

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121322\
 Data File : VX033390.D
 Acq On : 13 Dec 2022 14:21
 Operator : JC/MD
 Sample : N6001-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6R

Quant Time: Dec 14 05:37:32 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	138312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	217435	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	42167	47.522	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.040%		
35) Dibromofluoromethane	5.385	113	47781	48.857	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.720%		
50) Toluene-d8	8.653	98	104607	51.131	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.260%		
62) 4-Bromofluorobenzene	11.079	95	84450	53.985	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.980%		
Target Compounds					Qvalue	
16) Acetone	2.380	43	6589	10.035	ug/l	92
25) 2-Butanone	4.568	43	5372	5.700	ug/l #	88
31) Cyclohexane	5.477	56	103047	48.866	ug/l	90
39) Methylcyclohexane	7.379	83	57161	26.783	ug/l	97
40) Benzene	6.043	78	63257	11.378	ug/l	99
52) Toluene	8.720	92	2685869	747.224	ug/l	95
67) Ethyl Benzene	10.201	91	11148736	1578.334	ug/l #	75
68) m/p-Xylenes	10.317	106	9677729	3521.444	ug/l #	71
69) o-Xylene	10.646	106	3403148	1252.788	ug/l	84
73) Isopropylbenzene	10.963	105	272775	36.373	ug/l	100
78) n-propylbenzene	11.305	91	617115	73.696	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	714843	114.511	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	2238097	359.165	ug/l	96
85) sec-Butylbenzene	11.890	105	26123m	3.597	ug/l	
86) p-Isopropyltoluene	12.012	119	11949m	1.908	ug/l	
89) n-Butylbenzene	12.317	91	49820	9.714	ug/l #	12
95) Naphthalene	13.774	128	42822	6.198	ug/l	99

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

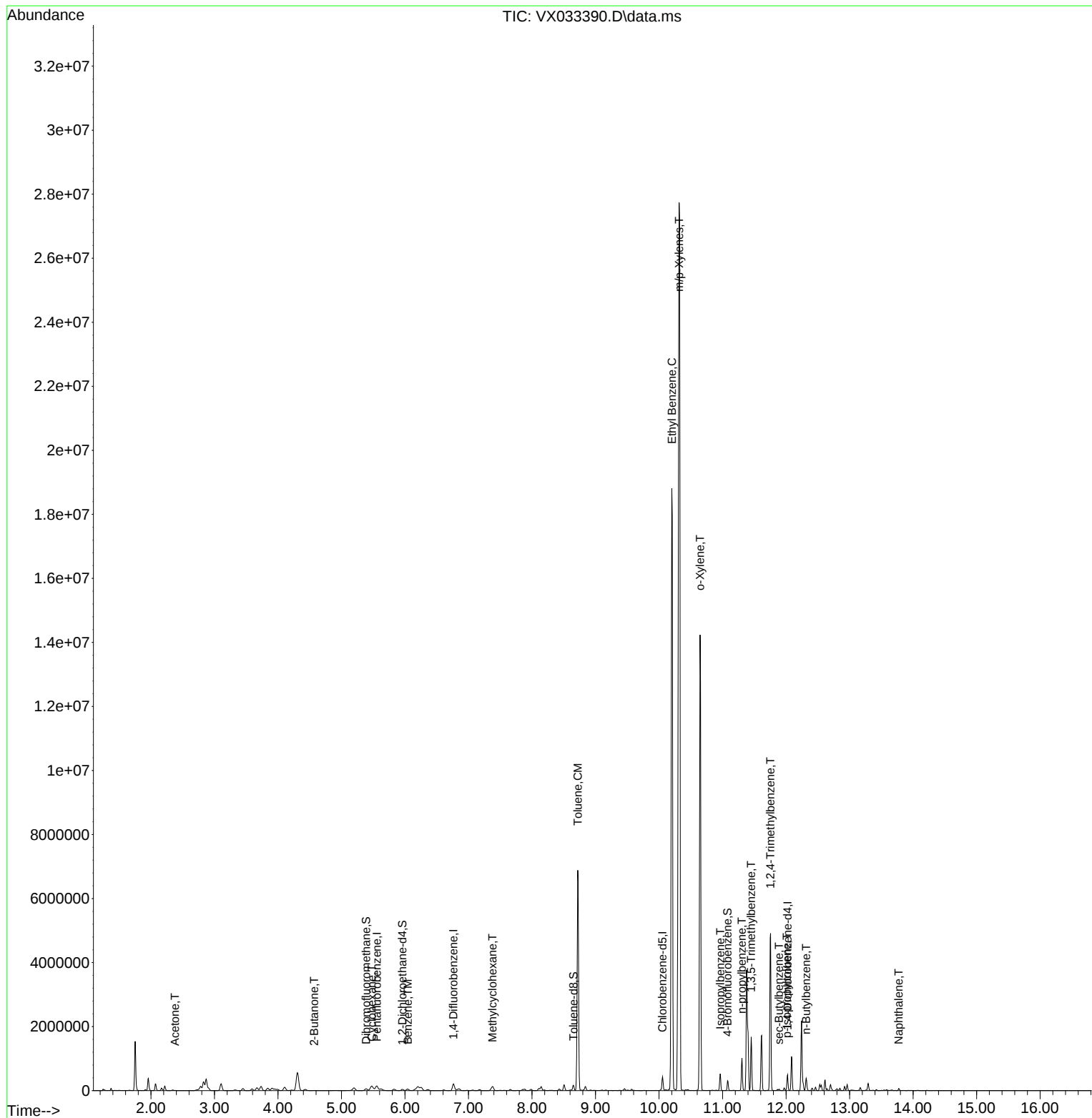
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121322\
Data File : VX033390.D
Acq On : 13 Dec 2022 14:21
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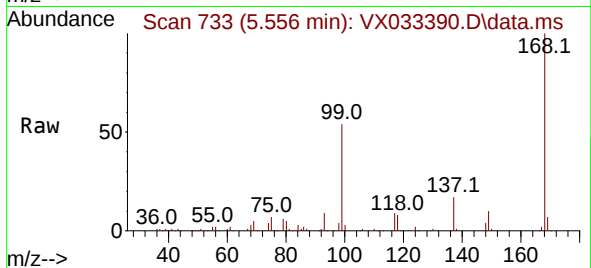
Quant Time: Dec 14 05:37:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033390.D
Acq: 13 Dec 2022 14:21

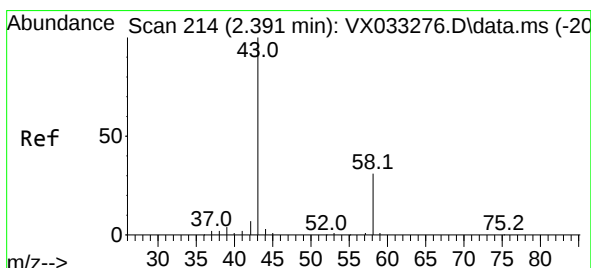
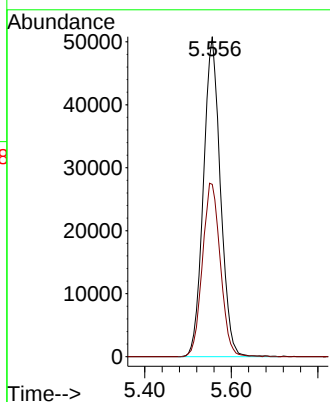
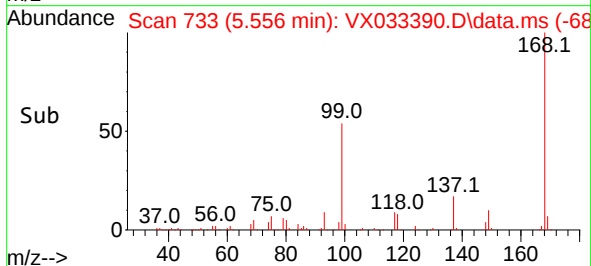
Instrument :
MSVOA_X
ClientSampleId :
MW-6R



