

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031122\
 Data File : VX027397.D
 Acq On : 11 Mar 2022 13:21
 Operator : JC/MD
 Sample : N1895-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/14/2022
 Supervised By : Mahesh Dadoda 03/14/2022

Quant Time: Mar 11 23:11:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	390933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	621805	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	576731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	287213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	195335	42.847	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	85.700%		
35) Dibromofluoromethane	5.391	113	195412	48.704	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.400%		
50) Toluene-d8	8.653	98	741833	48.974	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.940%		
62) 4-Bromofluorobenzene	11.085	95	267872	46.400	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.800%		
Target Compounds					Qvalue	
31) Cyclohexane	5.483	56	107496	16.857	ug/l #	88
39) Methylcyclohexane	7.385	83	162949	23.164	ug/l	97
40) Benzene	6.044	78	79073	4.660	ug/l	98
52) Toluene	8.726	92	7868755	727.488	ug/l	85
67) Ethyl Benzene	10.201	91	19483974	931.141	ug/l #	44
68) m/p-Xylenes	10.329	106	27719836	3377.326	ug/l #	1
69) o-Xylene	10.671	106	18941414	2337.471	ug/l #	1
73) Isopropylbenzene	10.964	105	2699334	128.506	ug/l	98
78) n-propylbenzene	11.311	91	4376392	185.219	ug/l	94
80) 1,3,5-Trimethylbenzene	11.457	105	6939916	385.360	ug/l	93
84) 1,2,4-Trimethylbenzene	11.762	105	15867187	888.360	ug/l	70
85) sec-Butylbenzene	11.896	105	206754m	9.523	ug/l	
86) p-Isopropyltoluene	12.012	119	98844m	5.377	ug/l	
95) Naphthalene	13.780	128	8049115	372.013	ug/l #	94

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

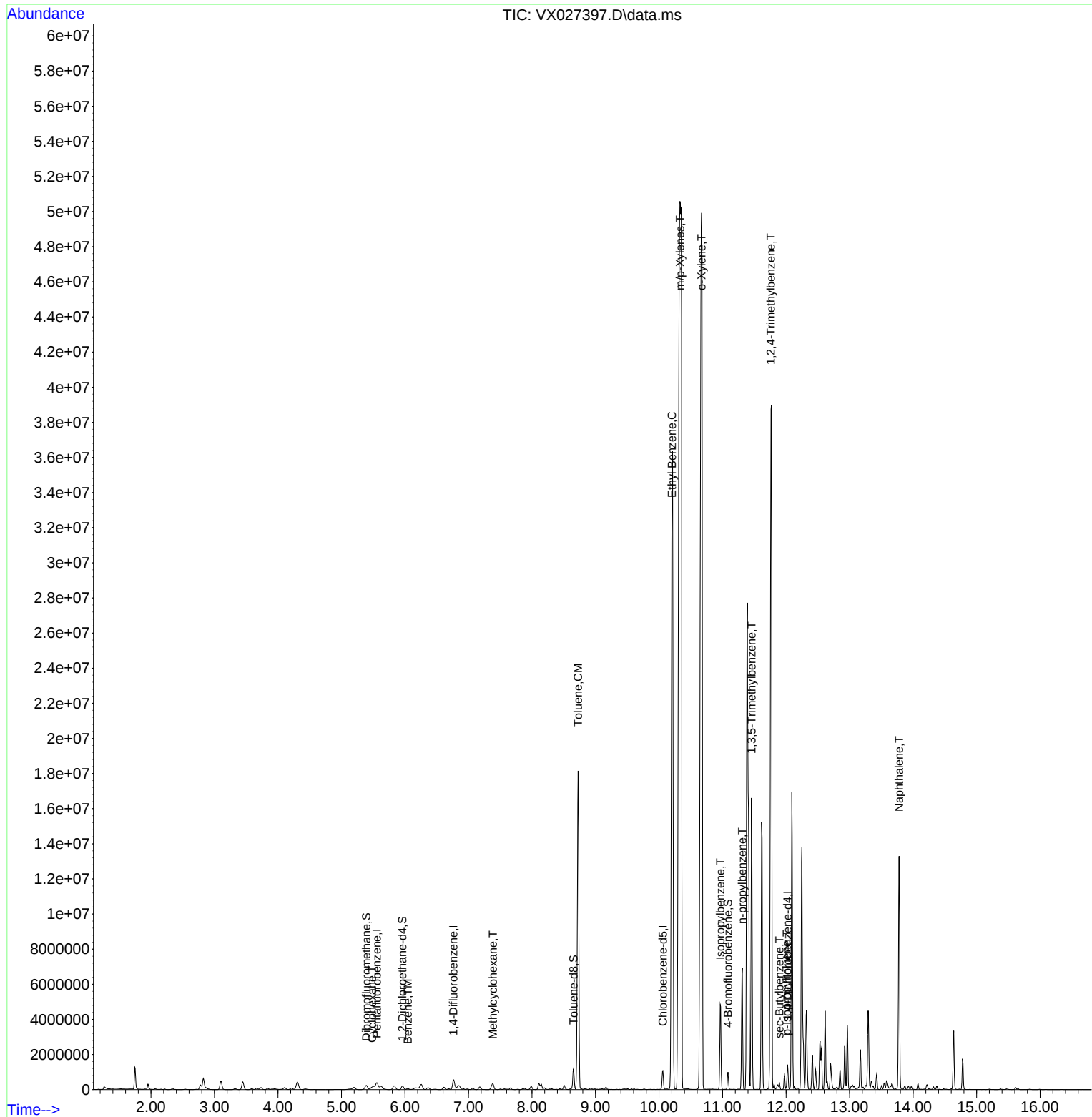
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031122\
Data File : VX027397.D
Acq On : 11 Mar 2022 13:21
Operator : JC/MD
Sample : N1895-03
Misc : 5.0mL/MSVOA_X/WATER
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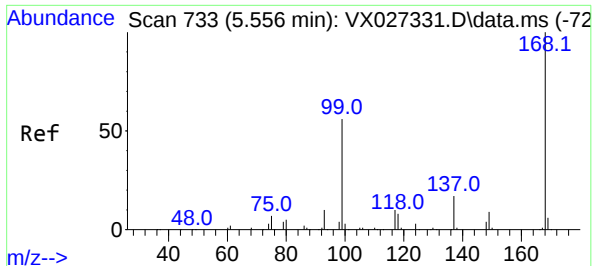
Instrument :
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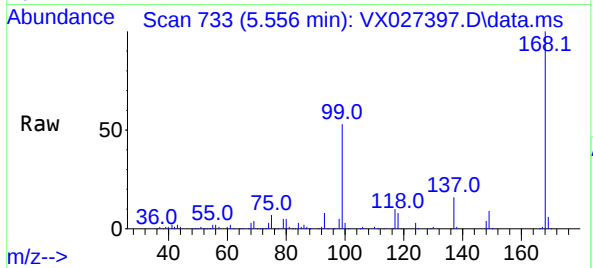
Quant Time: Mar 11 23:11:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 15:54:34 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX027397.D
Acq: 11 Mar 2022 13:21

