

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031822\
 Data File : VX027524.D
 Acq On : 18 Mar 2022 13:44
 Operator : JC/MD
 Sample : N1997-19DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-124DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/19/2022
 Supervised By : Mahesh Dadoda 03/21/2022

Quant Time: Mar 19 03:06:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

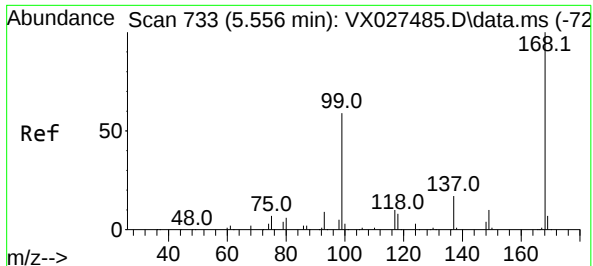
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	339356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	564426	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	530909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	280834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	205753	49.217	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.440%		
35) Dibromofluoromethane	5.385	113	182018	50.123	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.240%		
50) Toluene-d8	8.653	98	663824	48.307	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.620%		
62) 4-Bromofluorobenzene	11.085	95	265884	52.642	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	105.280%		
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	3.123	73	8101	0.762	ug/l	94
39) Methylcyclohexane	7.379	83	7623	1.222	ug/l	96
40) Benzene	6.038	78	34245	2.405	ug/l	92
52) Toluene	8.720	92	83142	8.715	ug/l	100
67) Ethyl Benzene	10.195	91	465811	24.918	ug/l	99
68) m/p-Xylenes	10.305	106	382422	51.956	ug/l	99
69) o-Xylene	10.647	106	104254	14.588	ug/l	99
73) Isopropylbenzene	10.964	105	10899	0.533	ug/l	99
78) n-propylbenzene	11.305	91	46896	2.088	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	163174	9.478	ug/l	98
83) tert-Butylbenzene	11.713	119	8464	0.496	ug/l	86
84) 1,2,4-Trimethylbenzene	11.756	105	314656	18.327	ug/l	99
95) Naphthalene	13.780	128	93713	4.815	ug/l	99

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

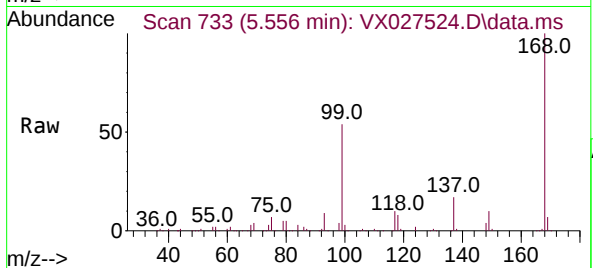
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Supervised By :Mahesh Dadoda 03/21/2022

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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027524.D
Acq: 18 Mar 2022 13:44

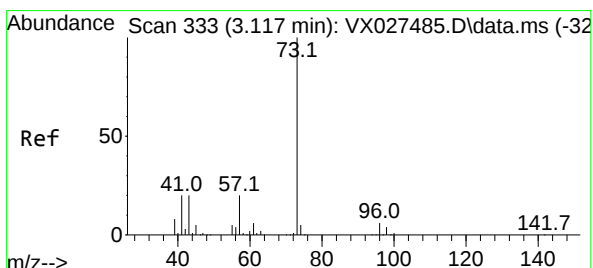
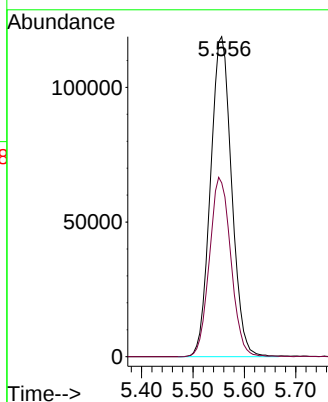
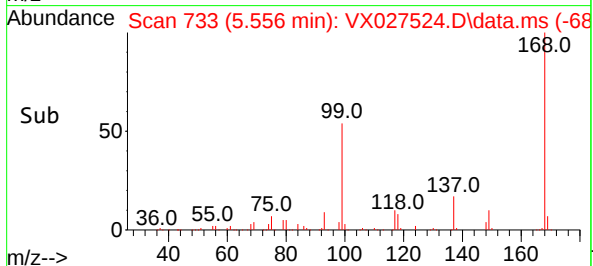
Instrument :
MSVOA_X
ClientSampleId :
MW-124DL



Tgt Ion:168 Resp: 339350
Ion Ratio Lower Upper
168 100
99 54.3 41.7 62.5

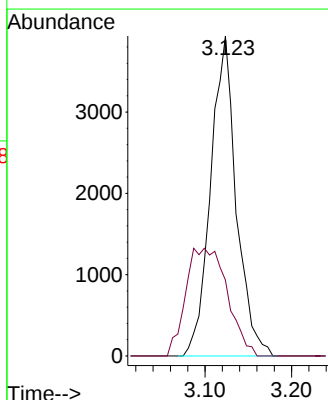
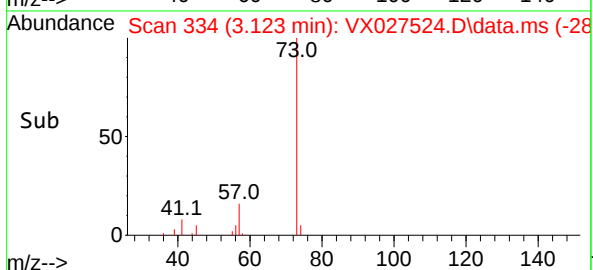
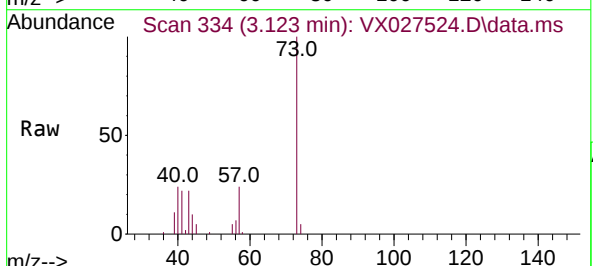
Manual Integrations
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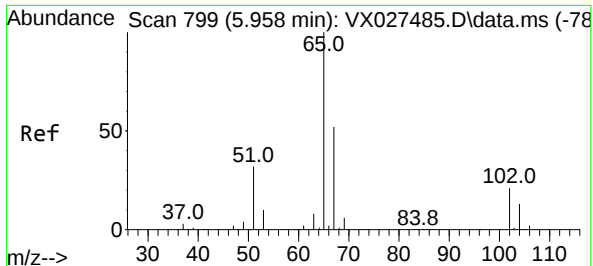
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#19
Methyl tert-butyl Ether
Concen: 0.762 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX027524.D
Acq: 18 Mar 2022 13:44