Tgt Ion:168 Resp: 13831
Ion Ratio Lower Upper
168 100
99 53.9 46.1 69.1

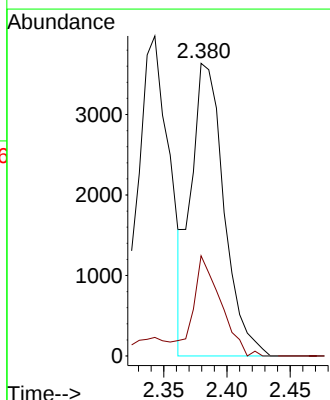
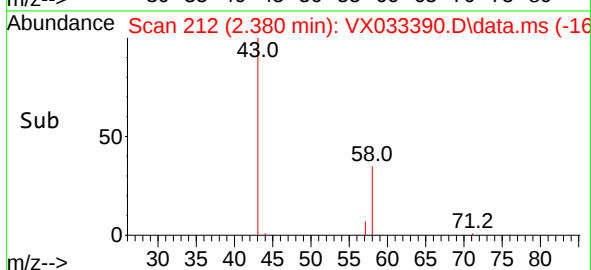
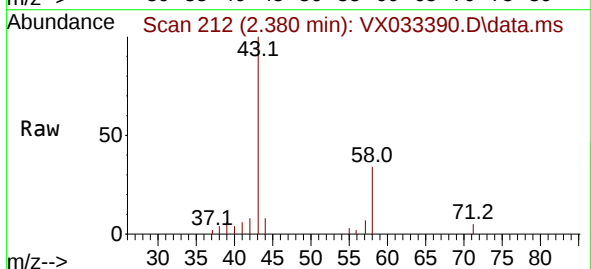
Manual Integrations
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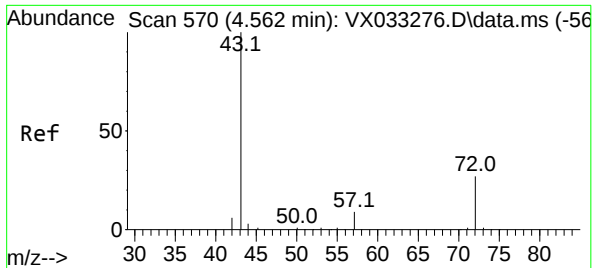
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#16
Acetone
Concen: 10.035 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX033390.D
Acq: 13 Dec 2022 14:21

Tgt Ion: 43 Resp: 6589
Ion Ratio Lower Upper
43 100
58 34.2 23.8 35.8





#25

2-Butanone

Concen: 5.700 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX033390.D

Acq: 13 Dec 2022 14:21

Instrument :

MSVOA_X

ClientSampleId :

MW-6R

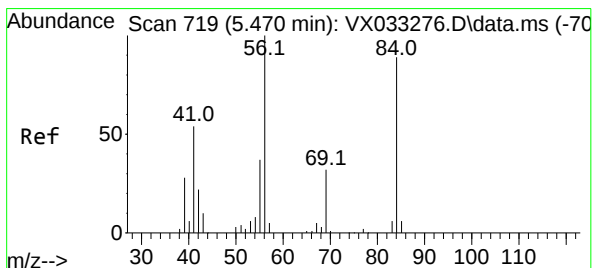
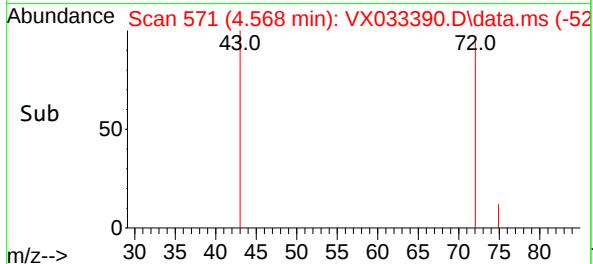
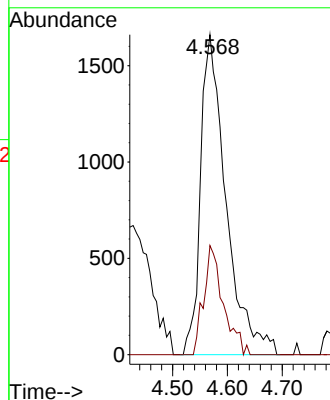
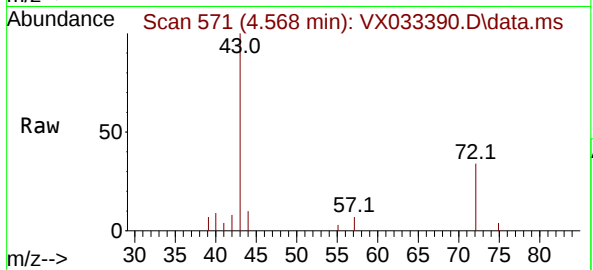
Tgt Ion: 43 Resp: 5372
 Ion Ratio Lower Upper
 43 100
 72 34.1 22.2 33.2

Manual Integrations

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#31

Cyclohexane

Concen: 48.866 ug/l

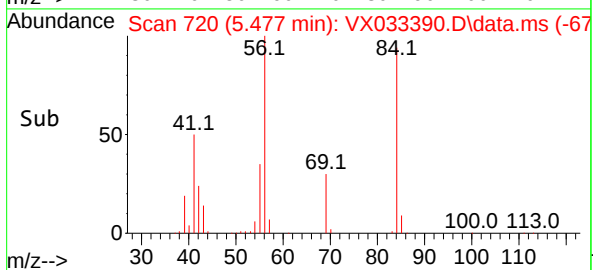
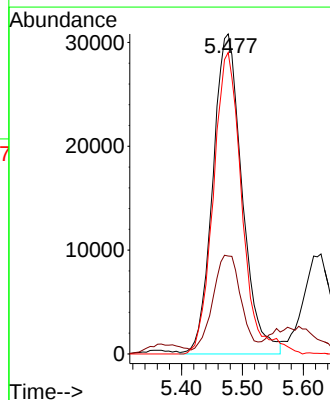
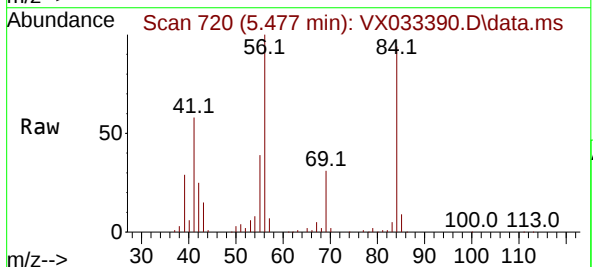
RT: 5.477 min Scan# 720

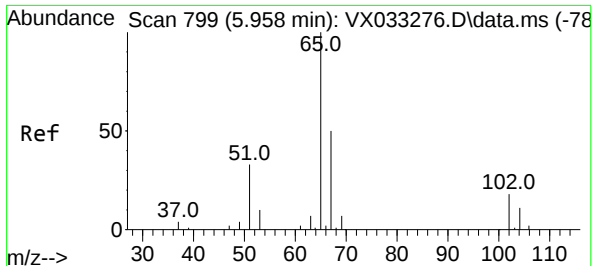
Delta R.T. 0.006 min

Lab File: VX033390.D

Acq: 13 Dec 2022 14:21

Tgt Ion: 56 Resp: 103047
 Ion Ratio Lower Upper
 56 100
 69 28.5 24.1 36.1
 84 94.6 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 47.522 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033390.D

Acq: 13 Dec 2022 14:21

Instrument :

MSVOA_X

Client Sample Id :