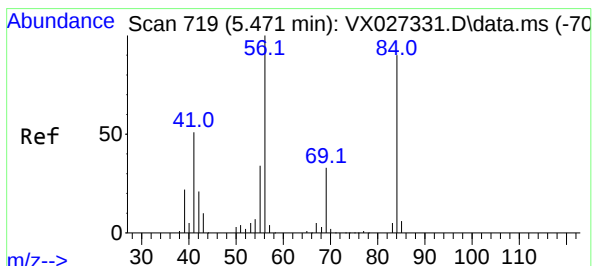
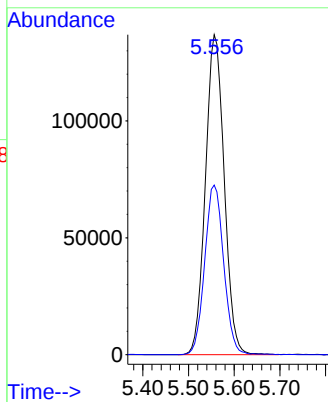
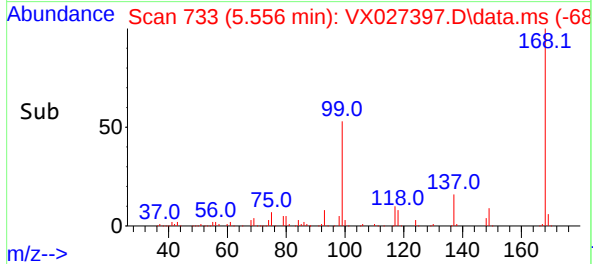
Instrument :
MSVOA_X
ClientSampleId :
MW-3



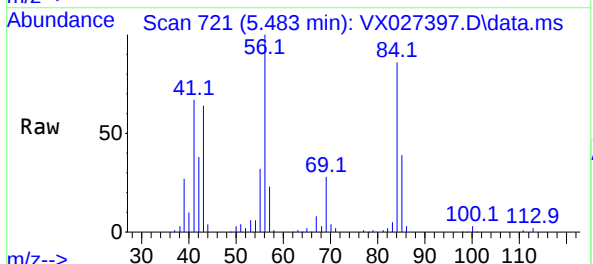
Tgt Ion:168 Resp: 390933
Ion Ratio Lower Upper
168 100
99 53.0 41.7 62.5

Manual Integrations
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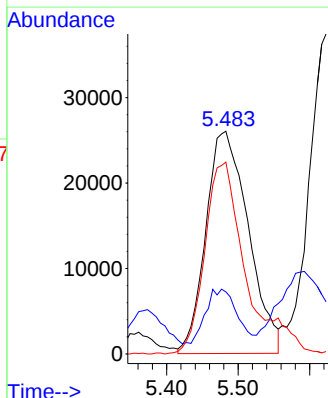
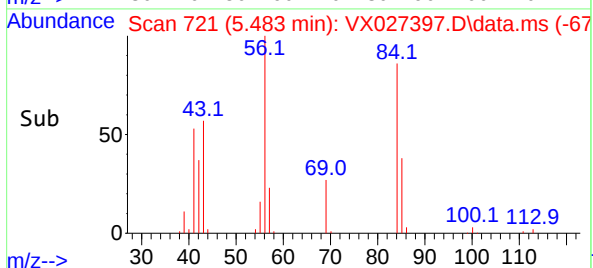
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

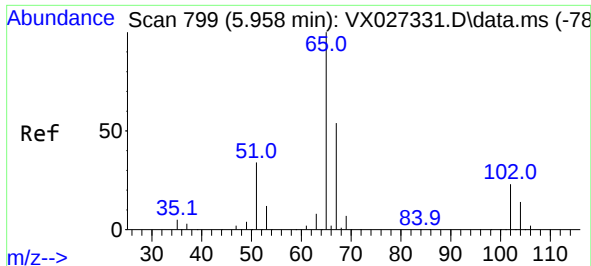


#31
Cyclohexane
Concen: 16.857 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.012 min
Lab File: VX027397.D
Acq: 11 Mar 2022 13:21



Tgt Ion: 56 Resp: 107496
Ion Ratio Lower Upper
56 100
69 22.1 26.7 40.1#
84 86.9 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 42.847 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027397.D

Acq: 11 Mar 2022 13:21

Instrument :

MSVOA_X

ClientSampleId :

MW-3

Tgt Ion: 65 Resp: 19533

Ion Ratio Lower Upper

65 100

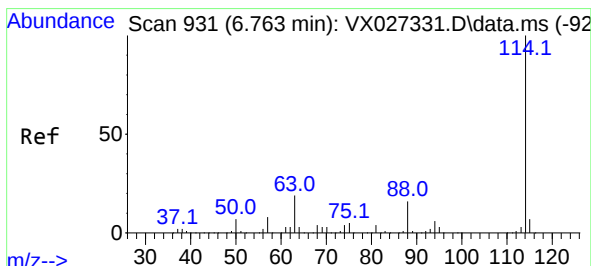
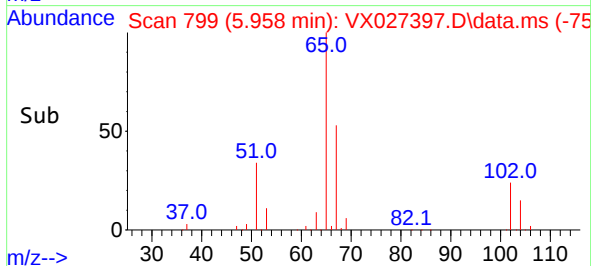
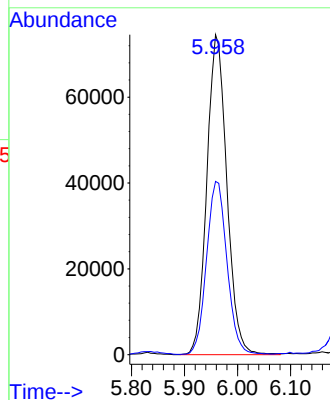
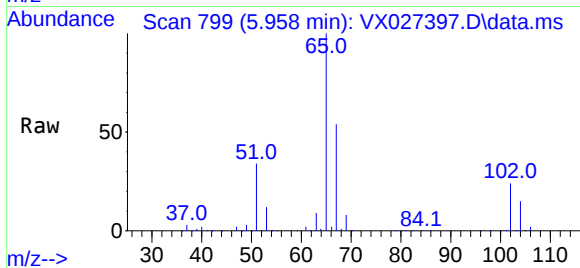
67 55.3 0.0 107.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX027397.D