Tgt Ion: 73 Resp: 8101
Ion Ratio Lower Upper
73 100
57 23.7 16.8 25.2





#33

1,2-Dichloroethane-d4

Concen: 49.217 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027524.D

Acq: 18 Mar 2022 13:44

Instrument :

MSVOA_X

ClientSampleId :

MW-124DL

Tgt Ion: 65 Resp: 20575

Ion Ratio Lower Upper

65 100

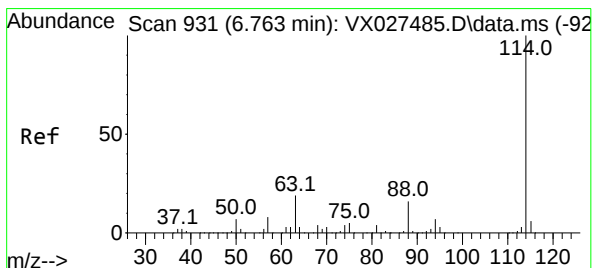
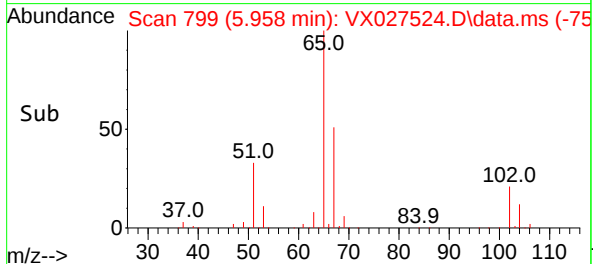
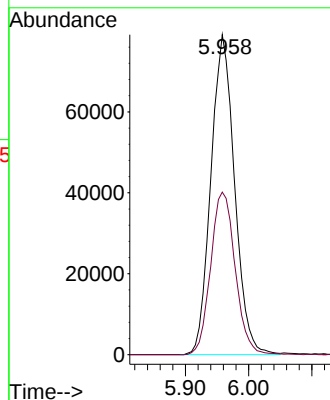
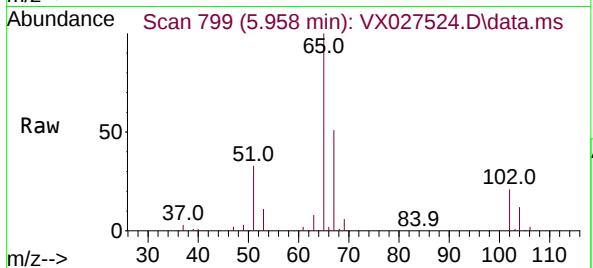
67 52.6 0.0 107.4

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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: VX027524.D

Acq: 18 Mar 2022 13:44

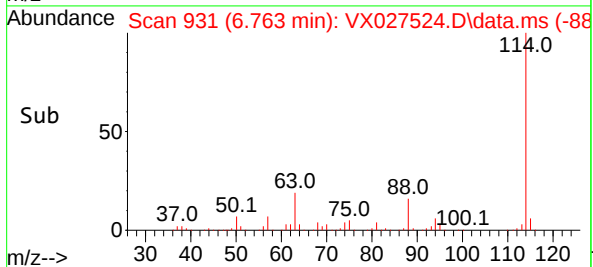
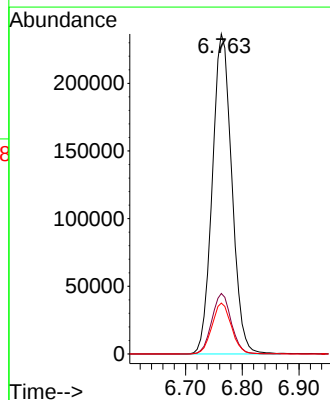
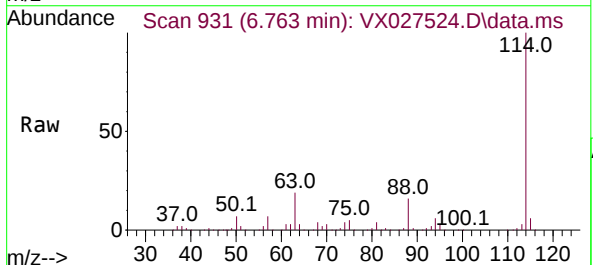
Tgt Ion:114 Resp: 564426

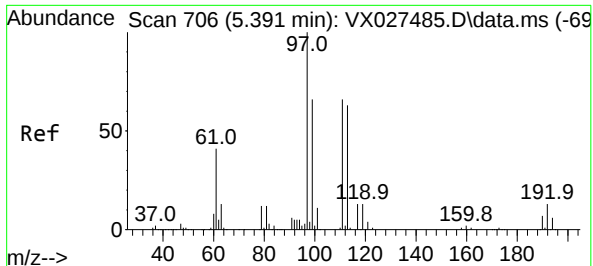
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.8

88 15.9 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.123 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX027524.D

