

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
 Data File : VX032727.D
 Acq On : 10 Nov 2022 14:47
 Operator : JC/MD
 Sample : N5551-11DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14DL

Quant Time: Nov 11 00:36:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	120561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195616	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82534	49.269	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.540%		
35) Dibromofluoromethane	5.391	113	65450	46.906	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.820%		
50) Toluene-d8	8.647	98	241011	49.673	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.340%		
62) 4-Bromofluorobenzene	11.079	95	96225	50.771	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.540%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.946	59	4865	19.953	ug/l #	72
19) Methyl tert-butyl Ether	3.111	73	18140	4.269	ug/l #	1
22) Diisopropyl ether	3.763	45	2969	0.712	ug/l #	77
31) Cyclohexane	5.464	56	9523	4.689	ug/l #	94
39) Methylcyclohexane	7.379	83	5589	2.431	ug/l #	90
40) Benzene	6.043	78	78077	14.199	ug/l	98
52) Toluene	8.720	92	16498	4.599	ug/l	100
67) Ethyl Benzene	10.195	91	553032	78.932	ug/l	99
68) m/p-Xylenes	10.305	106	35157	12.922	ug/l	99
69) o-Xylene	10.646	106	10911	4.125	ug/l	99
73) Isopropylbenzene	10.963	105	24114	3.531	ug/l	98
78) n-propylbenzene	11.305	91	65574	8.334	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	13691	2.346	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	181691	31.299	ug/l	99
89) n-Butylbenzene	12.335	91	3783m	0.731	ug/l	
95) Naphthalene	13.780	128	49233	7.277	ug/l	99

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

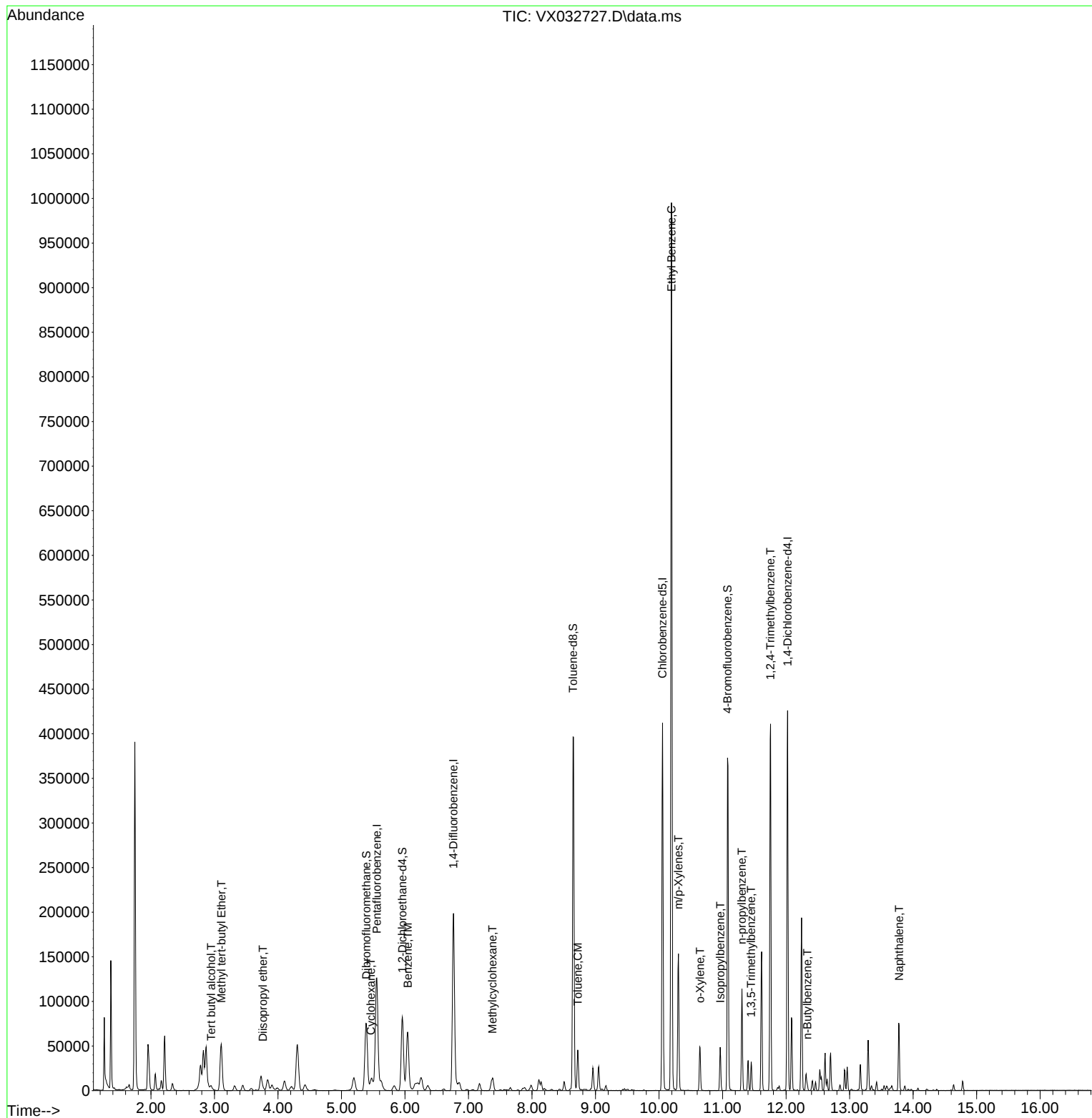
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
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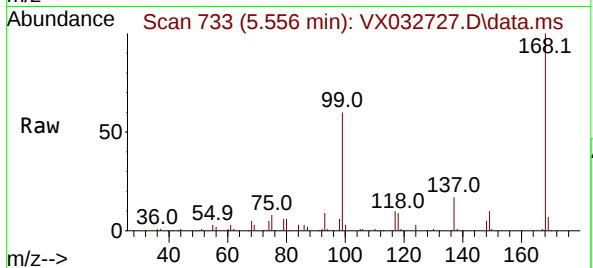
Reviewed By : John Carlone 11/11/2022
Supervised By : Mahesh Dadoda 11/11/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032727.D
Acq: 10 Nov 2022 14:47

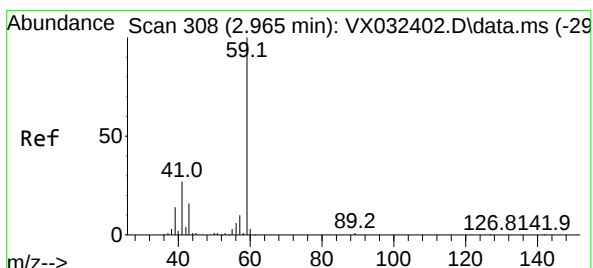
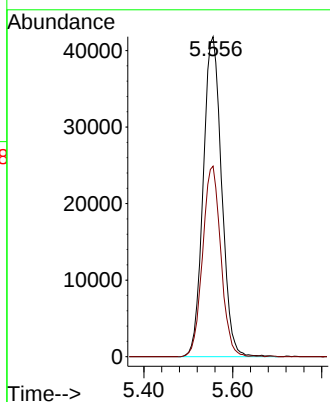
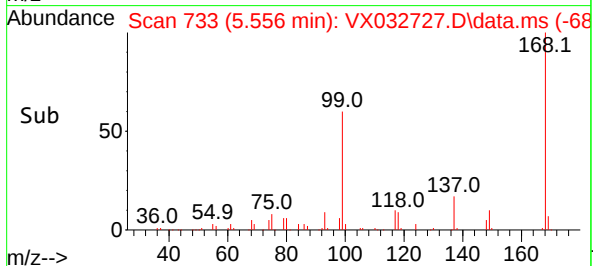
Instrument :
MSVOA_X
ClientSampleId :
MW-14DL