Acq: 11 Mar 2022 13:21

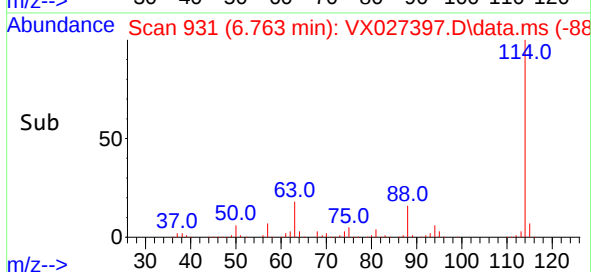
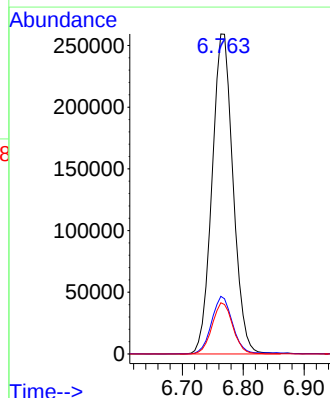
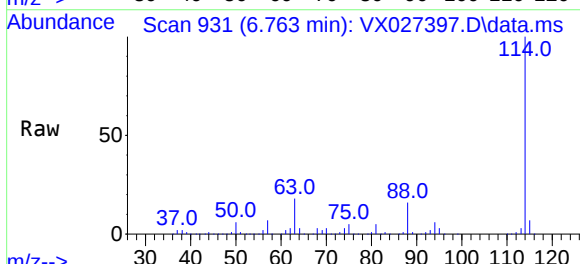
Tgt Ion:114 Resp: 621805

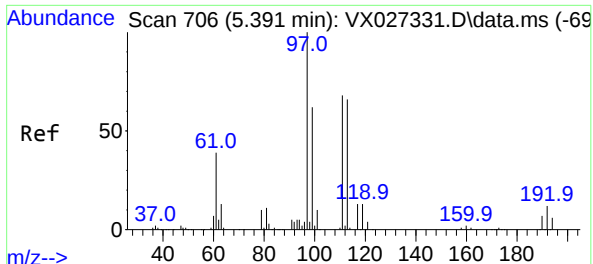
Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.8

88 16.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 48.704 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027397.D

Acq: 11 Mar 2022 13:21

Instrument :

MSVOA_X

ClientSampleId :

MW-3

Tgt Ion:113 Resp: 19541

Ion Ratio Lower Upper

113 100

111 102.2 82.8 124.2

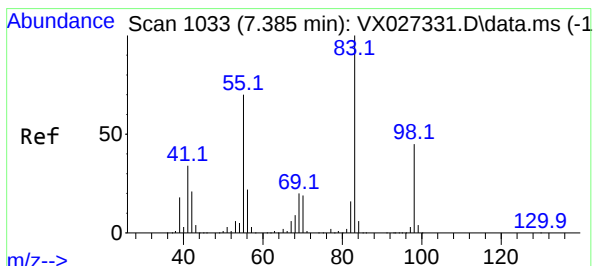
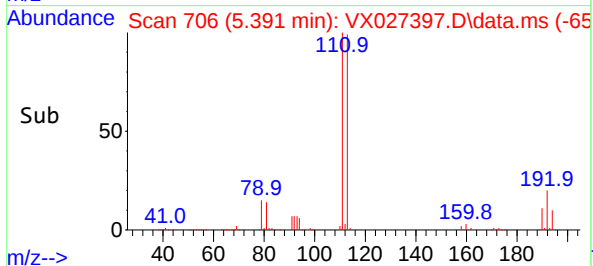
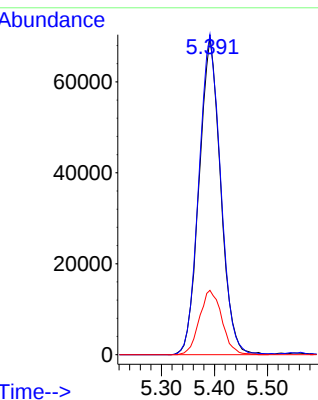
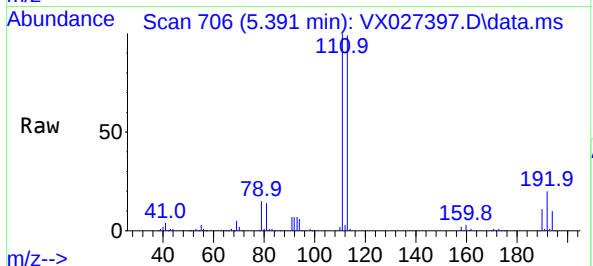
192 21.2 16.9 25.3

Manual Integrations

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#39

Methylcyclohexane

Concen: 23.164 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX027397.D

Acq: 11 Mar 2022 13:21

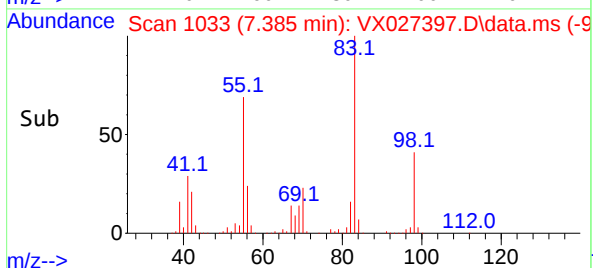
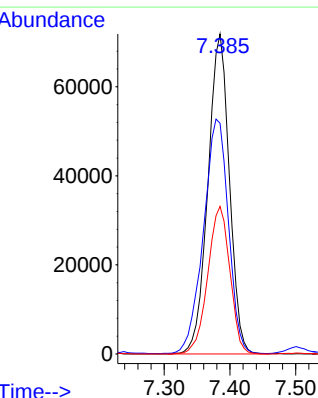
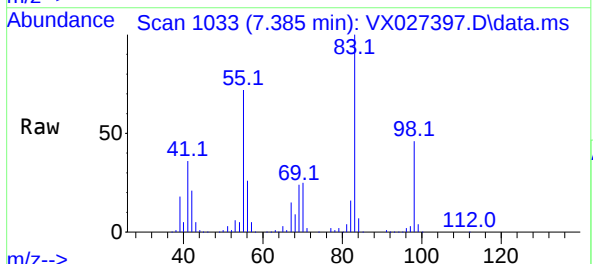
Tgt Ion: 83 Resp: 162949

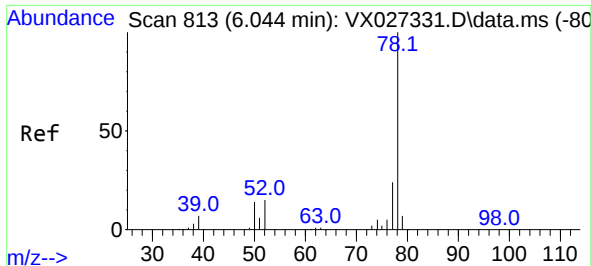
Ion Ratio Lower Upper

83 100

55 71.9 54.6 81.8

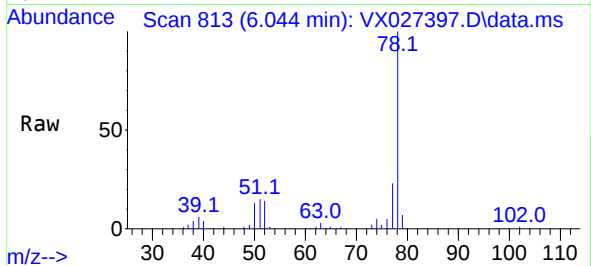
98 46.1 37.4 56.2





#40
Benzene
Concen: 4.660 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX027397.D
Acq: 11 Mar 2022 13:21