Acq: 18 Mar 2022 13:44

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:113 Resp: 182018

Ion Ratio Lower Upper

113 100

111 102.3 82.8 124.2

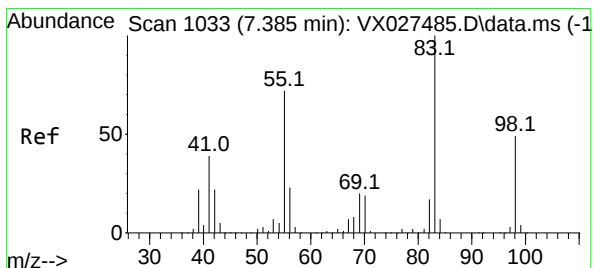
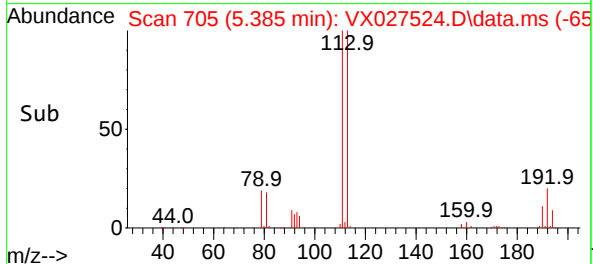
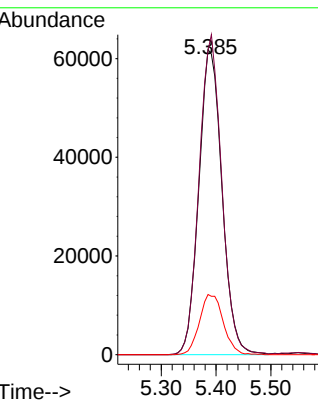
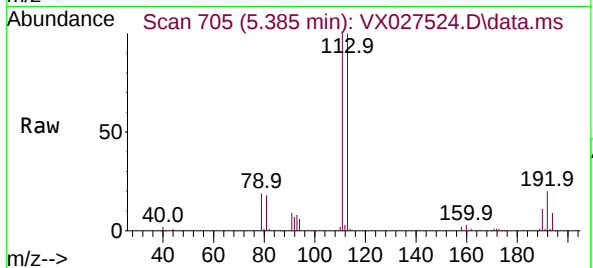
192 20.2 16.9 25.3

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Reviewed By :John Carlone 03/19/2022

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#39

Methylcyclohexane

Concen: 1.222 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX027524.D

Acq: 18 Mar 2022 13:44

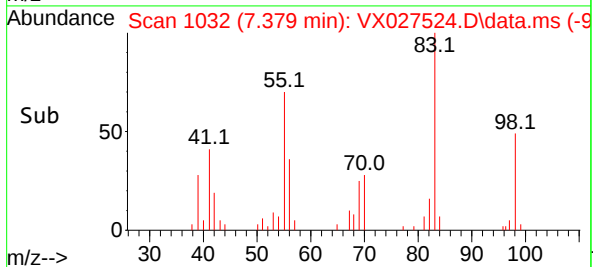
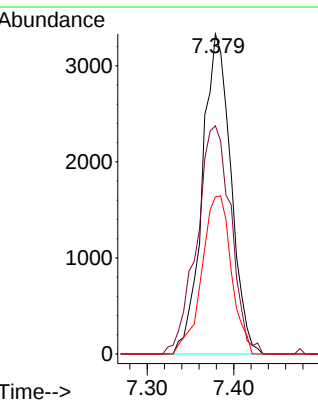
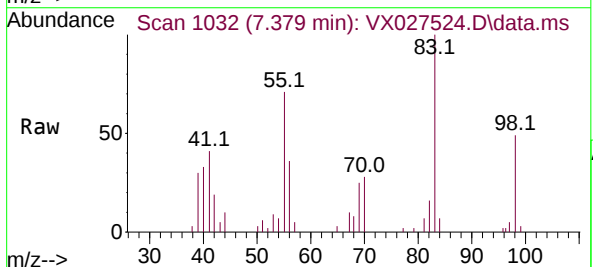
Tgt Ion: 83 Resp: 7623

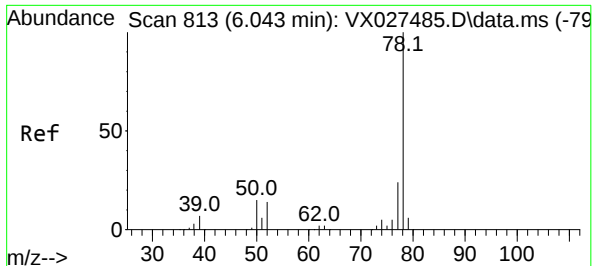
Ion Ratio Lower Upper

83 100

55 71.3 54.6 81.8

98 49.1 37.4 56.2





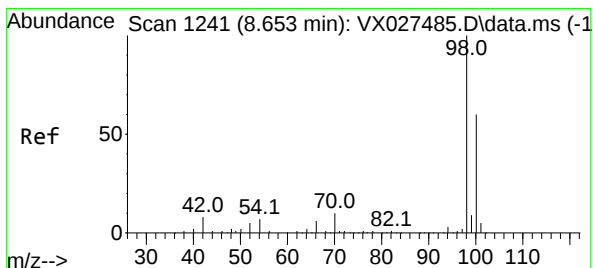
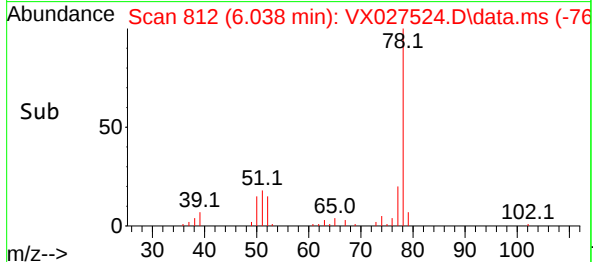
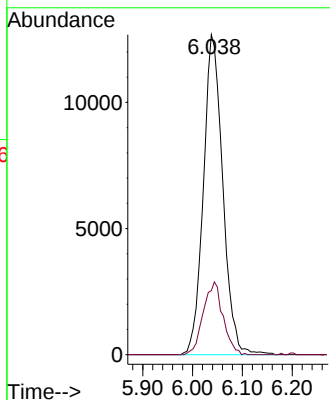
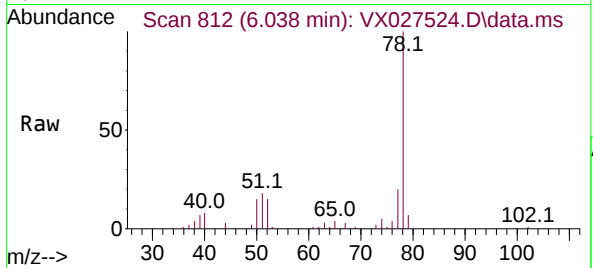
#40
Benzene
Concen: 2.405 ug/l
RT: 6.038 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX027524.D
Acq: 18 Mar 2022 13:44

