

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121322\
 Data File : VX033392.D
 Acq On : 13 Dec 2022 15:07
 Operator : JC/MD
 Sample : N6001-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/14/2022
 Supervised By : Mahesh Dadoda 12/14/2022

Quant Time: Dec 14 05:38:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	138458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	222500	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	41495	46.715	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.440%		
35) Dibromofluoromethane	5.385	113	46734	46.698	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.400%		
50) Toluene-d8	8.647	98	100196	47.860	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.720%		
62) 4-Bromofluorobenzene	11.079	95	81994	51.222	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.440%		
Target Compounds					Qvalue	
16) Acetone	2.386	43	1730m	2.632	ug/l	
31) Cyclohexane	5.476	56	34671	16.424	ug/l	89
39) Methylcyclohexane	7.379	83	4862	2.226	ug/l	97
40) Benzene	6.037	78	1208771	212.477	ug/l	99
52) Toluene	8.720	92	393327	106.935	ug/l	100
67) Ethyl Benzene	10.195	91	4378698	609.787	ug/l	94
68) m/p-Xylenes	10.305	106	3649112	1306.154	ug/l	86
69) o-Xylene	10.640	106	698411	252.911	ug/l	95
73) Isopropylbenzene	10.963	105	17894	2.440	ug/l	100
78) n-propylbenzene	11.305	91	10425	1.273	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	10344	1.694	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	50730	8.325	ug/l	99

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

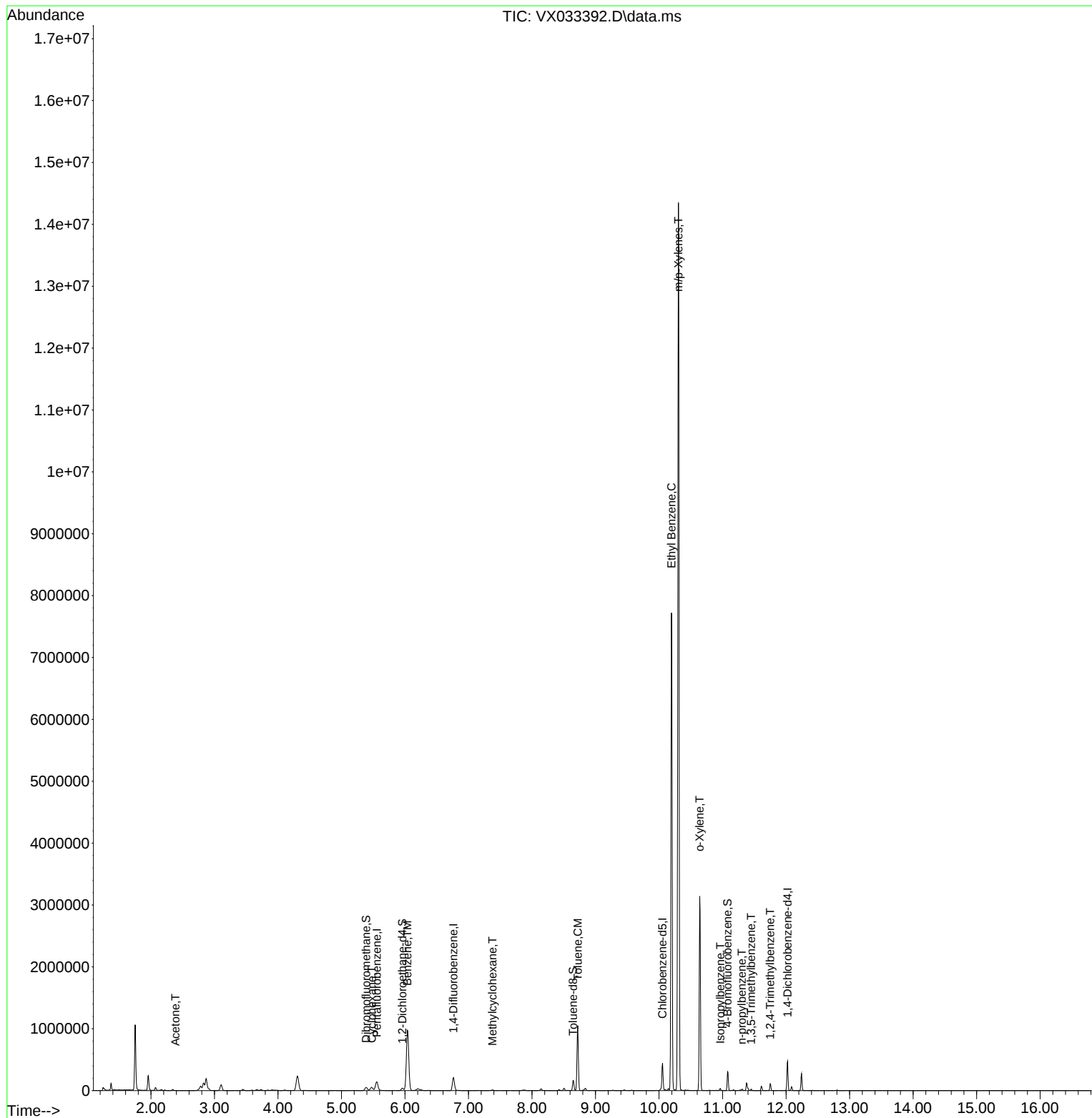
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121322\
Data File : VX033392.D
Acq On : 13 Dec 2022 15:07
Operator : JC/MD
Sample : N6001-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

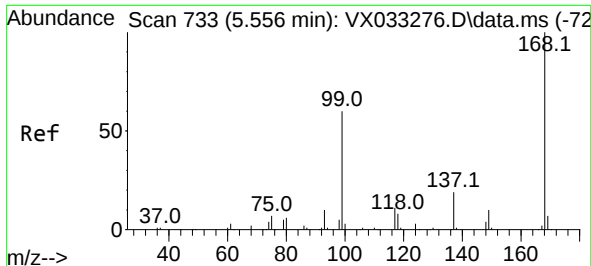
Instrument :
MSVOA_X
ClientSampleId :
MW-7

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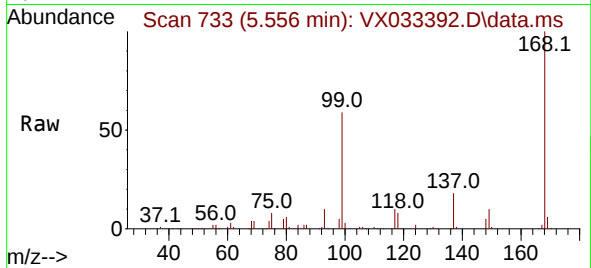
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX033392.D
Acq: 13 Dec 2022 15:07

