

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072822\
 Data File : VX030275.D
 Acq On : 28 Jul 2022 17:21
 Operator : JC/MD
 Sample : N3889-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9

Quant Time: Jul 29 05:58:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/29/2022
 Supervised By : Mahesh Dadoda 07/29/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	128359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	239393	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	152227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	139470	54.059	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.120%			
35) Dibromofluoromethane	5.391	113	109216	47.724	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.440%			
50) Toluene-d8	8.653	98	410945	46.369	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.740%			
62) 4-Bromofluorobenzene	11.085	95	158046	48.052	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.100%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.965	59	38433	61.071	ug/l	99
16) Acetone	2.386	43	58114	43.997	ug/l	95
17) Carbon Disulfide	2.514	76	4335	0.801	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	82859	12.064	ug/l #	34
22) Diisopropyl ether	3.769	45	16971	2.168	ug/l #	75
25) 2-Butanone	4.574	43	18335	8.260	ug/l	99
31) Cyclohexane	5.483	56	21114	5.637	ug/l #	84
39) Methylcyclohexane	7.385	83	33002	7.763	ug/l	90
40) Benzene	6.043	78	166299	16.049	ug/l	97
52) Toluene	8.726	92	11068	1.751	ug/l	98
67) Ethyl Benzene	10.195	91	74255	6.294	ug/l	96
68) m/p-Xylenes	10.305	106	365927	81.156	ug/l	95
69) o-Xylene	10.646	106	168850	37.995	ug/l	93
73) Isopropylbenzene	10.963	105	69696	5.865	ug/l	99
78) n-propylbenzene	11.311	91	195526	13.785	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	2816888	283.081	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	7266147	731.917	ug/l	98
85) sec-Butylbenzene	11.896	105	98341m	7.790	ug/l	
86) p-Isopropyltoluene	12.012	119	113222	11.210	ug/l	94

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

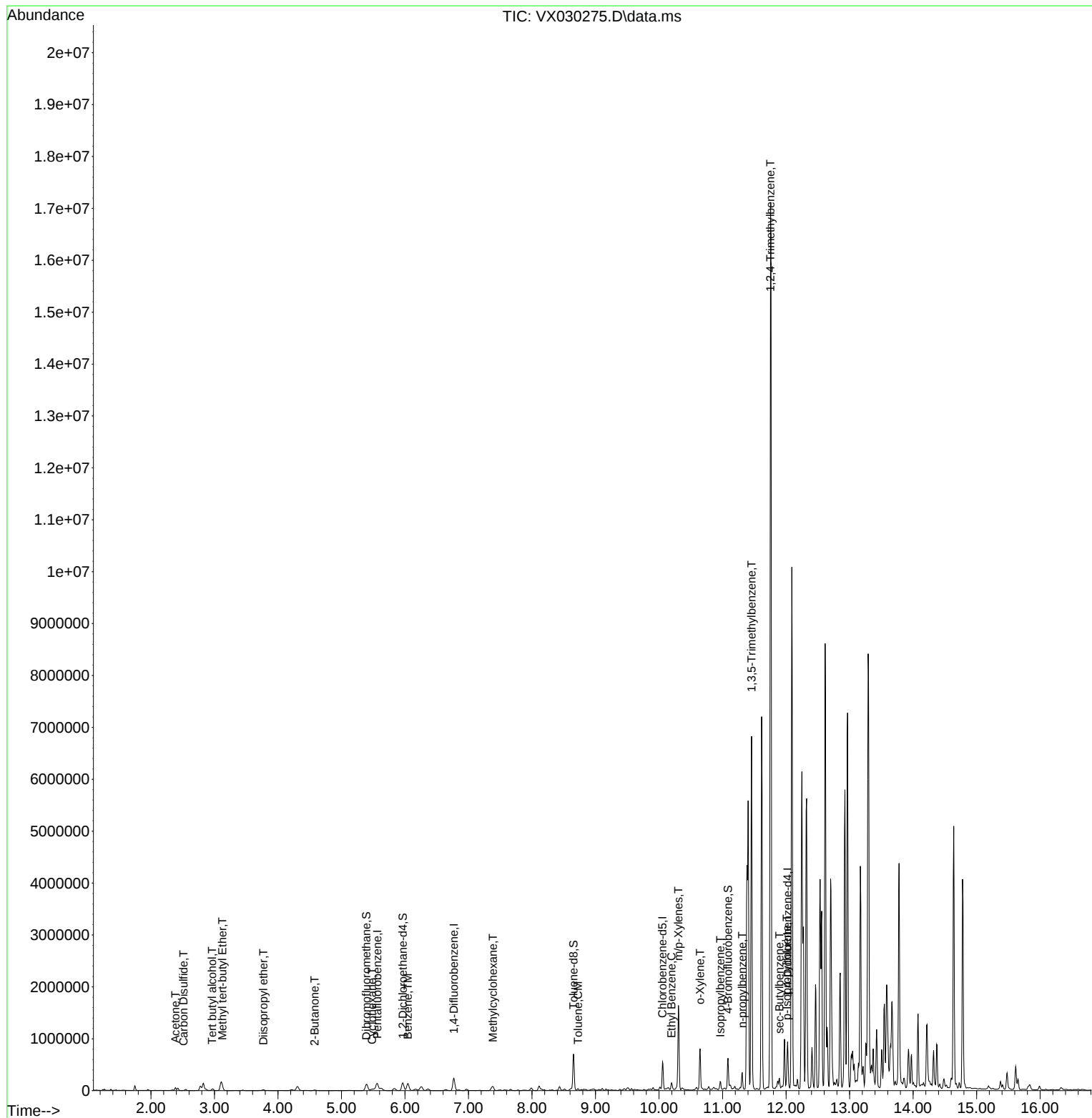
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072822\
Data File : VX030275.D
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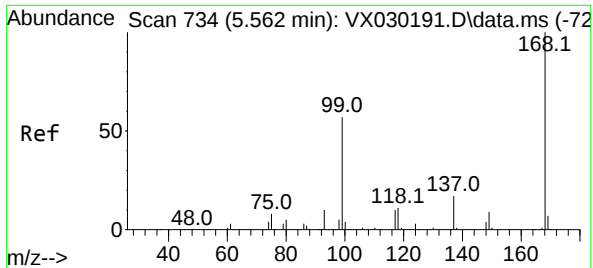
Instrument :
MSVOA_X
ClientSampleId :
MW-9

Quant Time: Jul 29 05:58:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
Response via : Initial Calibration

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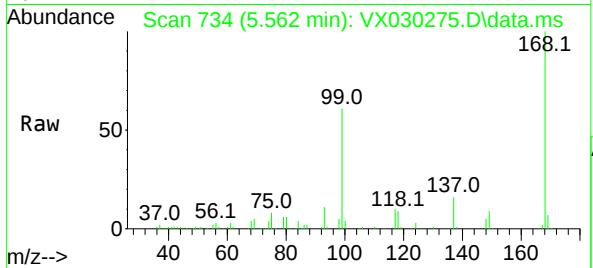
Reviewed By : John Carlone 07/29/2022
Supervised By : Mahesh Dadoda 07/29/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX030275.D
Acq: 28 Jul 2022 17:21

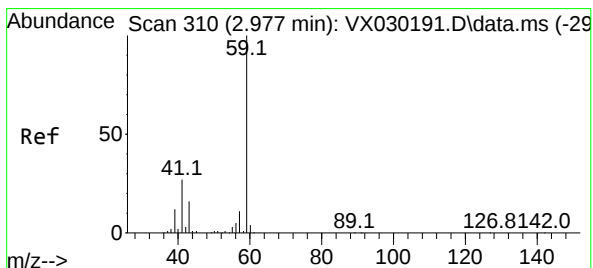
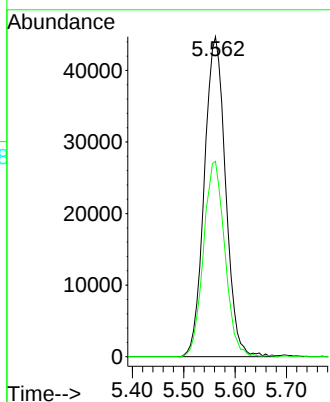
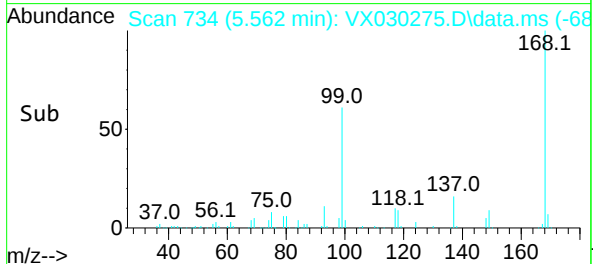
Instrument :
MSVOA_X
ClientSampleId :
MW-9