Instrument :
MSVOA_X
ClientSampleId :
MW-124DL

Tgt Ion: 78 Resp: 3424
Ion Ratio Lower Upper
78 100
77 20.0 19.3 28.9

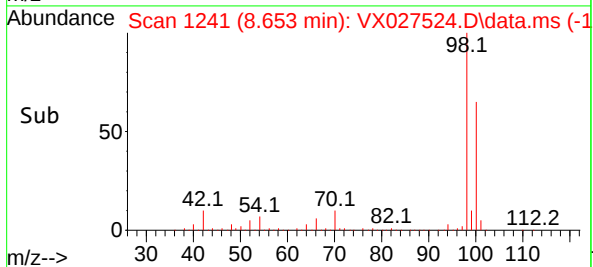
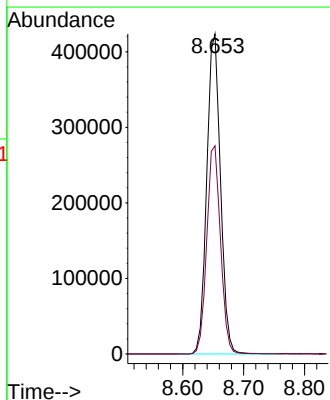
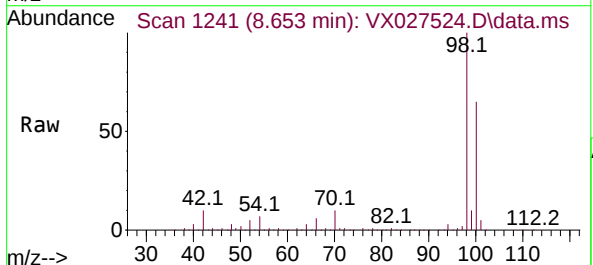
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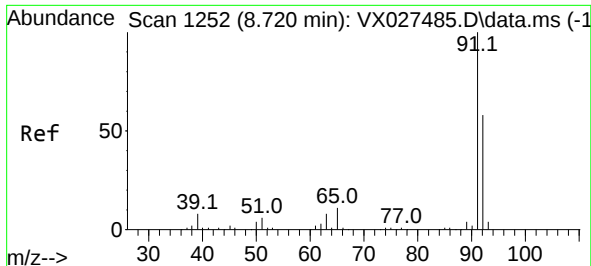
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#50
Toluene-d8
Concen: 48.307 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027524.D
Acq: 18 Mar 2022 13:44

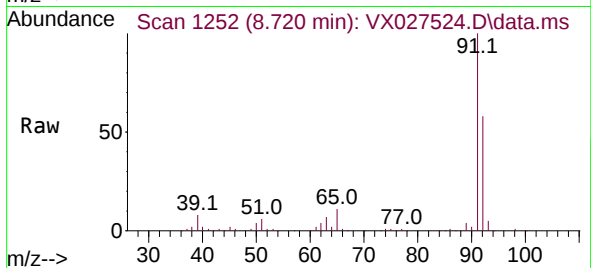
Tgt Ion: 98 Resp: 663824
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8





#52
Toluene
Concen: 8.715 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027524.D
Acq: 18 Mar 2022 13:44

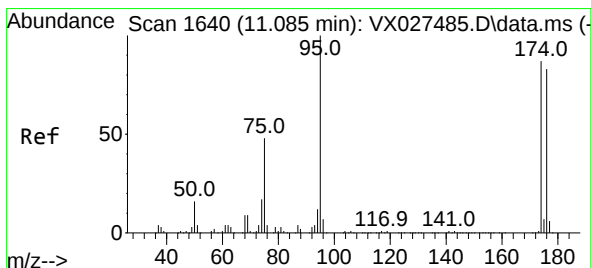
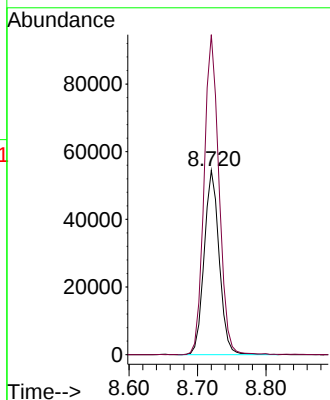
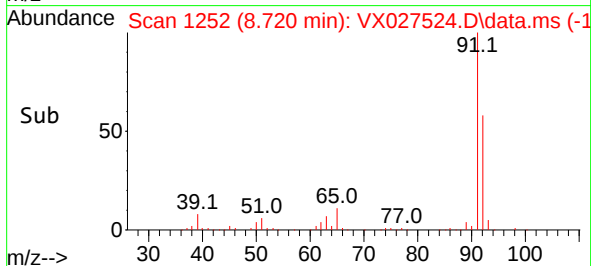
Instrument :
MSVOA_X
ClientSampleId :
MW-124DL



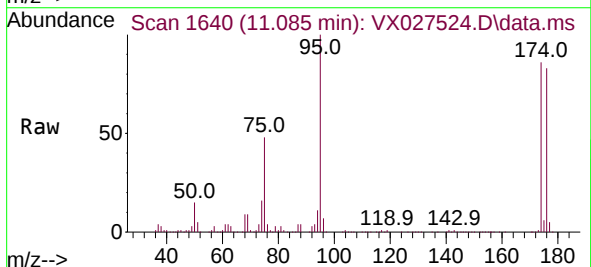
Tgt Ion: 92 Resp: 8314
Ion Ratio Lower Upper
92 100
91 172.4 137.5 206.3

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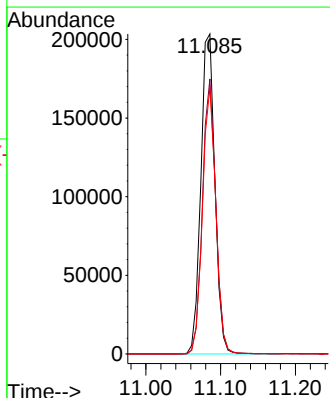
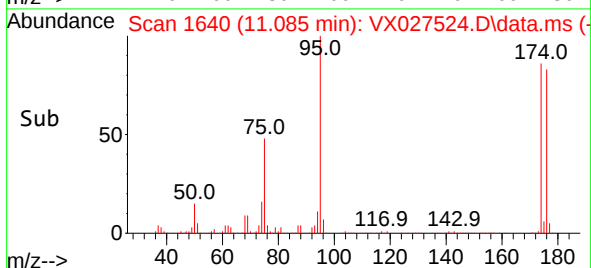
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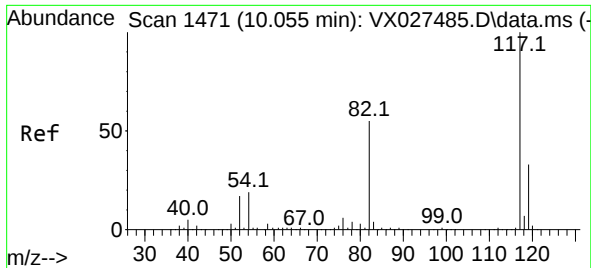


