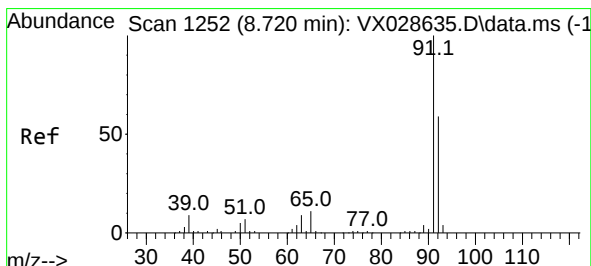
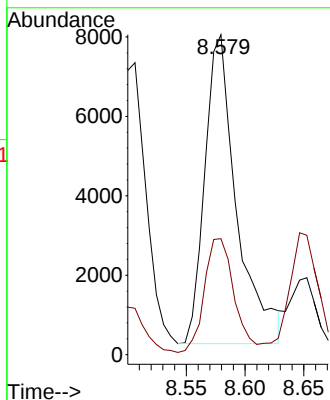
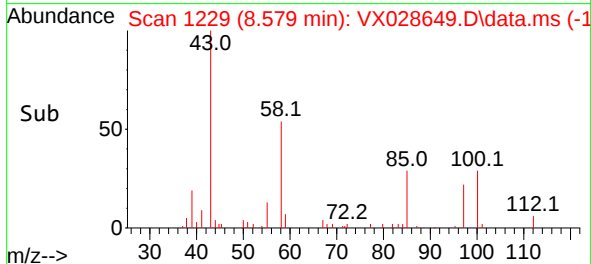
Instrument :
MSVOA_X
ClientSampleId :
MW-2D



Tgt Ion: 43 Resp: 14629
Ion Ratio Lower Upper
43 100
58 36.5 36.1 54.1

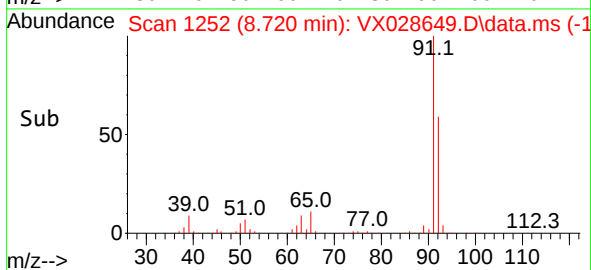
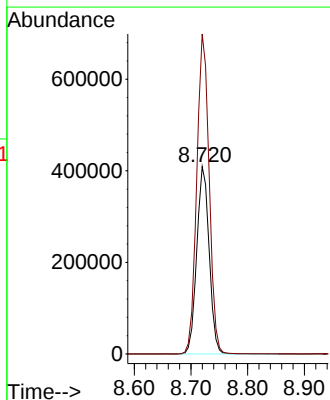
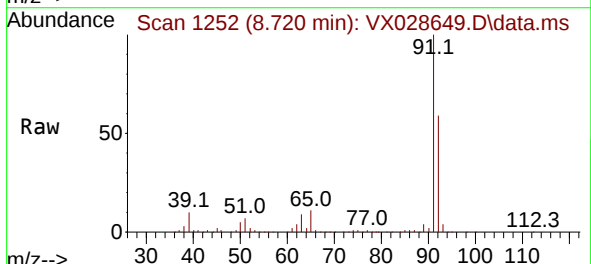
Manual Integrations
APPROVED

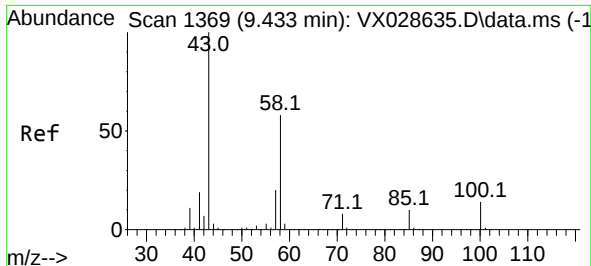
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#52
Toluene
Concen: 70.867 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028649.D
Acq: 12 May 2022 19:35

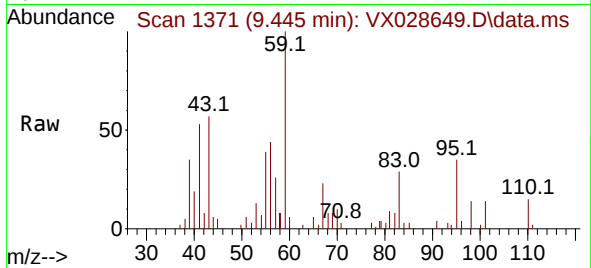
Tgt Ion: 92 Resp: 621541
Ion Ratio Lower Upper
92 100
91 170.4 137.5 206.3