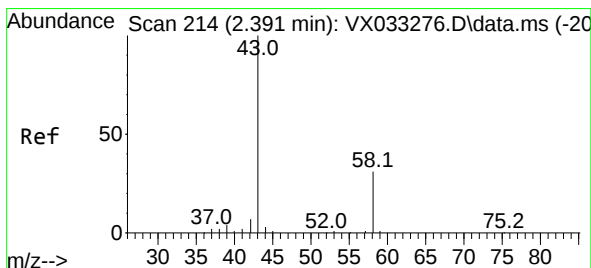
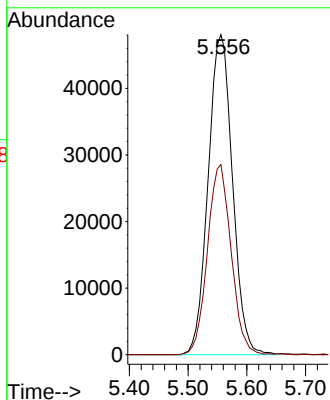
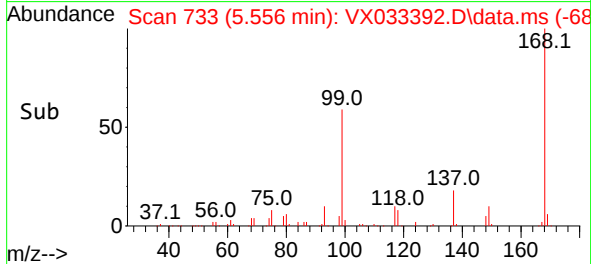
Instrument :
MSVOA_X
ClientSampleId :
MW-7



Tgt Ion:168 Resp: 138458
Ion Ratio Lower Upper
168 100
99 59.4 46.1 69.1

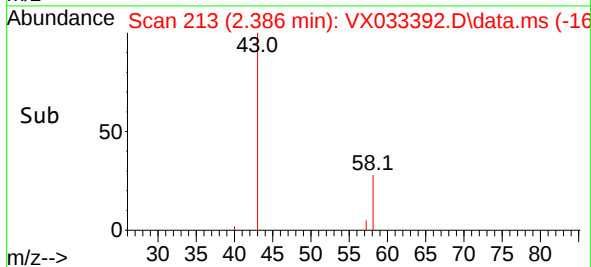
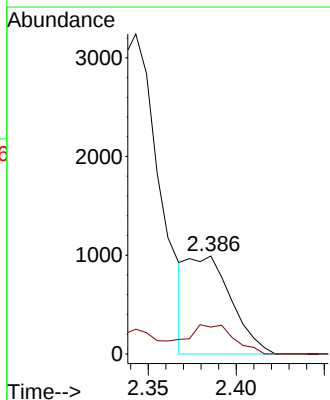
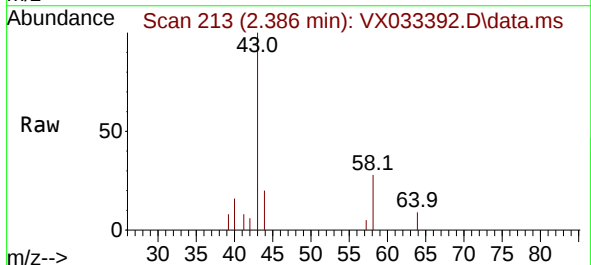
Manual Integrations
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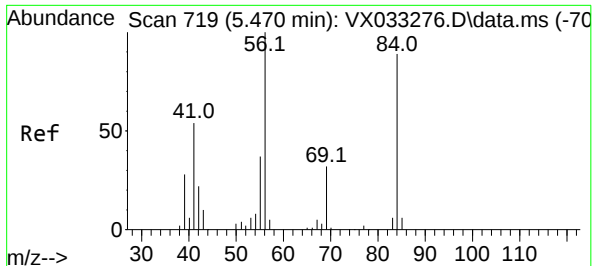
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#16
Acetone
Concen: 2.632 ug/l m
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX033392.D
Acq: 13 Dec 2022 15:07

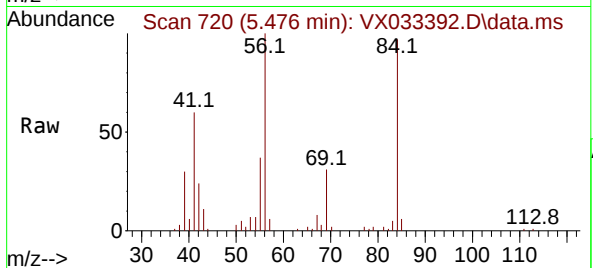
Tgt Ion: 43 Resp: 1730
Ion Ratio Lower Upper
43 100
58 27.5 23.8 35.8





#31
Cyclohexane
Concen: 16.424 ug/l
RT: 5.476 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX033392.D
Acq: 13 Dec 2022 15:07

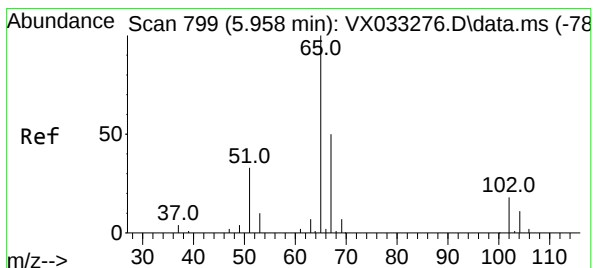
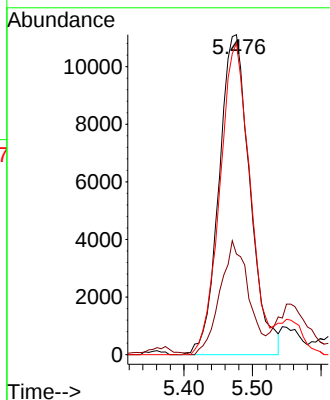
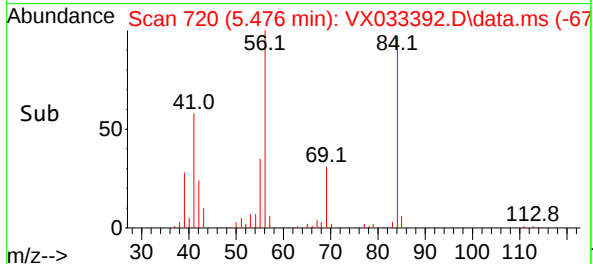
Instrument :
MSVOA_X
ClientSampleId :
MW-7