#62
4-Bromofluorobenzene
Concen: 52.642 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027524.D
Acq: 18 Mar 2022 13:44



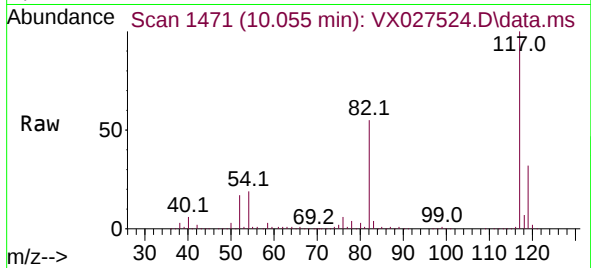
Tgt Ion: 95 Resp: 265884
Ion Ratio Lower Upper
95 100
174 81.2 0.0 163.0
176 79.0 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027524.D
Acq: 18 Mar 2022 13:44

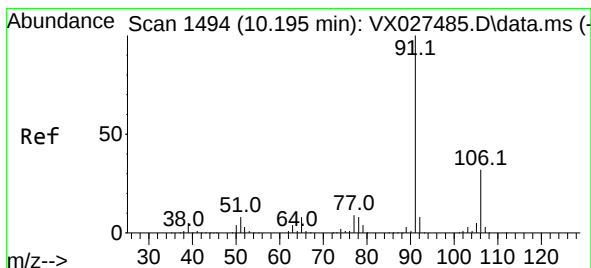
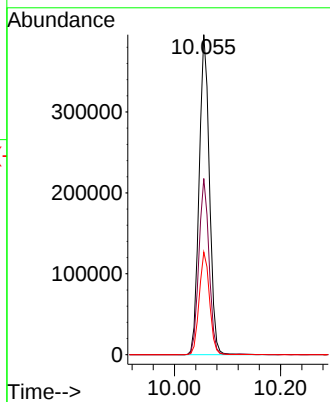
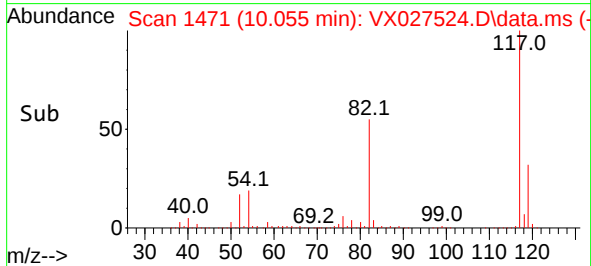
Instrument :
MSVOA_X
ClientSampleId :
MW-124DL



Tgt Ion:117 Resp: 530909
Ion Ratio Lower Upper
117 100
82 55.0 41.8 62.8
119 32.0 24.8 37.2

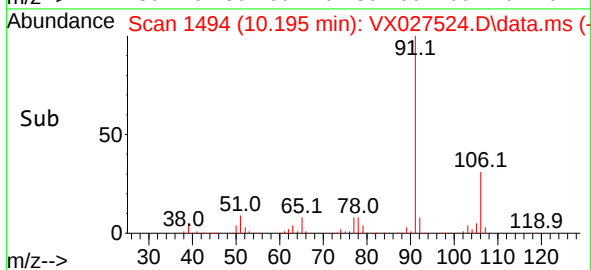
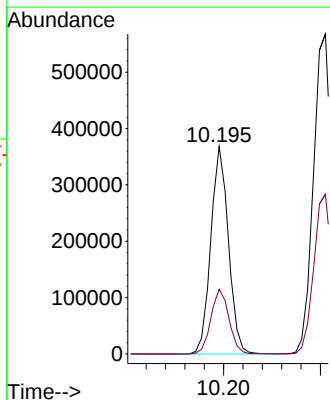
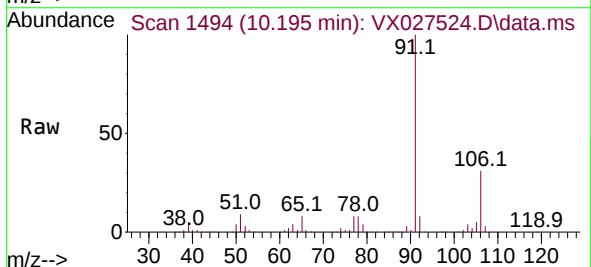
Manual Integrations
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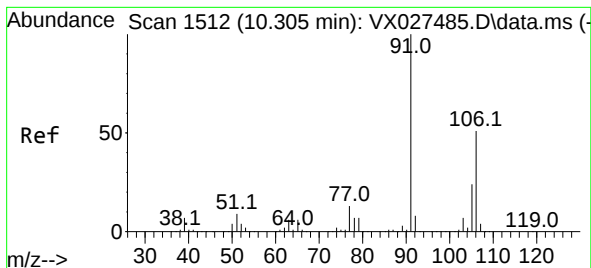
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#67
Ethyl Benzene
Concen: 24.918 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027524.D
Acq: 18 Mar 2022 13:44