MW-6R

Tgt Ion: 65 Resp: 4216

Ion Ratio Lower Upper

65 100

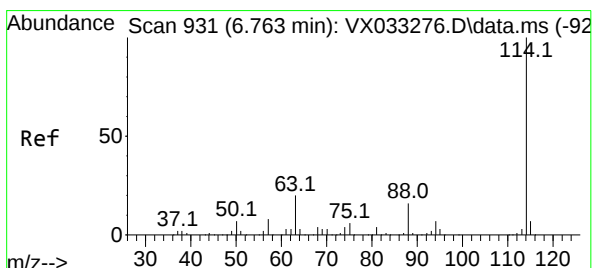
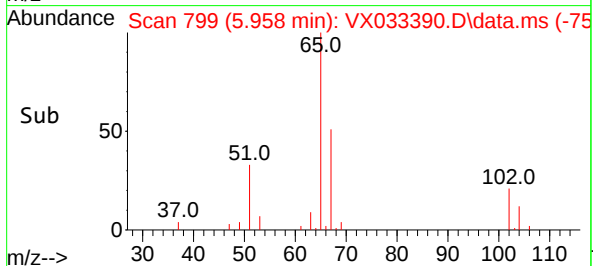
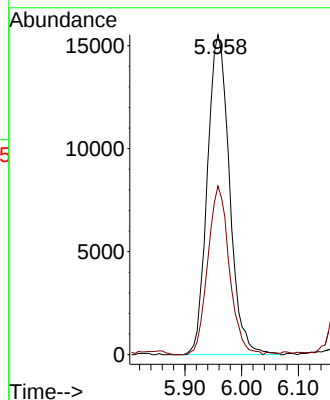
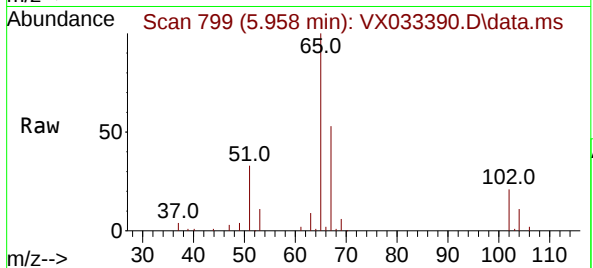
67 51.2 0.0 101.8

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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: VX033390.D

Acq: 13 Dec 2022 14:21

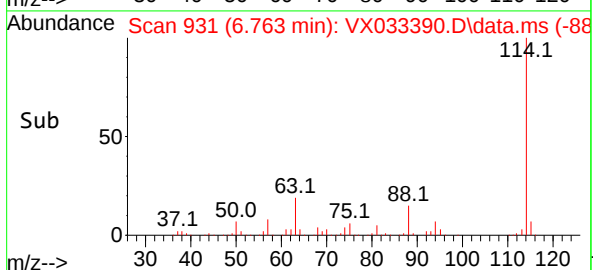
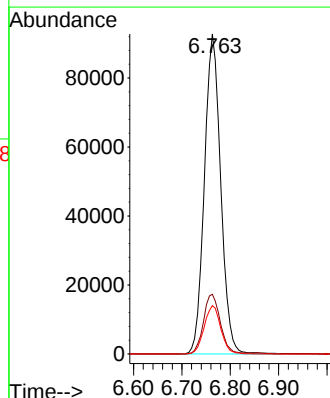
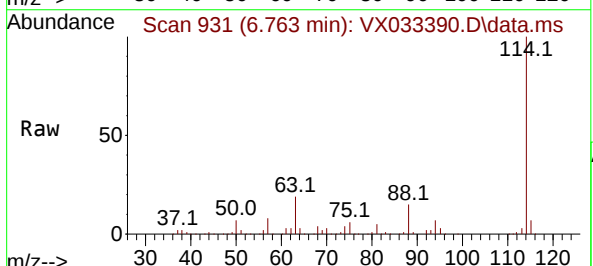
Tgt Ion:114 Resp: 217435

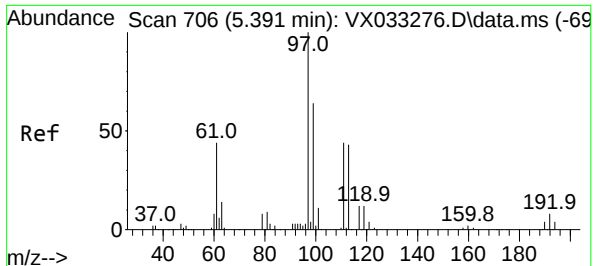
Ion Ratio Lower Upper

114 100

63 18.6 0.0 41.6

88 15.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.857 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX033390.D

Acq: 13 Dec 2022 14:21

Instrument :

MSVOA_X

ClientSampleId :

MW-6R

Tgt Ion:113 Resp: 4778

Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

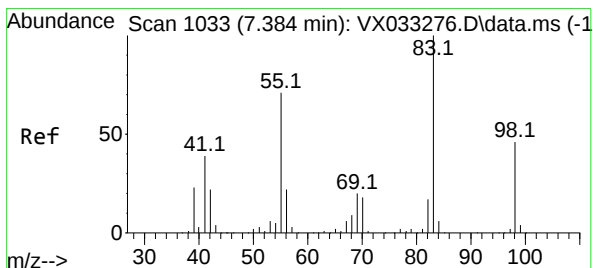
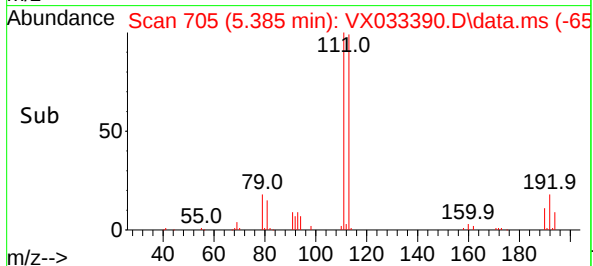
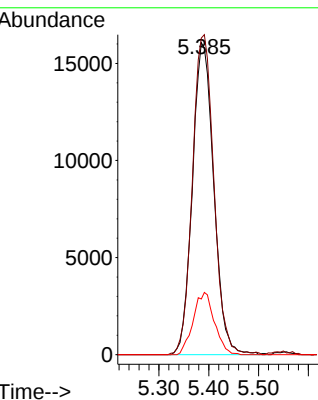
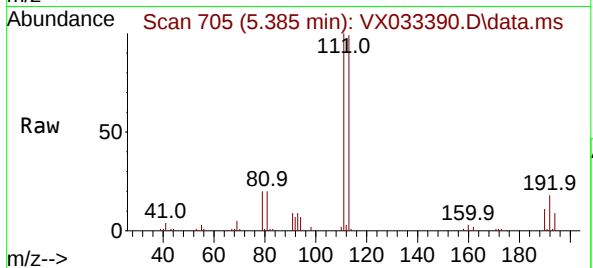
192 19.8 15.4 23.2

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Supervised By :Mahesh Dadoda 12/14/2022



#39

Methylcyclohexane

Concen: 26.783 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX033390.D

Acq: 13 Dec 2022 14:21

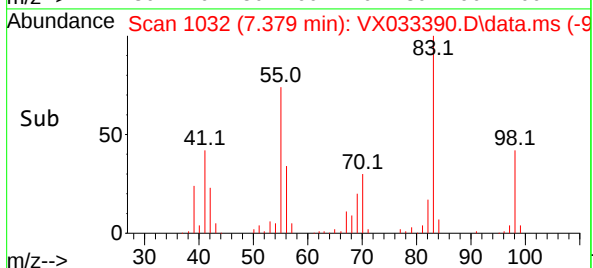
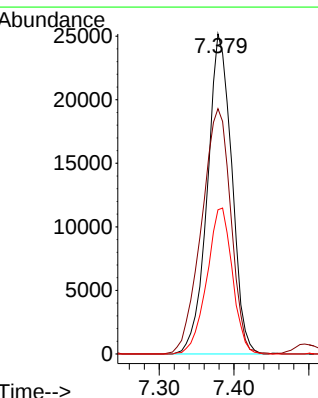
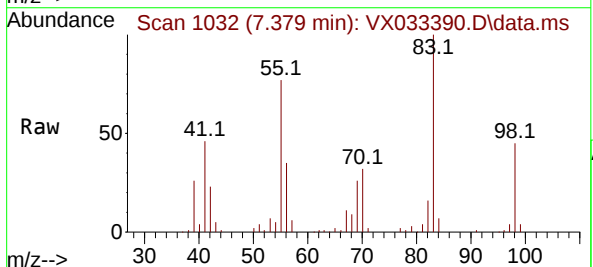
Tgt Ion: 83 Resp: 57161