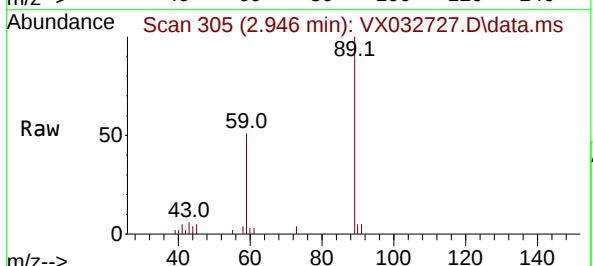
Tgt Ion:168 Resp: 12056
Ion Ratio Lower Upper
168 100
99 59.5 46.1 69.1

Manual Integrations
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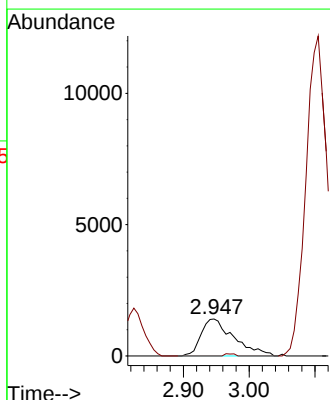
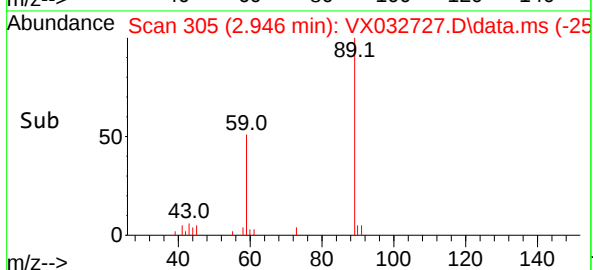
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

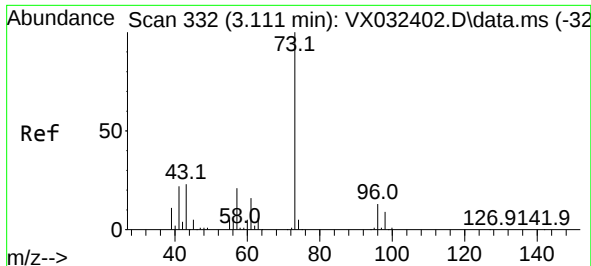


#11
Tert butyl alcohol
Concen: 19.953 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX032727.D
Acq: 10 Nov 2022 14:47



Tgt Ion: 59 Resp: 4865
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#19

Methyl tert-butyl Ether

Concen: 4.269 ug/l

RT: 3.111 min Scan# 332

Delta R.T. -0.000 min

Lab File: VX032727.D

Acq: 10 Nov 2022 14:47

Instrument :

MSVOA_X

ClientSampleId :

MW-14DL

Tgt Ion: 73 Resp: 18140

Ion Ratio Lower Upper

73 100

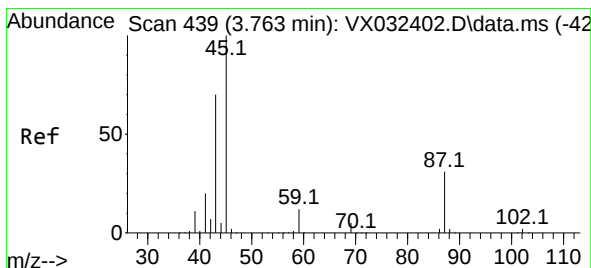
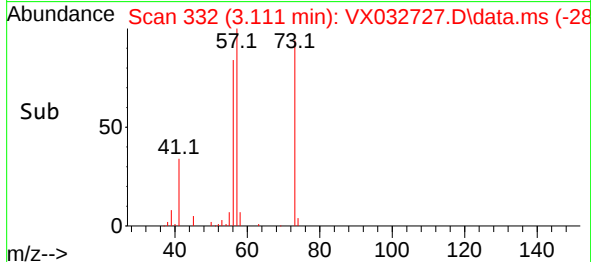
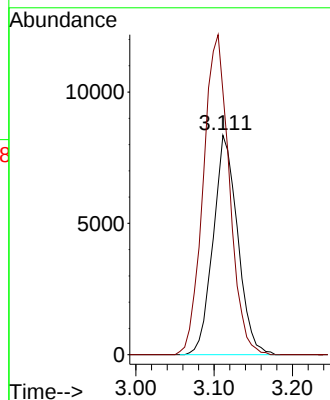
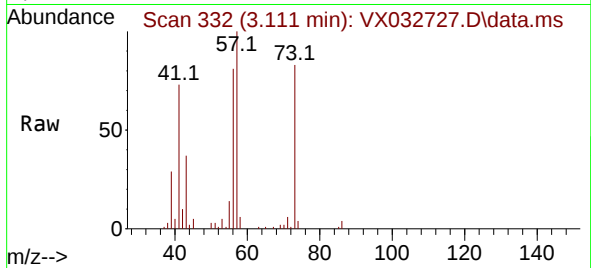
57 119.9 16.6 25.0

Manual Integrations

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#22

Diisopropyl ether

Concen: 0.712 ug/l

RT: 3.763 min Scan# 439

Delta R.T. -0.000 min

Lab File: VX032727.D

Acq: 10 Nov 2022 14:47

Tgt Ion: 45 Resp: 2969

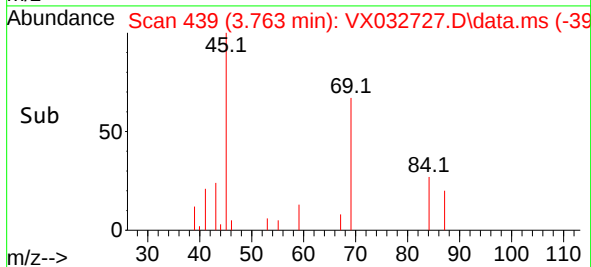
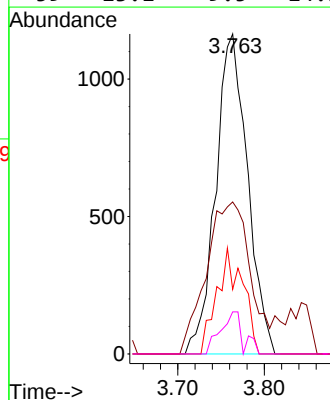
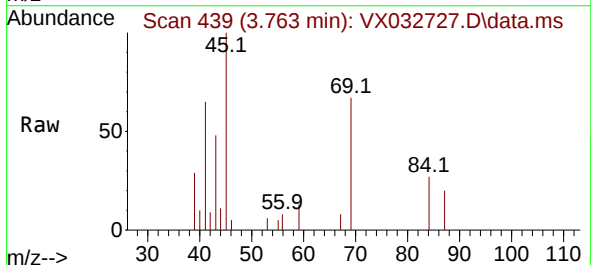
Ion Ratio Lower Upper