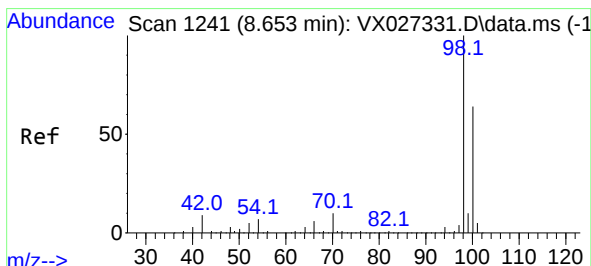
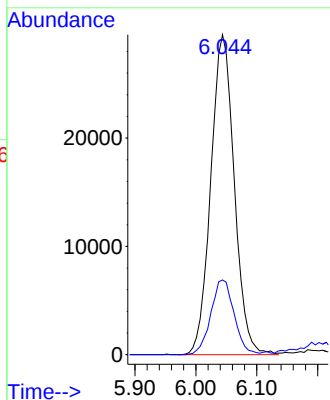
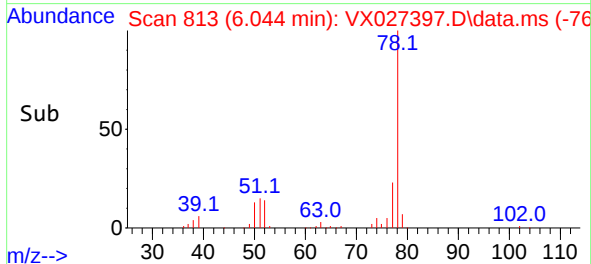
Instrument :
MSVOA_X
ClientSampleId :
MW-3



Tgt Ion: 78 Resp: 7907
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9

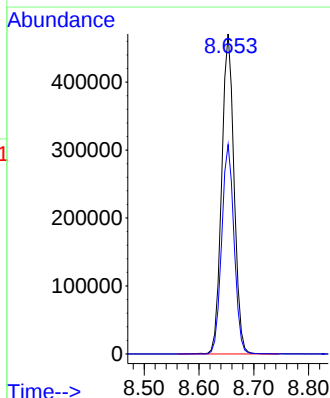
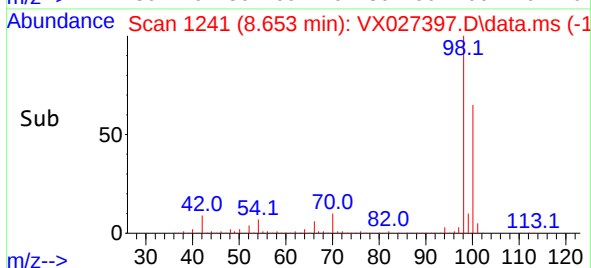
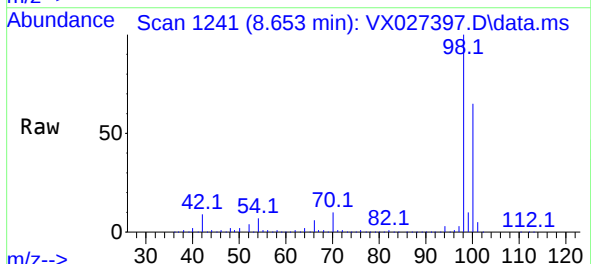
Manual Integrations
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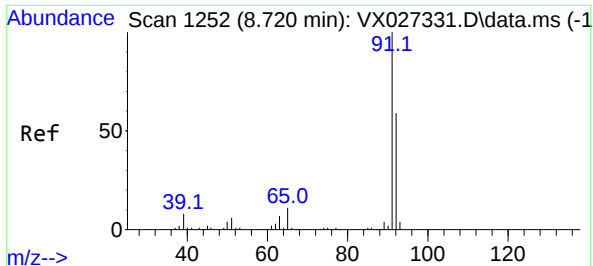
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#50
Toluene-d8
Concen: 48.974 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027397.D
Acq: 11 Mar 2022 13:21

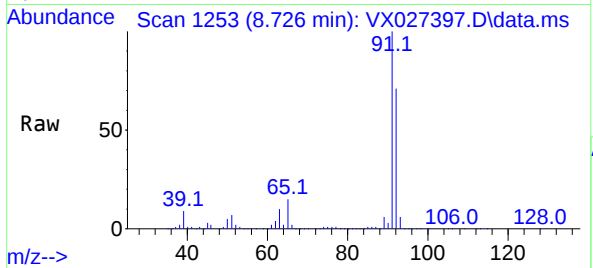
Tgt Ion: 98 Resp: 741833
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8





#52
Toluene
Concen: 727.488 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027397.D
Acq: 11 Mar 2022 13:21

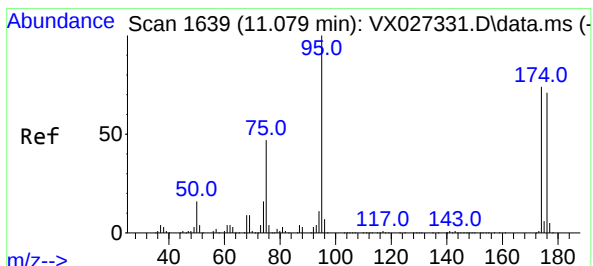
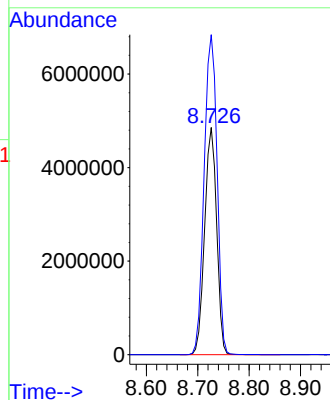
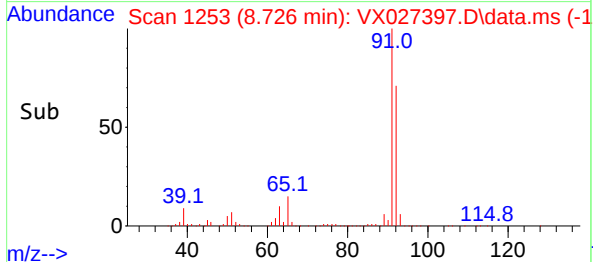
Instrument :
MSVOA_X
ClientSampleId :
MW-3



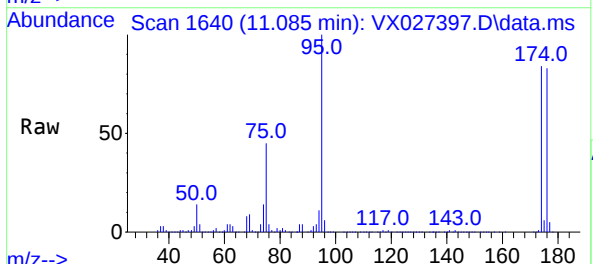
Tgt Ion: 92 Resp: 786875
Ion Ratio Lower Upper
92 100
91 151.4 137.5 206.3