Tgt Ion: 56 Resp: 3467
Ion Ratio Lower Upper
56 100
69 30.7 24.1 36.1
84 97.3 66.9 100.3

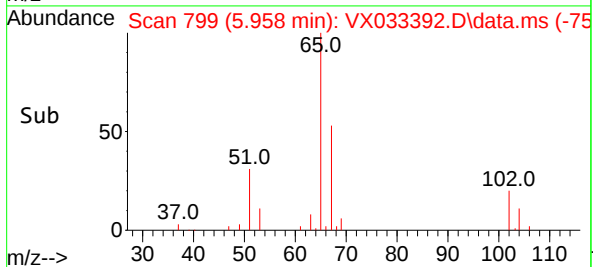
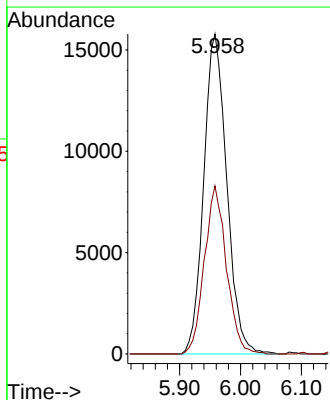
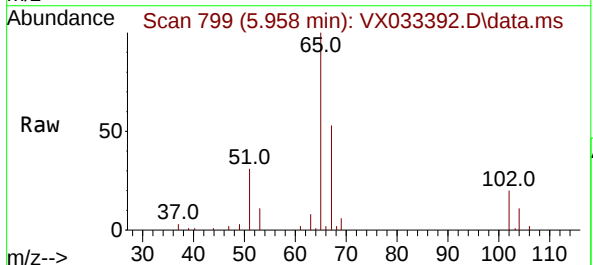
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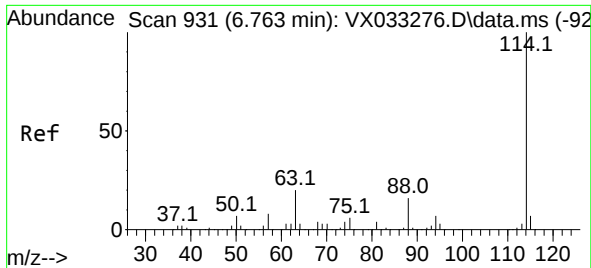
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#33
1,2-Dichloroethane-d4
Concen: 46.715 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033392.D
Acq: 13 Dec 2022 15:07

Tgt Ion: 65 Resp: 41495
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.8





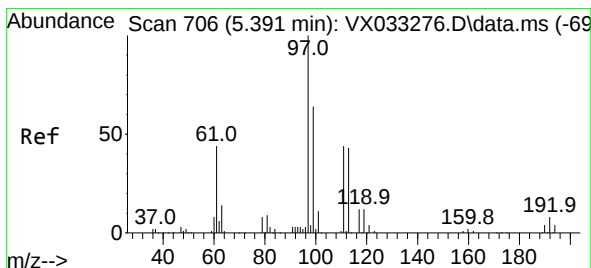
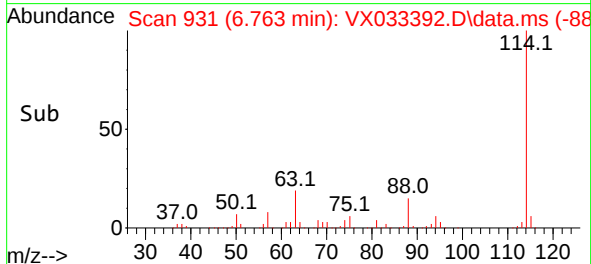
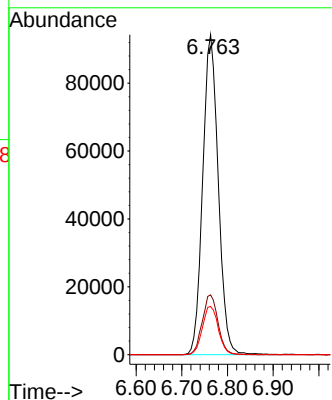
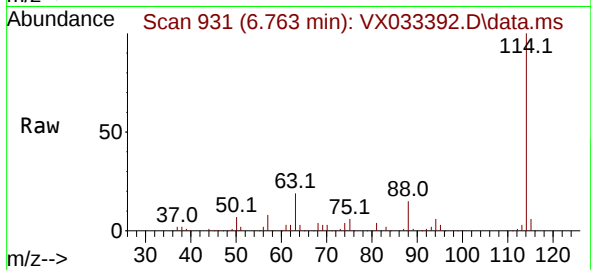
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033392.D
Acq: 13 Dec 2022 15:07

Instrument :
MSVOA_X
ClientSampleId :
MW-7

Tgt Ion:114 Resp: 222500
Ion Ratio Lower Upper
114 100
63 18.7 0.0 41.6
88 15.0 0.0 33.4

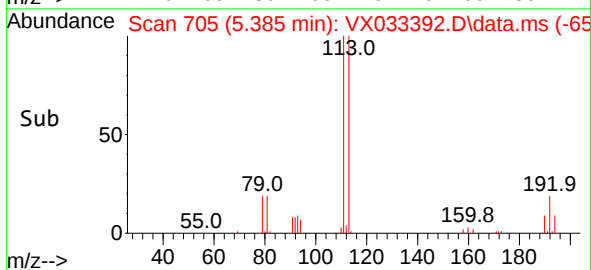
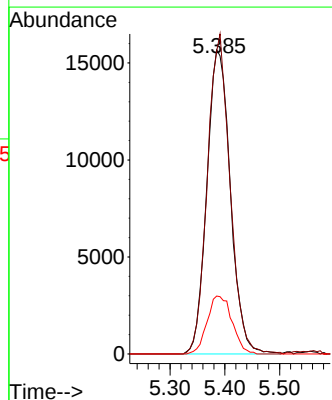
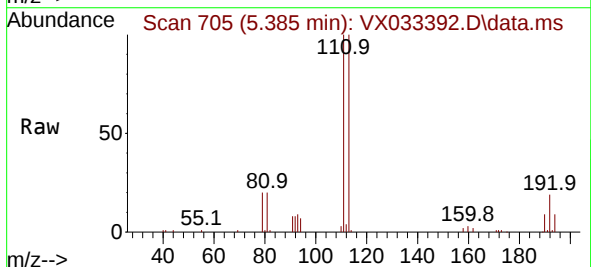
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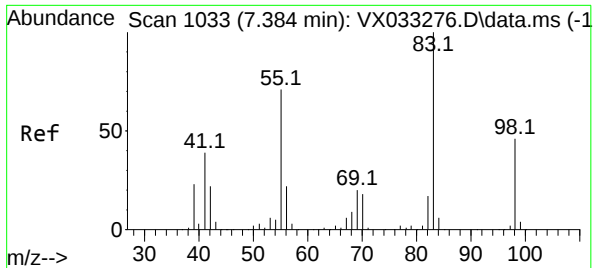
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#35
Dibromofluoromethane
Concen: 46.698 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033392.D
Acq: 13 Dec 2022 15:07