#59
2-Hexanone
Concen: 1.024 ug/l m
RT: 9.445 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX028649.D
Acq: 12 May 2022 19:35

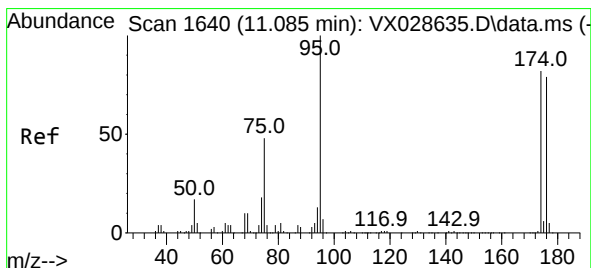
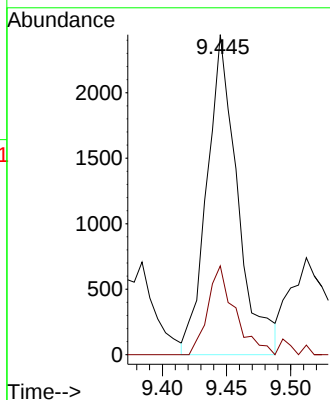
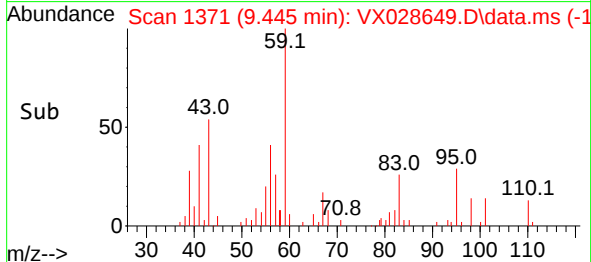
Instrument :
MSVOA_X
ClientSampleId :
MW-2D



Tgt Ion: 43 Resp: 406
Ion Ratio Lower Upper
43 100
58 91.2 31.9 95.7

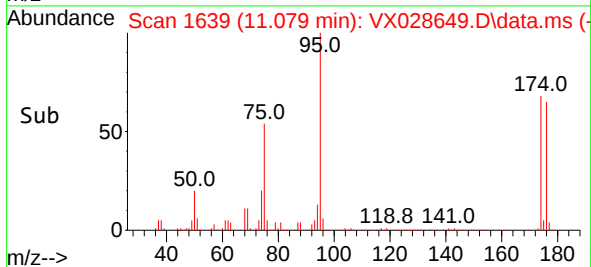
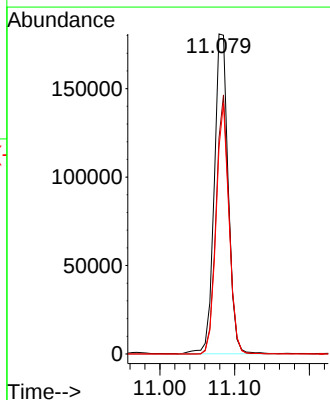
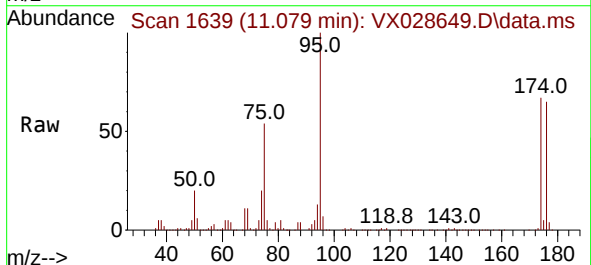
Manual Integrations
APPROVED

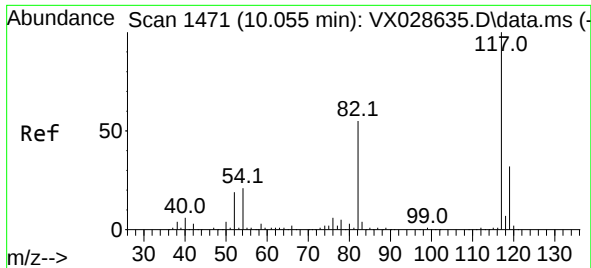
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#62
4-Bromofluorobenzene
Concen: 52.856 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028649.D
Acq: 12 May 2022 19:35