Tgt Ion:168 Resp: 128359
Ion Ratio Lower Upper
168 100
99 61.1 44.0 66.0

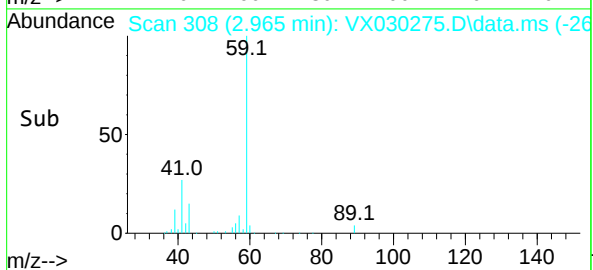
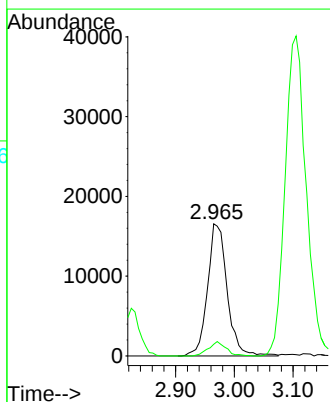
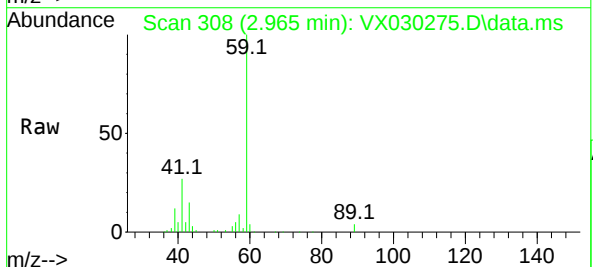
Manual Integrations
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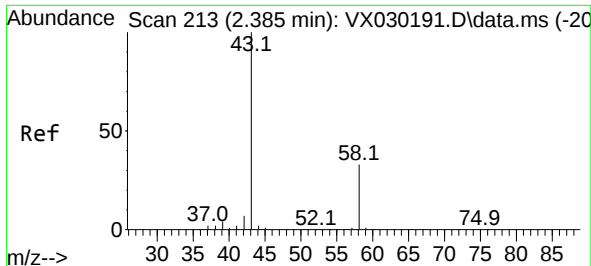
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#11
Tert butyl alcohol
Concen: 61.071 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX030275.D
Acq: 28 Jul 2022 17:21

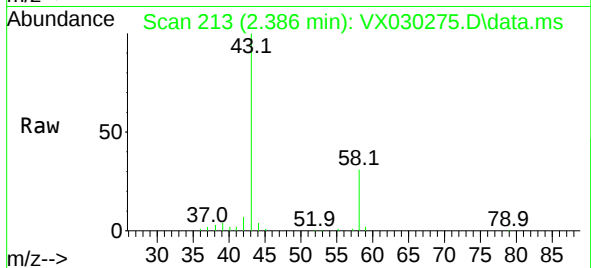
Tgt Ion: 59 Resp: 38433
Ion Ratio Lower Upper
59 100
57 9.8 7.4 11.2





#16
Acetone
Concen: 43.997 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030275.D
Acq: 28 Jul 2022 17:21

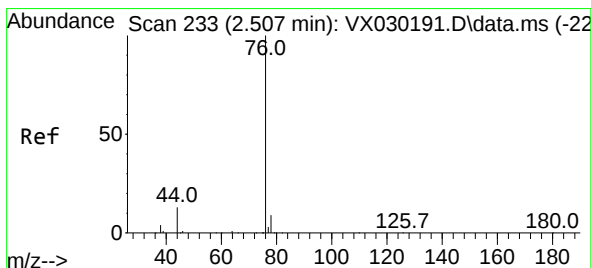
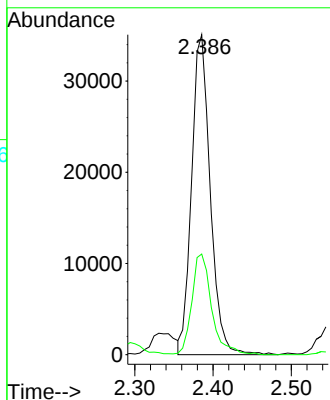
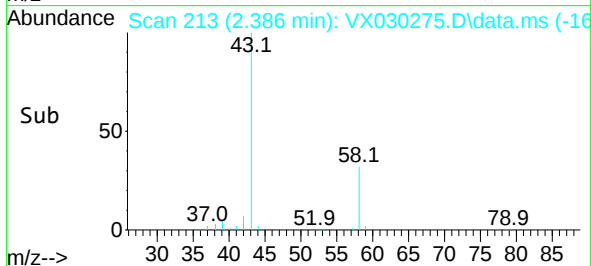
Instrument :
MSVOA_X
ClientSampleId :
MW-9



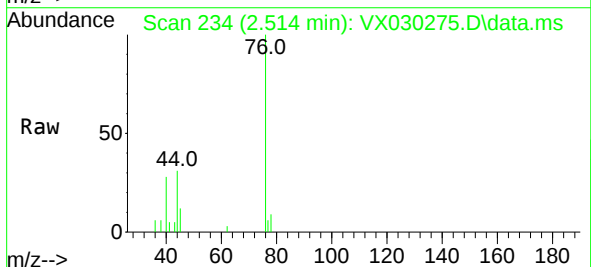
Tgt Ion: 43 Resp: 58114
Ion Ratio Lower Upper
43 100
58 31.5 27.7 41.5

Manual Integrations
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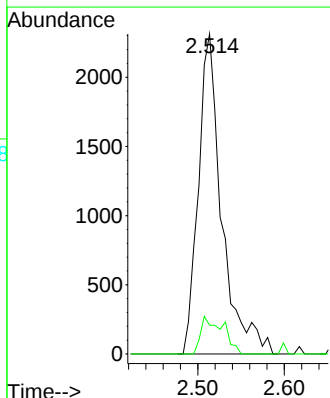
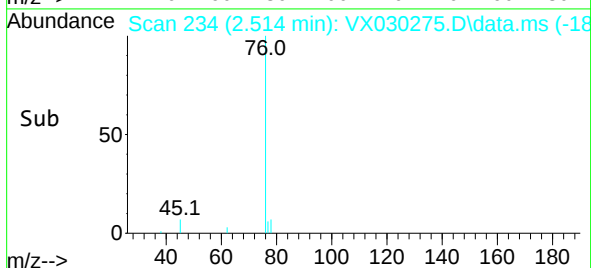
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

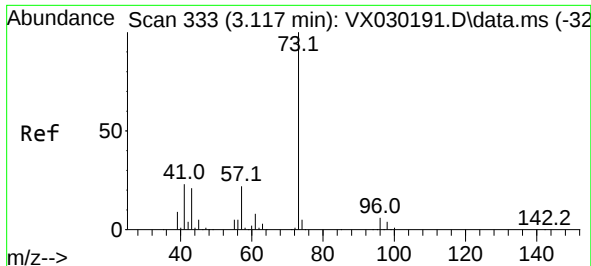


#17
Carbon Disulfide
Concen: 0.801 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.007 min
Lab File: VX030275.D
Acq: 28 Jul 2022 17:21



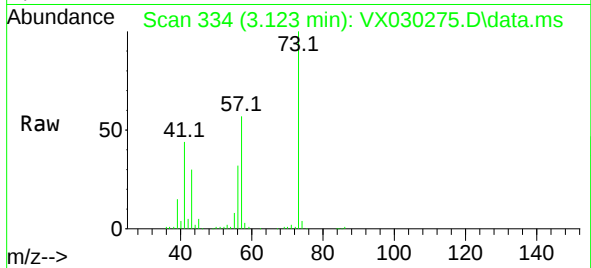
Tgt Ion: 76 Resp: 4335
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.6





#19
Methyl tert-butyl Ether
Concen: 12.064 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX030275.D
Acq: 28 Jul 2022 17:21