Tgt Ion:113 Resp: 46734
Ion Ratio Lower Upper
113 100
111 101.1 82.4 123.6
192 20.2 15.4 23.2





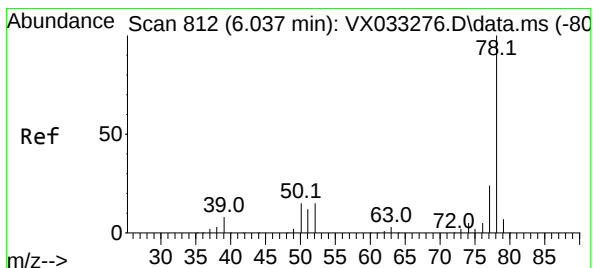
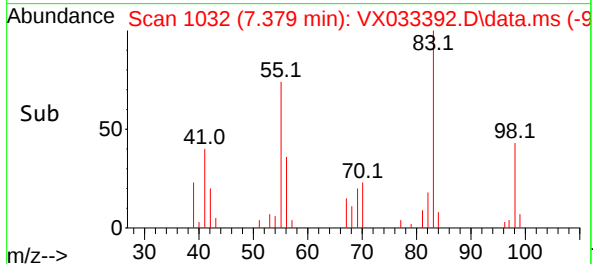
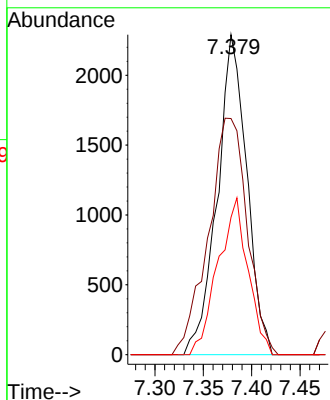
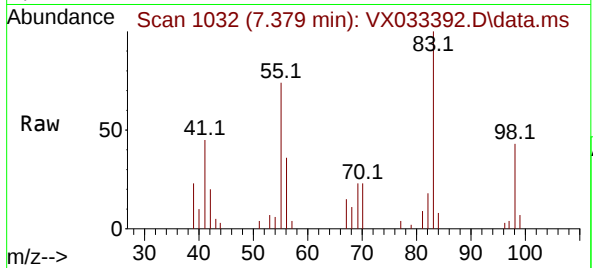
#39
Methylcyclohexane
Concen: 2.226 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX033392.D
Acq: 13 Dec 2022 15:07

Instrument :
MSVOA_X
ClientSampleId :
MW-7

Tgt Ion: 83 Resp: 486
Ion Ratio Lower Upper
83 100
55 73.8 58.4 87.6
98 42.9 37.2 55.8

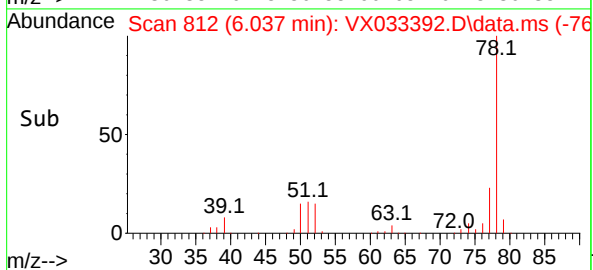
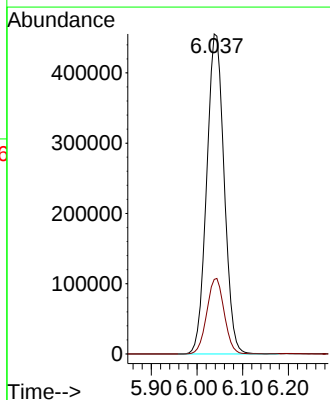
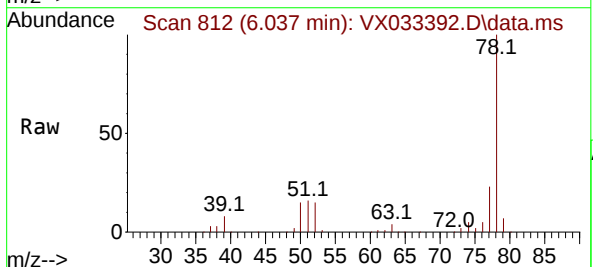
Manual Integrations
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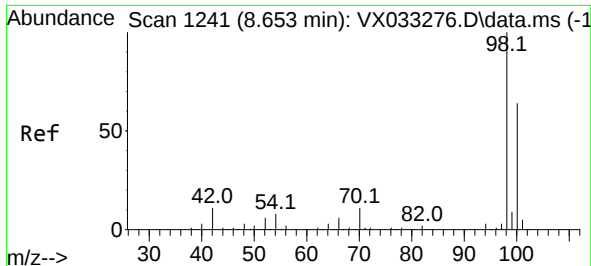
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#40
Benzene
Concen: 212.477 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033392.D
Acq: 13 Dec 2022 15:07

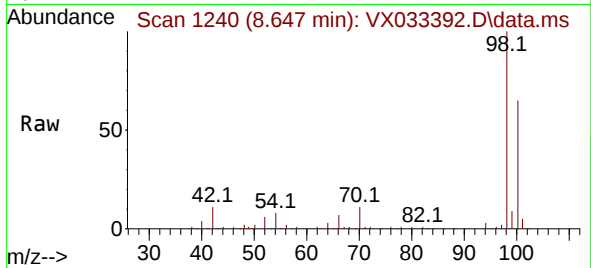
Tgt Ion: 78 Resp: 1208771
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4





#50
Toluene-d8
Concen: 47.860 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033392.D
Acq: 13 Dec 2022 15:07