Manual Integrations
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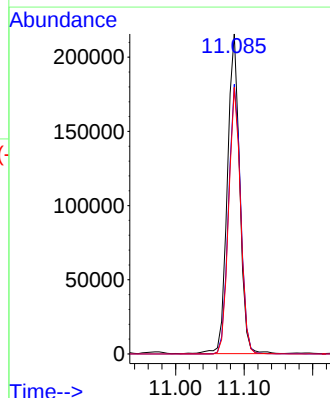
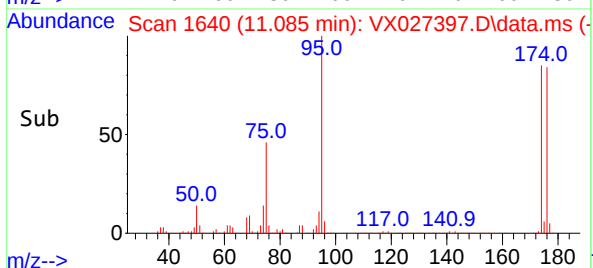
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

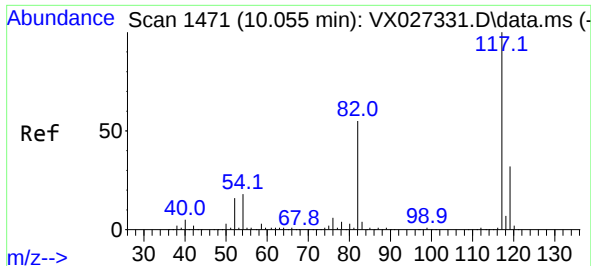


#62
4-Bromofluorobenzene
Concen: 46.400 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX027397.D
Acq: 11 Mar 2022 13:21



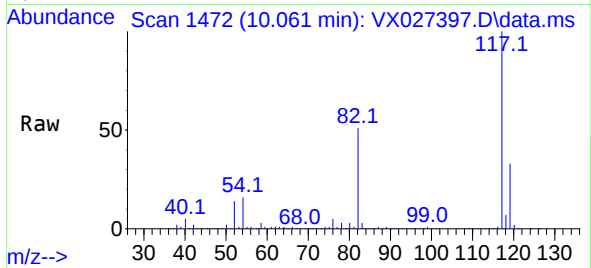
Tgt Ion: 95 Resp: 267872
Ion Ratio Lower Upper
95 100
174 83.5 0.0 163.0
176 80.8 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX027397.D
Acq: 11 Mar 2022 13:21

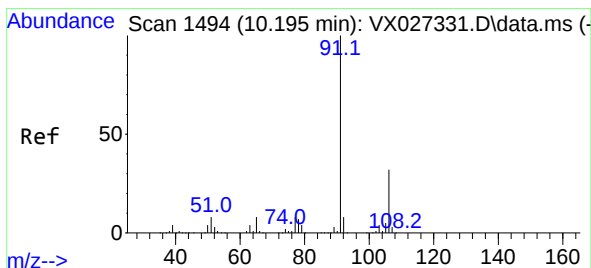
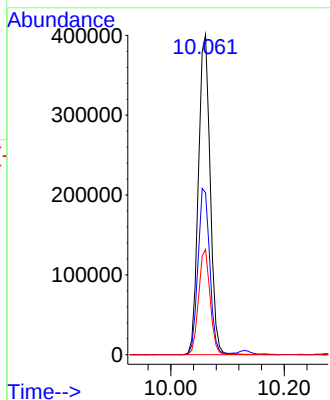
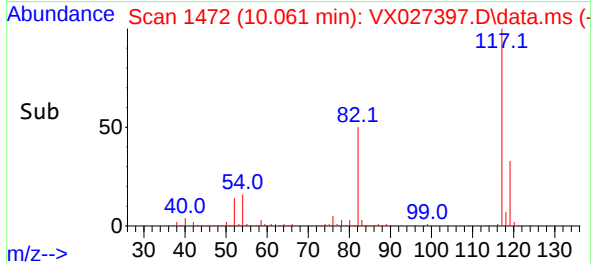
Instrument :
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MW-3



Tgt Ion:117 Resp: 57673
Ion Ratio Lower Upper
117 100
82 50.6 41.8 62.8
119 32.8 24.8 37.2

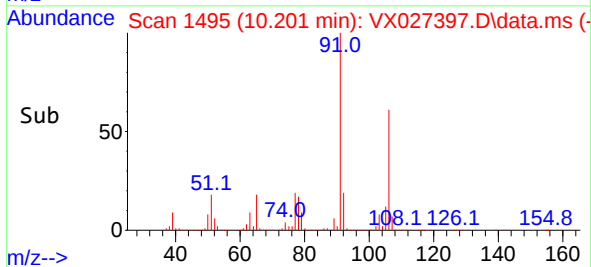
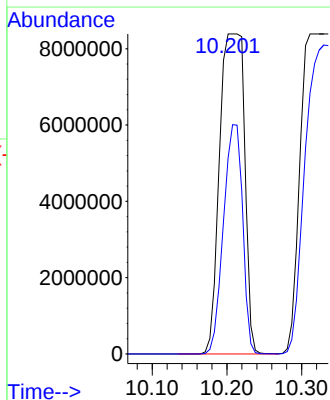
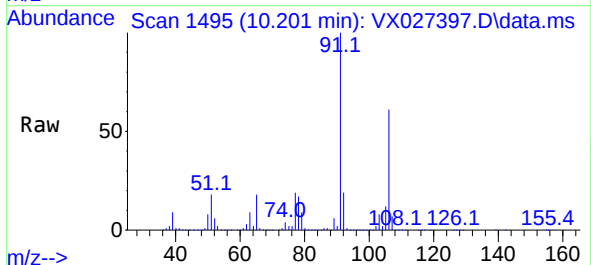
Manual Integrations
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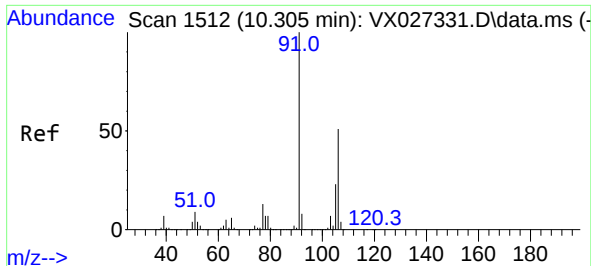
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#67
Ethyl Benzene
Concen: 931.141 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX027397.D
Acq: 11 Mar 2022 13:21