Tgt Ion: 91 Resp: 465811
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8





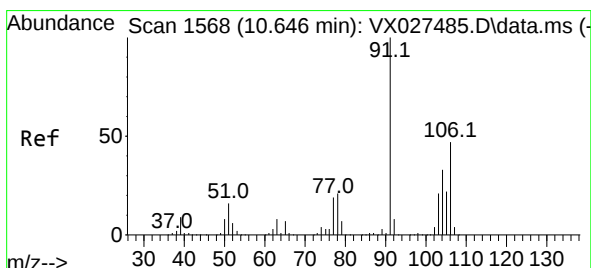
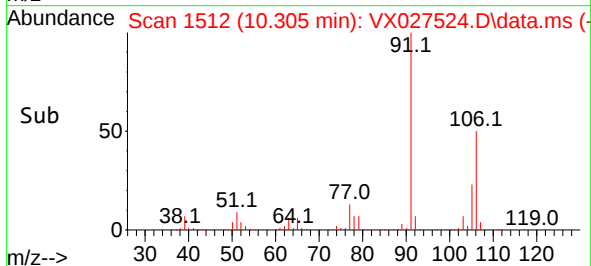
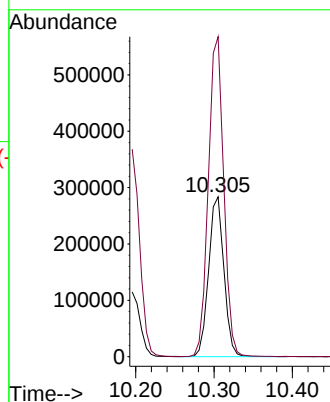
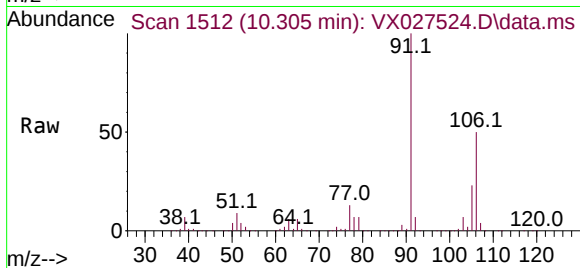
#68
m/p-Xylenes
Concen: 51.956 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027524.D
Acq: 18 Mar 2022 13:44

Instrument :
MSVOA_X
ClientSampleId :
MW-124DL

Tgt Ion:106 Resp: 38242
Ion Ratio Lower Upper
106 100
91 202.0 160.4 240.6

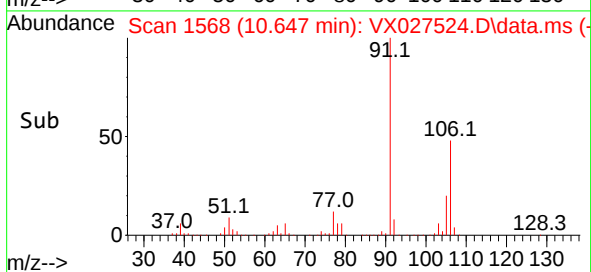
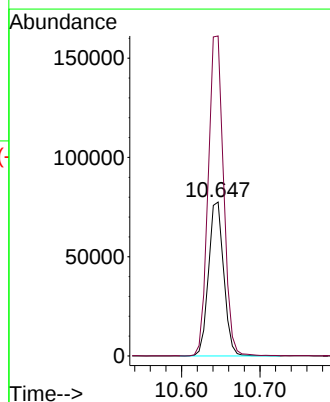
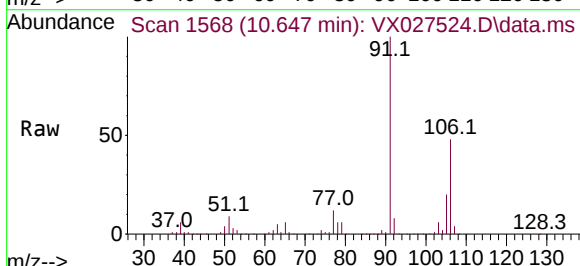
Manual Integrations
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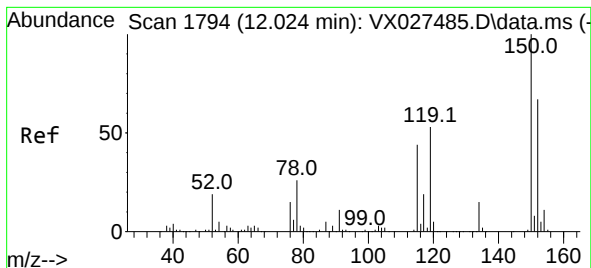
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#69
o-Xylene
Concen: 14.588 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027524.D
Acq: 18 Mar 2022 13:44

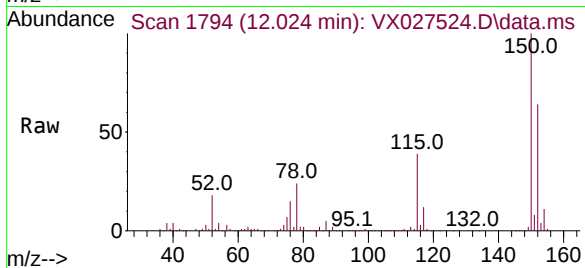
Tgt Ion:106 Resp: 104254
Ion Ratio Lower Upper
106 100
91 211.2 106.1 318.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027524.D
Acq: 18 Mar 2022 13:44

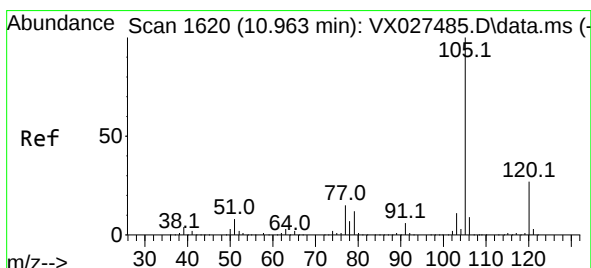
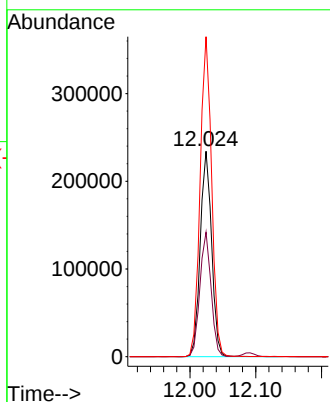
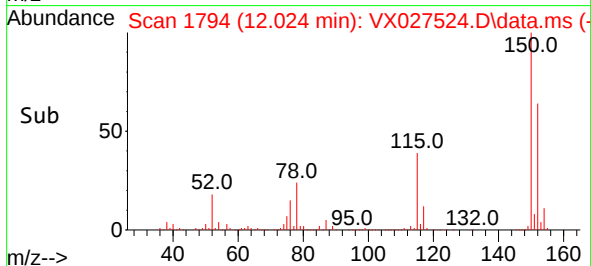
Instrument :
MSVOA_X
ClientSampleId :
MW-124DL



