

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025477.D
 Acq On : 03 Dec 2021 13:12
 Operator : JC/MD
 Sample : M4917-11DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-27DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Quant Time: Dec 04 06:48:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	106470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	181117	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63236	56.347	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.700%			
35) Dibromofluoromethane	5.391	113	55382	49.837	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.680%			
50) Toluene-d8	8.653	98	210452	50.369	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.740%			
62) 4-Bromofluorobenzene	11.079	95	73655	46.597	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.200%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.959	59	21809	72.202	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	42924	12.484	ug/l	98
22) Diisopropyl ether	3.764	45	2731	0.803	ug/l #	79
40) Benzene	6.044	78	317480	66.324	ug/l	99
52) Toluene	8.720	92	10571	3.383	ug/l	99
67) Ethyl Benzene	10.195	91	157133	27.376	ug/l	97
68) m/p-Xylenes	10.305	106	45067	19.223	ug/l	94
69) o-Xylene	10.646	106	35854	15.625	ug/l	92
73) Isopropylbenzene	10.963	105	8050	1.528	ug/l	96
78) n-propylbenzene	11.305	91	17956	3.037	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	4498	1.016	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	85418	19.519	ug/l	95
89) n-Butylbenzene	12.335	91	1139	0.288	ug/l #	45

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

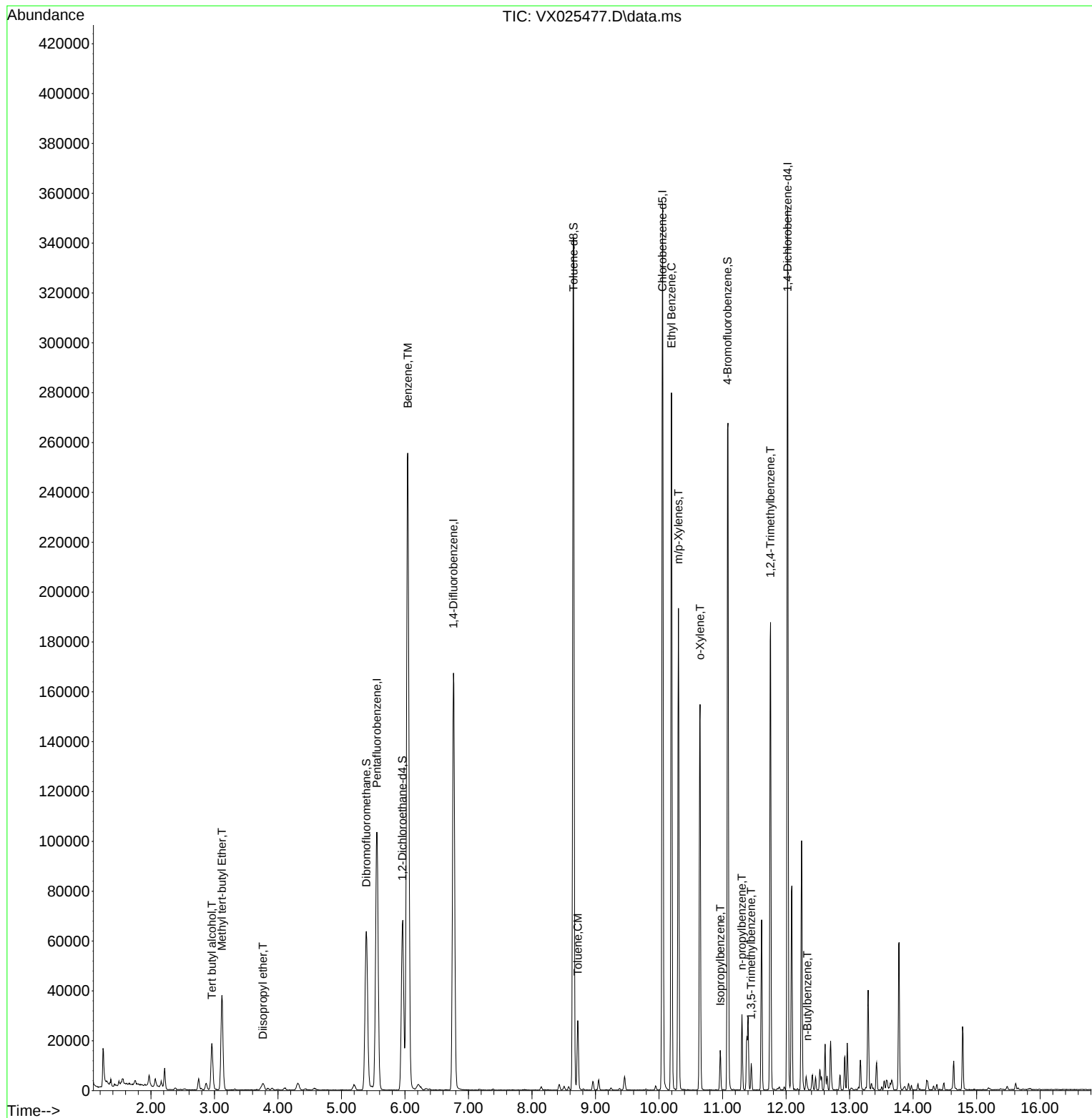
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
Data File : VX025477.D
Acq On : 03 Dec 2021 13:12
Operator : JC/MD
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ALS Vial : 9 Sample Multiplier: 1

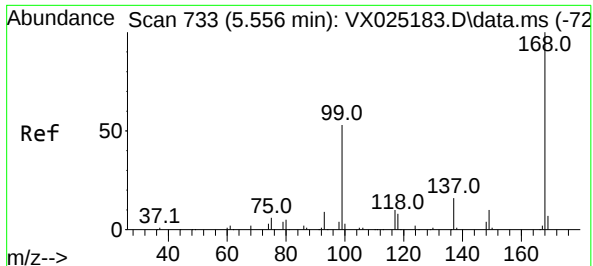
Instrument :
MSVOA_X
ClientSampleId :
MW-27DL

Quant Time: Dec 04 06:48:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration

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APPROVED

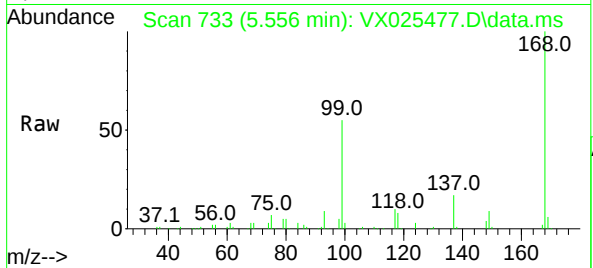
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025477.D
Acq: 03 Dec 2021 13:12