Tgt Ion: 95 Resp: 235089
Ion Ratio Lower Upper
95 100
174 75.1 0.0 163.0
176 72.0 0.0 155.0





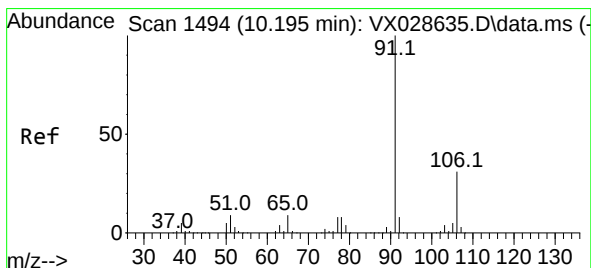
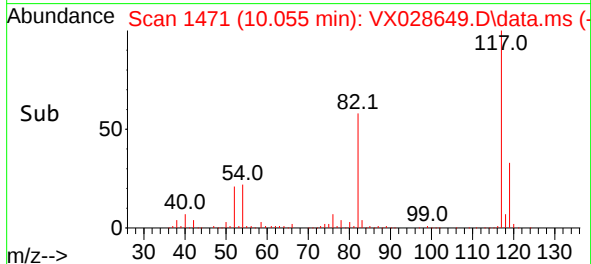
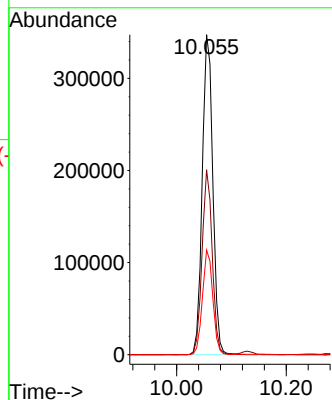
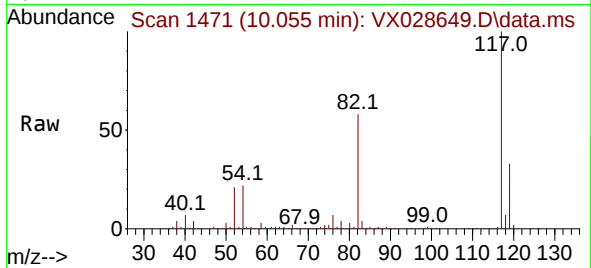
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028649.D
Acq: 12 May 2022 19:35

Instrument :
MSVOA_X
ClientSampleId :
MW-2D

Tgt Ion:117 Resp: 465080
Ion Ratio Lower Upper
117 100
82 57.7 41.8 62.8
119 32.7 24.8 37.2

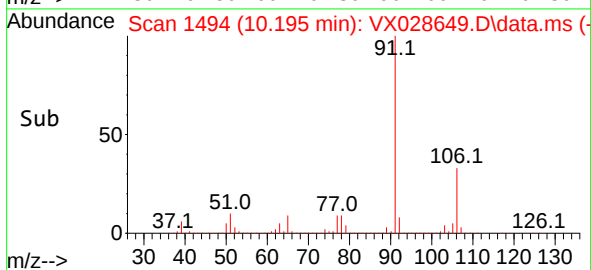
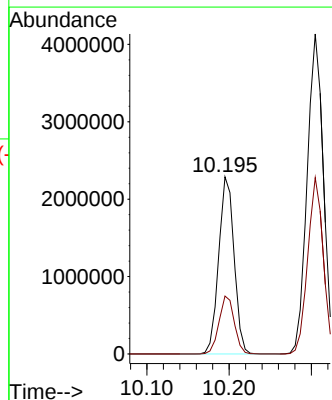
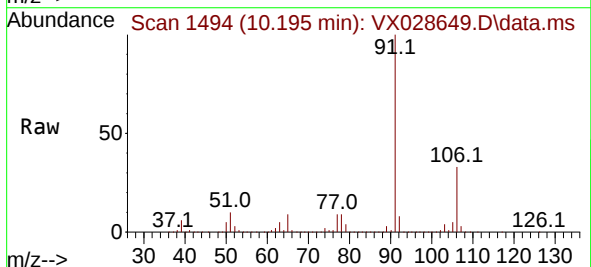
Manual Integrations
APPROVED

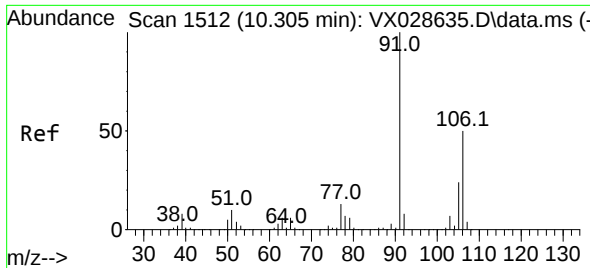
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#67
Ethyl Benzene
Concen: 168.721 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX028649.D
Acq: 12 May 2022 19:35