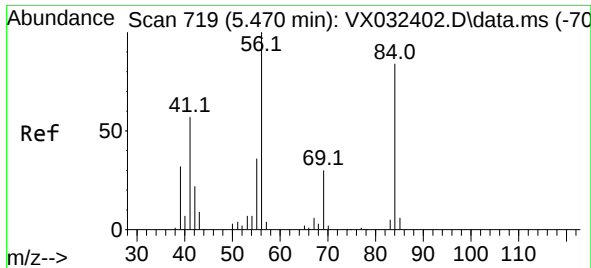
45 100

43 47.5 56.4 84.6#

87 20.2 24.4 36.6#

59 13.1 9.5 14.3





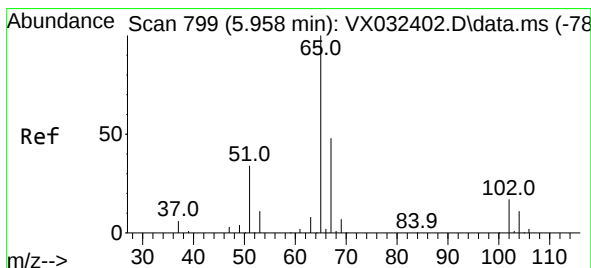
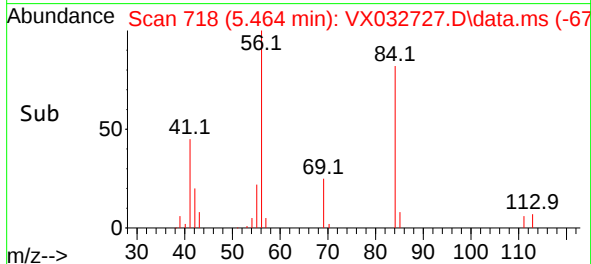
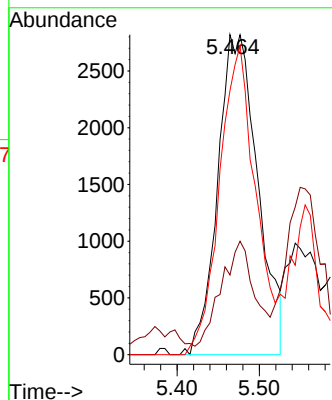
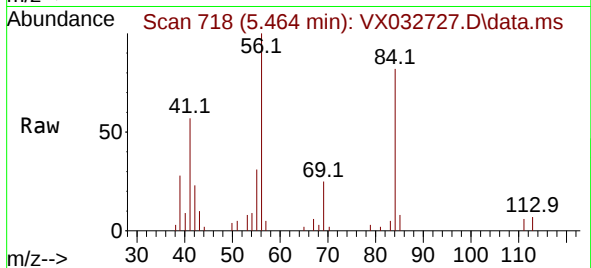
#31
Cyclohexane
Concen: 4.689 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX032727.D
Acq: 10 Nov 2022 14:47

Instrument :
MSVOA_X
ClientSampleId :
MW-14DL

Tgt Ion: 56 Resp: 952
Ion Ratio Lower Upper
56 100
69 19.8 24.1 36.1
84 82.5 66.9 100.3

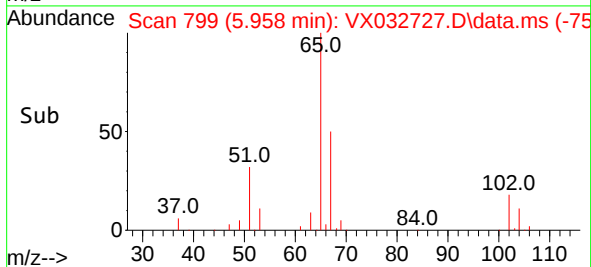
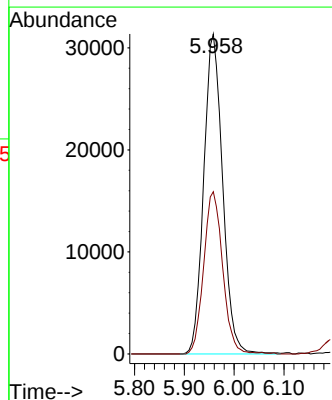
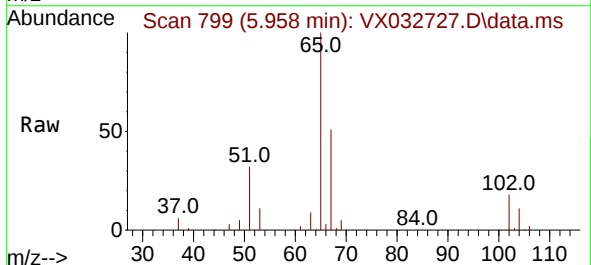
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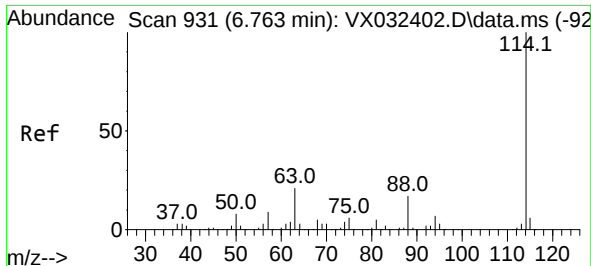
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#33
1,2-Dichloroethane-d4
Concen: 49.269 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032727.D
Acq: 10 Nov 2022 14:47

Tgt Ion: 65 Resp: 82534
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.8





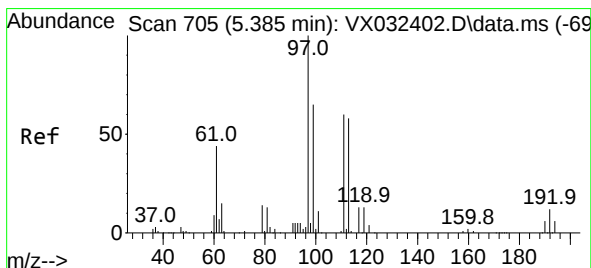
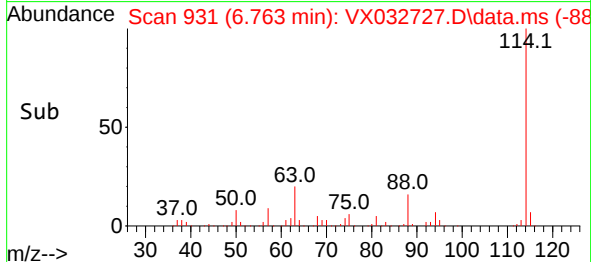
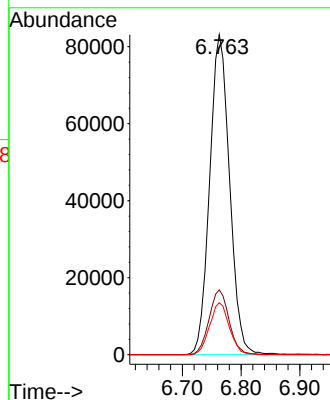
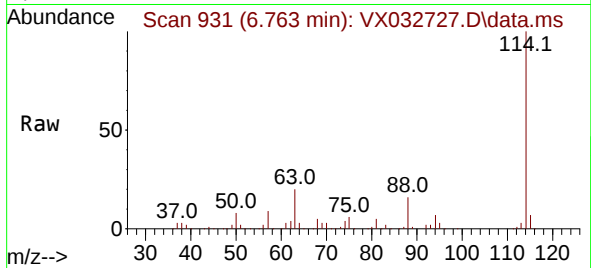
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX032727.D
Acq: 10 Nov 2022 14:47

Instrument :
MSVOA_X
ClientSampleId :
MW-14DL

Tgt Ion:114 Resp: 195610
Ion Ratio Lower Upper
114 100
63 20.2 0.0 41.6
88 16.3 0.0 33.4