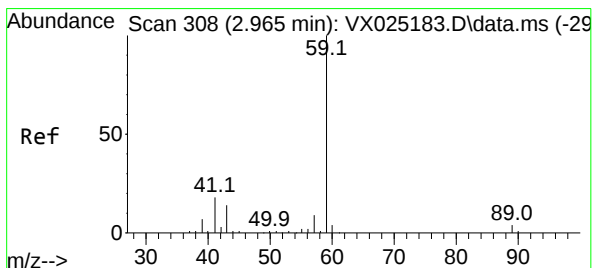
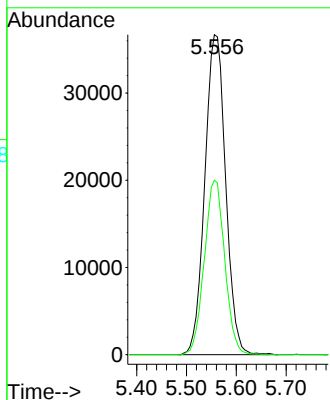
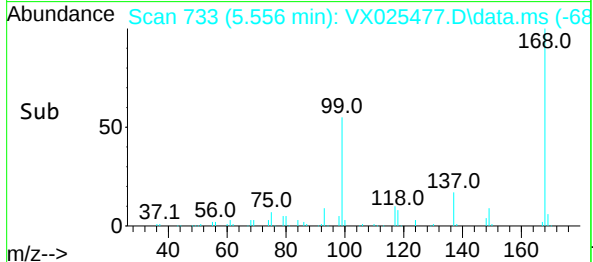
Instrument :
MSVOA_X
Client Sample Id :
MW-27DL



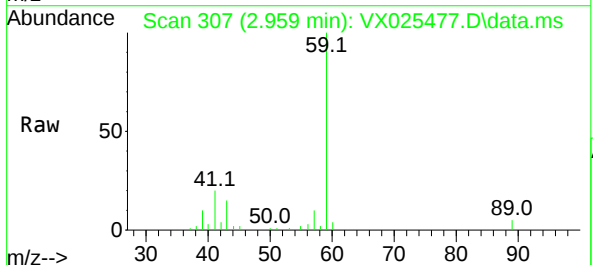
Tgt Ion:168 Resp: 106470
Ion Ratio Lower Upper
168 100
99 54.5 46.4 69.6

Manual Integrations
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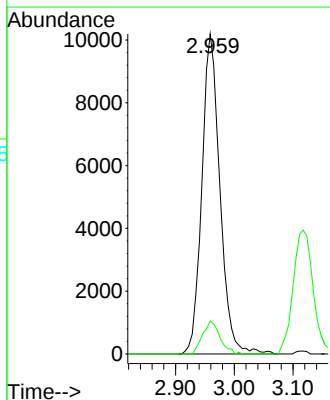
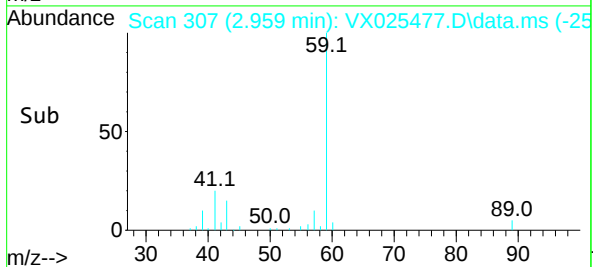
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

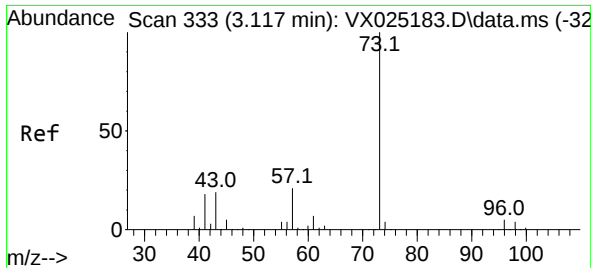


#11
Tert butyl alcohol
Concen: 72.202 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX025477.D
Acq: 03 Dec 2021 13:12



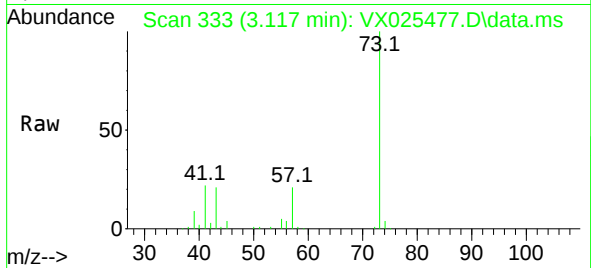
Tgt Ion: 59 Resp: 21809
Ion Ratio Lower Upper
59 100
57 9.8 8.5 12.7





#19
Methyl tert-butyl Ether
Concen: 12.484 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX025477.D
Acq: 03 Dec 2021 13:12

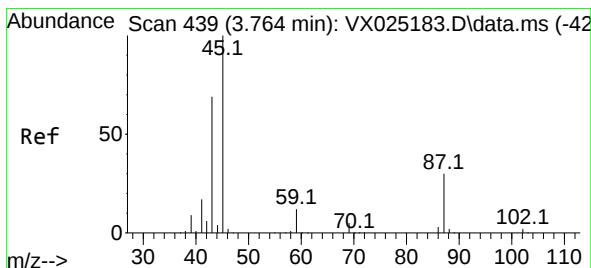
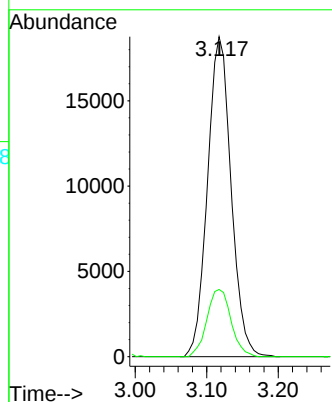
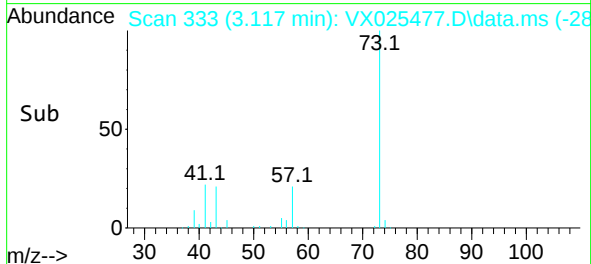
Instrument :
MSVOA_X
ClientSampleId :
MW-27DL



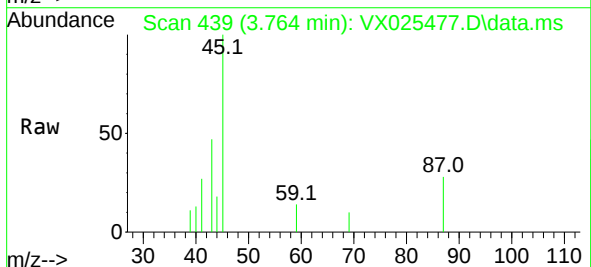
Tgt Ion: 73 Resp: 42924
Ion Ratio Lower Upper
73 100
57 21.0 17.5 26.3