Tgt Ion: 91 Resp:19483974
Ion Ratio Lower Upper
91 100
106 61.3 24.6 36.8#





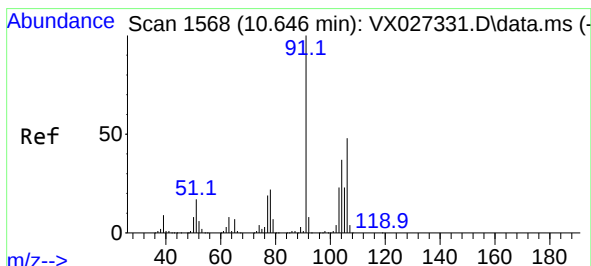
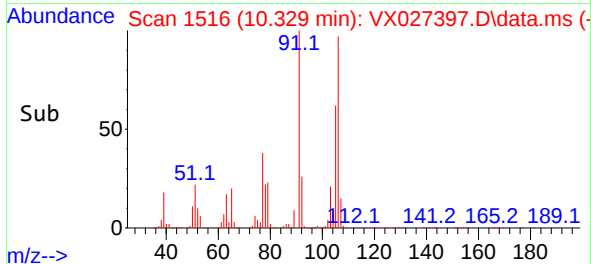
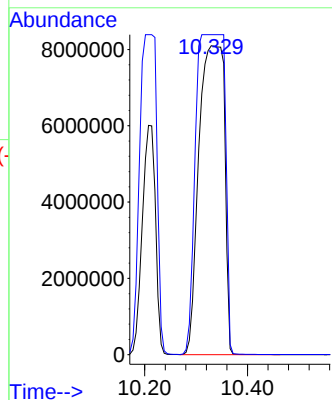
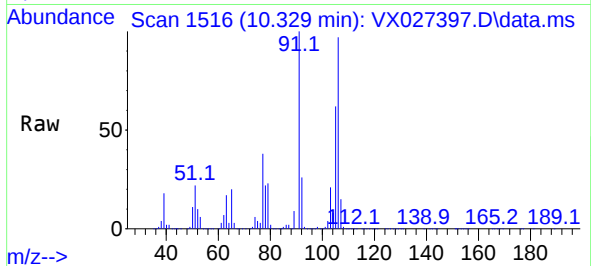
#68
m/p-Xylenes
Concen: 3377.326 ug/l
RT: 10.329 min Scan# 1516
Delta R.T. 0.024 min
Lab File: VX027397.D
Acq: 11 Mar 2022 13:21

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tgt Ion:106 Resp:2771983
Ion Ratio Lower Upper
106 100
91 14.8 160.4 240.6

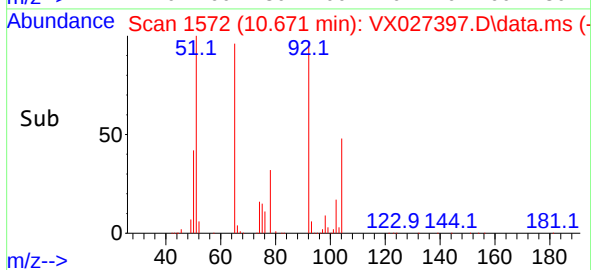
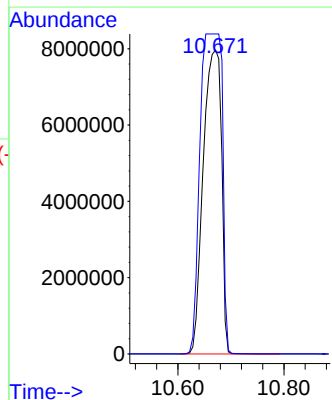
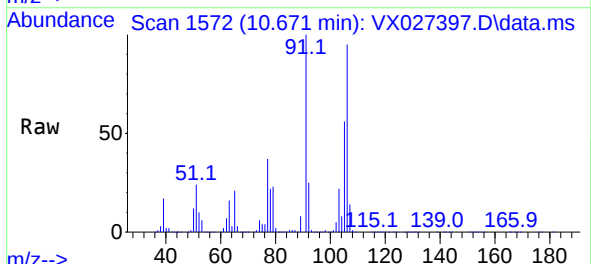
Manual Integrations
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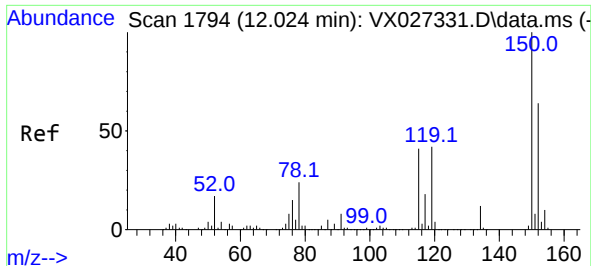
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#69
o-Xylene
Concen: 2337.471 ug/l
RT: 10.671 min Scan# 1572
Delta R.T. 0.025 min
Lab File: VX027397.D
Acq: 11 Mar 2022 13:21

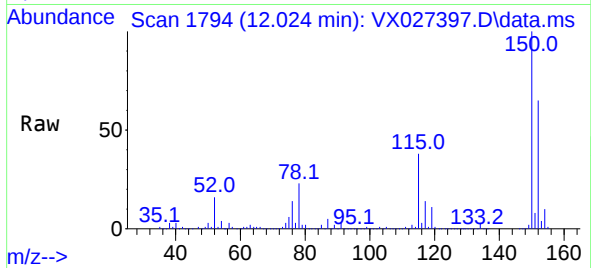
Tgt Ion:106 Resp:18941414
Ion Ratio Lower Upper
106 100
91 0.0 106.1 318.1#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027397.D
Acq: 11 Mar 2022 13:21

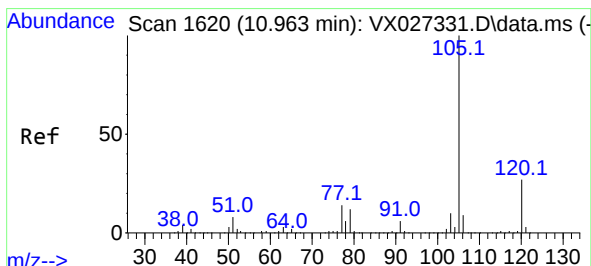
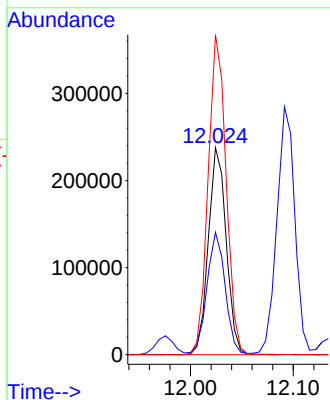
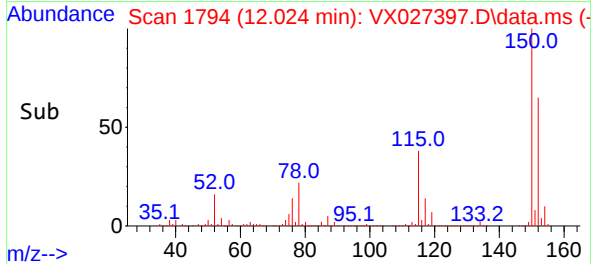
Instrument :
MSVOA_X
ClientSampleId :
MW-3



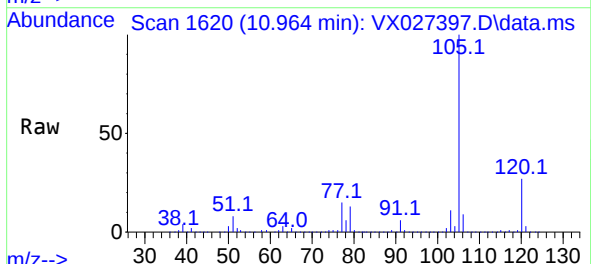
Tgt Ion:152 Resp: 28721
Ion Ratio Lower Upper
152 100
115 58.7 37.5 112.7
150 155.3 0.0 338.2