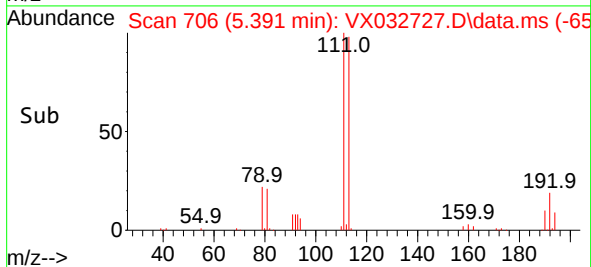
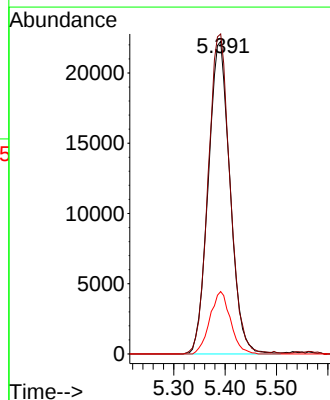
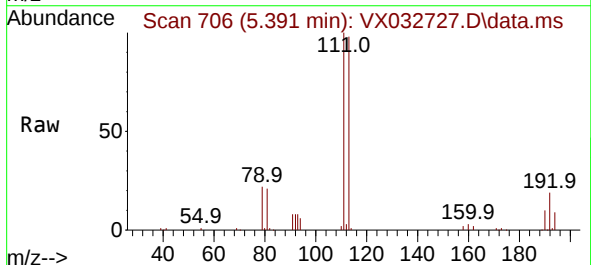
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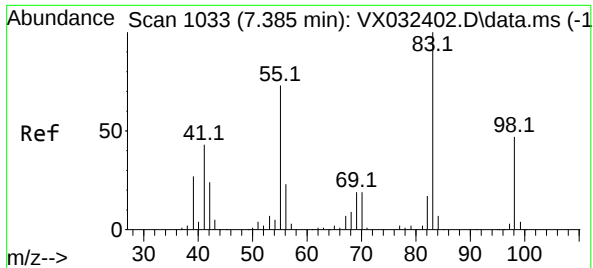
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#35
Dibromofluoromethane
Concen: 46.906 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032727.D
Acq: 10 Nov 2022 14:47

Tgt Ion:113 Resp: 65450
Ion Ratio Lower Upper
113 100
111 102.6 82.4 123.6
192 18.9 15.4 23.2





#39

Methylcyclohexane

Concen: 2.431 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX032727.D

Acq: 10 Nov 2022 14:47

Instrument :

MSVOA_X

ClientSampleId :

MW-14DL

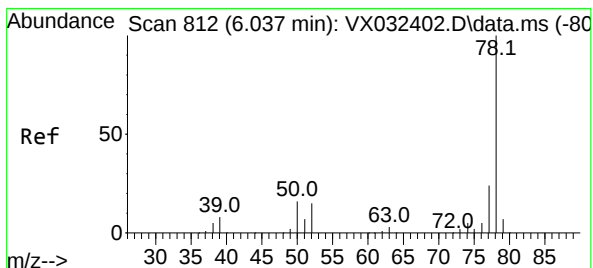
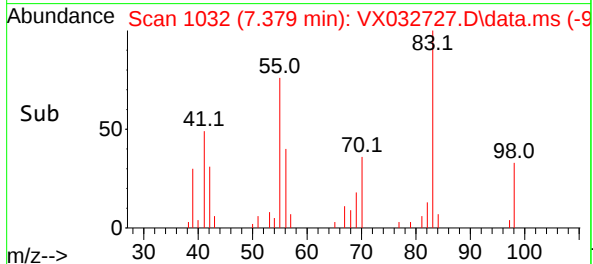
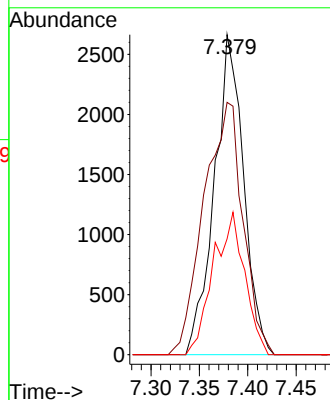
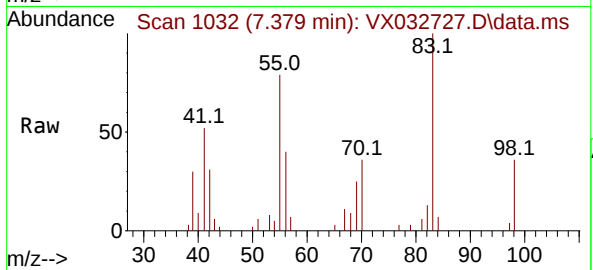
Tgt Ion: 83	Resp: 5589
Ion Ratio	Lower Upper
83 100	
55 78.9	58.4 87.6
98 36.2	37.2 55.8

Manual Integrations

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Supervised By :Mahesh Dadoda 11/11/2022



#40

Benzene

Concen: 14.199 ug/l

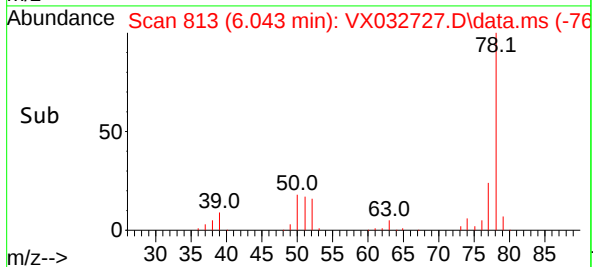
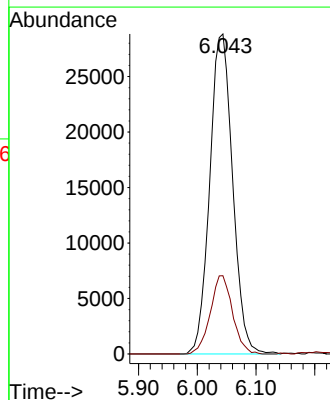
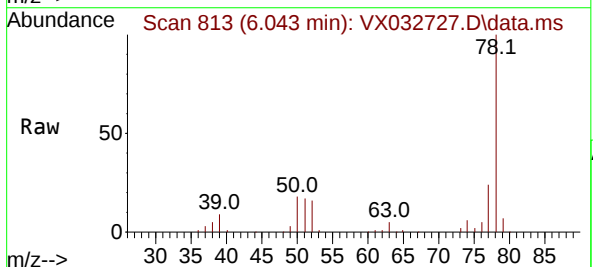
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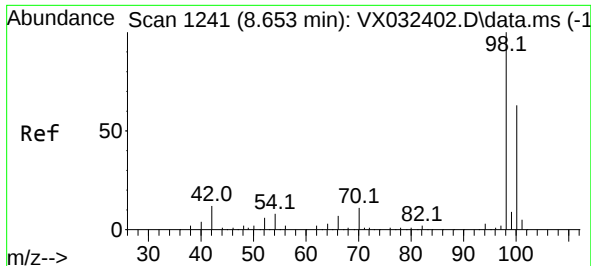
Delta R.T. 0.006 min