Manual Integrations
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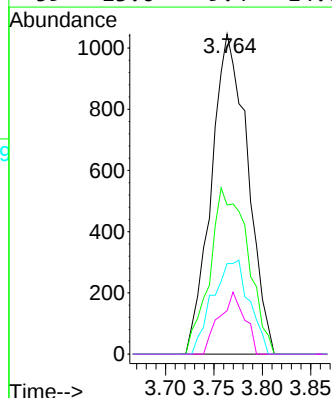
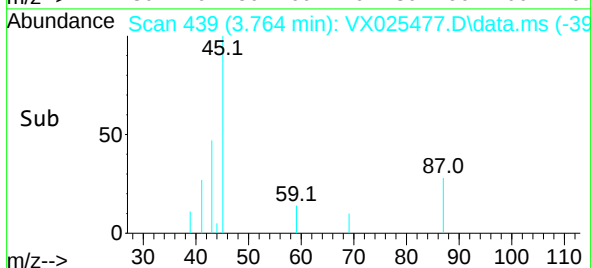
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

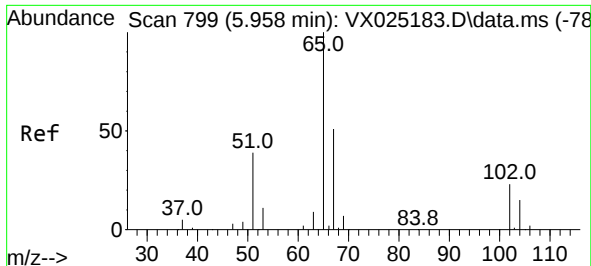


#22
Diisopropyl ether
Concen: 0.803 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX025477.D
Acq: 03 Dec 2021 13:12



Tgt Ion: 45 Resp: 2731
Ion Ratio Lower Upper
45 100
43 46.6 58.3 87.5#
87 28.3 23.7 35.5
59 13.6 9.4 14.0





#33

1,2-Dichloroethane-d4

Concen: 56.347 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025477.D

Acq: 03 Dec 2021 13:12

Instrument :

MSVOA_X

ClientSampleId :

MW-27DL

Tgt Ion: 65 Resp: 63230

Ion Ratio Lower Upper

65 100

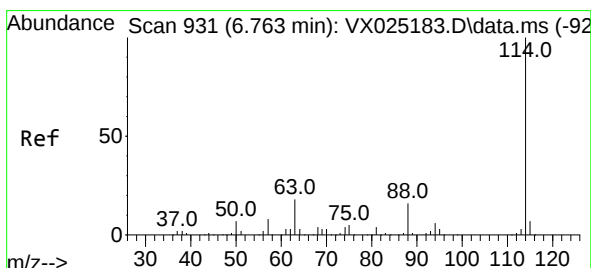
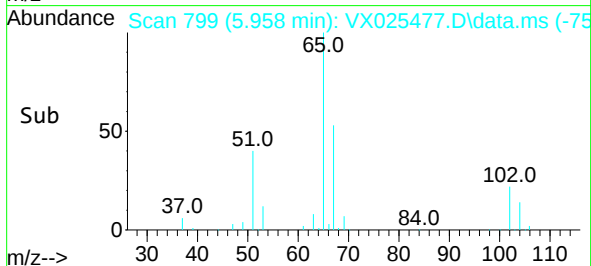
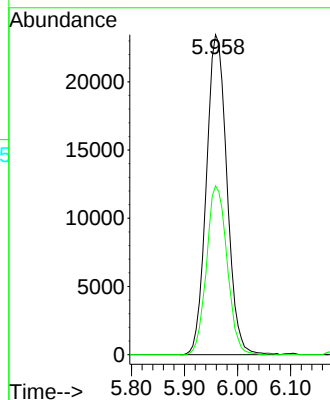
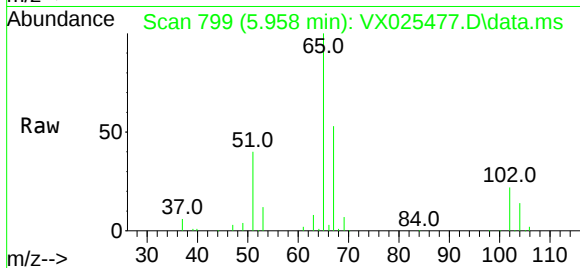
67 52.7 0.0 101.0

Manual Integrations

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Supervised By :Mahesh Dadoda 12/06/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX025477.D

Acq: 03 Dec 2021 13:12

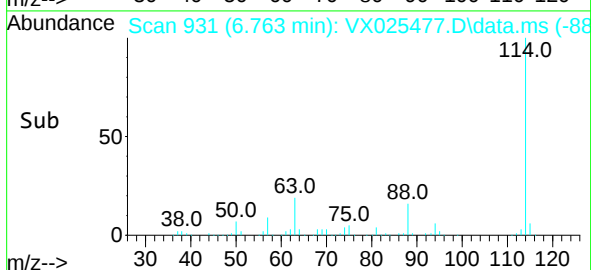
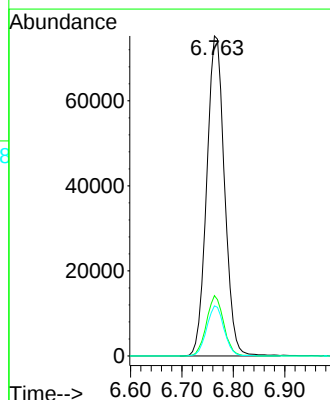
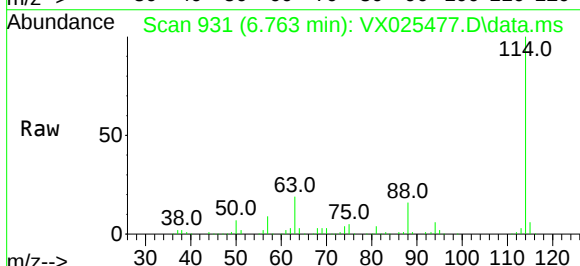
Tgt Ion:114 Resp: 181117

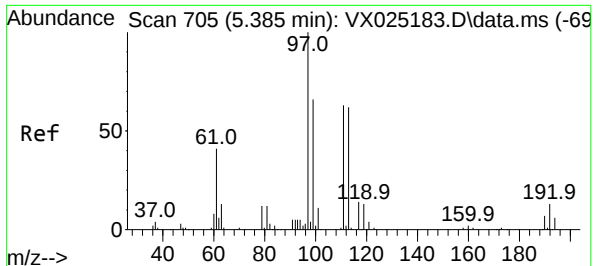
Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.0