Manual Integrations
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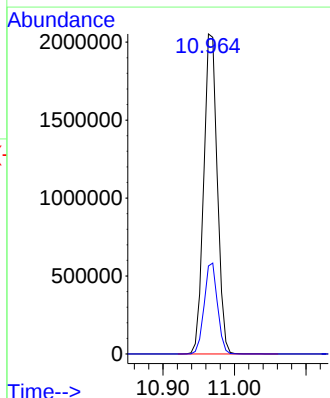
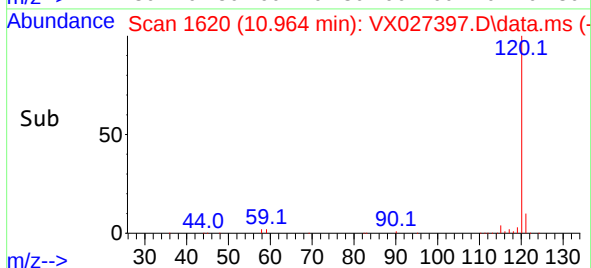
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

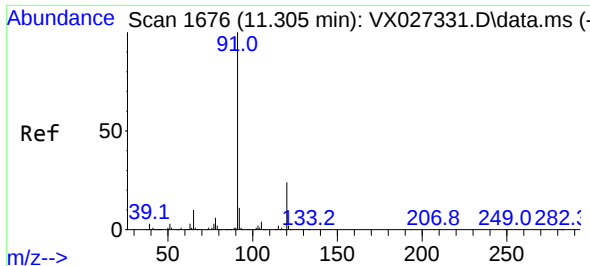


#73
Isopropylbenzene
Concen: 128.506 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX027397.D
Acq: 11 Mar 2022 13:21



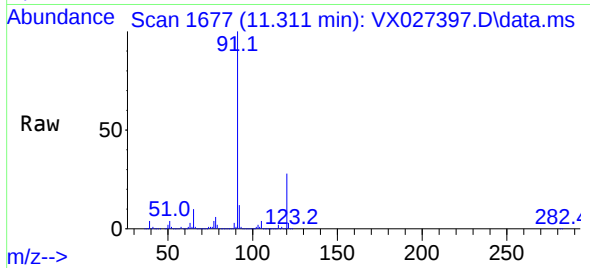
Tgt Ion:105 Resp: 2699334
Ion Ratio Lower Upper
105 100
120 27.9 13.5 40.5





#78
n-propylbenzene
Concen: 185.219 ug/l
RT: 11.311 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027397.D
Acq: 11 Mar 2022 13:21

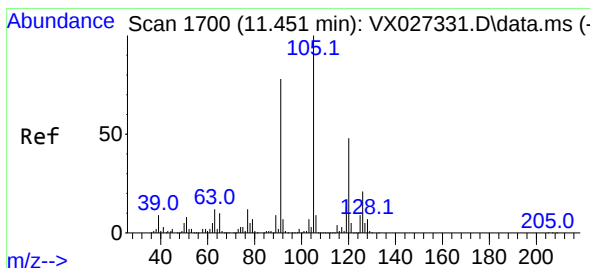
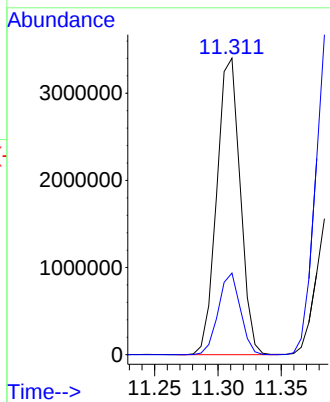
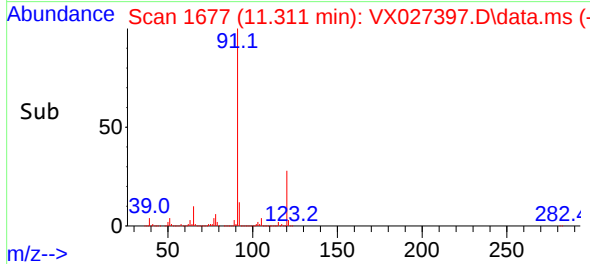
Instrument :
MSVOA_X
ClientSampleId :
MW-3



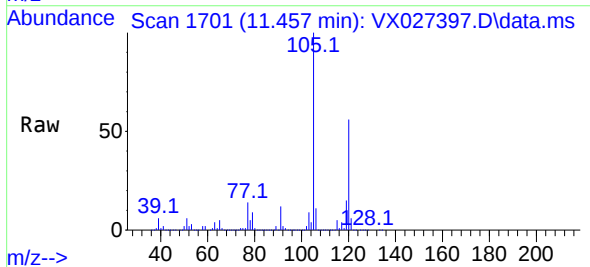
Tgt Ion: 91 Resp: 4376392
Ion Ratio Lower Upper
91 100
120 25.9 11.6 34.8

Manual Integrations
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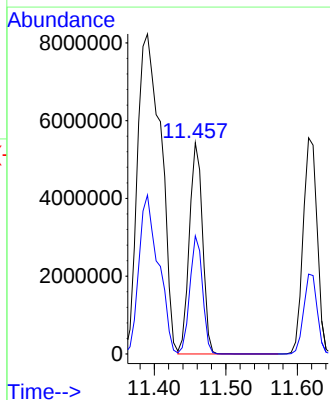
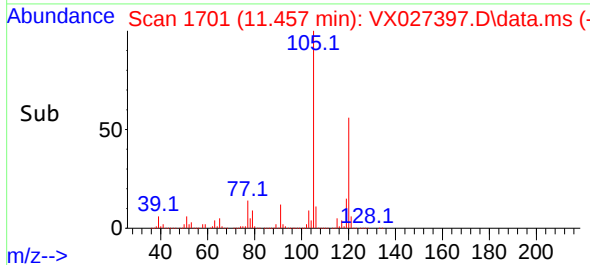
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

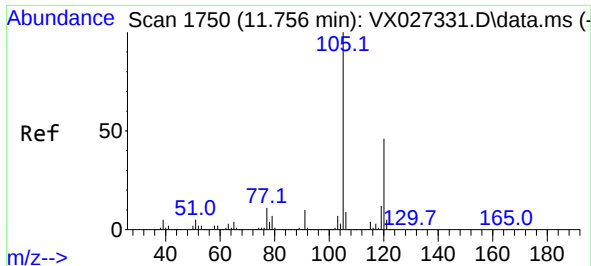


#80
1,3,5-Trimethylbenzene
Concen: 385.360 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX027397.D
Acq: 11 Mar 2022 13:21