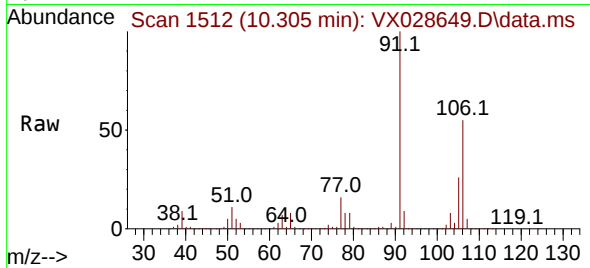
Tgt Ion: 91 Resp: 2983750
Ion Ratio Lower Upper
91 100
106 32.7 24.6 36.8





#68
m/p-Xylenes
Concen: 433.676 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028649.D
Acq: 12 May 2022 19:35

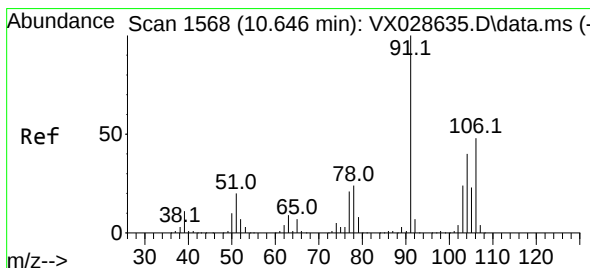
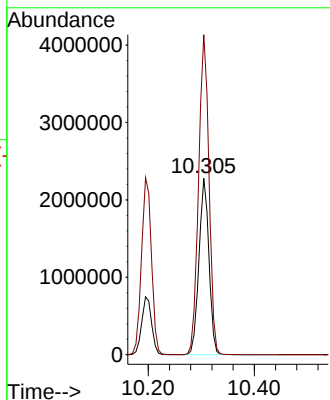
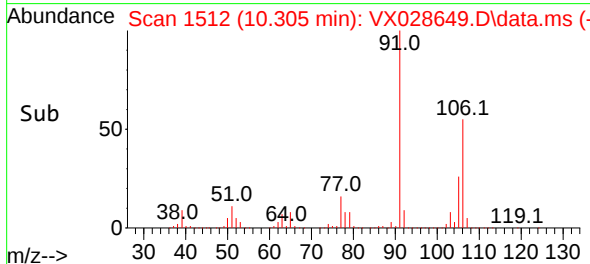
Instrument :
MSVOA_X
ClientSampleId :
MW-2D



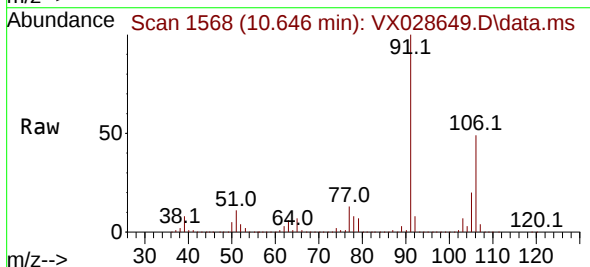
Tgt Ion:106 Resp: 2985880
Ion Ratio Lower Upper
106 100
91 188.7 160.4 240.6

Manual Integrations
APPROVED

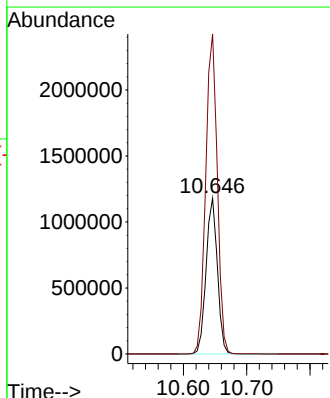
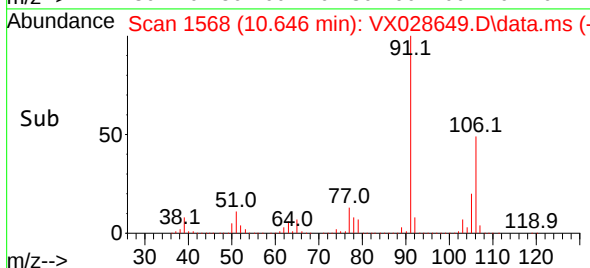
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