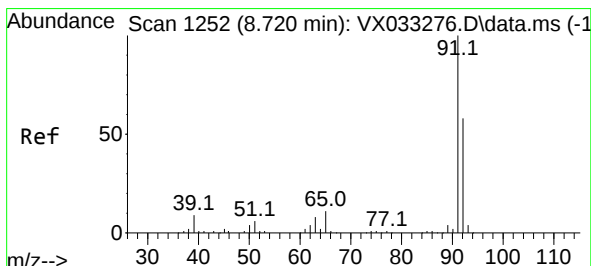
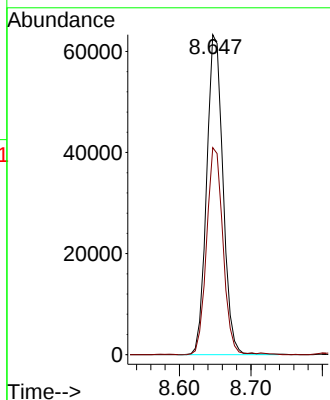
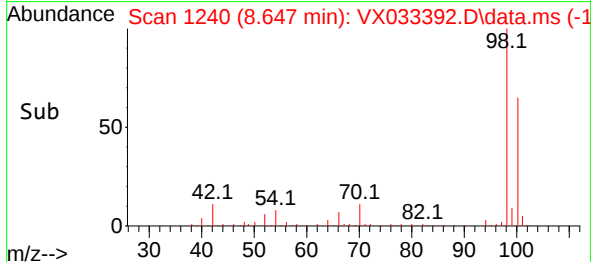
Instrument :
MSVOA_X
ClientSampleId :
MW-7



Tgt Ion: 98 Resp: 100190
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3

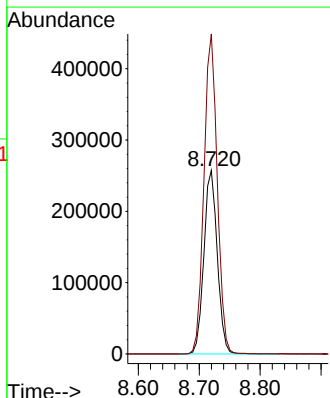
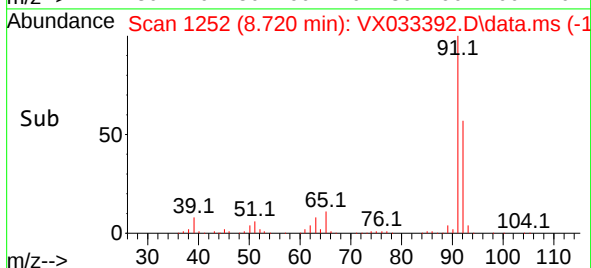
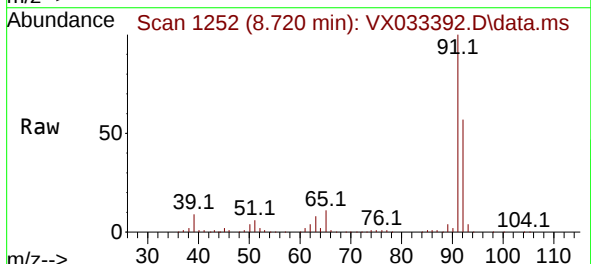
Manual Integrations
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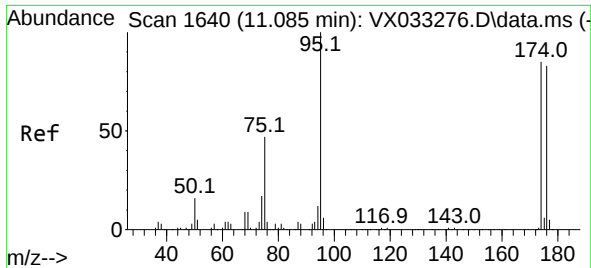
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#52
Toluene
Concen: 106.935 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033392.D
Acq: 13 Dec 2022 15:07

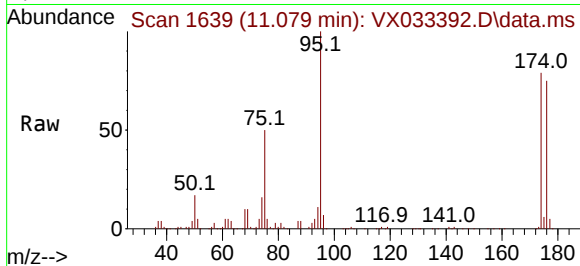
Tgt Ion: 92 Resp: 393327
Ion Ratio Lower Upper
92 100
91 173.1 138.3 207.5





#62
4-Bromofluorobenzene
Concen: 51.222 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033392.D
Acq: 13 Dec 2022 15:07

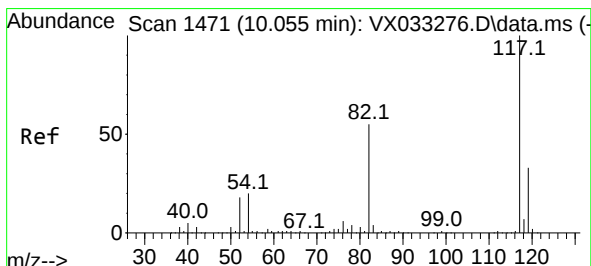
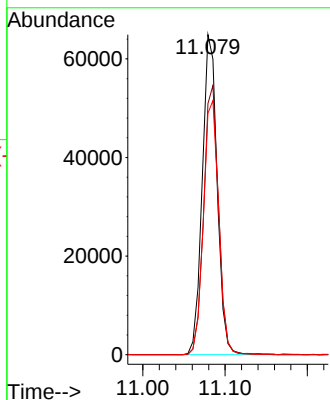
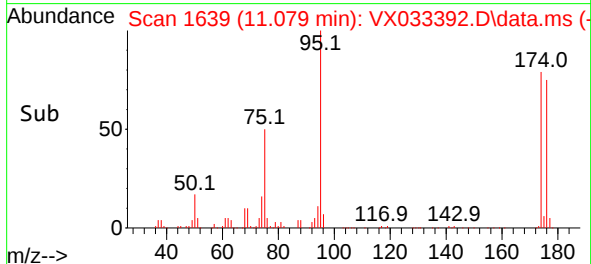
Instrument :
MSVOA_X
ClientSampleId :
MW-7



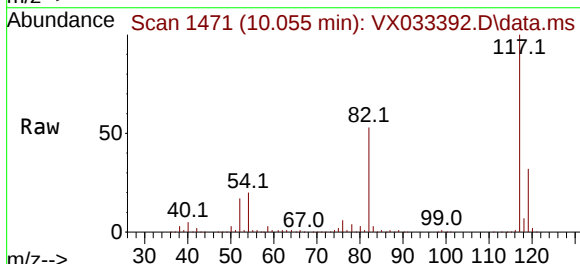
Tgt Ion: 95 Resp: 81994
Ion Ratio Lower Upper
95 100
174 84.0 0.0 164.0
176 81.3 0.0 154.4