Lab File: VX032727.D

Acq: 10 Nov 2022 14:47

Tgt Ion: 78	Resp: 78077
Ion Ratio	Lower Upper
78 100	
77 24.5	19.0 28.4





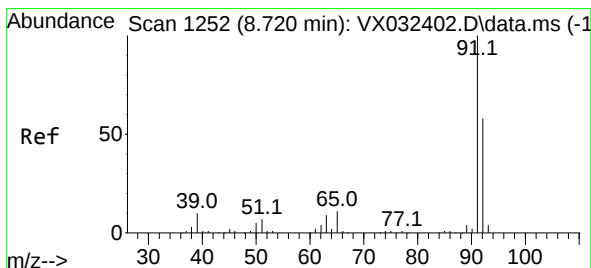
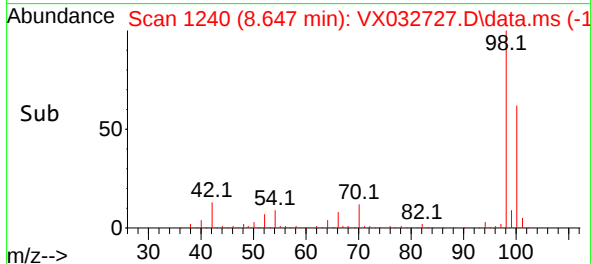
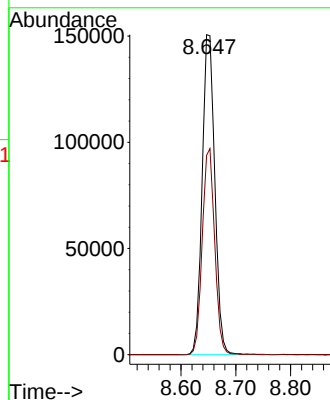
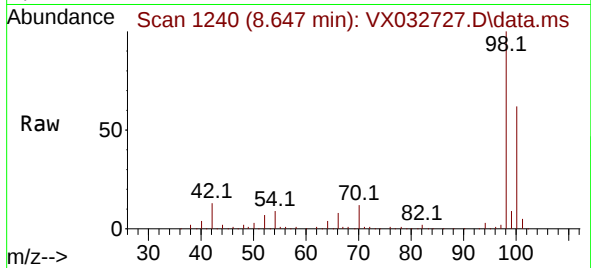
#50
Toluene-d8
Concen: 49.673 ug/l
RT: 8.647 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VX032727.D
Acq: 10 Nov 2022 14:47

Instrument :
MSVOA_X
ClientSampleId :
MW-14DL

Tgt Ion: 98 Resp: 24101
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3

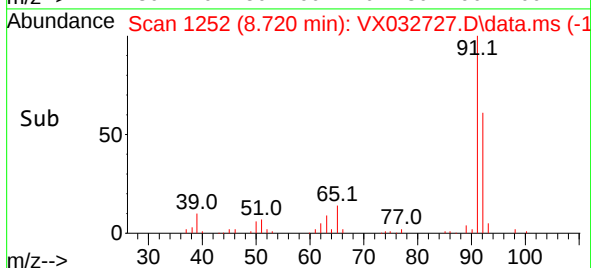
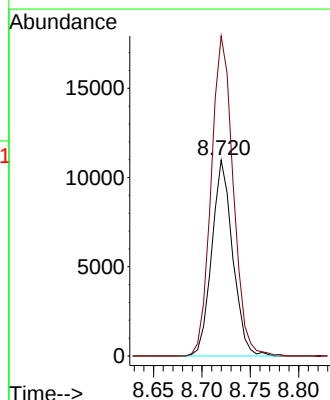
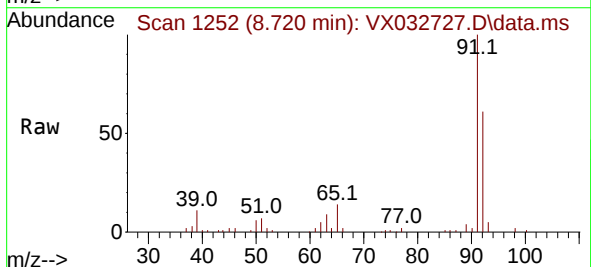
Manual Integrations
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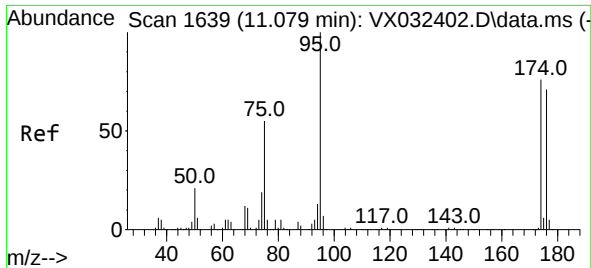
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#52
Toluene
Concen: 4.599 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032727.D
Acq: 10 Nov 2022 14:47

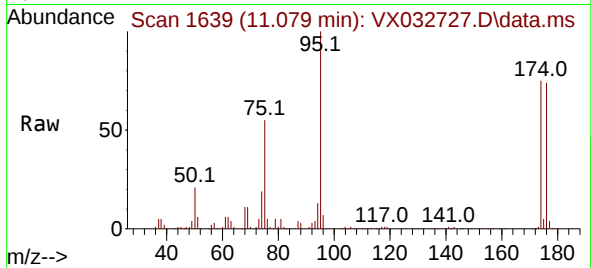
Tgt Ion: 92 Resp: 16498
Ion Ratio Lower Upper
92 100
91 172.4 138.3 207.5





#62
4-Bromofluorobenzene
Concen: 50.771 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032727.D
Acq: 10 Nov 2022 14:47

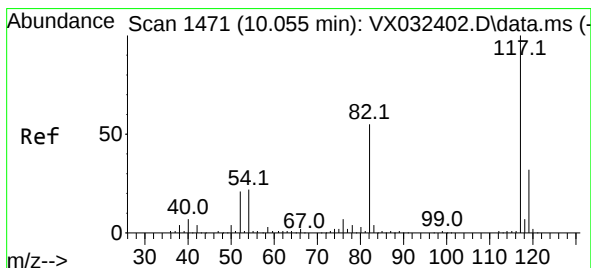
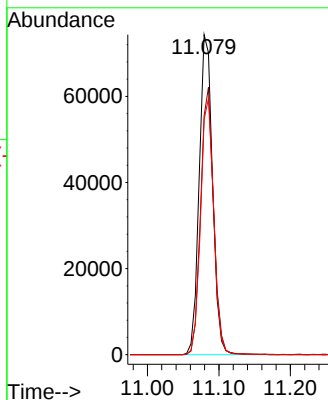
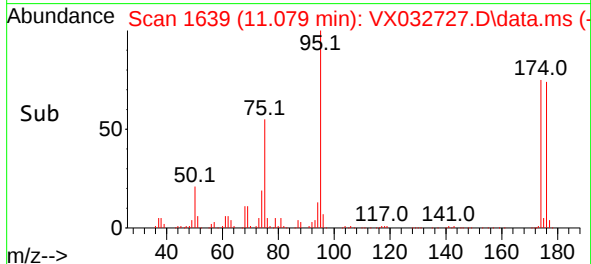
Instrument :
MSVOA_X
ClientSampleId :
MW-14DL



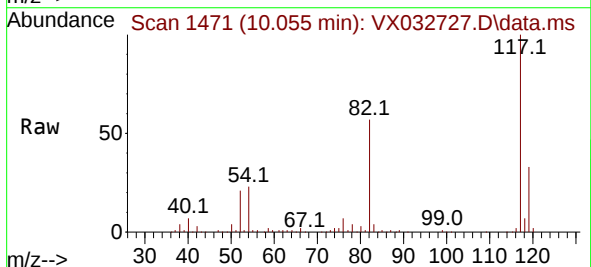
Tgt Ion: 95 Resp: 96225
Ion Ratio Lower Upper
95 100
174 81.5 0.0 164.0
176 79.2 0.0 154.4

Manual Integrations
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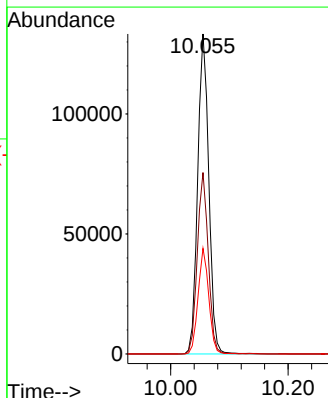
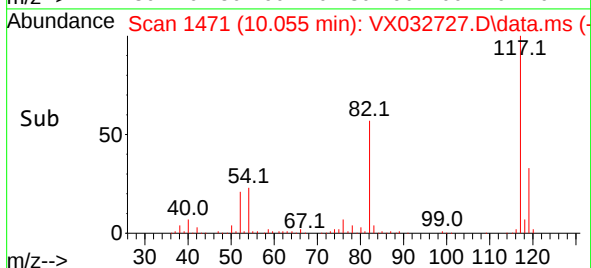
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