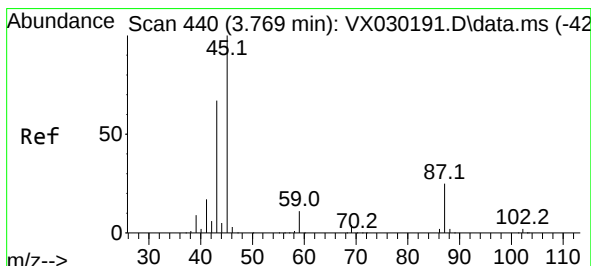
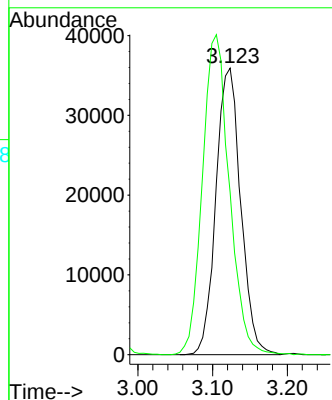
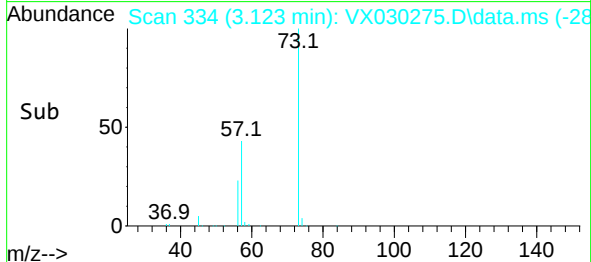
Instrument :
MSVOA_X
ClientSampleId :
MW-9



Tgt Ion: 73 Resp: 8285
Ion Ratio Lower Upper
73 100
57 56.3 19.0 28.6

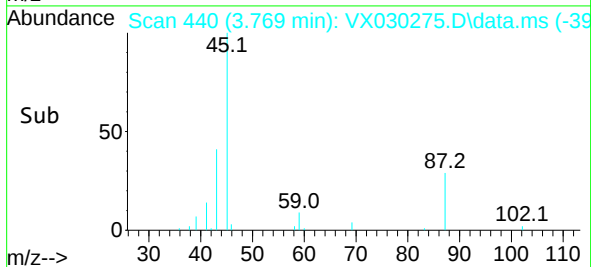
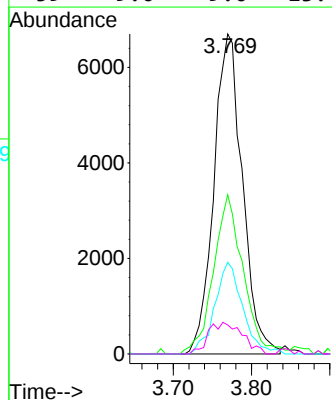
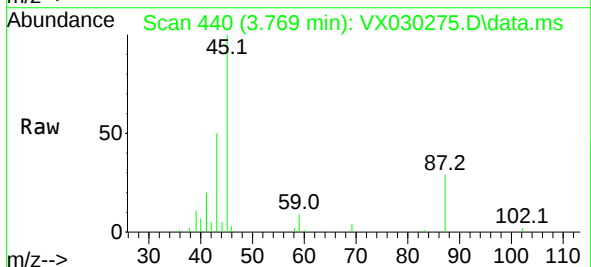
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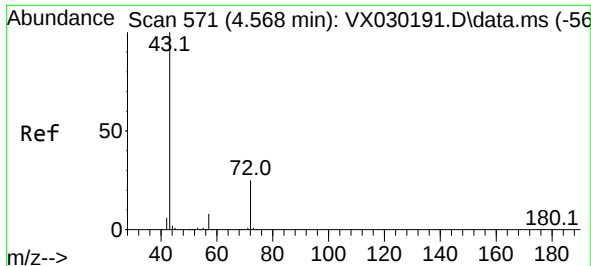
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#22
Diisopropyl ether
Concen: 2.168 ug/l
RT: 3.769 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX030275.D
Acq: 28 Jul 2022 17:21

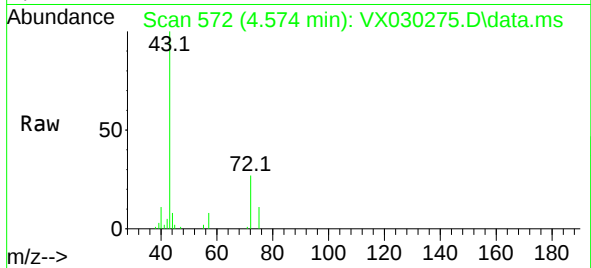
Tgt Ion: 45 Resp: 16971
Ion Ratio Lower Upper
45 100
43 49.8 65.4 98.0#
87 28.6 22.3 33.5
59 9.0 9.0 13.4





#25
2-Butanone
Concen: 8.260 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX030275.D
Acq: 28 Jul 2022 17:21

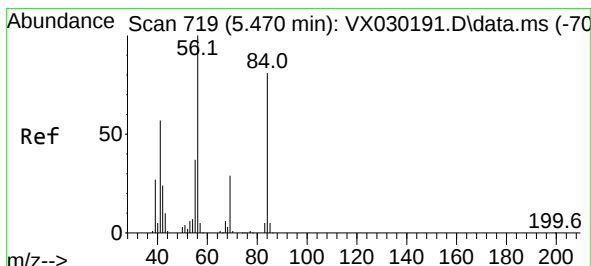
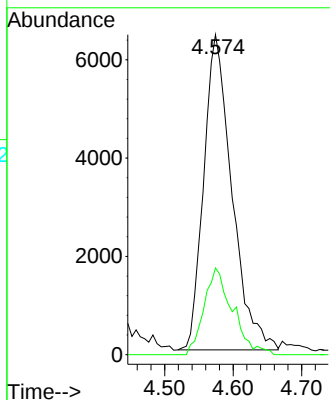
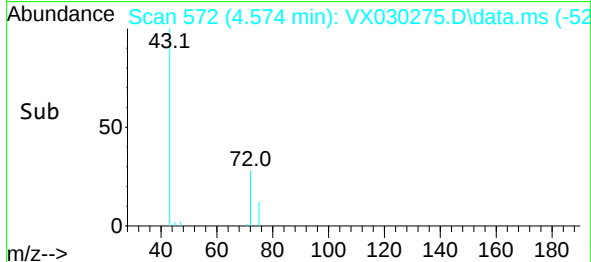
Instrument :
MSVOA_X
ClientSampleId :
MW-9



Tgt Ion: 43 Resp: 1833
Ion Ratio Lower Upper
43 100
72 27.5 21.7 32.5

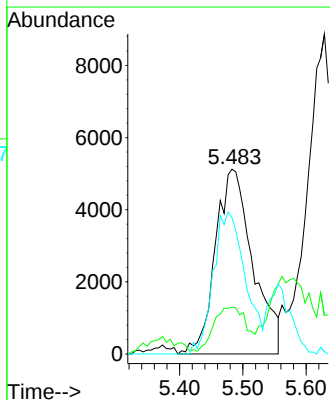
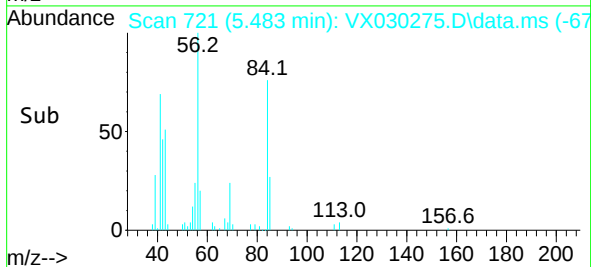
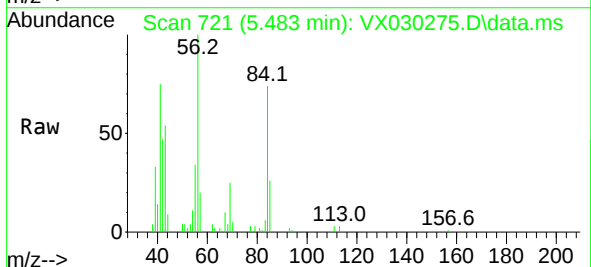
Manual Integrations
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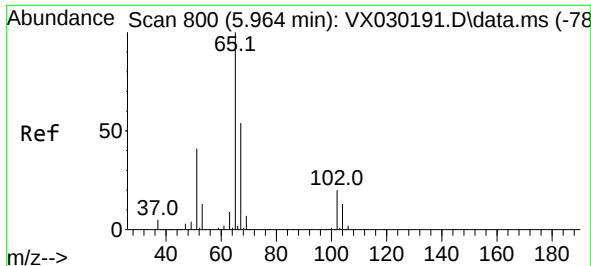
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#31
Cyclohexane
Concen: 5.637 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.013 min
Lab File: VX030275.D
Acq: 28 Jul 2022 17:21

Tgt Ion: 56 Resp: 21114
Ion Ratio Lower Upper
56 100
69 19.6 25.4 38.0#
84 73.9 68.9 103.3





#33

1,2-Dichloroethane-d4

Concen: 54.059 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX030275.D

Acq: 28 Jul 2022 17:21

Instrument :

MSVOA_X

ClientSampleId :