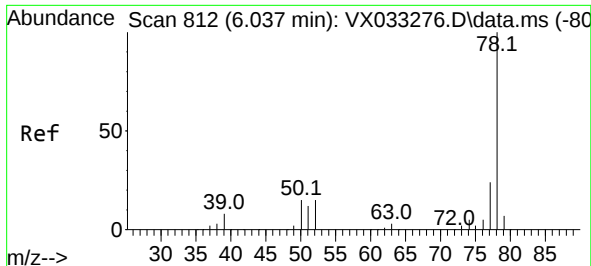
Ion Ratio Lower Upper

83 100

55 76.4 58.4 87.6

98 45.1 37.2 55.8





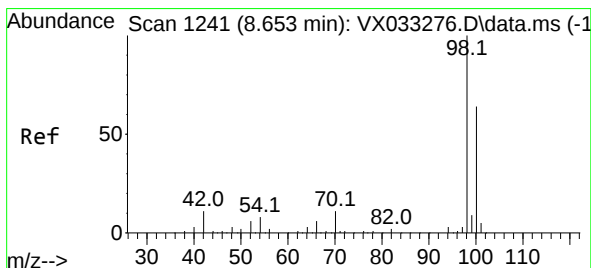
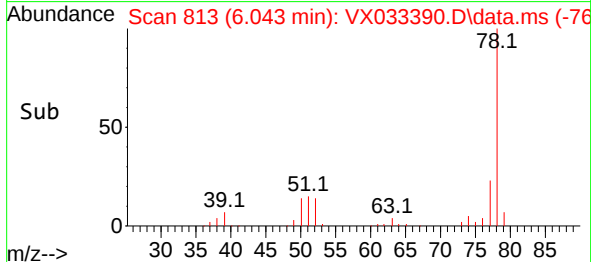
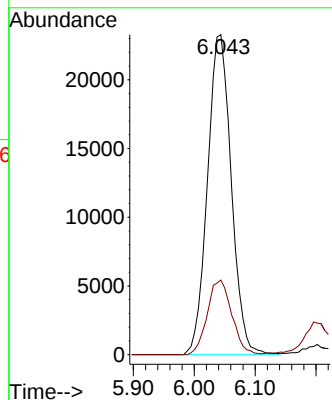
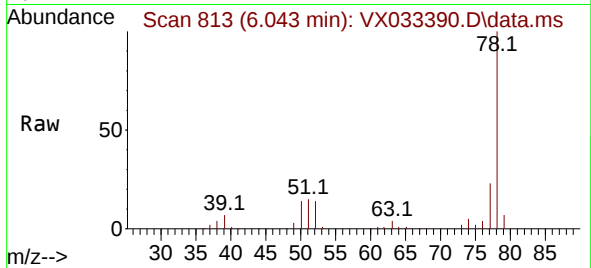
#40
Benzene
Concen: 11.378 ug/l
RT: 6.043 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX033390.D
Acq: 13 Dec 2022 14:21

Instrument :
MSVOA_X
ClientSampleId :
MW-6R

Tgt Ion: 78 Resp: 6325
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4

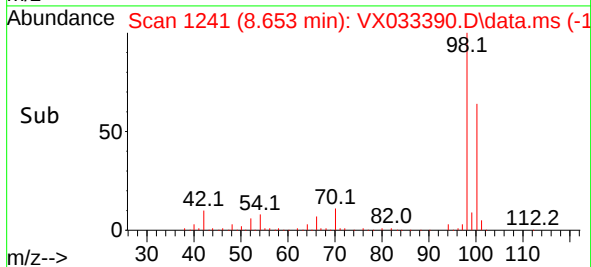
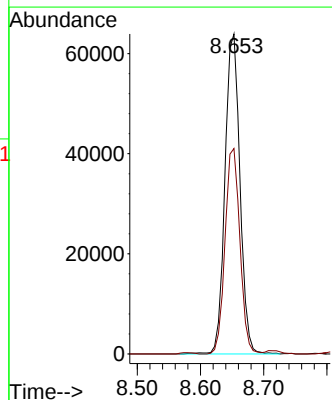
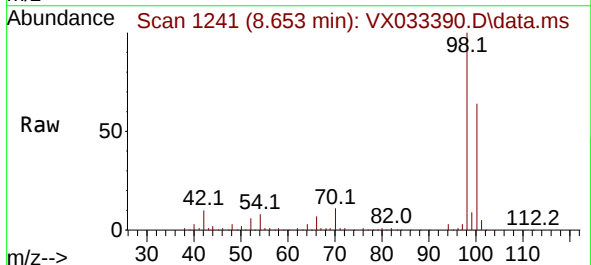
Manual Integrations
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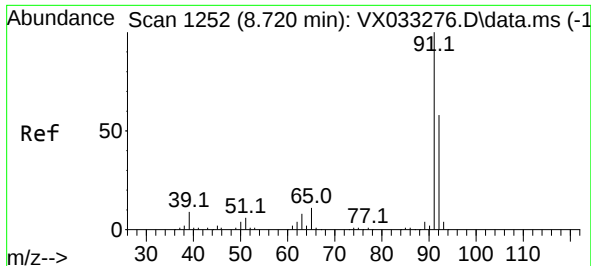
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#50
Toluene-d8
Concen: 51.131 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX033390.D
Acq: 13 Dec 2022 14:21

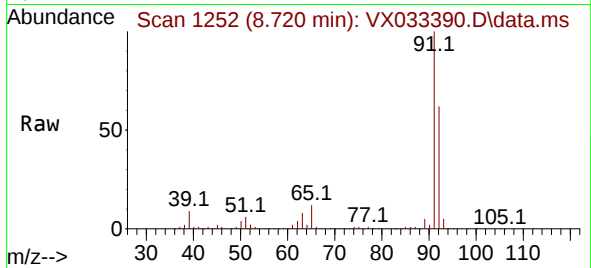
Tgt Ion: 98 Resp: 104607
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3





#52
Toluene
Concen: 747.224 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033390.D
Acq: 13 Dec 2022 14:21

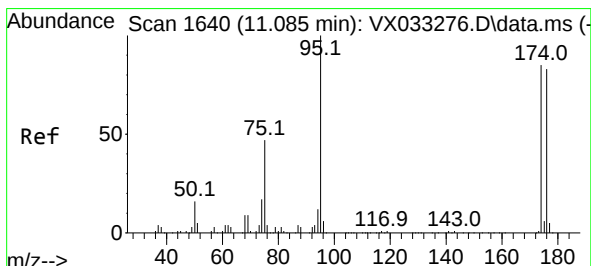
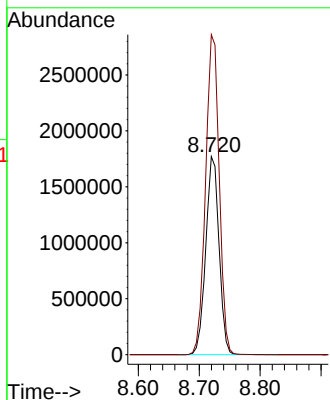
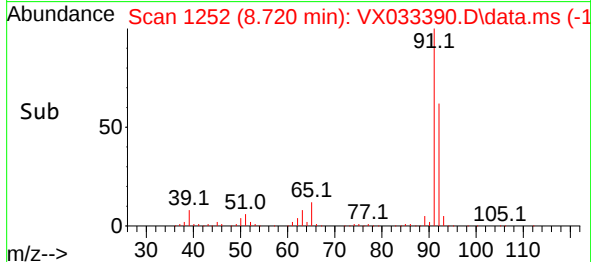
Instrument :
MSVOA_X
ClientSampleId :
MW-6R