88 15.7 0.0 34.8





#35

Dibromofluoromethane

Concen: 49.837 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX025477.D

Acq: 03 Dec 2021 13:12

Instrument :

MSVOA_X

ClientSampleId :

MW-27DL

Tgt Ion:113 Resp: 5538

Ion Ratio Lower Upper

113 100

111 102.9 82.1 123.1

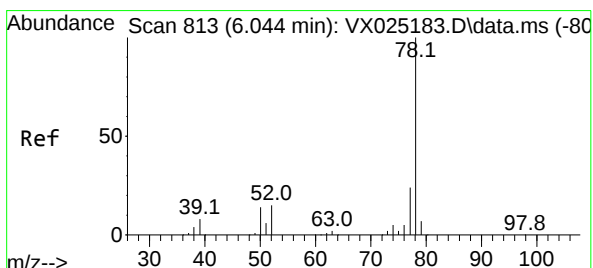
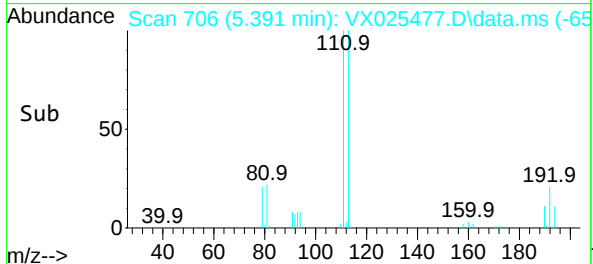
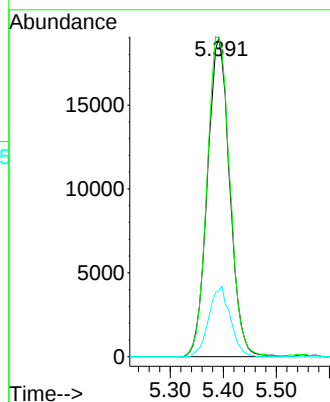
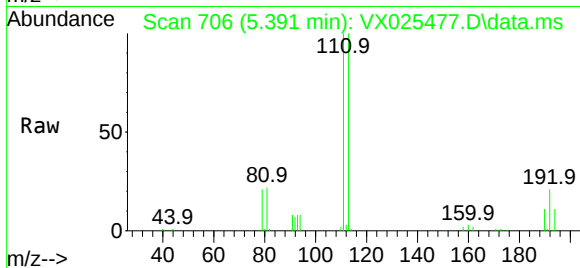
192 21.3 15.6 23.4

Manual Integrations

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Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#40

Benzene

Concen: 66.324 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX025477.D

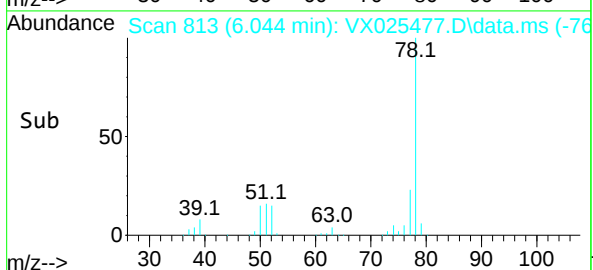
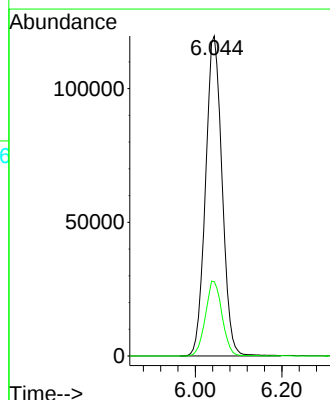
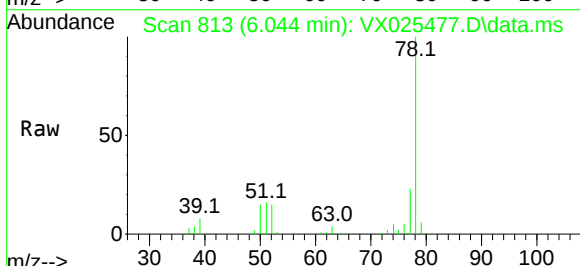
Acq: 03 Dec 2021 13:12

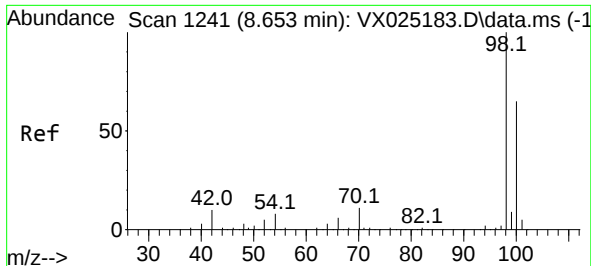
Tgt Ion: 78 Resp: 317480

Ion Ratio Lower Upper

78 100

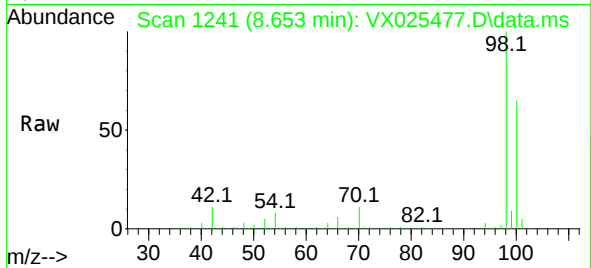
77 23.2 18.3 27.5





#50
Toluene-d8
Concen: 50.369 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025477.D
Acq: 03 Dec 2021 13:12

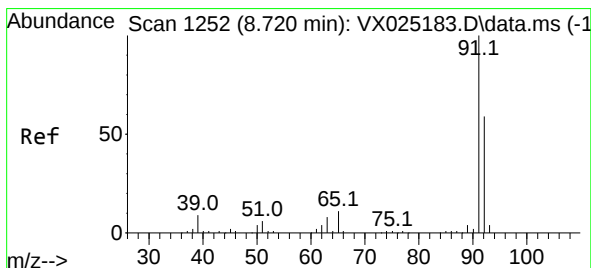
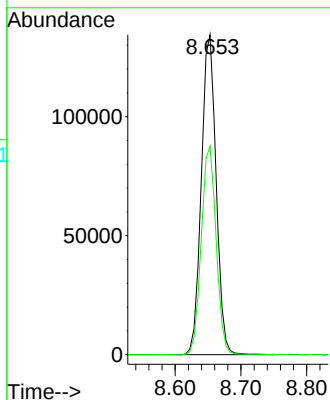
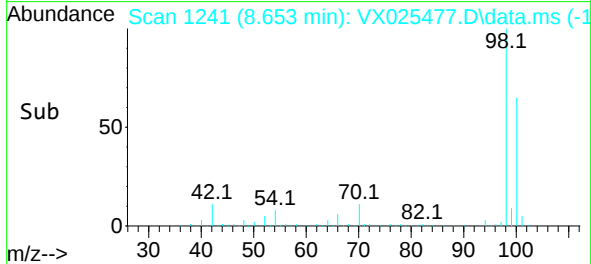
Instrument :
MSVOA_X
ClientSampleId :
MW-27DL