MW-9

Tgt Ion: 65 Resp: 139470

Ion Ratio Lower Upper

65 100

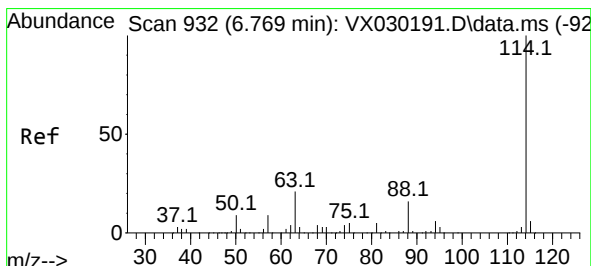
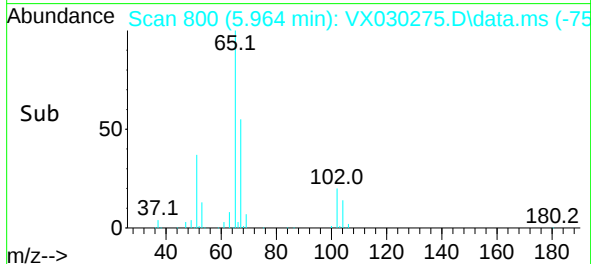
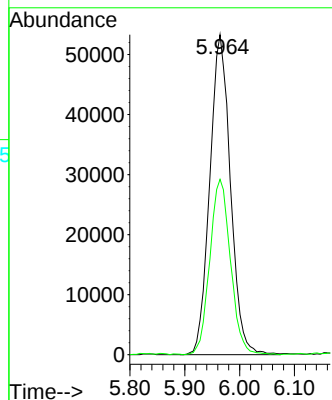
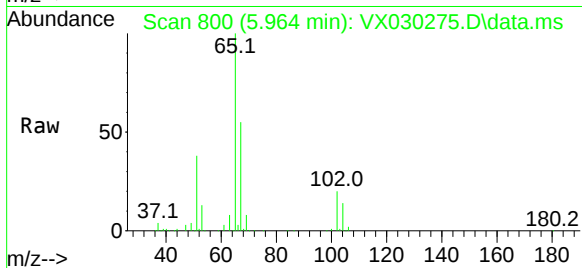
67 54.8 0.0 109.6

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 07/29/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX030275.D

Acq: 28 Jul 2022 17:21

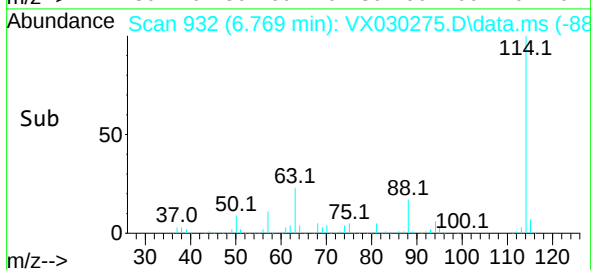
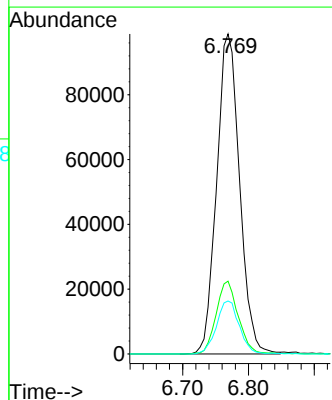
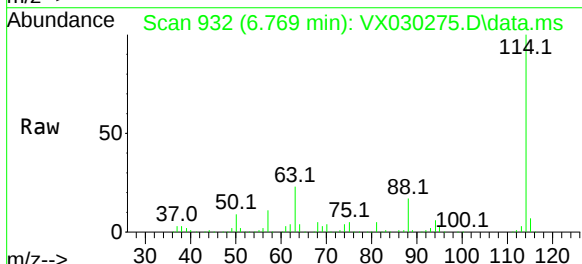
Tgt Ion:114 Resp: 239393

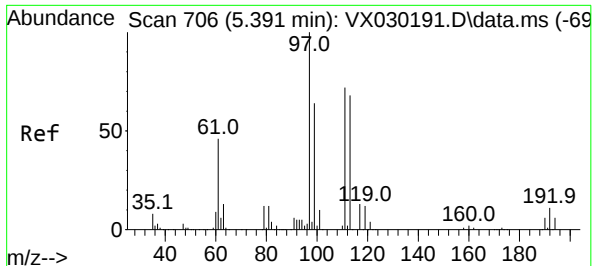
Ion Ratio Lower Upper

114 100

63 22.8 0.0 38.4

88 16.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.724 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030275.D

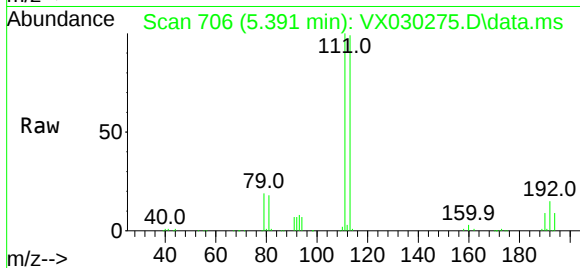
Acq: 28 Jul 2022 17:21

Instrument :

MSVOA_X

ClientSampleId :

MW-9



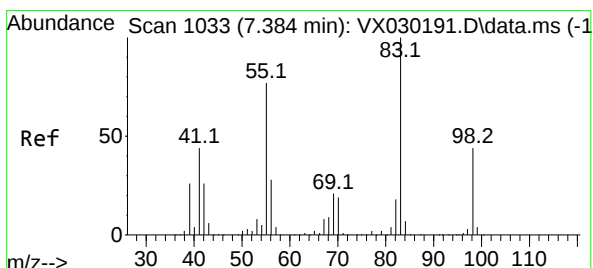
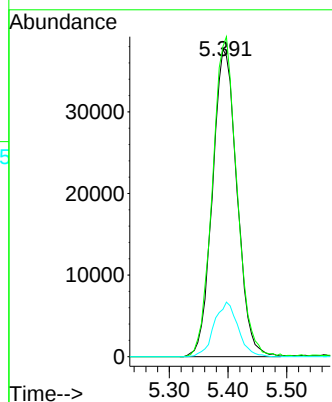
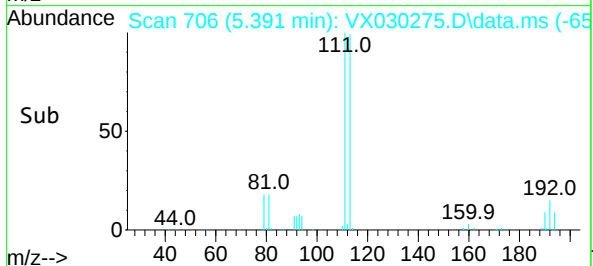
Tgt Ion:	113	Resp:	109210
Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.2	124.8
192	17.4	14.8	22.2

Manual Integrations

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Supervised By :Mahesh Dadoda 07/29/2022



#39

Methylcyclohexane

Concen: 7.763 ug/l

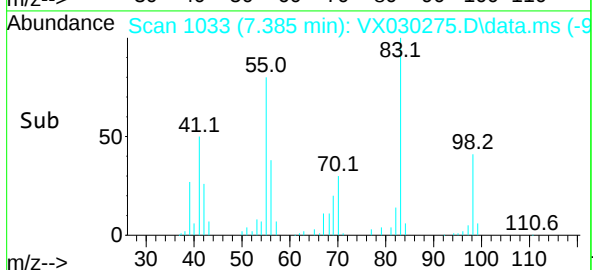
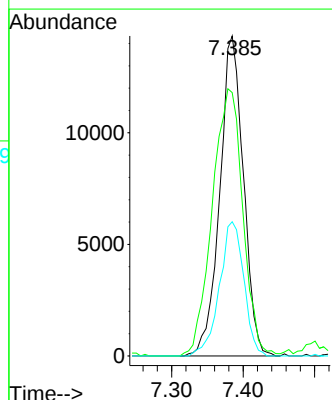
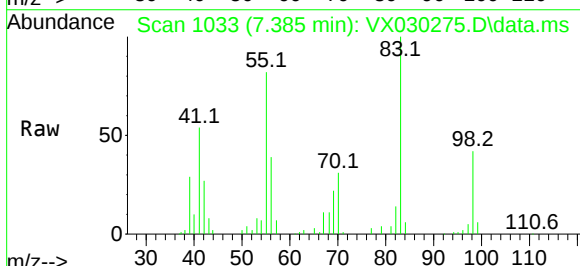
RT: 7.385 min Scan# 1033