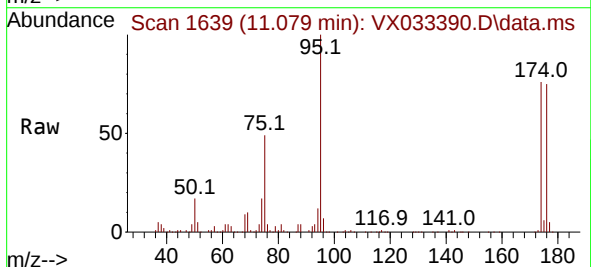
Tgt Ion: 92 Resp: 268586
Ion Ratio Lower Upper
92 100
91 165.6 138.3 207.5

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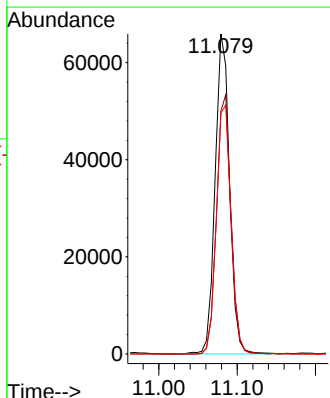
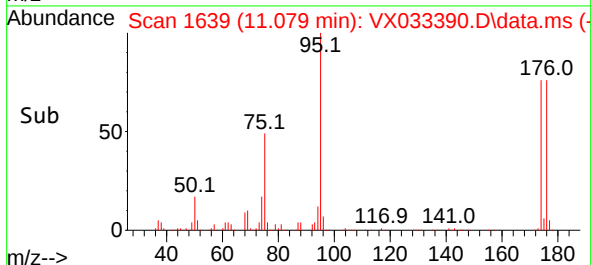
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

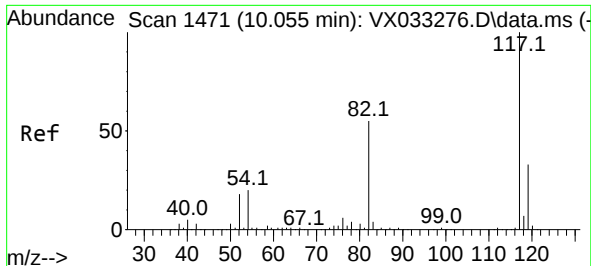


#62
4-Bromofluorobenzene
Concen: 53.985 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033390.D
Acq: 13 Dec 2022 14:21



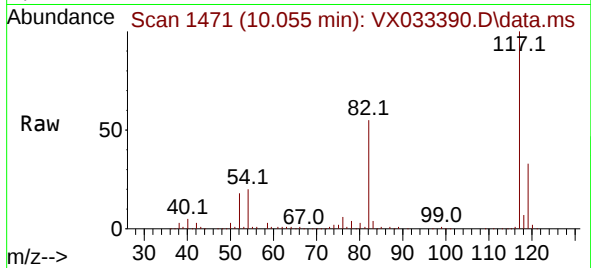
Tgt Ion: 95 Resp: 84450
Ion Ratio Lower Upper
95 100
174 80.9 0.0 164.0
176 79.4 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033390.D
Acq: 13 Dec 2022 14:21

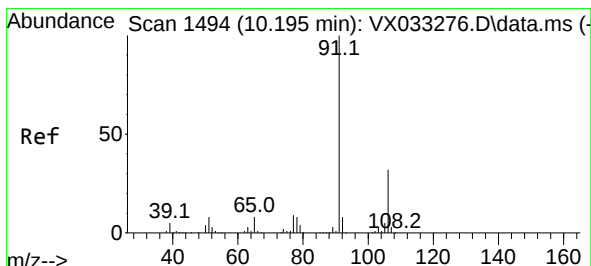
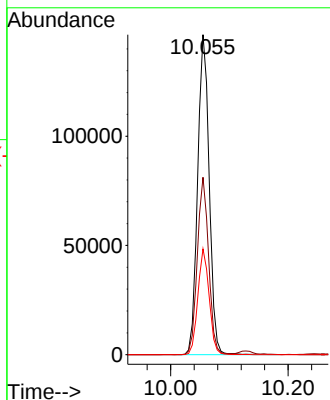
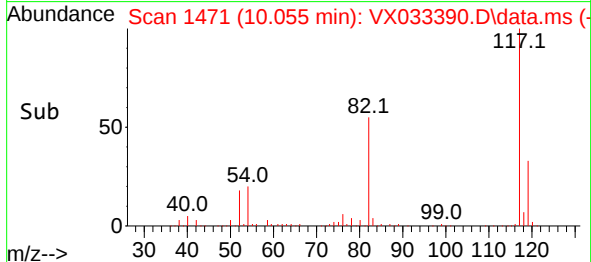
Instrument :
MSVOA_X
ClientSampleId :
MW-6R



Tgt Ion:117 Resp: 200223
Ion Ratio Lower Upper
117 100
82 55.4 44.3 66.5
119 33.1 25.7 38.5

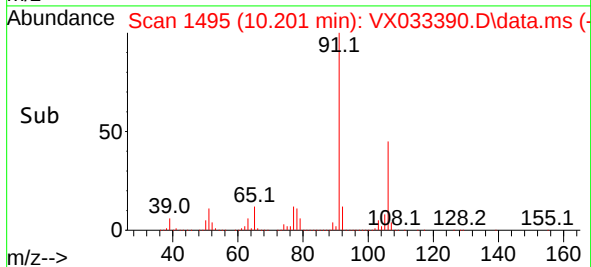
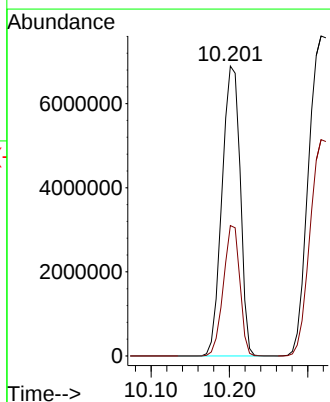
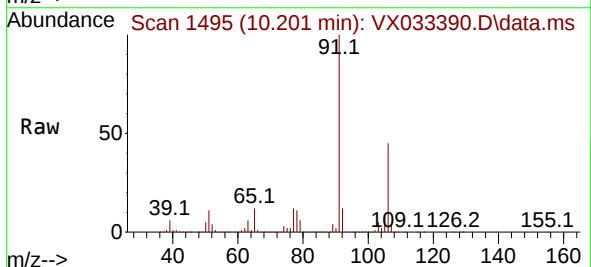
Manual Integrations
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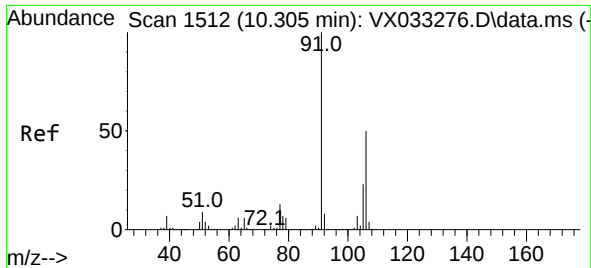
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#67
Ethyl Benzene
Concen: 1578.334 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX033390.D
Acq: 13 Dec 2022 14:21