Manual Integrations
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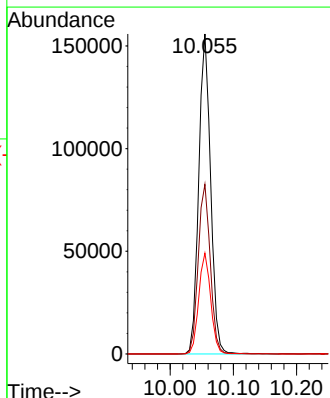
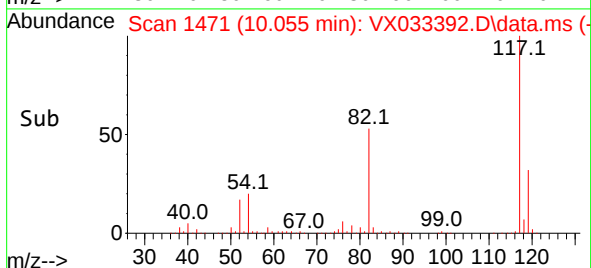
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

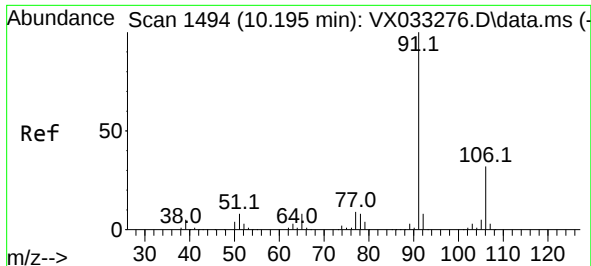


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033392.D
Acq: 13 Dec 2022 15:07



Tgt Ion:117 Resp: 203542
Ion Ratio Lower Upper
117 100
82 53.0 44.3 66.5
119 31.5 25.7 38.5





#67

Ethyl Benzene

Concen: 609.787 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX033392.D

Acq: 13 Dec 2022 15:07

Instrument :

MSVOA_X

ClientSampleId :

MW-7

Tgt Ion: 91 Resp: 4378698

Ion Ratio Lower Upper

91 100

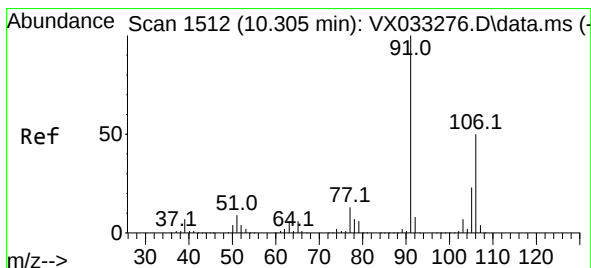
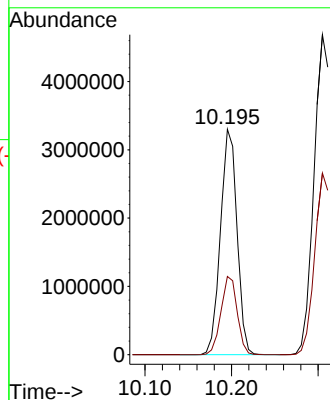
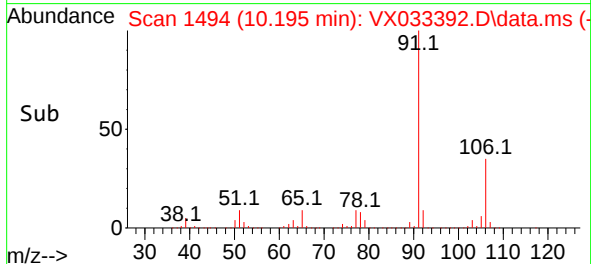
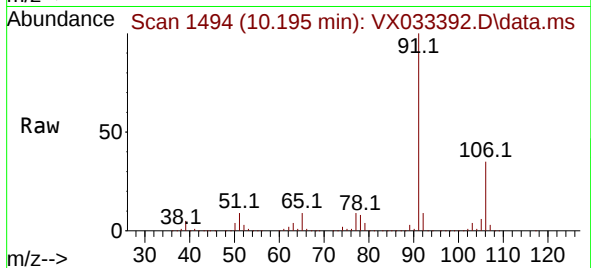
106 34.7 25.0 37.6

Manual Integrations

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Supervised By :Mahesh Dadoda 12/14/2022



#68

m/p-Xylenes

Concen: 1306.154 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX033392.D

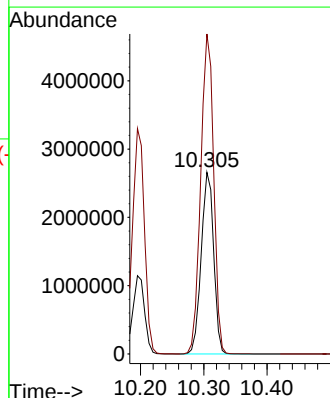
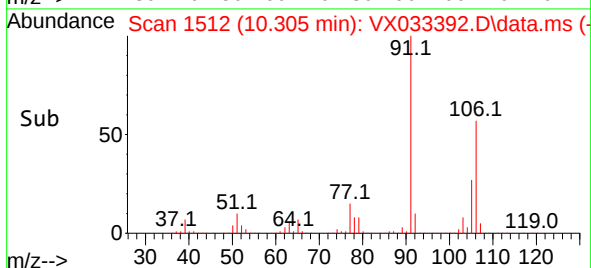
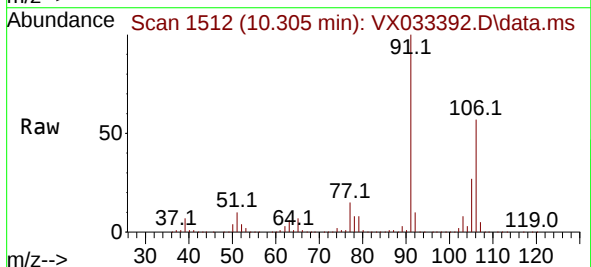
Acq: 13 Dec 2022 15:07