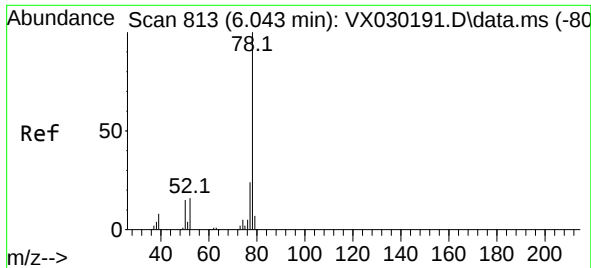
Delta R.T. 0.001 min

Lab File: VX030275.D

Acq: 28 Jul 2022 17:21

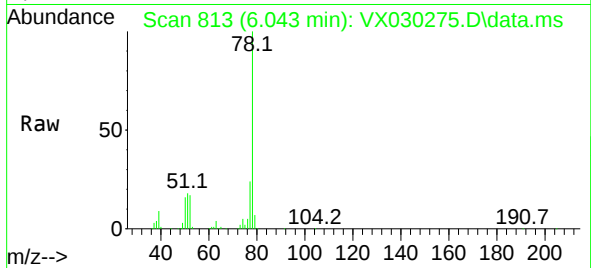
Tgt Ion:	83	Resp:	33002
Ion	Ratio	Lower	Upper
83	100		
55	82.3	57.7	86.5
98	42.0	36.5	54.7





#40
Benzene
Concen: 16.049 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX030275.D
Acq: 28 Jul 2022 17:21

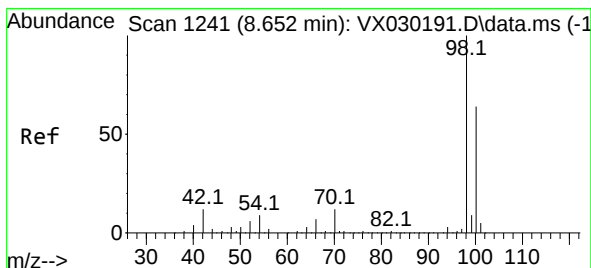
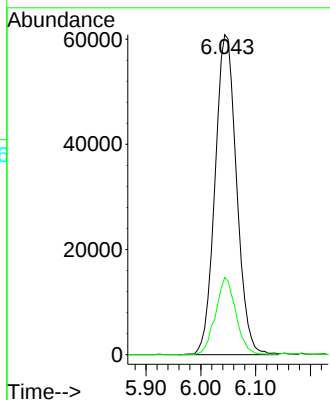
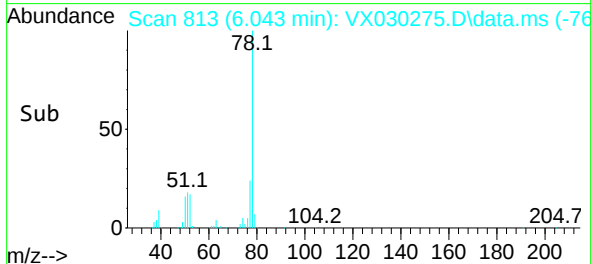
Instrument :
MSVOA_X
ClientSampleId :
MW-9



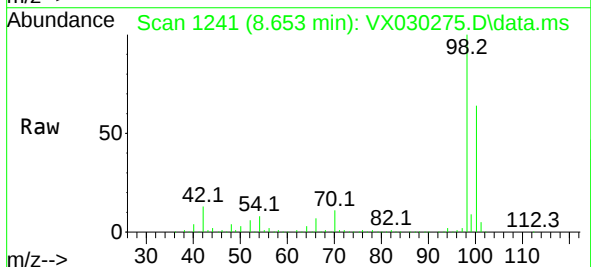
Tgt Ion: 78 Resp: 166295
Ion Ratio Lower Upper
78 100
77 24.2 18.0 27.0

Manual Integrations
APPROVED

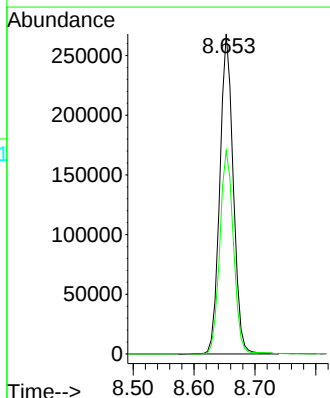
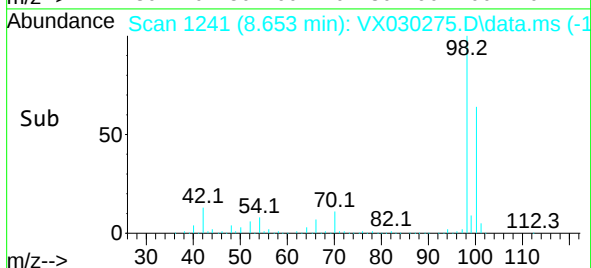
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

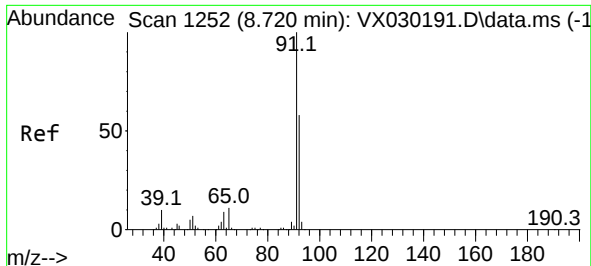


#50
Toluene-d8
Concen: 46.369 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030275.D
Acq: 28 Jul 2022 17:21



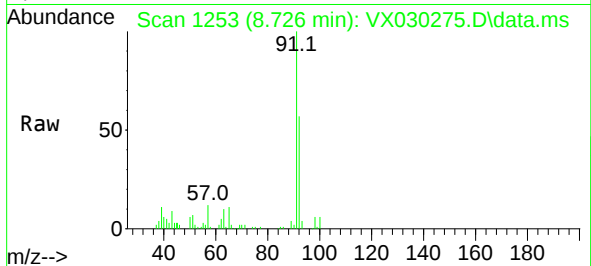
Tgt Ion: 98 Resp: 410945
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5





#52
Toluene
Concen: 1.751 ug/l
RT: 8.726 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VX030275.D
Acq: 28 Jul 2022 17:21

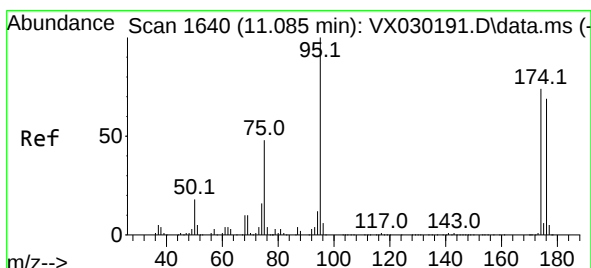
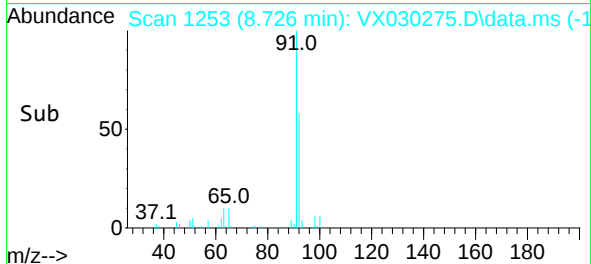
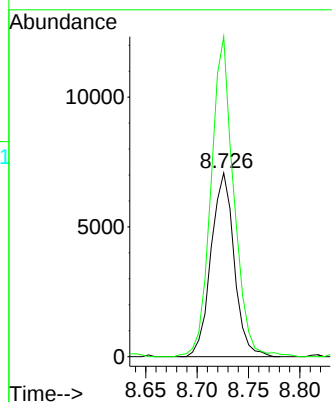
Instrument :
MSVOA_X
ClientSampleId :
MW-9



Tgt Ion: 92 Resp: 1106
Ion Ratio Lower Upper
92 100
91 171.8 139.2 208.8

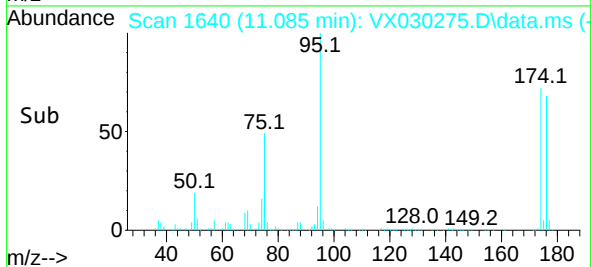
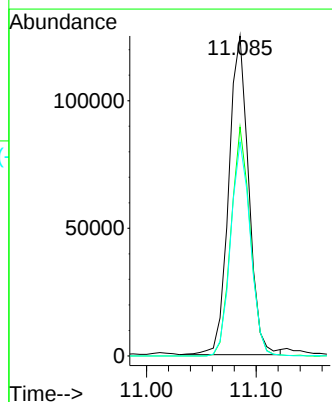
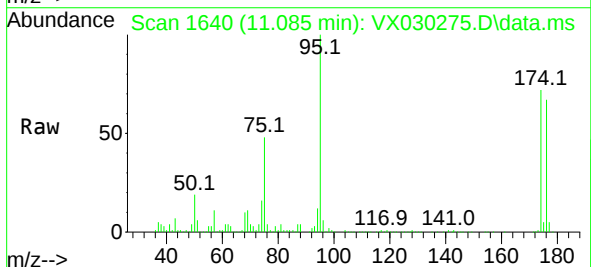
Manual Integrations
APPROVED