Tgt Ion: 91 Resp:11148736
Ion Ratio Lower Upper
91 100
106 45.0 25.0 37.6#





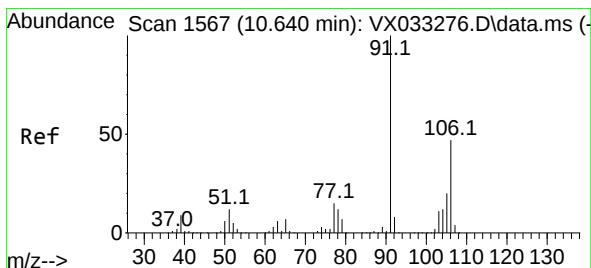
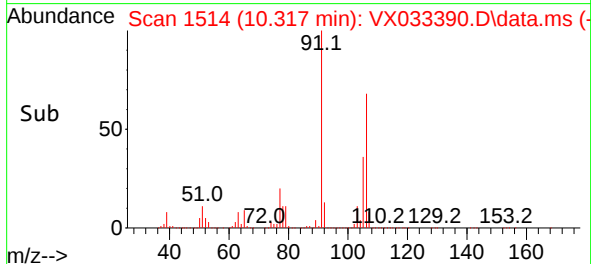
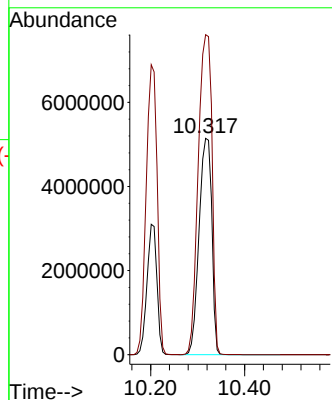
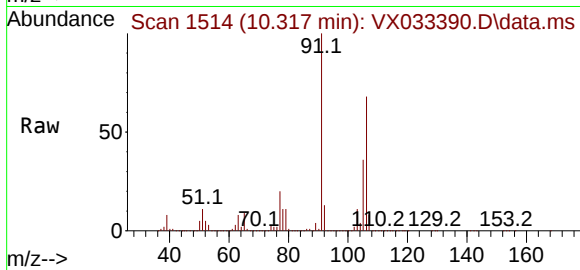
#68
m/p-Xylenes
Concen: 3521.444 ug/l
RT: 10.317 min Scan# 1512
Delta R.T. 0.012 min
Lab File: VX033390.D
Acq: 13 Dec 2022 14:21

Instrument :
MSVOA_X
ClientSampleId :
MW-6R

Tgt Ion:106 Resp: 9677729
Ion Ratio Lower Upper
106 100
91 160.3 164.5 246.7

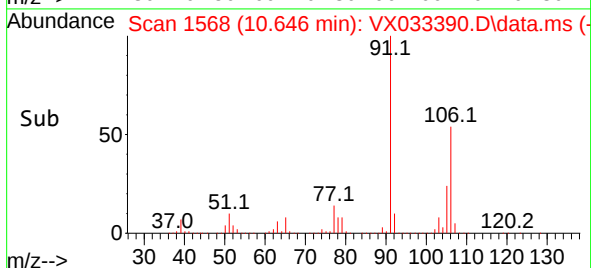
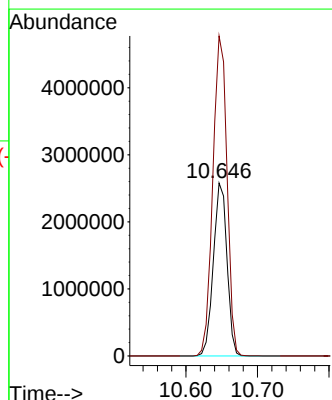
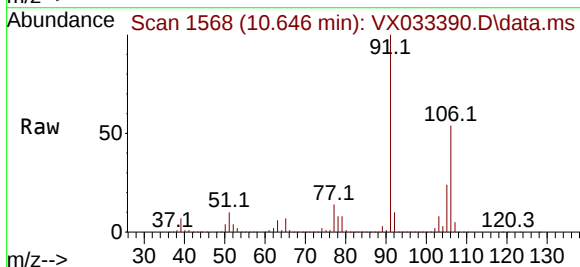
Manual Integrations
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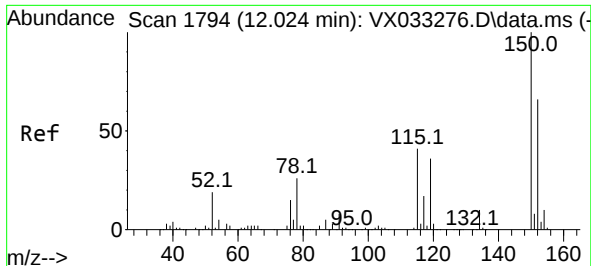
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#69
o-Xylene
Concen: 1252.788 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX033390.D
Acq: 13 Dec 2022 14:21

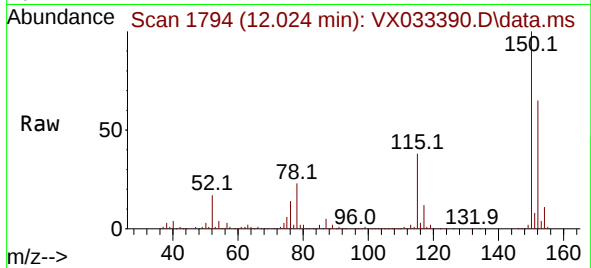
Tgt Ion:106 Resp: 3403148
Ion Ratio Lower Upper
106 100
91 192.8 109.2 327.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033390.D
Acq: 13 Dec 2022 14:21

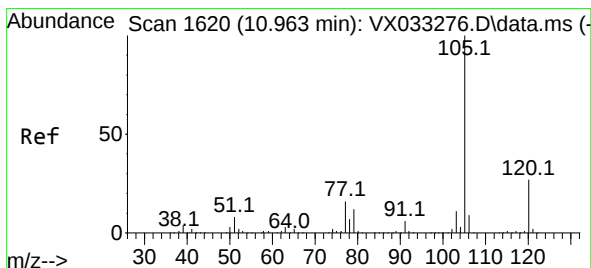
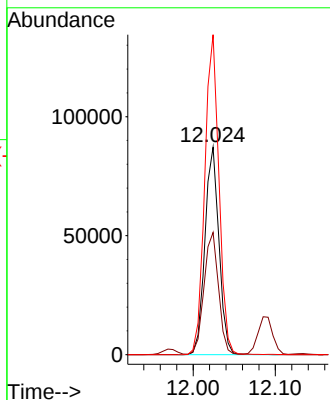
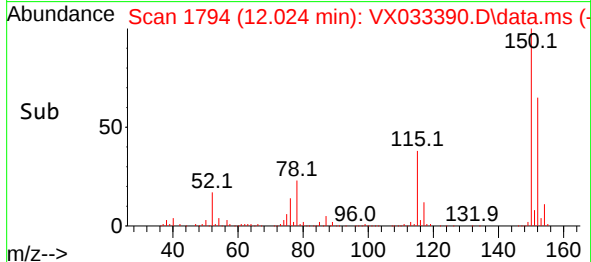
Instrument :
MSVOA_X
ClientSampleId :
MW-6R



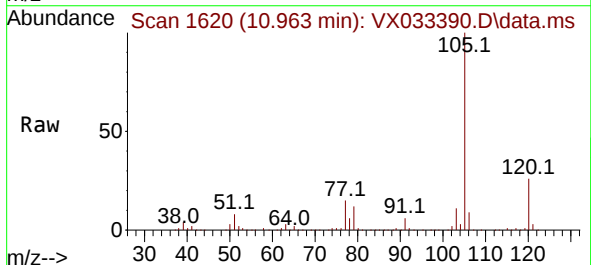
Tgt Ion:152 Resp: 103468
Ion Ratio Lower Upper
152 100
115 60.3 44.0 132.0
150 155.7 0.0 351.8

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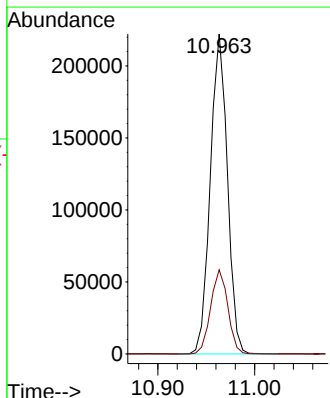
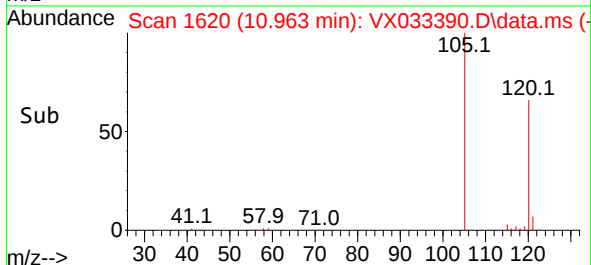
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