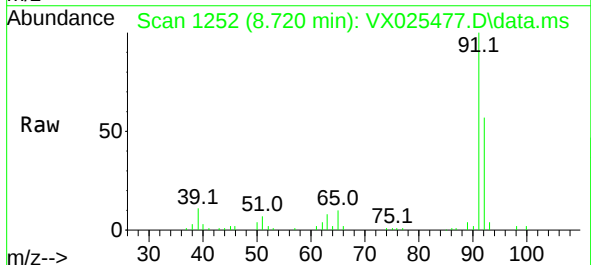
Tgt Ion: 98 Resp: 210452
Ion Ratio Lower Upper
98 100
100 65.6 51.4 77.0

Manual Integrations
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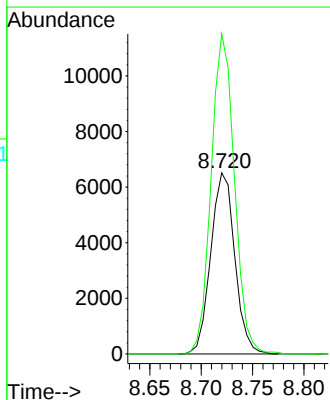
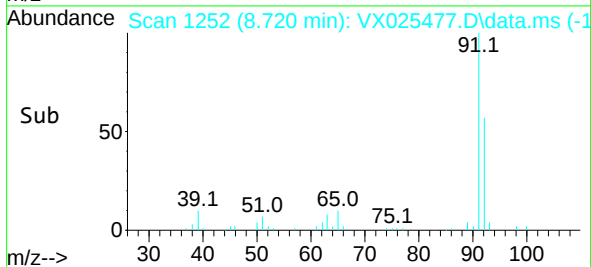
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

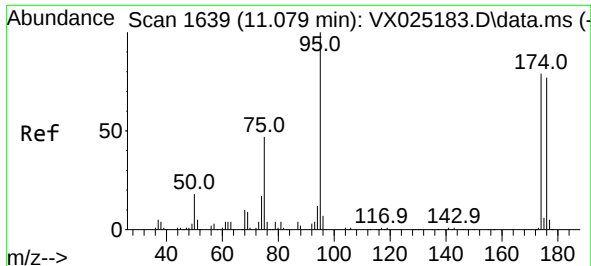


#52
Toluene
Concen: 3.383 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX025477.D
Acq: 03 Dec 2021 13:12



Tgt Ion: 92 Resp: 10571
Ion Ratio Lower Upper
92 100
91 171.4 138.6 208.0





#62

4-Bromofluorobenzene

Concen: 46.597 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX025477.D

Acq: 03 Dec 2021 13:12

Instrument :

MSVOA_X

ClientSampleId :

MW-27DL

Tgt Ion: 95 Resp: 7365

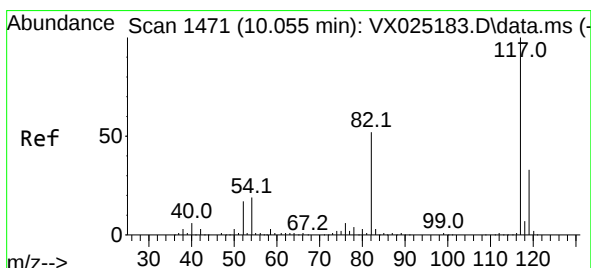
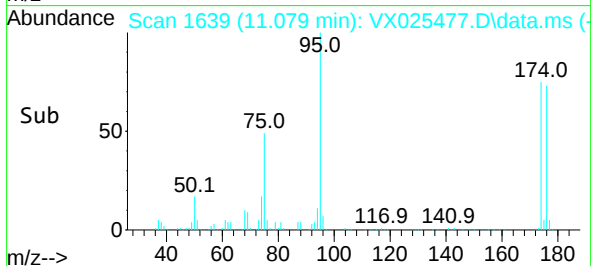
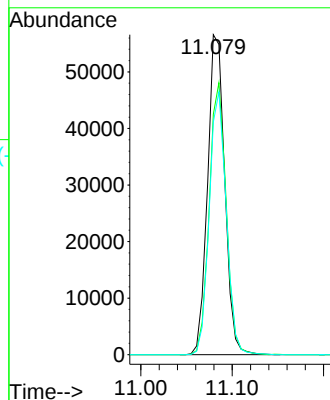
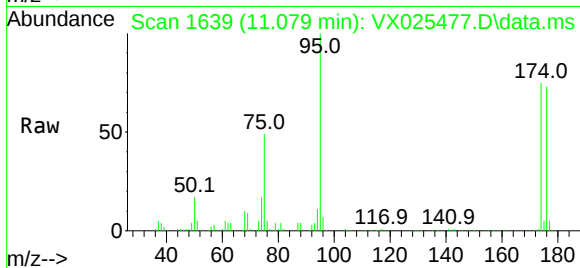
Ion	Ratio	Lower	Upper
95	100		
174	83.9	0.0	158.0
176	81.2	0.0	153.6

Manual Integrations

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Supervised By :Mahesh Dadoda 12/06/2021



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

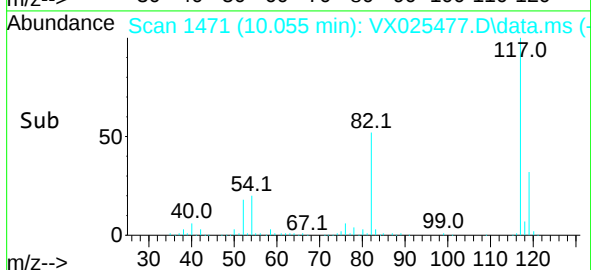
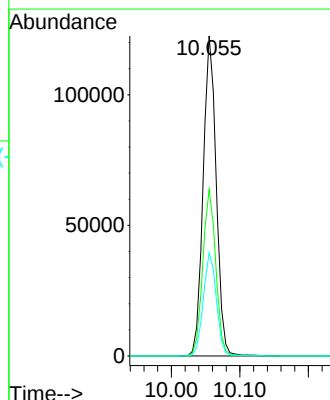
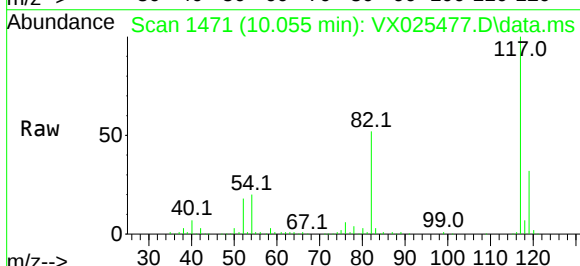
Delta R.T. 0.000 min