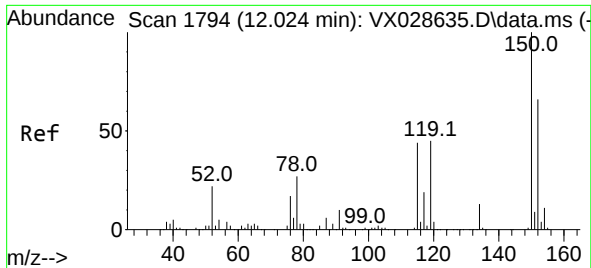


#69
o-Xylene
Concen: 216.333 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX028649.D
Acq: 12 May 2022 19:35



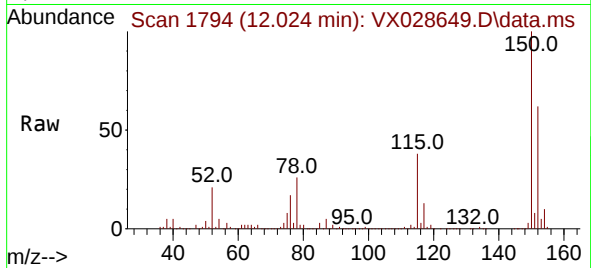
Tgt Ion:106 Resp: 1466456
Ion Ratio Lower Upper
106 100
91 211.1 106.1 318.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX028649.D
Acq: 12 May 2022 19:35

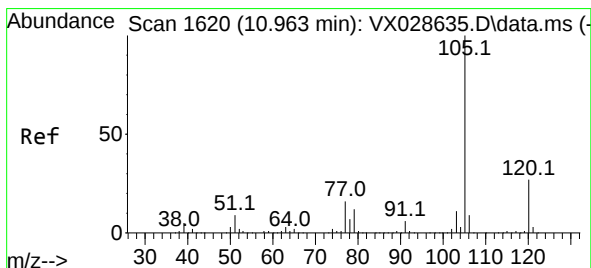
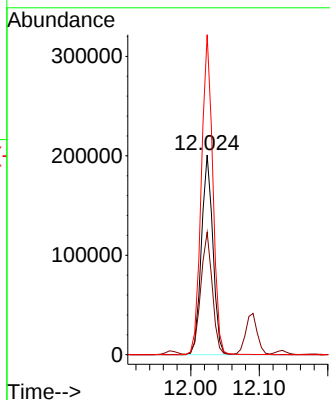
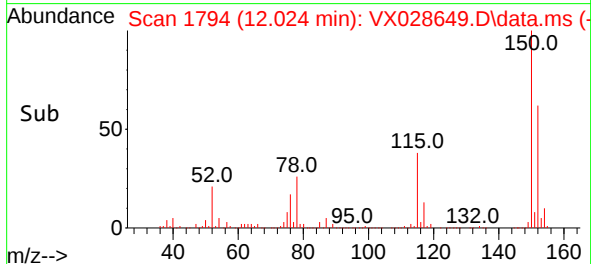
Instrument :
MSVOA_X
ClientSampleId :
MW-2D



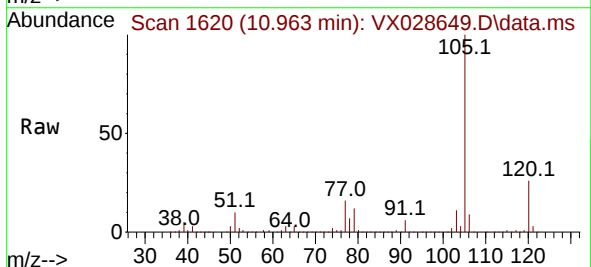
Tgt Ion:152 Resp: 234589
Ion Ratio Lower Upper
152 100
115 61.0 37.5 112.7
150 159.6 0.0 338.2

Manual Integrations
APPROVED

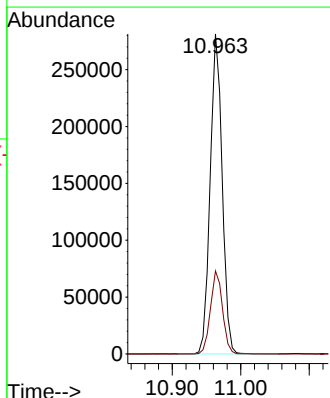
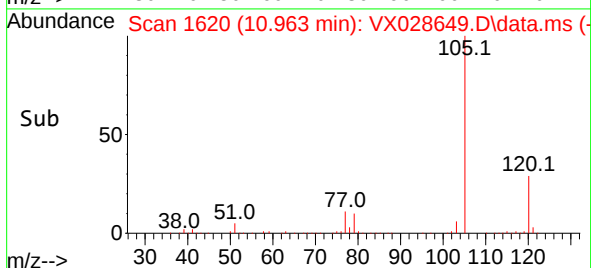
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