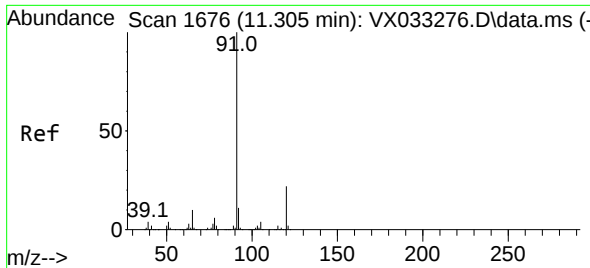


#73
Isopropylbenzene
Concen: 36.373 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033390.D
Acq: 13 Dec 2022 14:21



Tgt Ion:105 Resp: 272775
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3





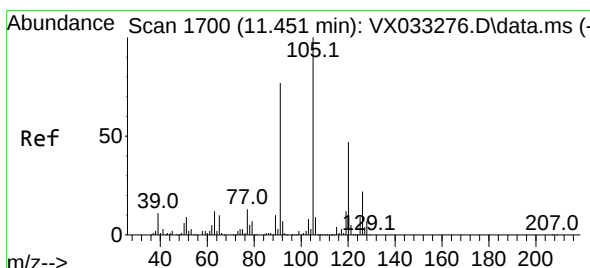
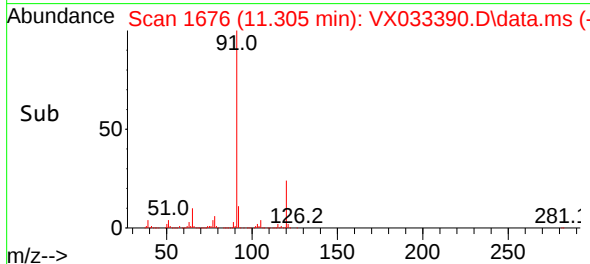
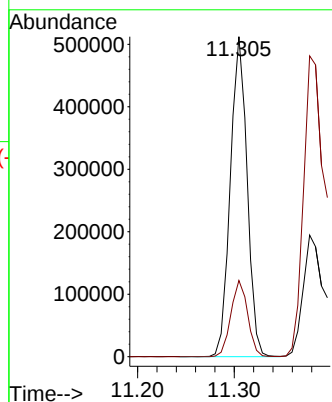
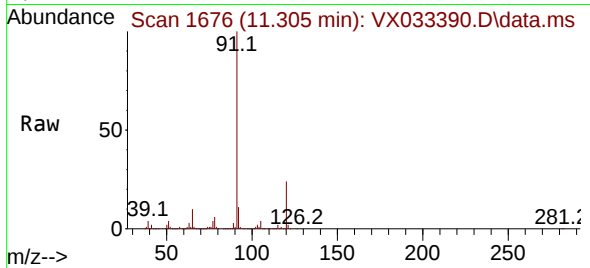
#78
n-propylbenzene
Concen: 73.696 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033390.D
Acq: 13 Dec 2022 14:21

Instrument :
MSVOA_X
ClientSampleId :
MW-6R

Tgt Ion: 91 Resp: 617111
Ion Ratio Lower Upper
91 100
120 23.8 11.6 34.8

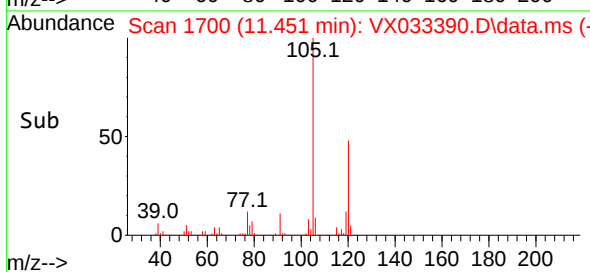
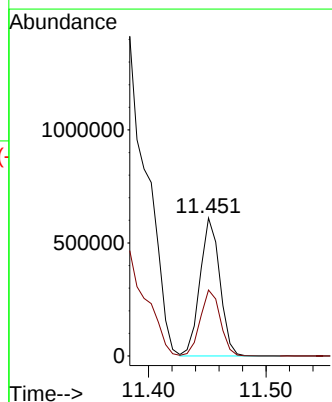
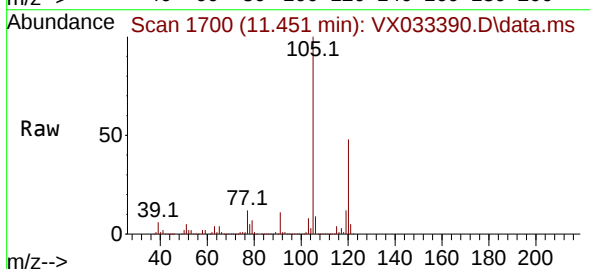
Manual Integrations
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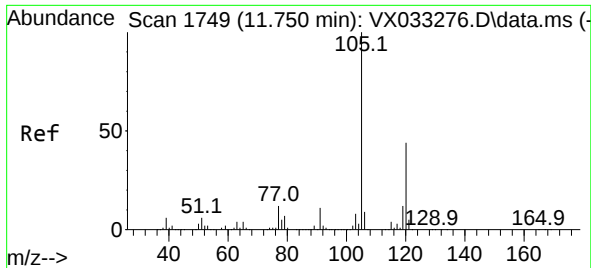
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#80
1,3,5-Trimethylbenzene
Concen: 114.511 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033390.D
Acq: 13 Dec 2022 14:21

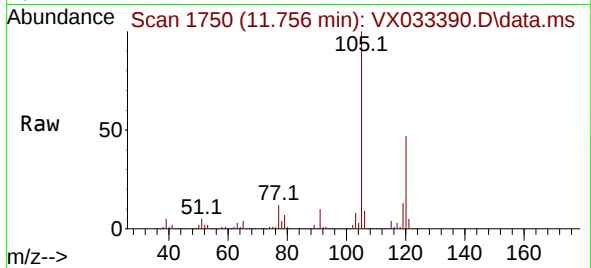
Tgt Ion:105 Resp: 714843
Ion Ratio Lower Upper
105 100
120 48.3 23.6 71.0





#84
1,2,4-Trimethylbenzene
Concen: 359.165 ug/l
RT: 11.756 min Scan# 11750
Delta R.T. 0.006 min
Lab File: VX033390.D
Acq: 13 Dec 2022 14:21

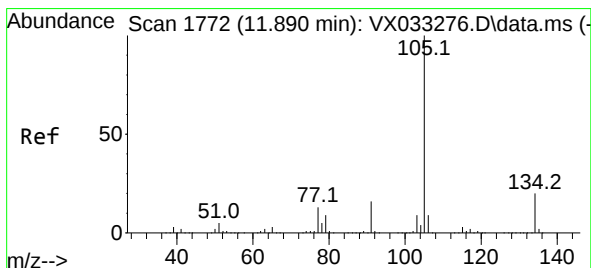
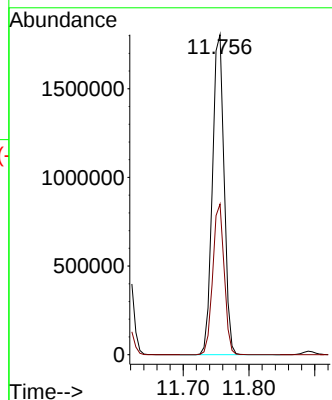
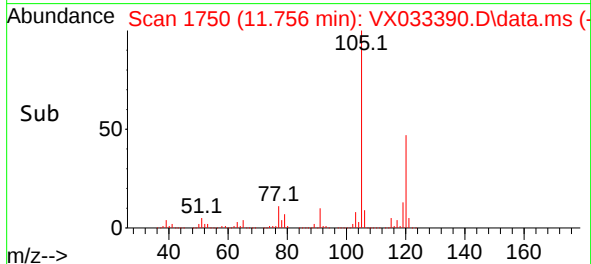
Instrument :
MSVOA_X
ClientSampleId :
MW-6R