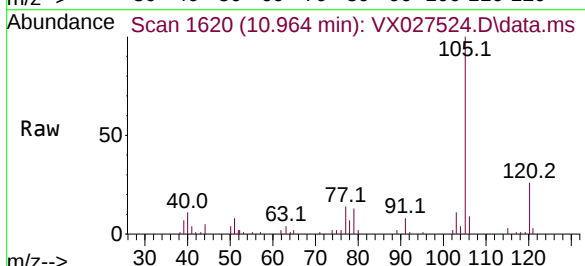
Tgt Ion:152 Resp: 280834
Ion Ratio Lower Upper
152 100
115 59.9 37.5 112.7
150 157.4 0.0 338.2

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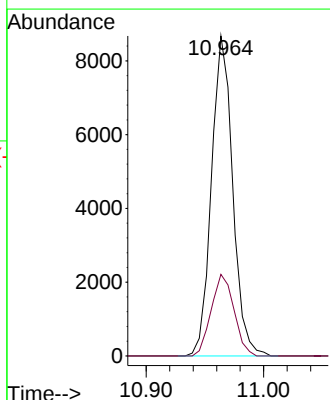
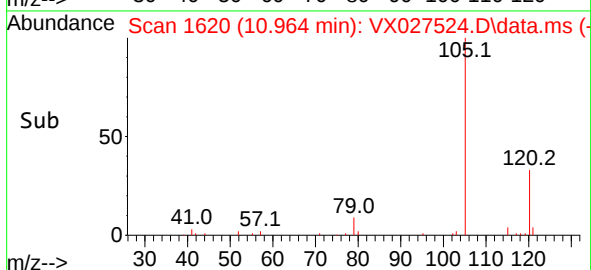
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

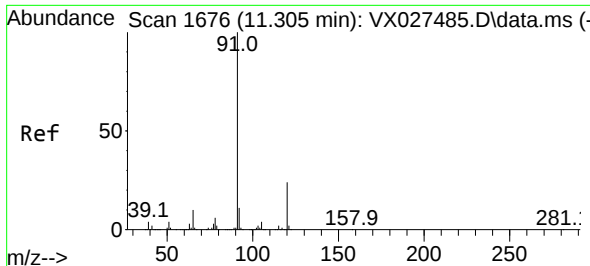


#73
Isopropylbenzene
Concen: 0.533 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027524.D
Acq: 18 Mar 2022 13:44



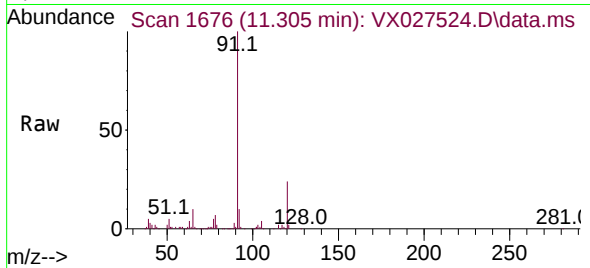
Tgt Ion:105 Resp: 10899
Ion Ratio Lower Upper
105 100
120 27.4 13.5 40.5





#78
n-propylbenzene
Concen: 2.088 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX027524.D
Acq: 18 Mar 2022 13:44

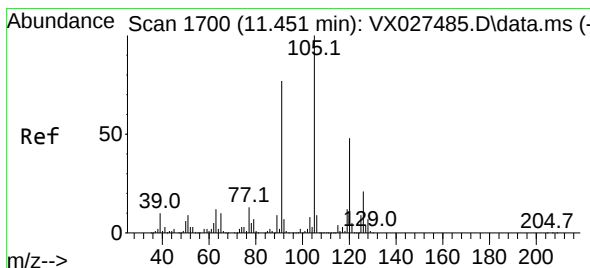
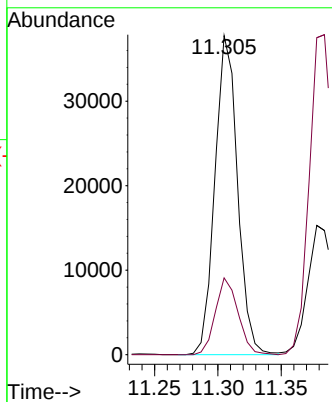
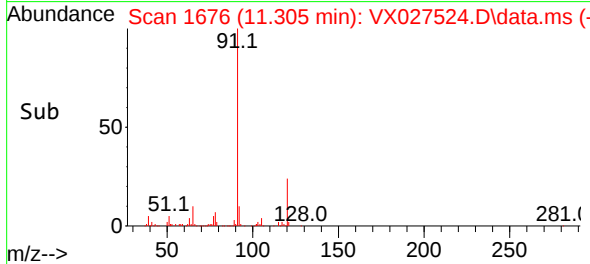
Instrument :
MSVOA_X
ClientSampleId :
MW-124DL



Tgt Ion: 91 Resp: 46890
Ion Ratio Lower Upper
91 100
120 24.1 11.6 34.8

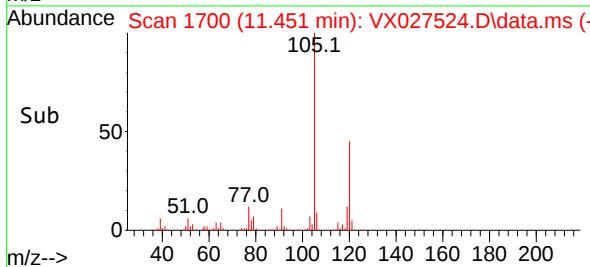
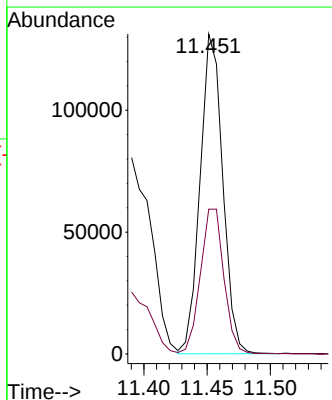
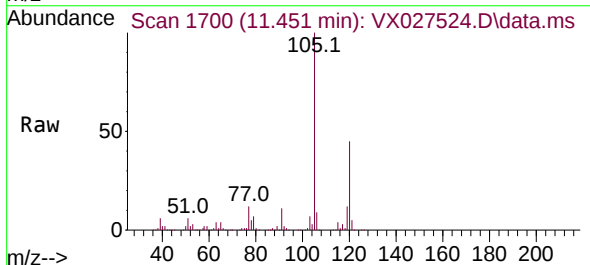
Manual Integrations
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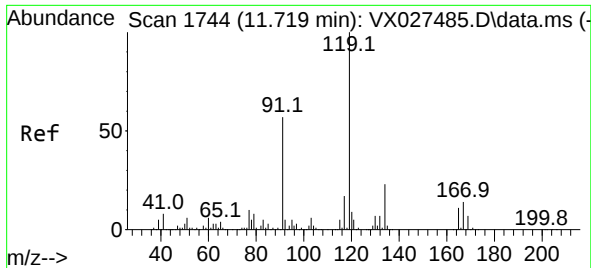
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 9.478 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027524.D
Acq: 18 Mar 2022 13:44