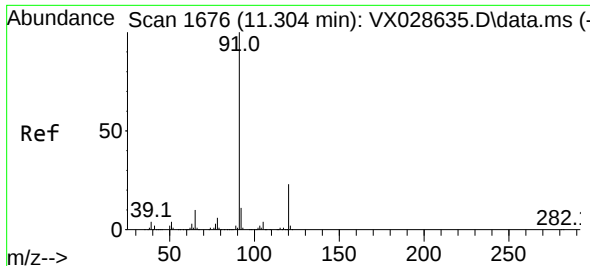


#73
Isopropylbenzene
Concen: 19.285 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028649.D
Acq: 12 May 2022 19:35



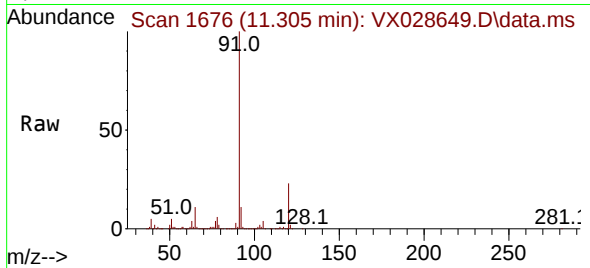
Tgt Ion:105 Resp: 343085
Ion Ratio Lower Upper
105 100
120 26.1 13.5 40.5





#78
n-propylbenzene
Concen: 37.866 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX028649.D
Acq: 12 May 2022 19:35

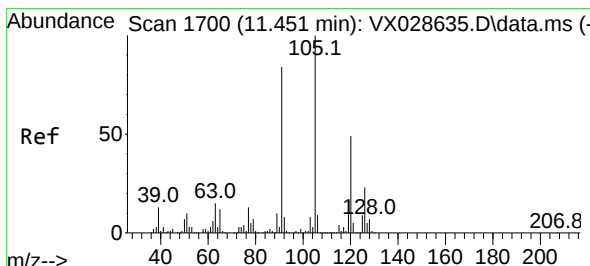
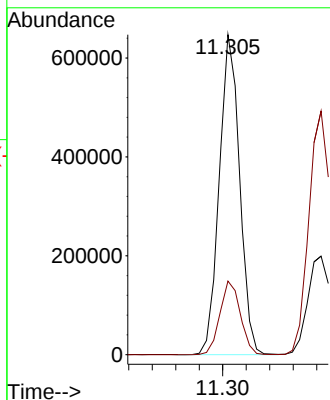
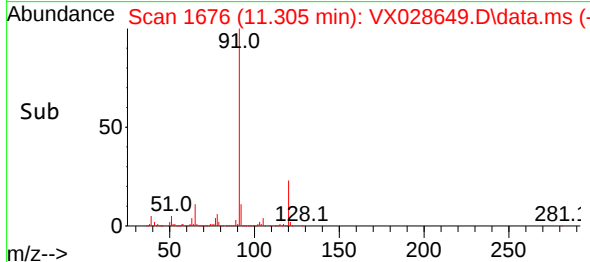
Instrument :
MSVOA_X
ClientSampleId :
MW-2D



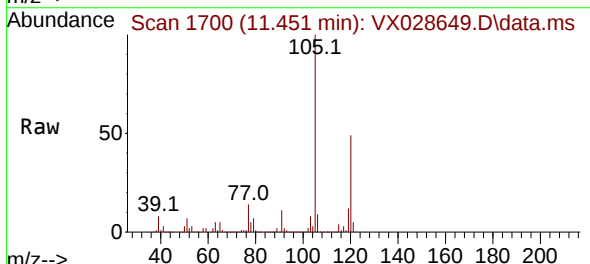
Tgt Ion: 91 Resp: 779214
Ion Ratio Lower Upper
91 100
120 23.1 11.6 34.8