Tgt Ion:105 Resp: 223809
Ion Ratio Lower Upper
105 100
120 46.0 21.9 65.5

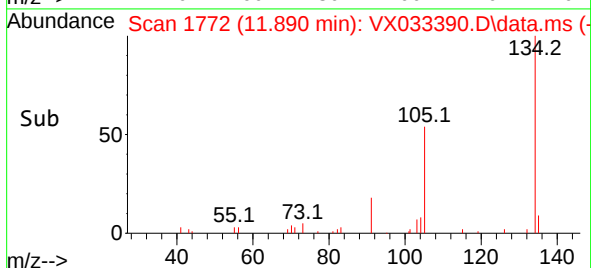
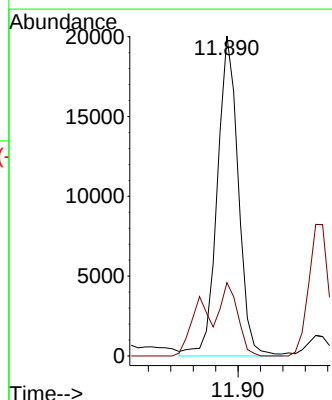
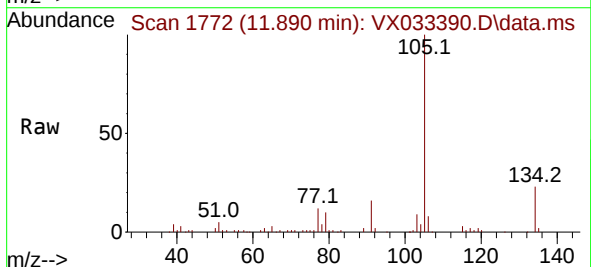
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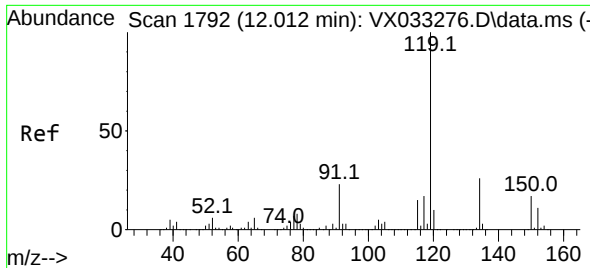
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#85
sec-Butylbenzene
Concen: 3.597 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX033390.D
Acq: 13 Dec 2022 14:21

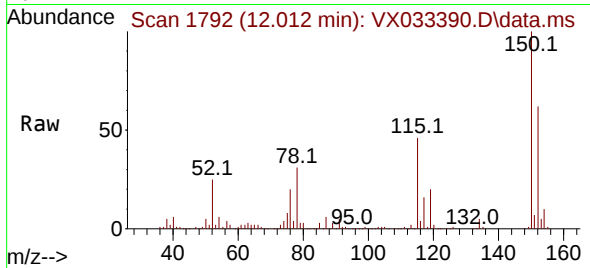
Tgt Ion:105 Resp: 26123
Ion Ratio Lower Upper
105 100
134 0.0 9.9 29.7#





#86
p-Isopropyltoluene
Concen: 1.908 ug/l m
RT: 12.012 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX033390.D
Acq: 13 Dec 2022 14:21

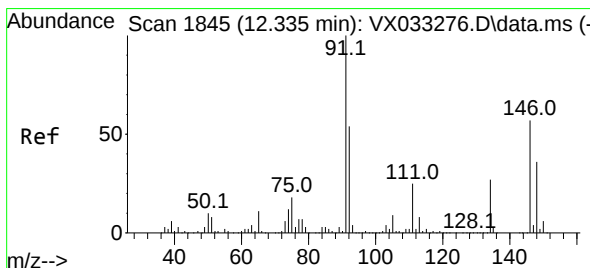
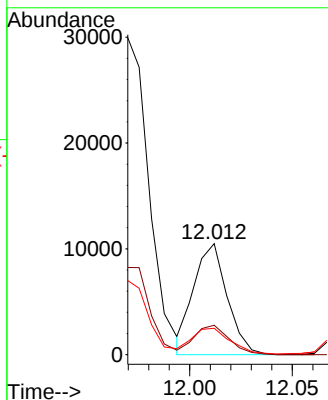
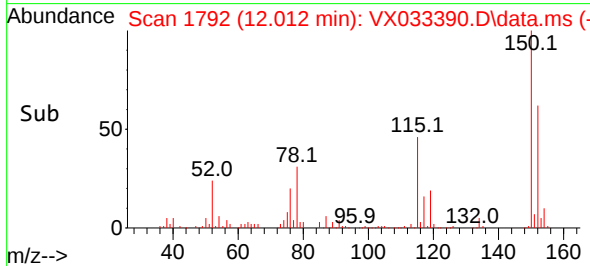
Instrument :
MSVOA_X
ClientSampleId :
MW-6R



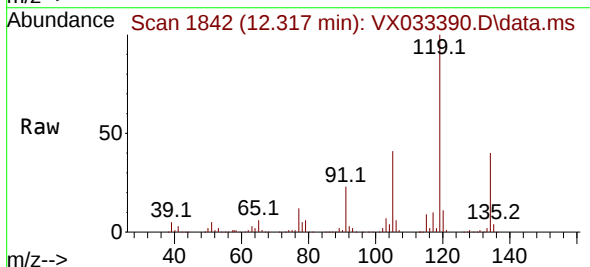
Tgt Ion: 119 Resp: 11949
Ion Ratio Lower Upper
119 100
134 85.2 12.9 38.7
91 74.0 12.5 37.5

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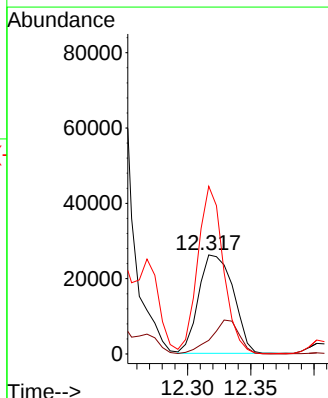
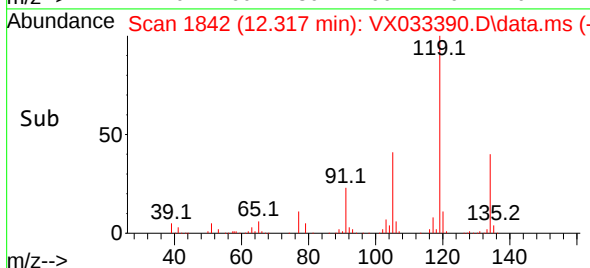
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

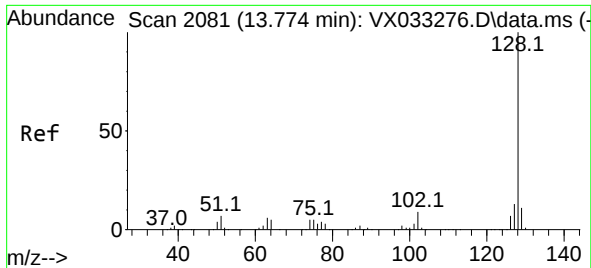


#89
n-Butylbenzene
Concen: 9.714 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.018 min
Lab File: VX033390.D
Acq: 13 Dec 2022 14:21



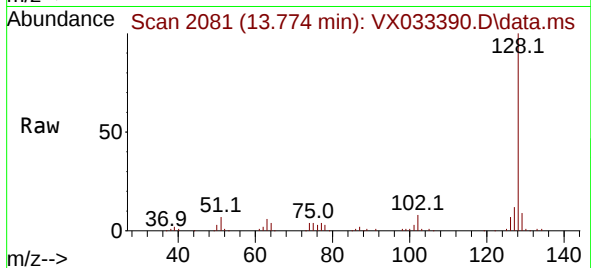
Tgt Ion: 91 Resp: 49820
Ion Ratio Lower Upper
91 100
92 28.2 26.2 78.6
134 125.7 12.9 38.6





#95
Naphthalene
Concen: 6.198 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033390.D
Acq: 13 Dec 2022 14:21

Instrument :
MSVOA_X
ClientSampleId :
MW-6R



Tgt Ion:128 Resp: 4282
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.9 8.9 13.3

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