Tgt Ion:105 Resp: 163174
Ion Ratio Lower Upper
105 100
120 47.5 24.3 72.9





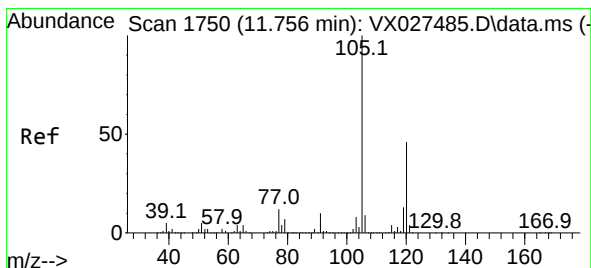
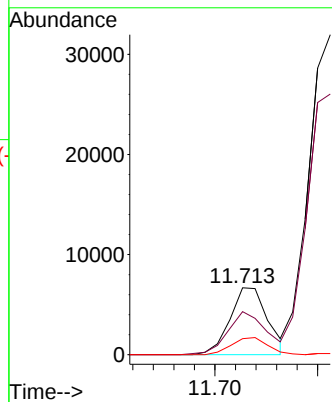
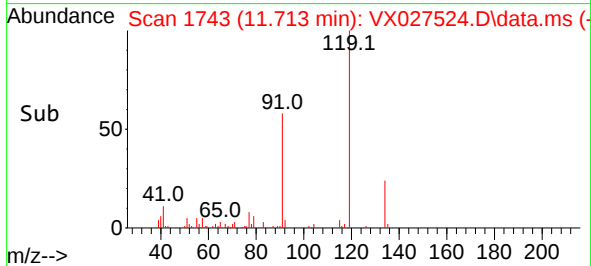
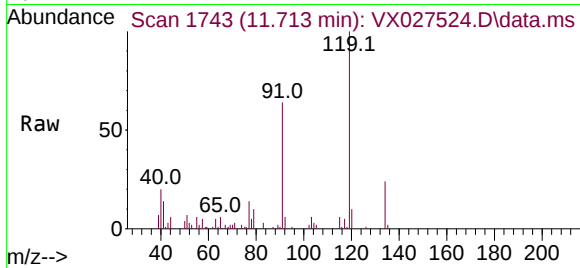
#83
 tert-Butylbenzene
 Concen: 0.496 ug/l
 RT: 11.713 min Scan# 1174
 Delta R.T. -0.006 min
 Lab File: VX027524.D
 Acq: 18 Mar 2022 13:44

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-124DL

Tgt Ion:119 Resp: 8464
 Ion Ratio Lower Upper
 119 100
 91 66.5 26.9 80.6
 134 24.7 11.4 34.2

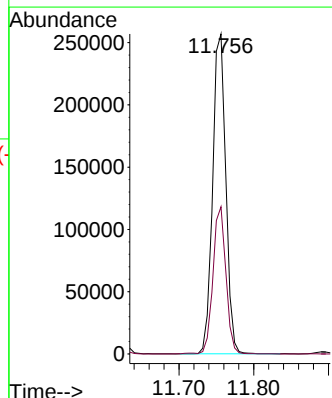
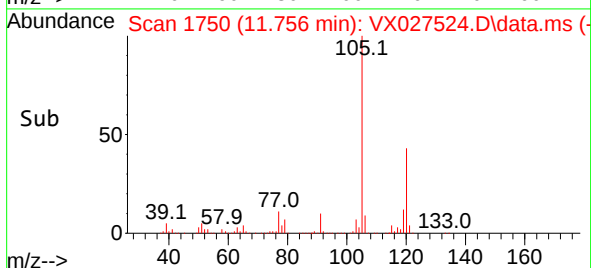
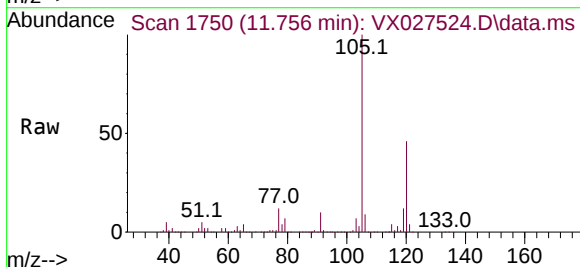
Manual Integrations
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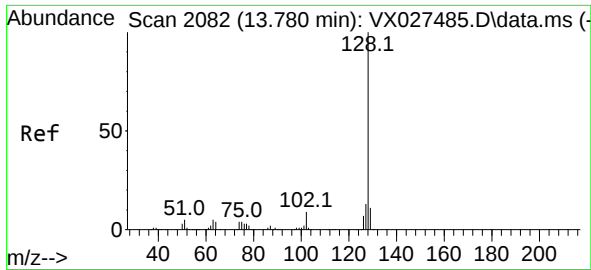
Reviewed By :John Carlone 03/19/2022
 Supervised By :Mahesh Dadoda 03/21/2022



#84
 1,2,4-Trimethylbenzene
 Concen: 18.327 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.000 min
 Lab File: VX027524.D
 Acq: 18 Mar 2022 13:44

Tgt Ion:105 Resp: 314656
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.6 67.8





#95

Naphthalene

Concen: 4.815 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX027524.D

Acq: 18 Mar 2022 13:44

Instrument :

MSVOA_X

ClientSampleId :

MW-124DL

Tgt Ion:128 Resp: 9371

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.4

129 10.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2022

Supervised By :Mahesh Dadoda 03/21/2022