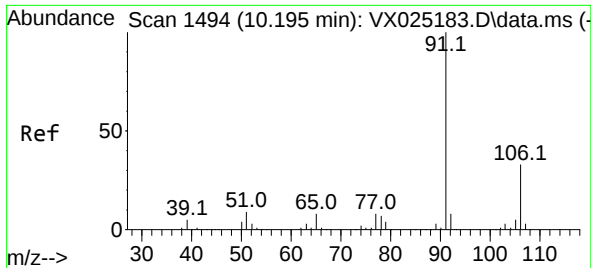
Lab File: VX025477.D

Acq: 03 Dec 2021 13:12

Tgt Ion:117 Resp: 162989

Ion	Ratio	Lower	Upper
117	100		
82	52.1	44.6	67.0
119	32.2	24.8	37.2





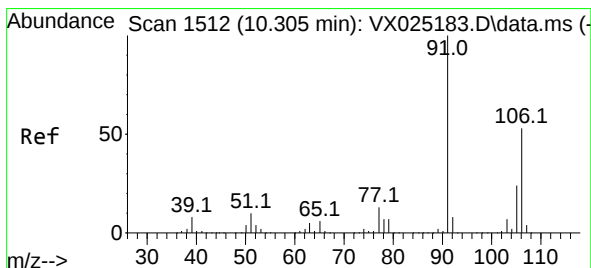
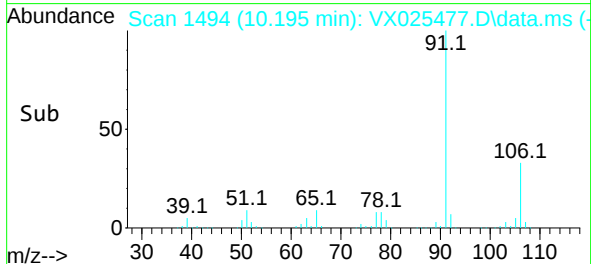
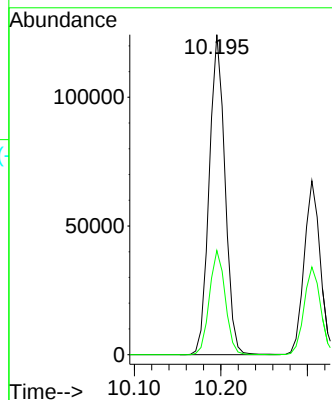
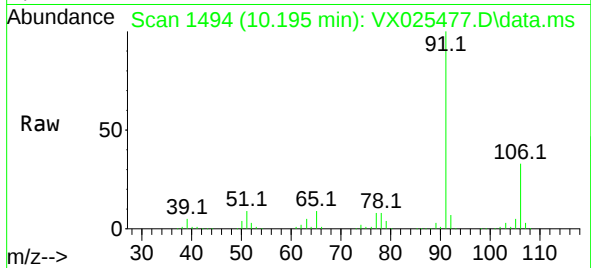
#67
Ethyl Benzene
Concen: 27.376 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025477.D
Acq: 03 Dec 2021 13:12

Instrument :
MSVOA_X
ClientSampleId :
MW-27DL

Tgt Ion: 91 Resp: 15713
Ion Ratio Lower Upper
91 100
106 32.5 24.7 37.1

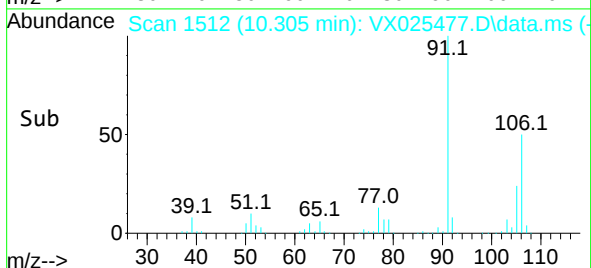
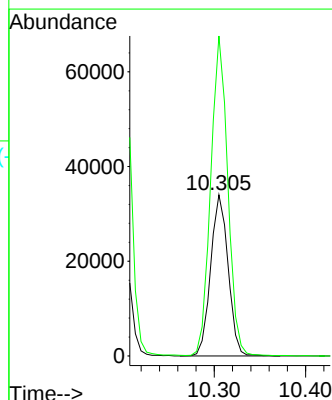
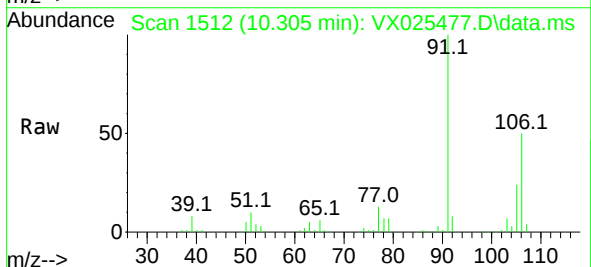
Manual Integrations
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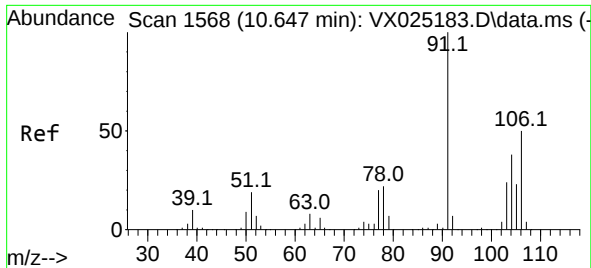
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#68
m/p-Xylenes
Concen: 19.223 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025477.D
Acq: 03 Dec 2021 13:12