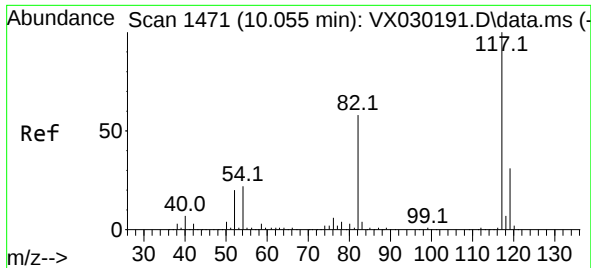
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#62
4-Bromofluorobenzene
Concen: 48.052 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030275.D
Acq: 28 Jul 2022 17:21

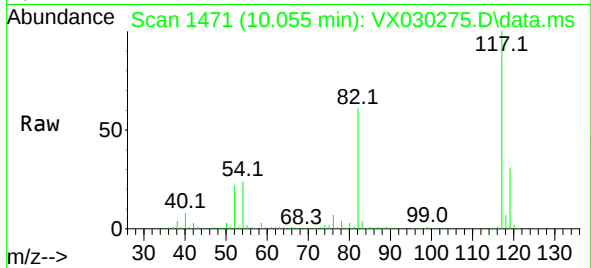
Tgt Ion: 95 Resp: 158046
Ion Ratio Lower Upper
95 100
174 68.8 0.0 149.0
176 66.2 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030275.D
Acq: 28 Jul 2022 17:21

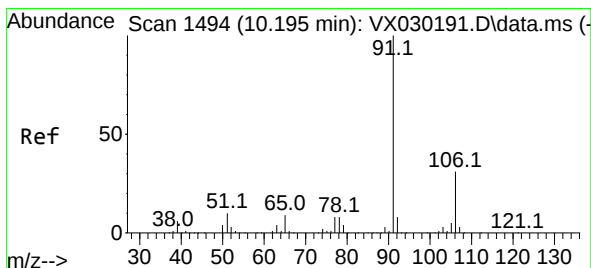
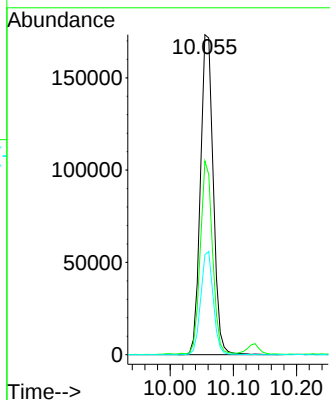
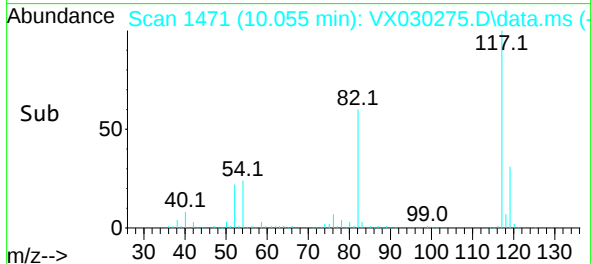
Instrument :
MSVOA_X
ClientSampleId :
MW-9



Tgt Ion:117 Resp: 24502
Ion Ratio Lower Upper
117 100
82 60.3 42.7 64.1
119 31.2 25.4 38.2

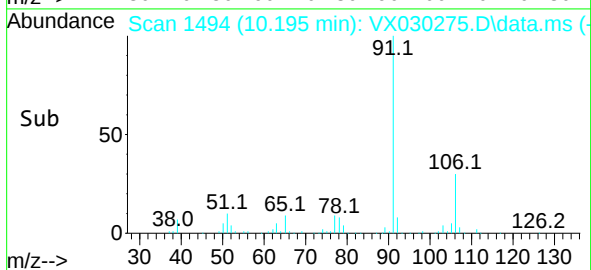
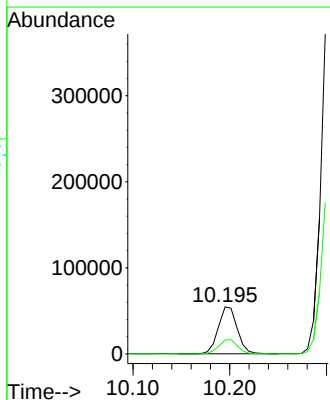
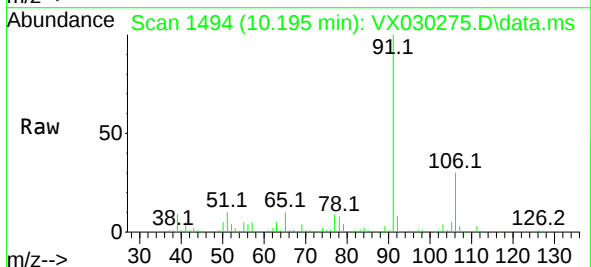
Manual Integrations
APPROVED

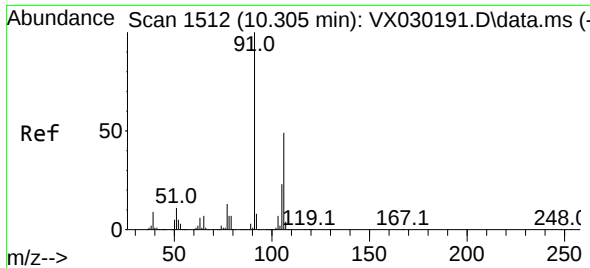
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#67
Ethyl Benzene
Concen: 6.294 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030275.D
Acq: 28 Jul 2022 17:21

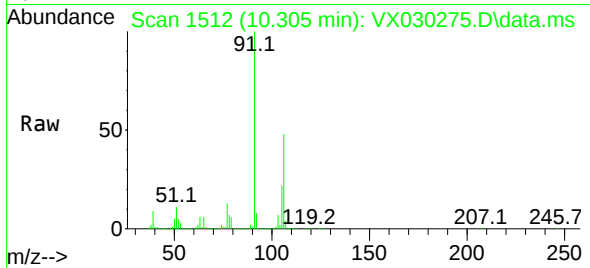
Tgt Ion: 91 Resp: 74255
Ion Ratio Lower Upper
91 100
106 29.7 25.5 38.3





#68
m/p-Xylenes
Concen: 81.156 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030275.D
Acq: 28 Jul 2022 17:21

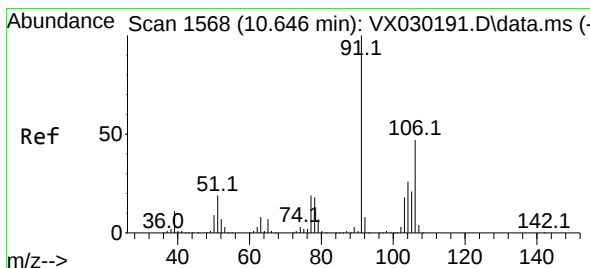
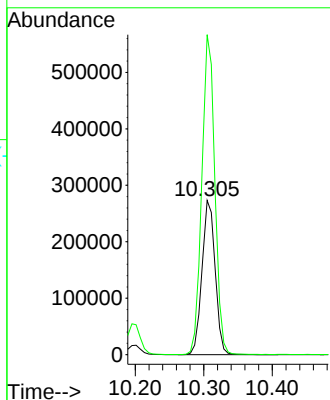
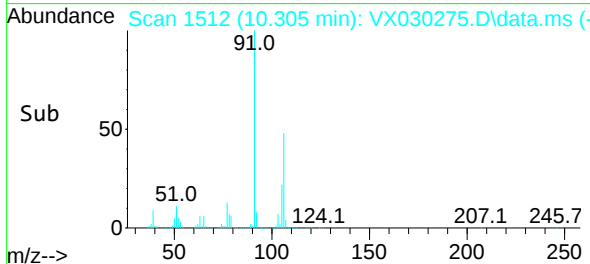
Instrument :
MSVOA_X
ClientSampleId :
MW-9



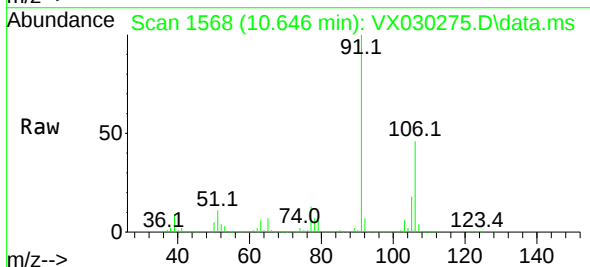
Tgt Ion:106 Resp: 365927
Ion Ratio Lower Upper
106 100
91 204.9 158.2 237.4