Manual Integrations
APPROVED

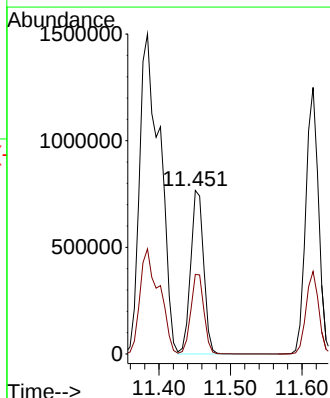
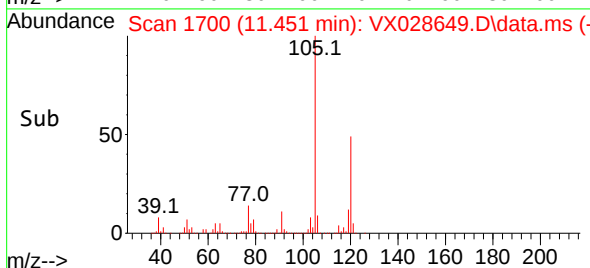
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

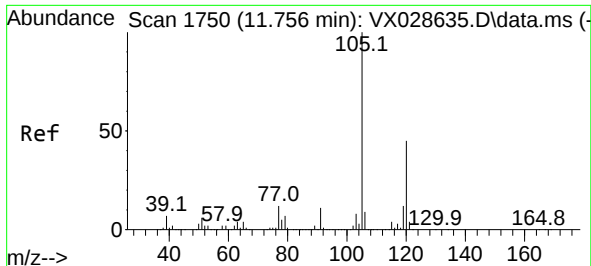


#80
1,3,5-Trimethylbenzene
Concen: 65.236 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX028649.D
Acq: 12 May 2022 19:35



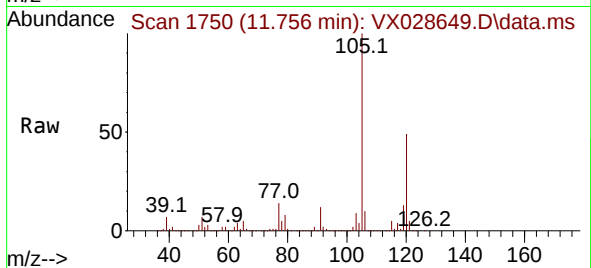
Tgt Ion:105 Resp: 967034
Ion Ratio Lower Upper
105 100
120 48.9 24.3 72.9





#84
1,2,4-Trimethylbenzene
Concen: 220.263 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028649.D
Acq: 12 May 2022 19:35

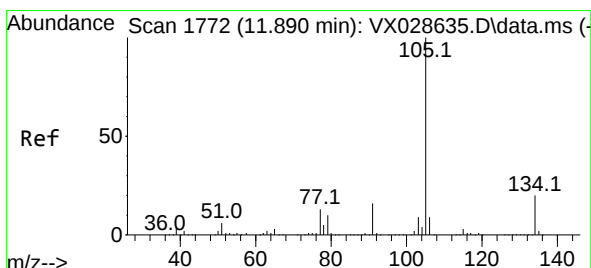
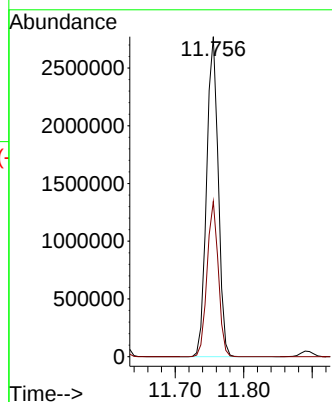
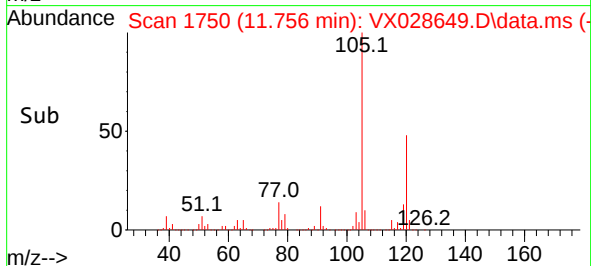
Instrument :
MSVOA_X
ClientSampleId :
MW-2D