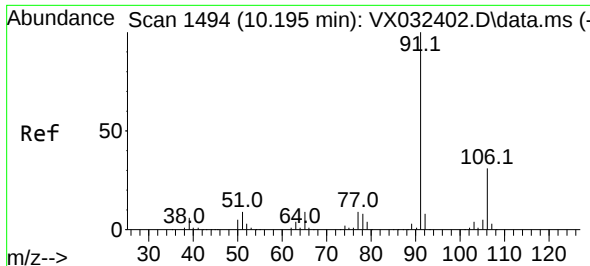


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032727.D
Acq: 10 Nov 2022 14:47



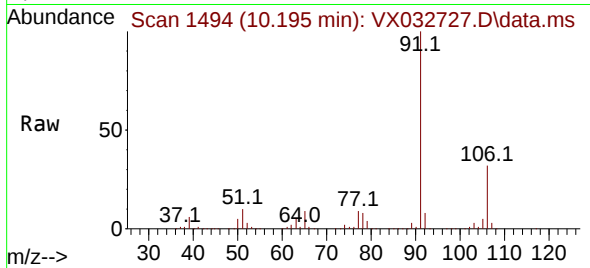
Tgt Ion:117 Resp: 174911
Ion Ratio Lower Upper
117 100
82 56.7 44.3 66.5
119 33.0 25.7 38.5





#67
Ethyl Benzene
Concen: 78.932 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX032727.D
Acq: 10 Nov 2022 14:47

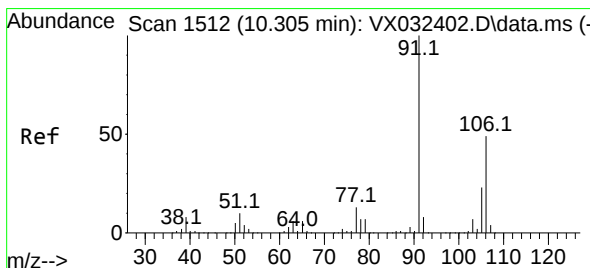
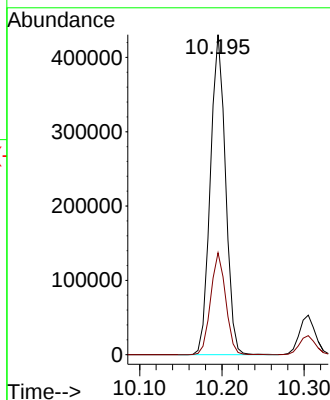
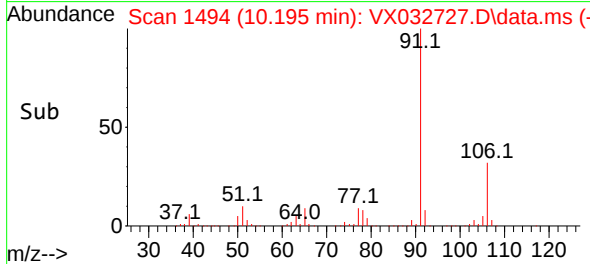
Instrument :
MSVOA_X
ClientSampleId :
MW-14DL



Tgt Ion: 91 Resp: 55303
Ion Ratio Lower Upper
91 100
106 31.9 25.0 37.6

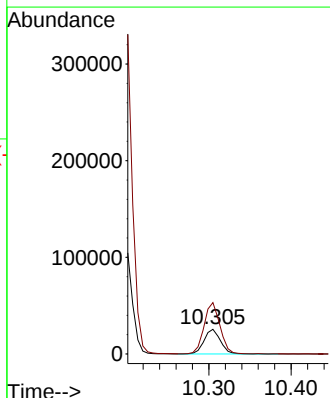
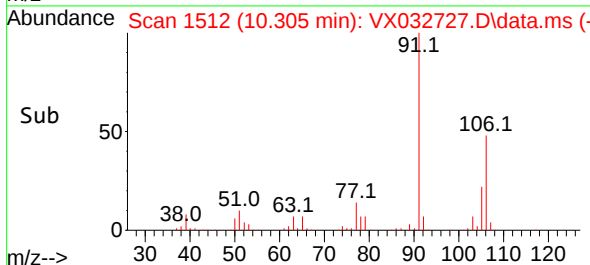
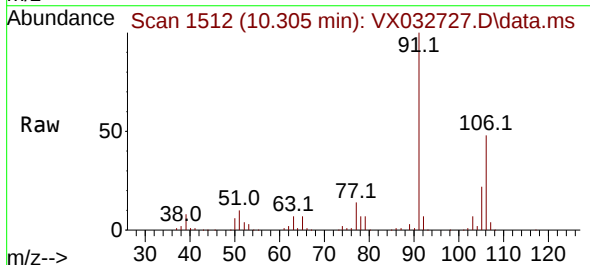
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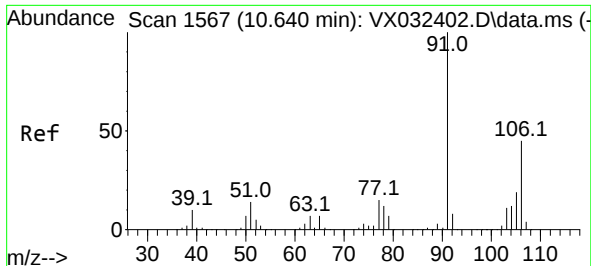
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#68
m/p-Xylenes
Concen: 12.922 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX032727.D
Acq: 10 Nov 2022 14:47

Tgt Ion:106 Resp: 35157
Ion Ratio Lower Upper
106 100
91 203.5 164.5 246.7





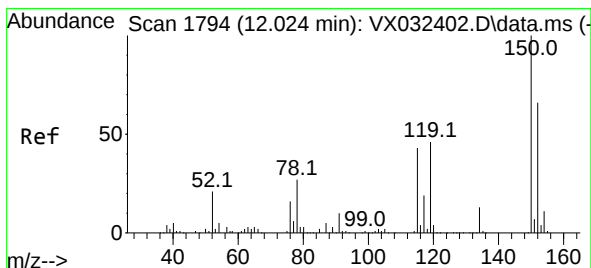
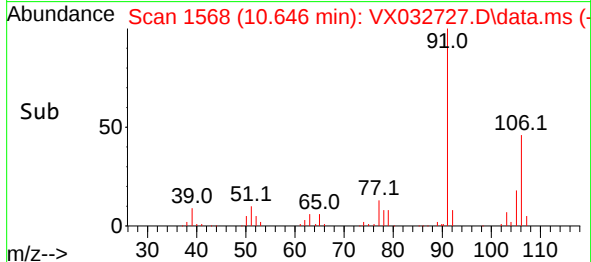
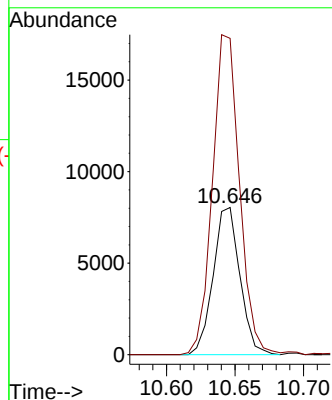
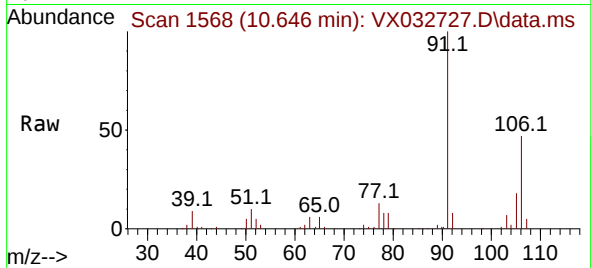
#69
o-Xylene
Concen: 4.125 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX032727.D
Acq: 10 Nov 2022 14:47