Manual Integrations
APPROVED

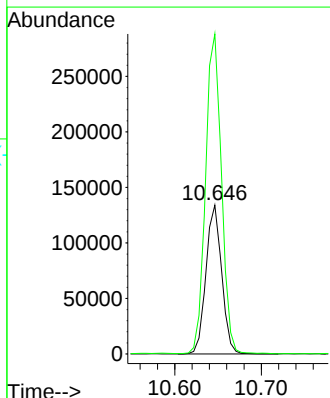
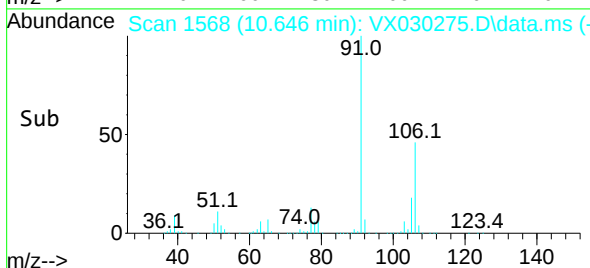
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

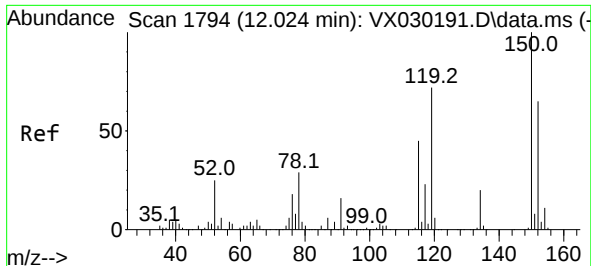


#69
o-Xylene
Concen: 37.995 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030275.D
Acq: 28 Jul 2022 17:21



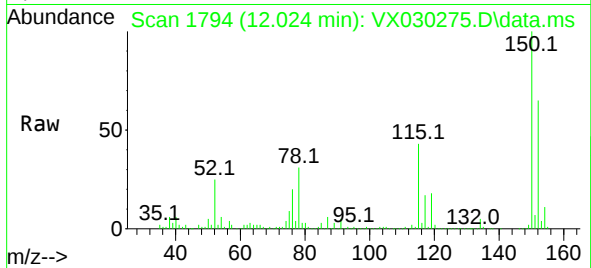
Tgt Ion:106 Resp: 168850
Ion Ratio Lower Upper
106 100
91 218.1 103.8 311.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030275.D
Acq: 28 Jul 2022 17:21

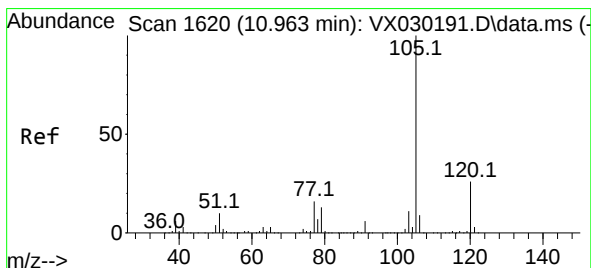
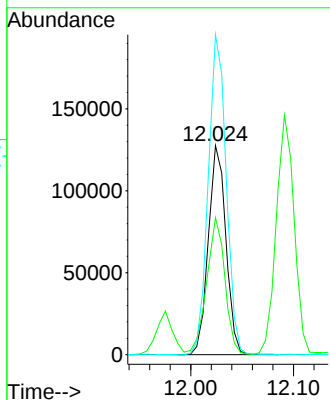
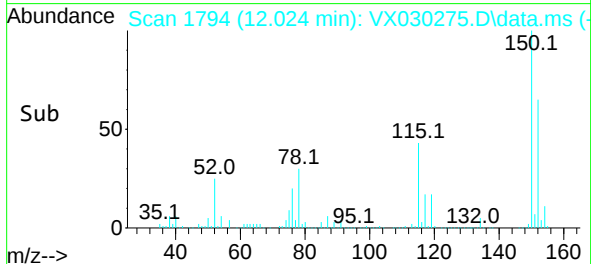
Instrument :
MSVOA_X
ClientSampleId :
MW-9



Tgt Ion:152 Resp: 15222
Ion Ratio Lower Upper
152 100
115 67.8 40.5 121.5
150 155.9 0.0 347.0

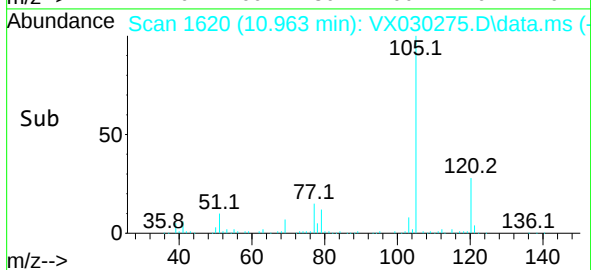
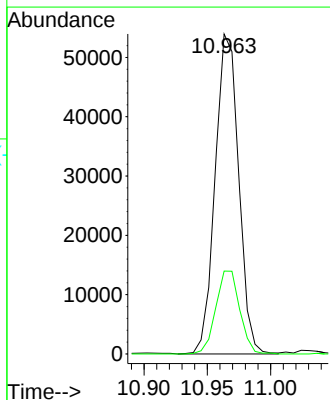
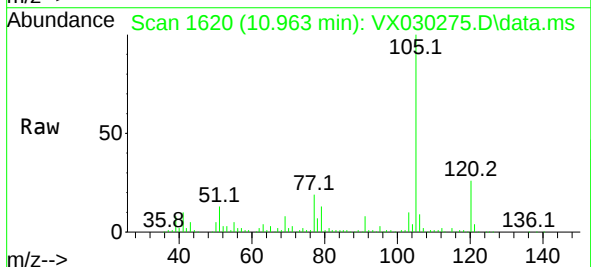
Manual Integrations
APPROVED

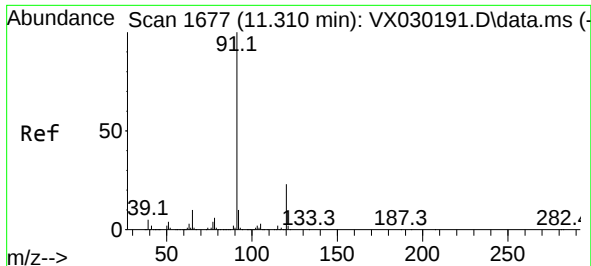
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#73
Isopropylbenzene
Concen: 5.865 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030275.D
Acq: 28 Jul 2022 17:21

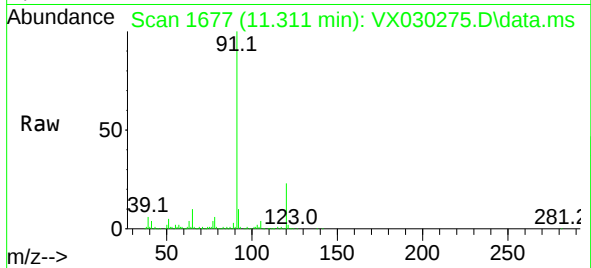
Tgt Ion:105 Resp: 69696
Ion Ratio Lower Upper
105 100
120 26.4 13.5 40.4





#78
n-propylbenzene
Concen: 13.785 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.001 min
Lab File: VX030275.D
Acq: 28 Jul 2022 17:21

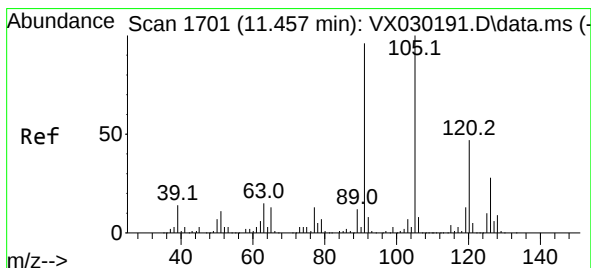
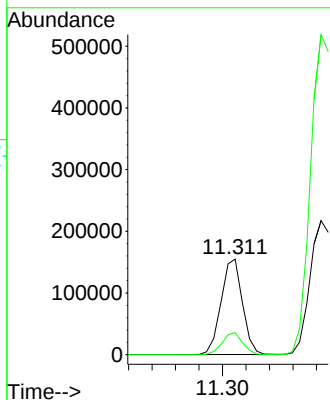
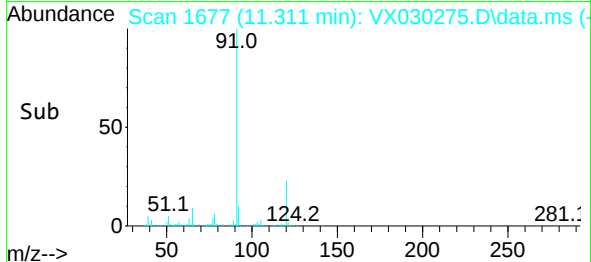
Instrument :
MSVOA_X
ClientSampleId :
MW-9