Tgt Ion:105 Resp: 327418
Ion Ratio Lower Upper
105 100
120 46.8 22.6 67.8

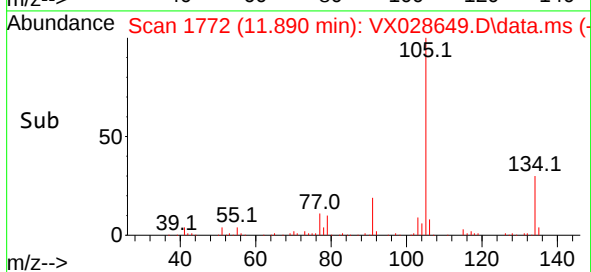
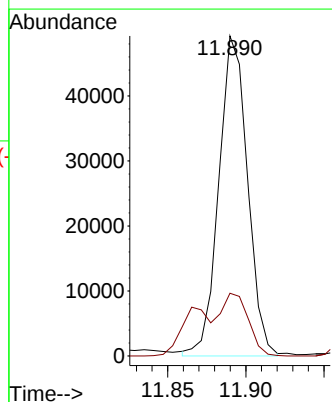
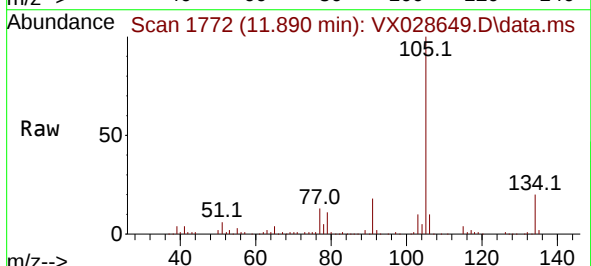
Manual Integrations
APPROVED

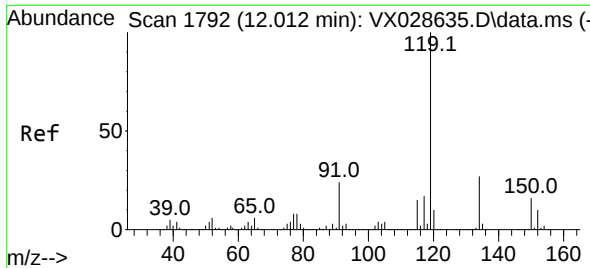
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#85
sec-Butylbenzene
Concen: 3.551 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX028649.D
Acq: 12 May 2022 19:35

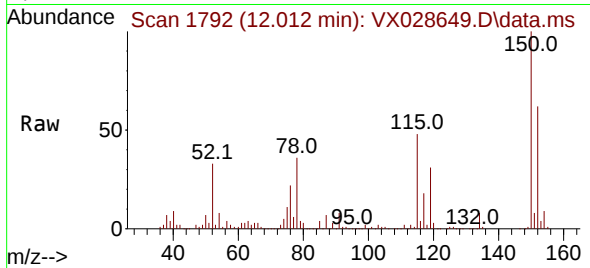
Tgt Ion:105 Resp: 62868
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#





#86
p-Isopropyltoluene
Concen: 2.250 ug/l m
RT: 12.012 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX028649.D
Acq: 12 May 2022 19:35

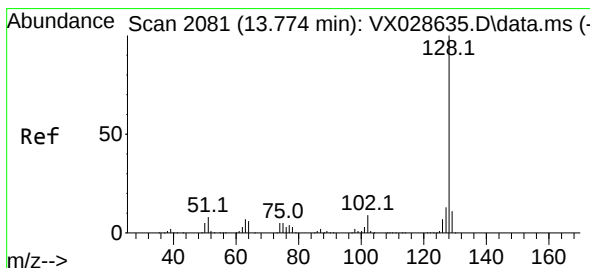
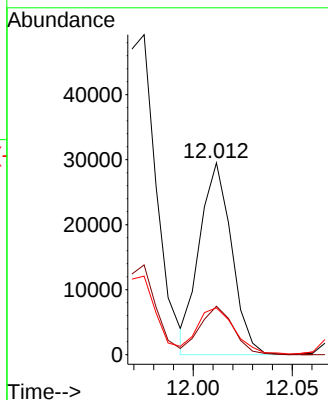
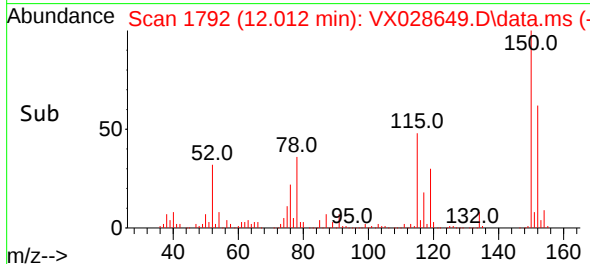
Instrument :
MSVOA_X
ClientSampleId :
MW-2D



Tgt Ion:119 Resp: 3343
Ion Ratio Lower Upper
119 100
134 49.3 13.0 39.0
91 45.3 11.3 33.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#95
Naphthalene
Concen: 64.800 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX028649.D
Acq: 12 May 2022 19:35

Tgt Ion:128 Resp: 1080210
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.1 8.7 13.1