Tgt Ion:105 Resp: 6939916
Ion Ratio Lower Upper
105 100
120 53.6 24.3 72.9





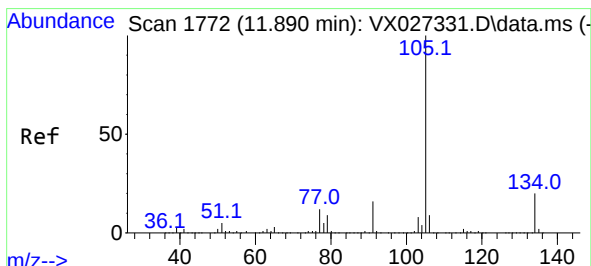
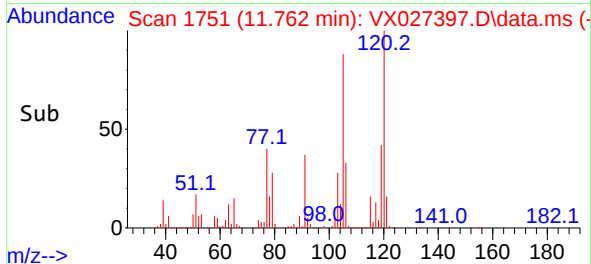
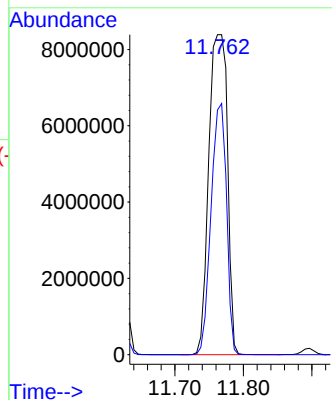
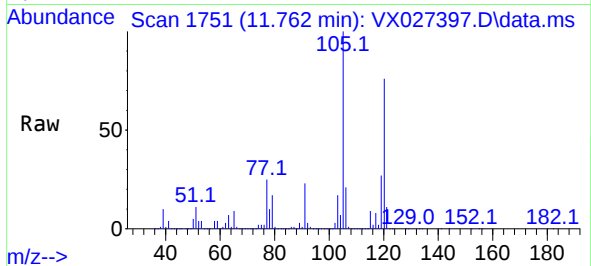
#84
1,2,4-Trimethylbenzene
Concen: 888.360 ug/l
RT: 11.762 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VX027397.D
Acq: 11 Mar 2022 13:21

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tgt Ion:105 Resp:1586718
Ion Ratio Lower Upper
105 100
120 65.0 22.6 67.8

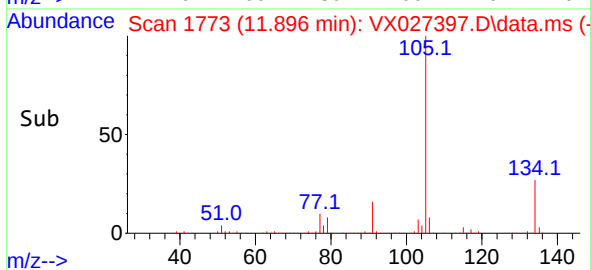
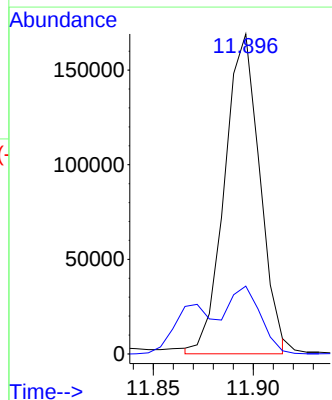
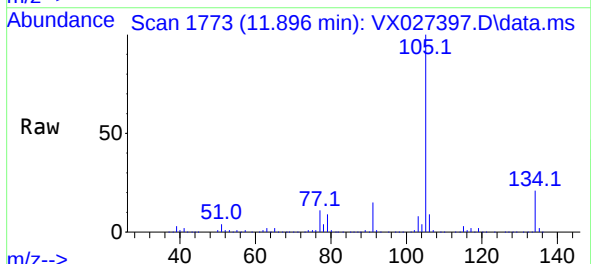
Manual Integrations
APPROVED

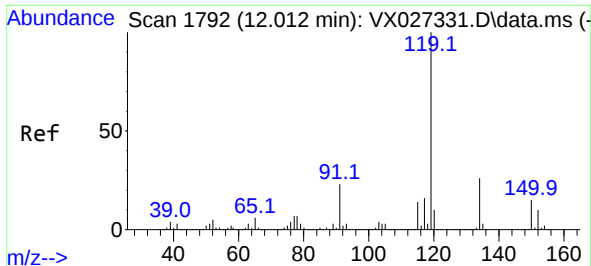
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#85
sec-Butylbenzene
Concen: 9.523 ug/l m
RT: 11.896 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VX027397.D
Acq: 11 Mar 2022 13:21

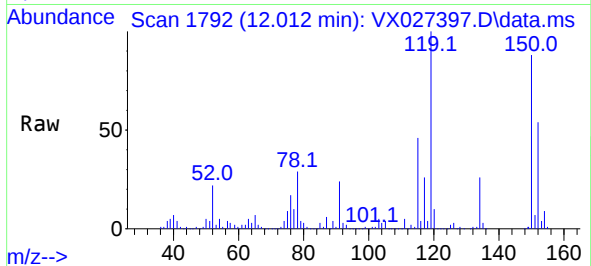
Tgt Ion:105 Resp: 206754
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#





#86
p-Isopropyltoluene
Concen: 5.377 ug/l m
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX027397.D
Acq: 11 Mar 2022 13:21

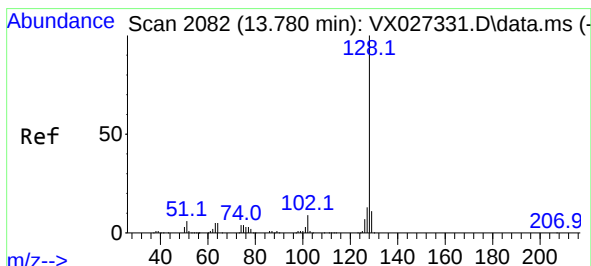
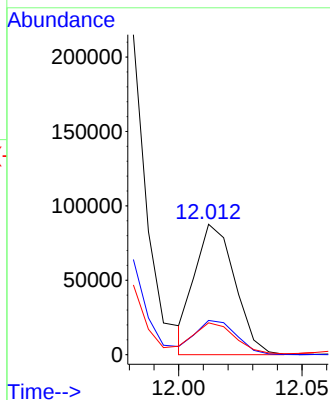
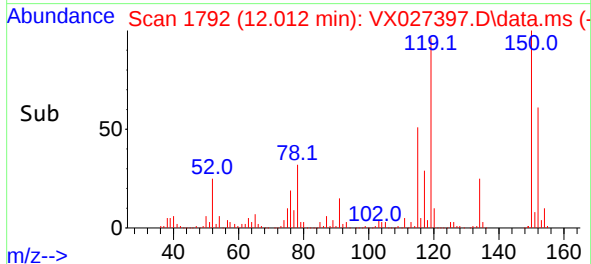
Instrument :
MSVOA_X
ClientSampleId :
MW-3



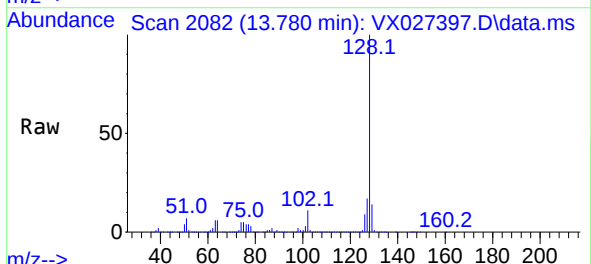
Tgt Ion:119 Resp: 98844
Ion Ratio Lower Upper
119 100
134 106.7 13.0 39.0
91 0.0 11.3 33.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#95
Naphthalene
Concen: 372.013 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027397.D
Acq: 11 Mar 2022 13:21



Tgt Ion:128 Resp: 8049115
Ion Ratio Lower Upper
128 100
127 15.1 10.2 15.4
129 13.1 8.7 13.1