Tgt Ion:106 Resp: 45067
Ion Ratio Lower Upper
106 100
91 194.4 163.4 245.0





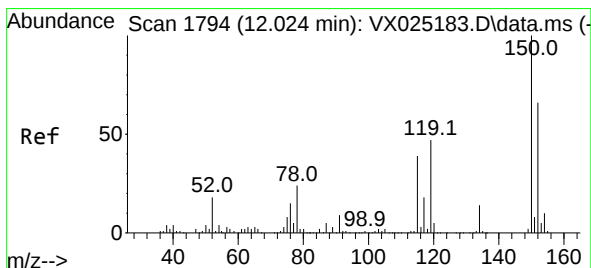
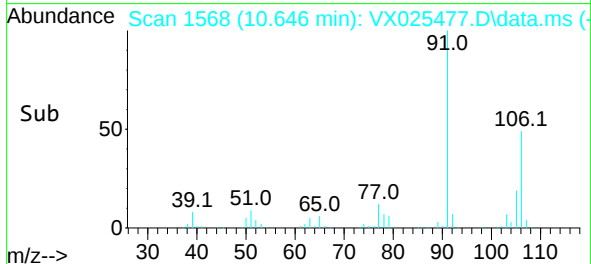
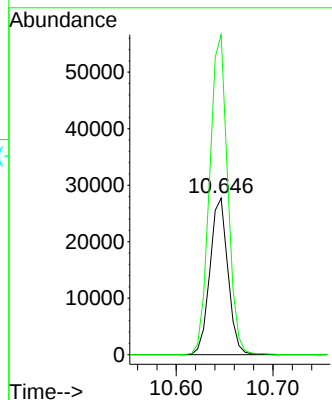
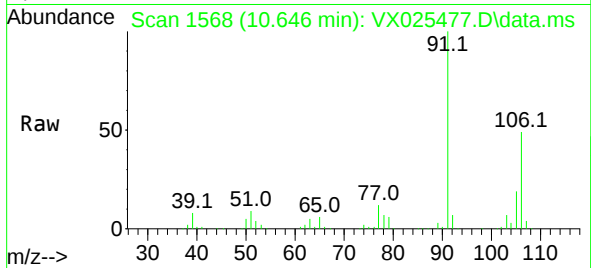
#69
o-Xylene
Concen: 15.625 ug/l
RT: 10.646 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX025477.D
Acq: 03 Dec 2021 13:12

Instrument :
MSVOA_X
ClientSampleId :
MW-27DL

Tgt Ion:106 Resp: 35854
Ion Ratio Lower Upper
106 100
91 206.0 109.5 328.4

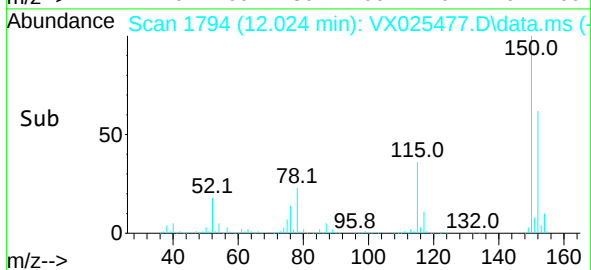
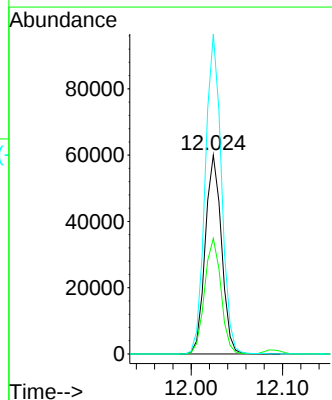
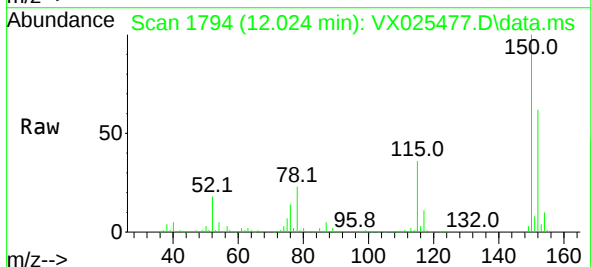
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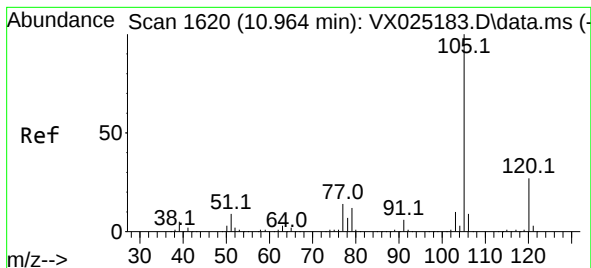
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025477.D
Acq: 03 Dec 2021 13:12

Tgt Ion:152 Resp: 73909
Ion Ratio Lower Upper
152 100
115 58.3 43.3 129.8
150 160.2 0.0 351.2





#73

Isopropylbenzene

Concen: 1.528 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.001 min

Lab File: VX025477.D

Acq: 03 Dec 2021 13:12

Instrument :

MSVOA_X

ClientSampleId :

MW-27DL

Tgt Ion:105 Resp: 8050

Ion Ratio Lower Upper

105 100

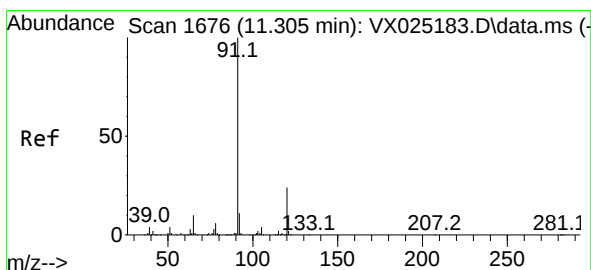
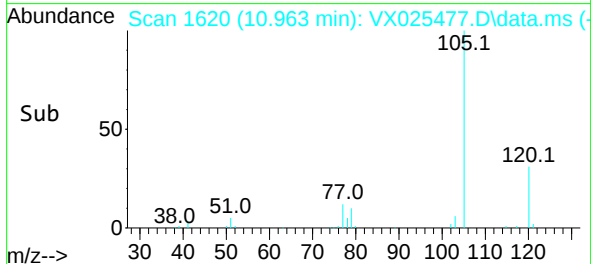
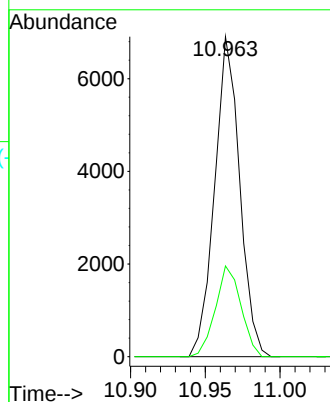
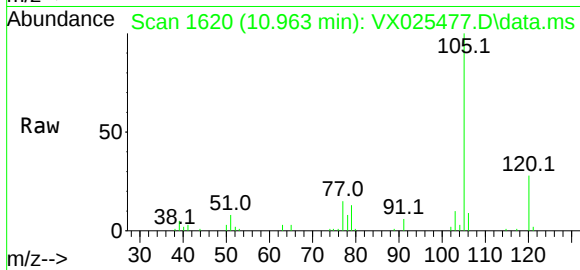
120 28.8 13.3 39.8