Tgt Ion: 91 Resp: 195520
Ion Ratio Lower Upper
91 100
120 22.4 11.6 34.8

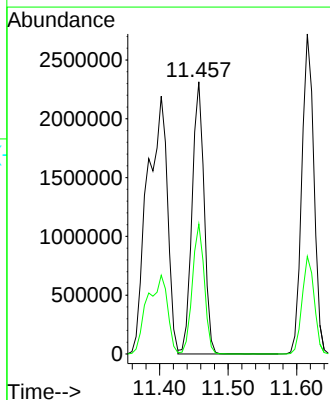
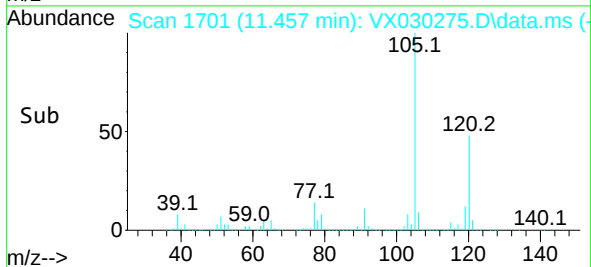
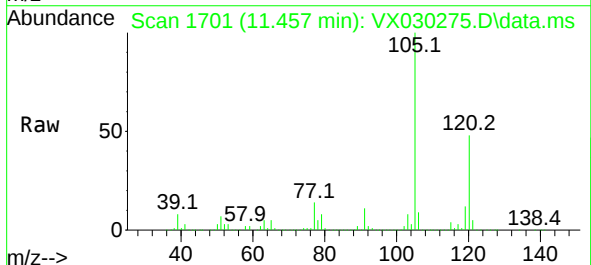
Manual Integrations
APPROVED

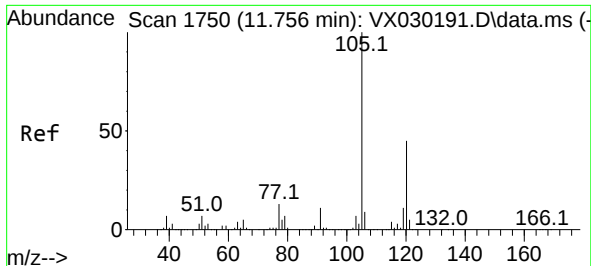
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#80
1,3,5-Trimethylbenzene
Concen: 283.081 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030275.D
Acq: 28 Jul 2022 17:21

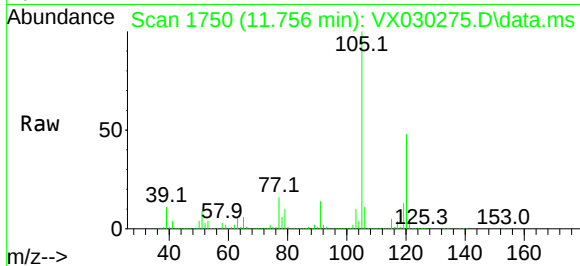
Tgt Ion:105 Resp: 2816888
Ion Ratio Lower Upper
105 100
120 47.6 24.4 73.2





#84
1,2,4-Trimethylbenzene
Concen: 731.917 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX030275.D
Acq: 28 Jul 2022 17:21

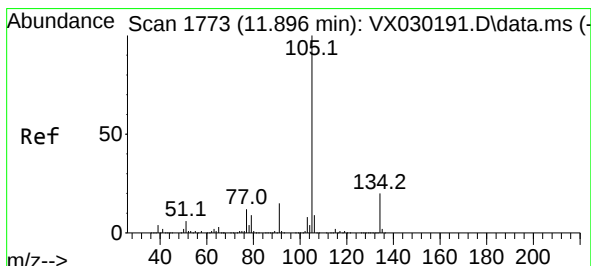
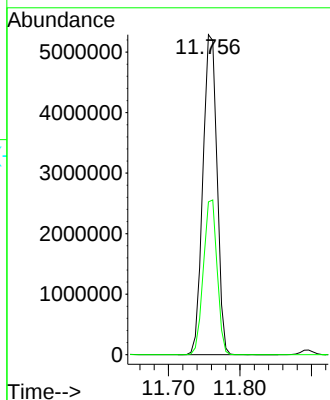
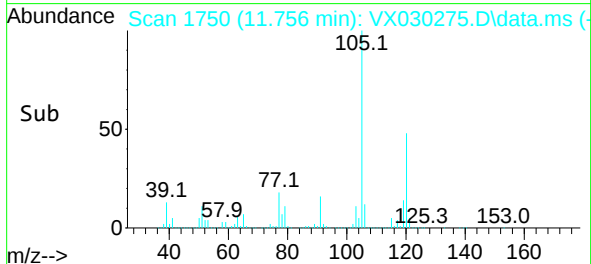
Instrument :
MSVOA_X
ClientSampleId :
MW-9



Tgt Ion:105 Resp: 726614
Ion Ratio Lower Upper
105 100
120 46.9 22.9 68.8

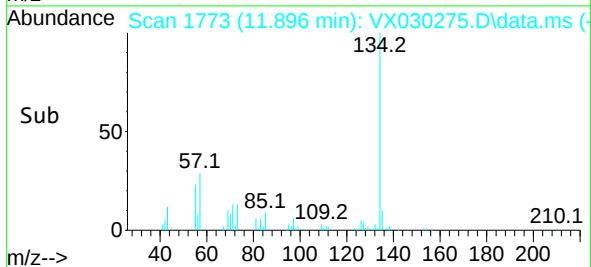
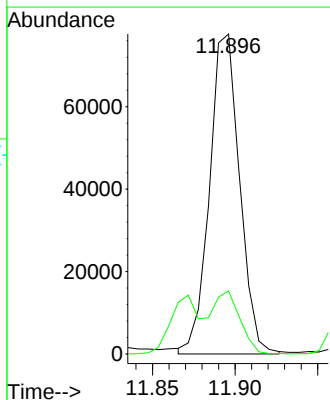
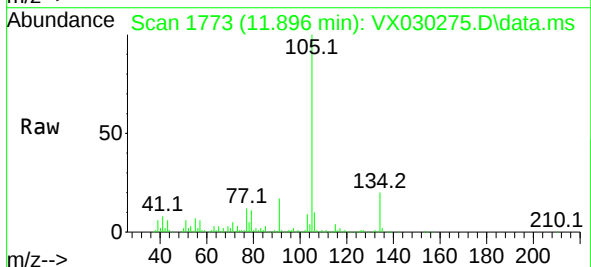
Manual Integrations
APPROVED

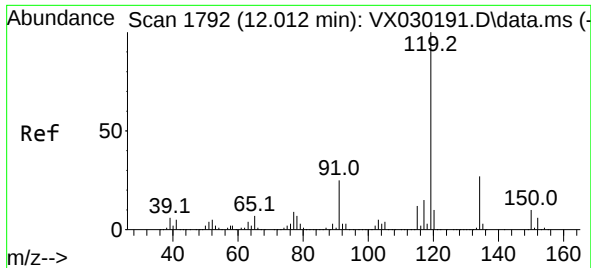
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#85
sec-Butylbenzene
Concen: 7.790 ug/l m
RT: 11.896 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VX030275.D
Acq: 28 Jul 2022 17:21

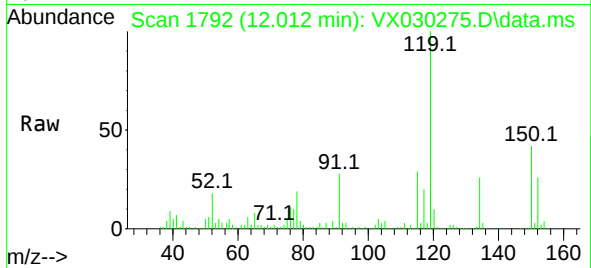
Tgt Ion:105 Resp: 98341
Ion Ratio Lower Upper
105 100
134 0.0 10.0 30.0#





#86
 p-Isopropyltoluene
 Concen: 11.210 ug/l
 RT: 12.012 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX030275.D
 Acq: 28 Jul 2022 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9



Tgt Ion:119 Resp: 11322
 Ion Ratio Lower Upper
 119 100
 134 24.7 13.9 41.6
 91 26.4 11.8 35.3

Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/29/2022
 Supervised By :Mahesh Dadoda 07/29/2022