Instrument :
MSVOA_X
ClientSampleId :
MW-14DL

Tgt Ion:106 Resp: 1091
Ion Ratio Lower Upper
106 100
91 220.4 109.2 327.6

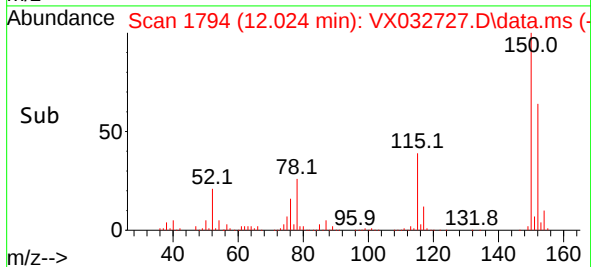
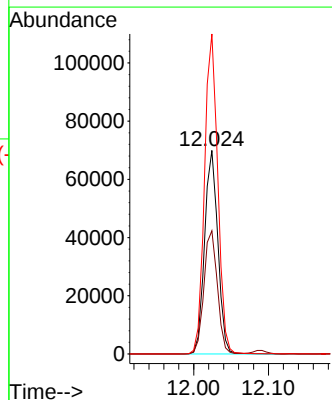
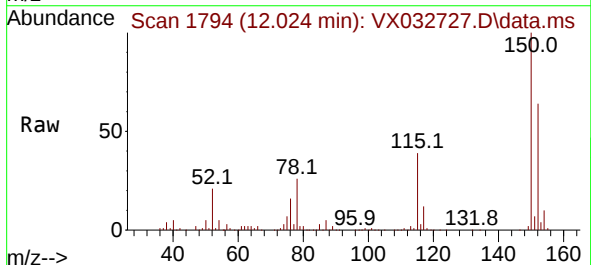
Manual Integrations
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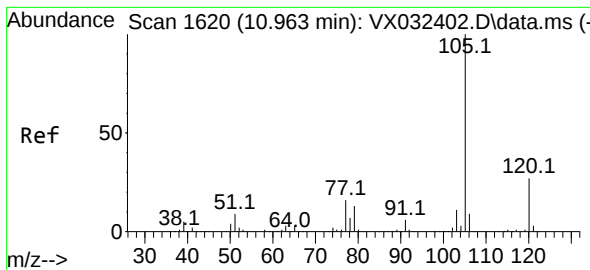
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032727.D
Acq: 10 Nov 2022 14:47

Tgt Ion:152 Resp: 86180
Ion Ratio Lower Upper
152 100
115 61.4 44.0 132.0
150 156.9 0.0 351.8





#73

Isopropylbenzene

Concen: 3.531 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX032727.D

Acq: 10 Nov 2022 14:47

Instrument :

MSVOA_X

ClientSampleId :

MW-14DL

Tgt Ion:105 Resp: 24114

Ion Ratio Lower Upper

105 100

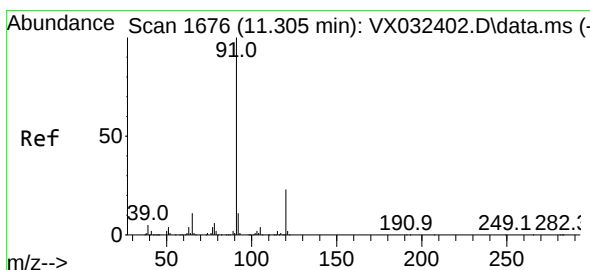
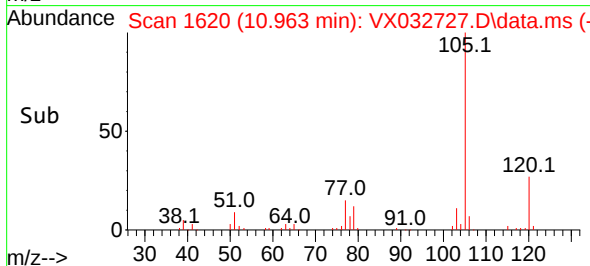
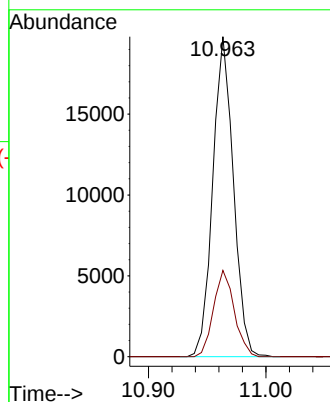
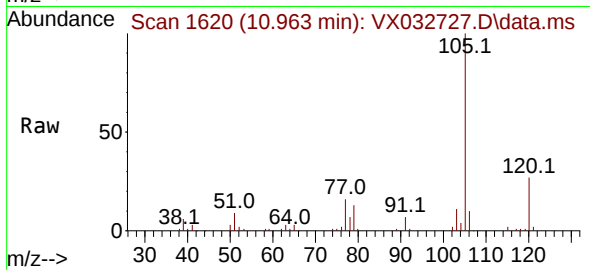
120 27.1 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#78

n-propylbenzene

Concen: 8.334 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX032727.D

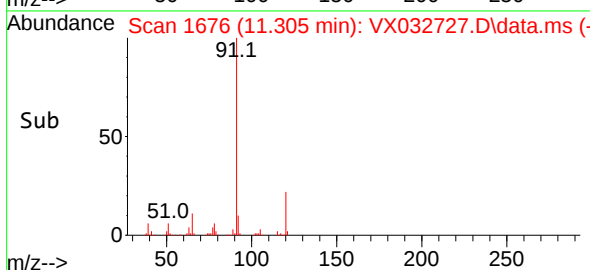
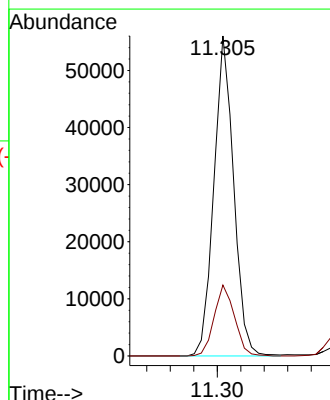
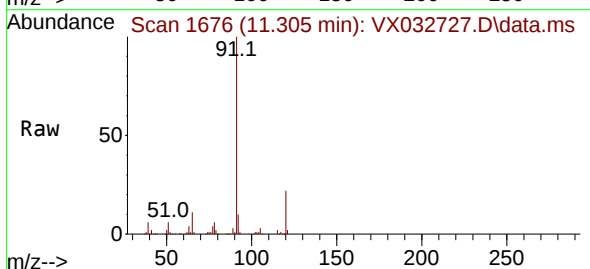
Acq: 10 Nov 2022 14:47