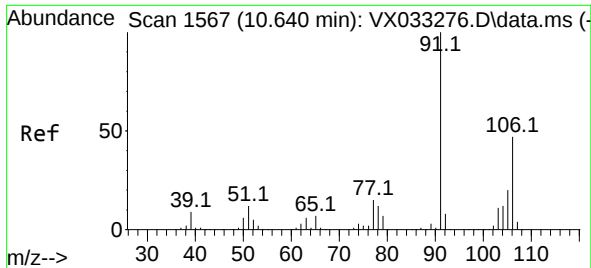
Tgt Ion:106 Resp: 3649112

Ion Ratio Lower Upper

106 100

91 183.3 164.5 246.7





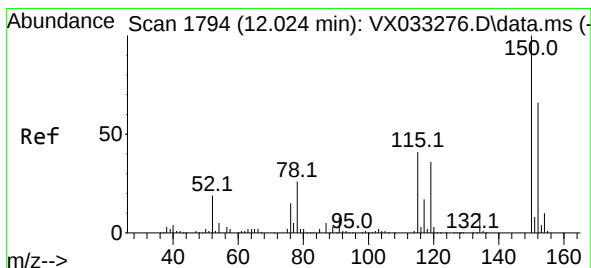
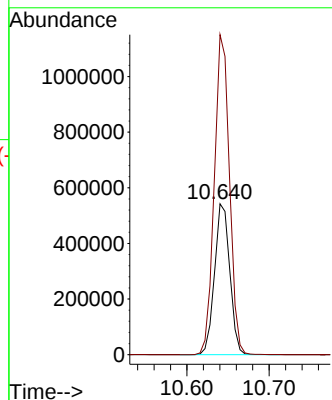
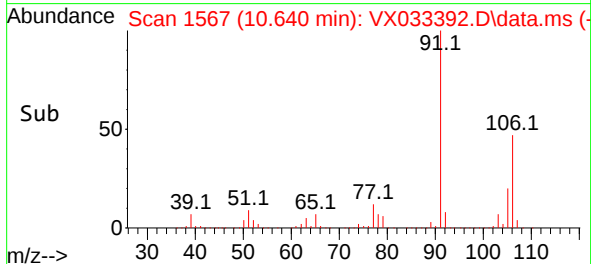
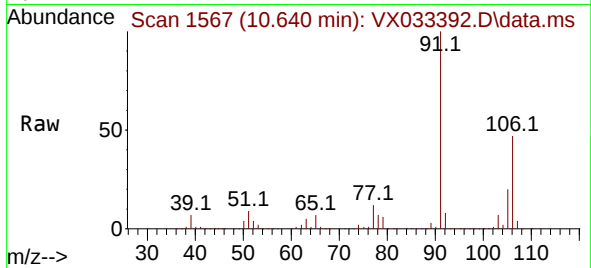
#69
o-Xylene
Concen: 252.911 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033392.D
Acq: 13 Dec 2022 15:07

Instrument :
MSVOA_X
ClientSampleId :
MW-7

Tgt Ion:106 Resp: 69841
Ion Ratio Lower Upper
106 100
91 211.0 109.2 327.6

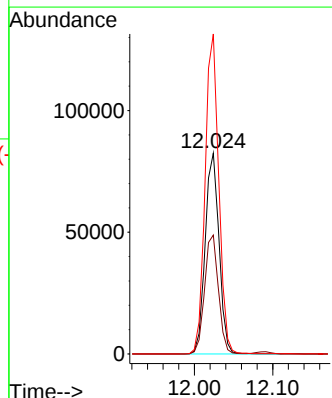
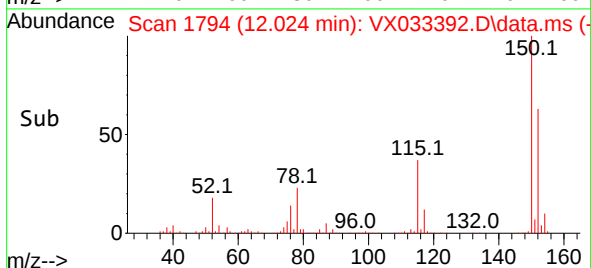
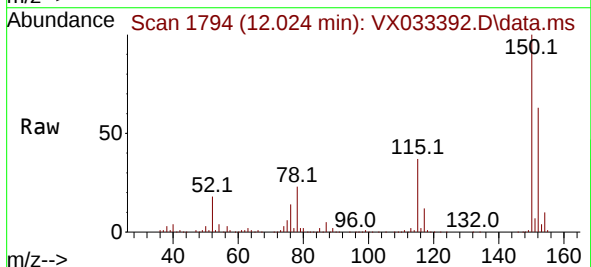
Manual Integrations
APPROVED

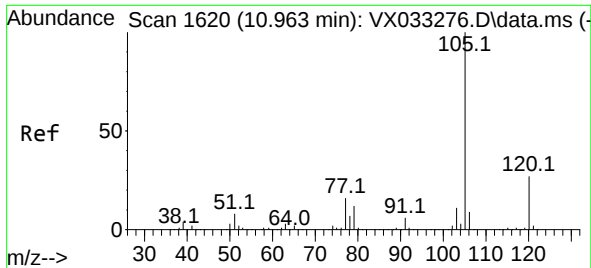
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033392.D
Acq: 13 Dec 2022 15:07

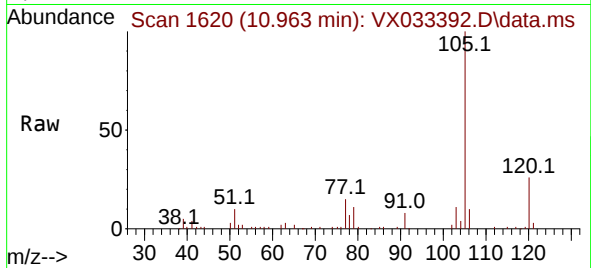
Tgt Ion:152 Resp: 101185
Ion Ratio Lower Upper
152 100
115 59.2 44.0 132.0
150 156.7 0.0 351.8





#73
Isopropylbenzene
Concen: 2.440 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033392.D
Acq: 13 Dec 2022 15:07