Manual Integrations

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Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#78

n-propylbenzene

Concen: 3.037 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX025477.D

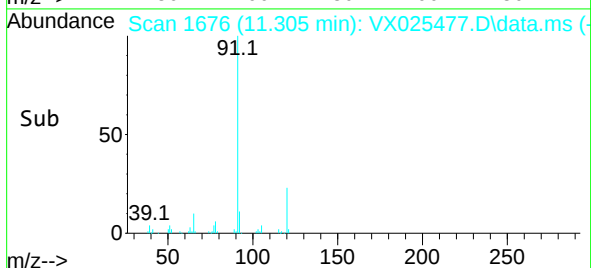
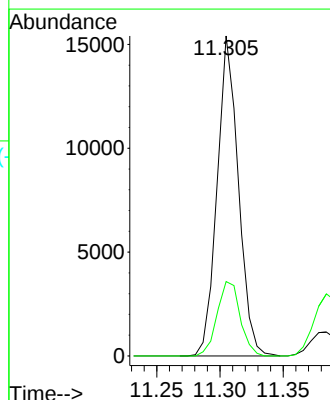
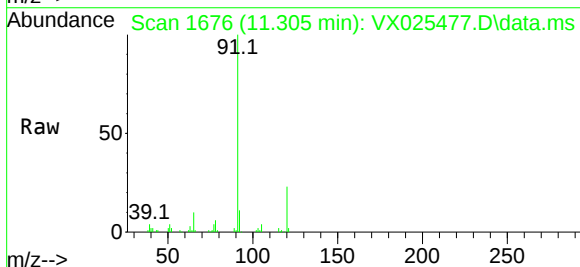
Acq: 03 Dec 2021 13:12

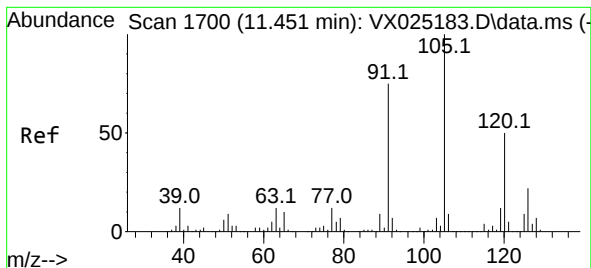
Tgt Ion: 91 Resp: 17956

Ion Ratio Lower Upper

91 100

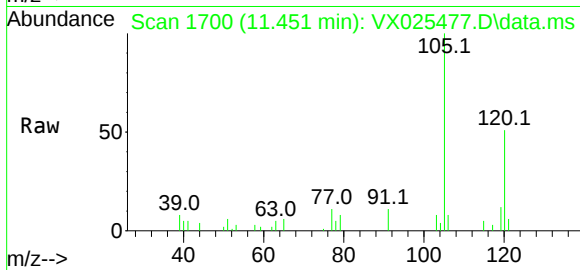
120 25.2 11.7 35.0





#80
1,3,5-Trimethylbenzene
Concen: 1.016 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX025477.D
Acq: 03 Dec 2021 13:12

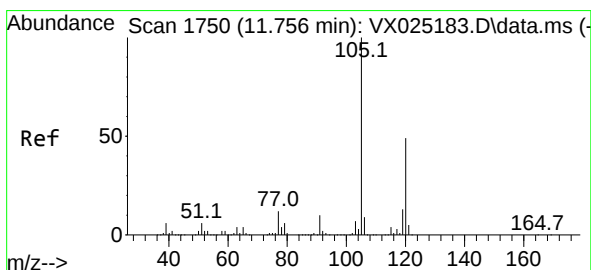
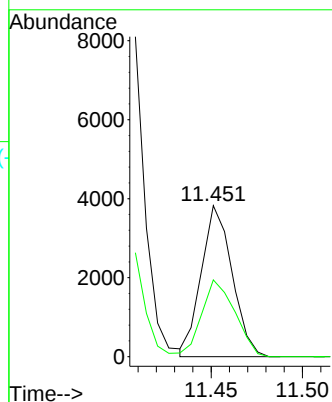
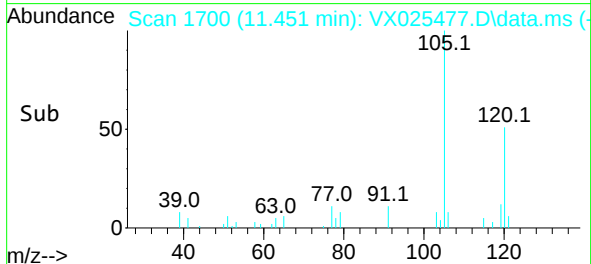
Instrument :
MSVOA_X
ClientSampleId :
MW-27DL



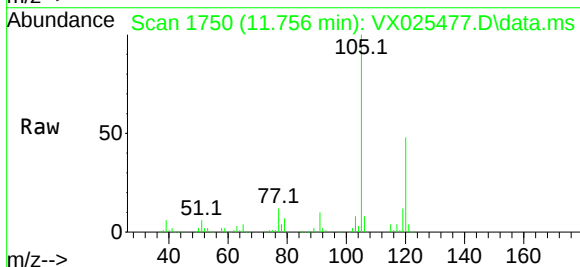
Tgt Ion:105 Resp: 4498
Ion Ratio Lower Upper
105 100
120 55.2 23.8 71.5

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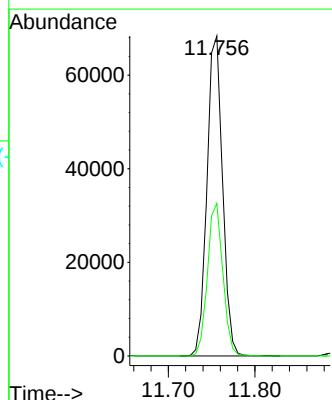
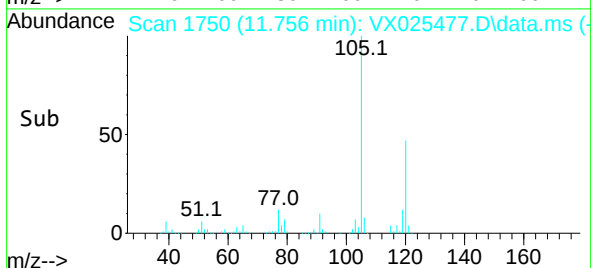
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

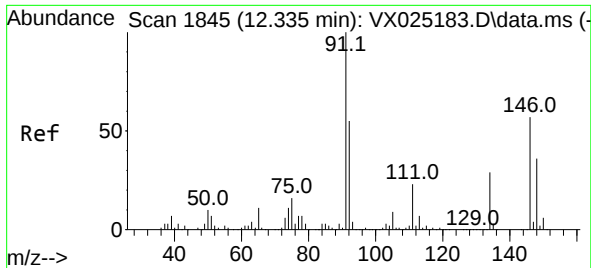


#84
1,2,4-Trimethylbenzene
Concen: 19.519 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX025477.D
Acq: 03 Dec 2021 13:12



Tgt Ion:105 Resp: 85418
Ion Ratio Lower Upper
105 100
120 47.2 22.1 66.3





#89

n-Butylbenzene

Concen: 0.288 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX025477.D

Acq: 03 Dec 2021 13:12

Instrument :

MSVOA_X

ClientSampleId :

MW-27DL

Tgt Ion: 91 Resp: 1139

Ion Ratio Lower Upper

91 100

92 35.1 26.3 78.8

134 84.9 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021