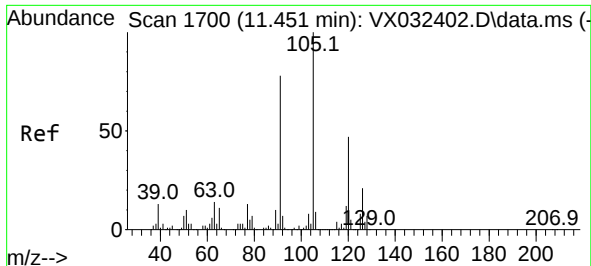
Tgt Ion: 91 Resp: 65574

Ion Ratio Lower Upper

91 100

120 22.8 11.6 34.8





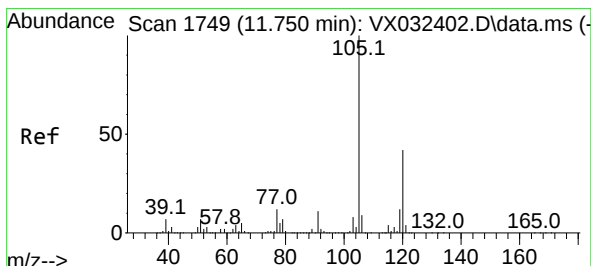
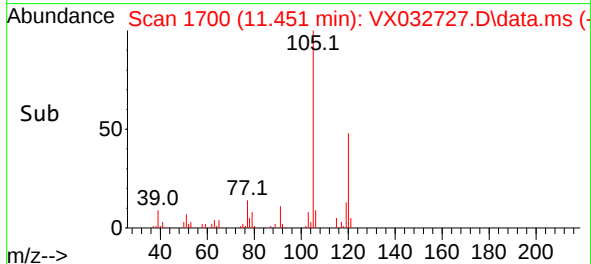
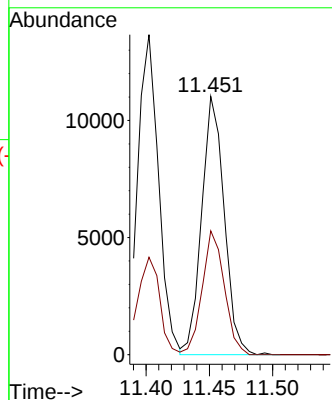
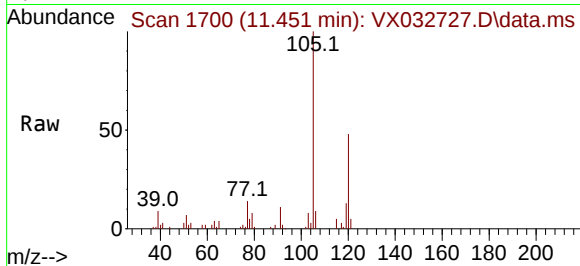
#80
1,3,5-Trimethylbenzene
Concen: 2.346 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032727.D
Acq: 10 Nov 2022 14:47

Instrument :
MSVOA_X
ClientSampleId :
MW-14DL

Tgt Ion:105 Resp: 1369
Ion Ratio Lower Upper
105 100
120 47.1 23.6 71.0

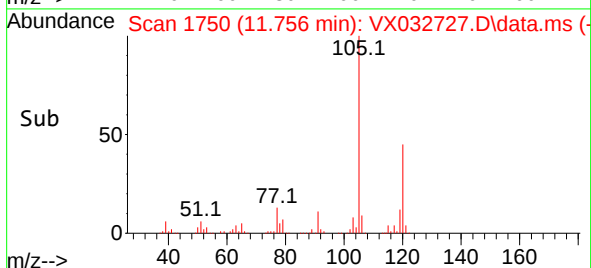
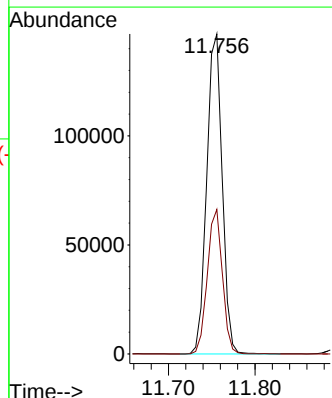
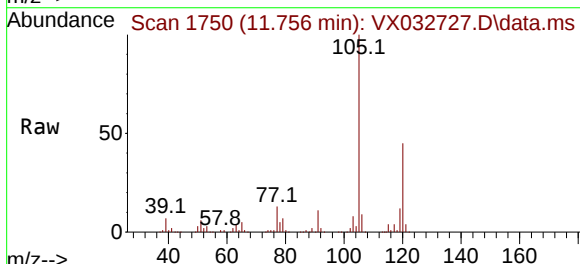
Manual Integrations
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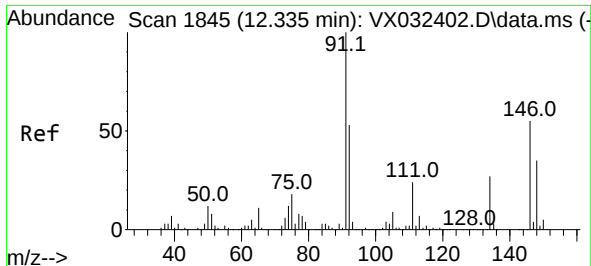
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#84
1,2,4-Trimethylbenzene
Concen: 31.299 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX032727.D
Acq: 10 Nov 2022 14:47

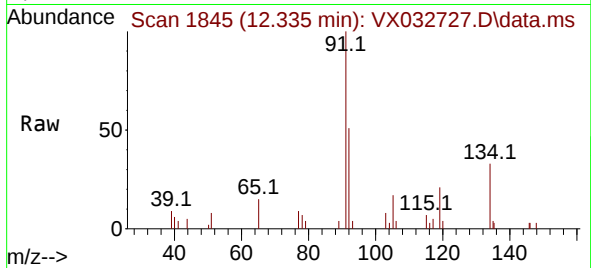
Tgt Ion:105 Resp: 181691
Ion Ratio Lower Upper
105 100
120 44.1 21.9 65.5





#89
n-Butylbenzene
Concen: 0.731 ug/l m
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX032727.D
Acq: 10 Nov 2022 14:47

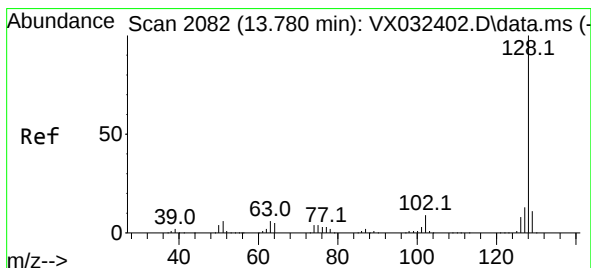
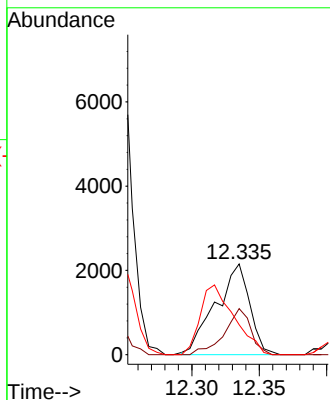
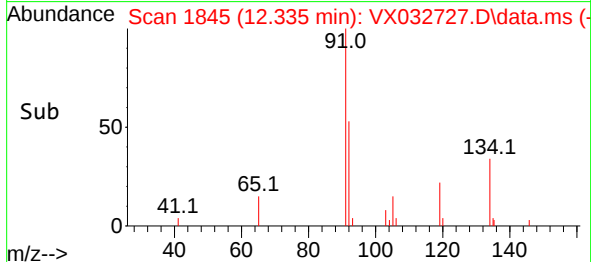
Instrument :
MSVOA_X
ClientSampleId :
MW-14DL



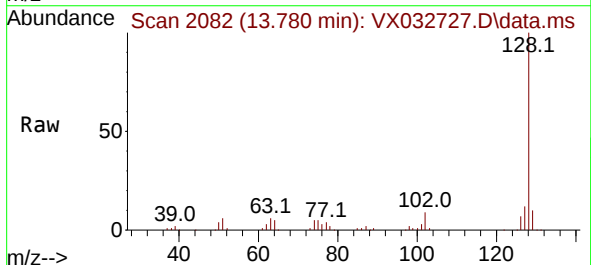
Tgt Ion: 91 Resp: 378
Ion Ratio Lower Upper
91 100
92 0.0 26.2 78.6
134 0.0 12.9 38.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#95
Naphthalene
Concen: 7.277 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX032727.D
Acq: 10 Nov 2022 14:47



Tgt Ion:128 Resp: 49233
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.3 8.9 13.3