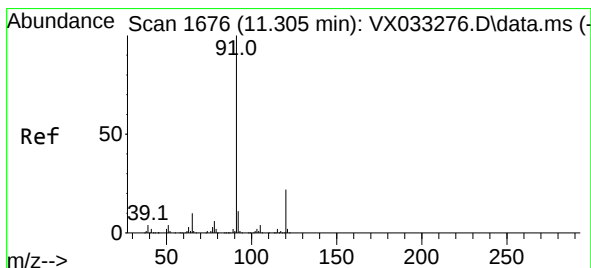
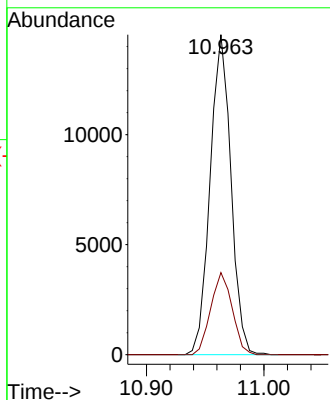
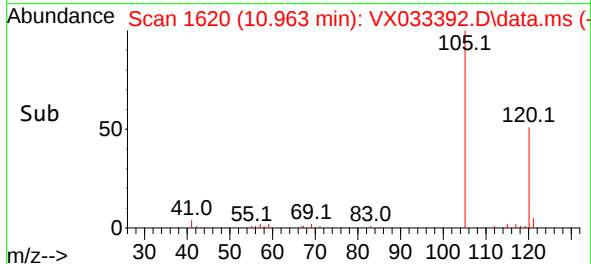
Instrument :
MSVOA_X
ClientSampleId :
MW-7



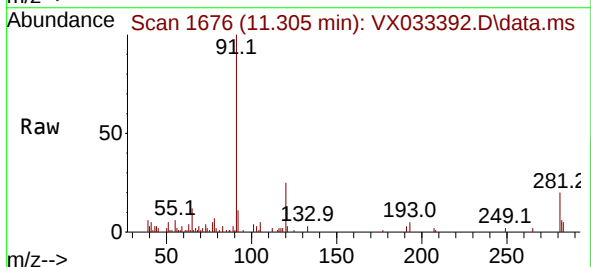
Tgt Ion:105 Resp: 17894
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3

Manual Integrations
APPROVED

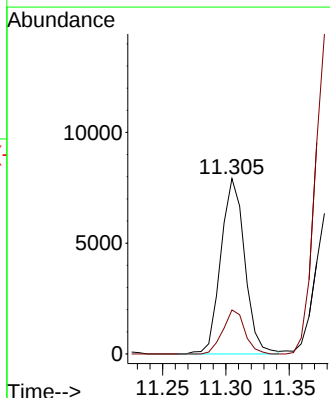
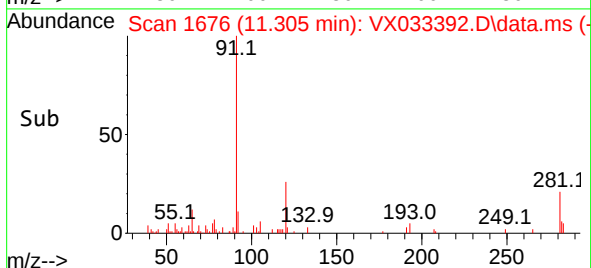
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

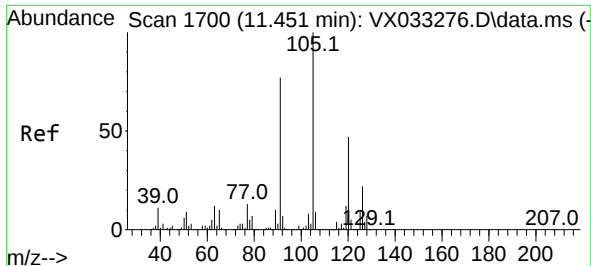


#78
n-propylbenzene
Concen: 1.273 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033392.D
Acq: 13 Dec 2022 15:07



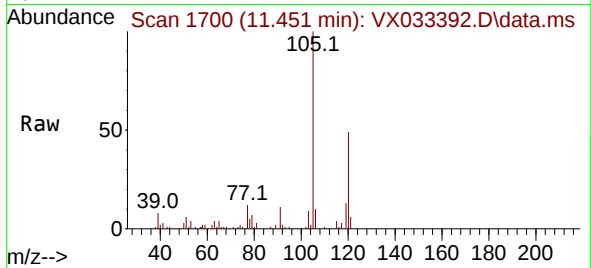
Tgt Ion: 91 Resp: 10425
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.8





#80
1,3,5-Trimethylbenzene
Concen: 1.694 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033392.D
Acq: 13 Dec 2022 15:07

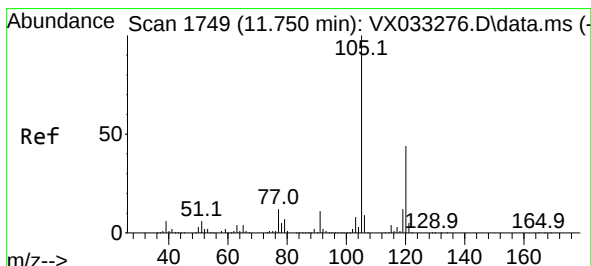
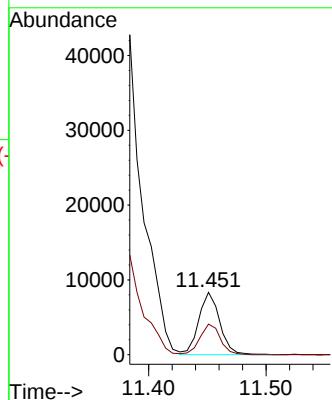
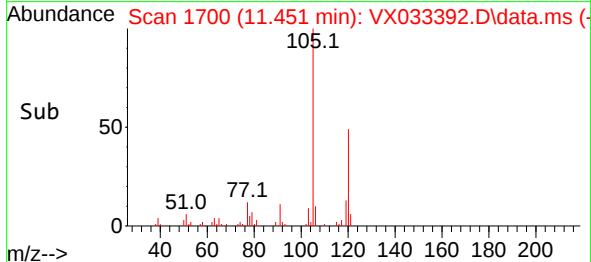
Instrument :
MSVOA_X
ClientSampleId :
MW-7



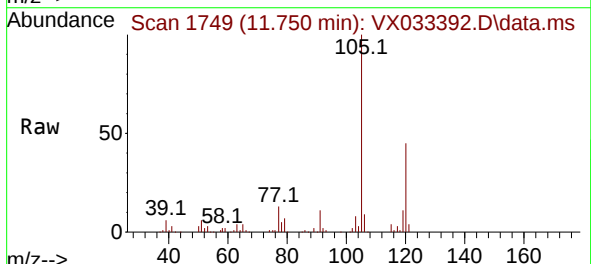
Tgt Ion:105 Resp: 10344
Ion Ratio Lower Upper
105 100
120 47.5 23.6 71.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#84
1,2,4-Trimethylbenzene
Concen: 8.325 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033392.D
Acq: 13 Dec 2022 15:07



Tgt Ion:105 Resp: 50730
Ion Ratio Lower Upper
105 100
120 44.1 21.9 65.5

