

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120822\
 Data File : VX033334.D
 Acq On : 08 Dec 2022 19:22
 Operator : JC/MD
 Sample : N5906-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-42

Quant Time: Dec 09 00:54:15 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 12/09/2022
 Supervised By : Mahesh Dadoda 12/09/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	163582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	267785	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117904	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46629	44.432	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.860%		
35) Dibromofluoromethane	5.385	113	53452	44.379	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.760%		
50) Toluene-d8	8.653	98	119525	47.437	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.880%		
62) 4-Bromofluorobenzene	11.079	95	100518	52.175	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.360%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.989	59	39434	122.906	ug/l #	72
19) Methyl tert-butyl Ether	3.111	73	145449	28.314	ug/l #	1
31) Cyclohexane	5.477	56	335447	134.500	ug/l	91
39) Methylcyclohexane	7.379	83	300621	114.373	ug/l	96
40) Benzene	6.044	78	1831884	267.553	ug/l	100
52) Toluene	8.720	92	919685	207.754	ug/l	99
67) Ethyl Benzene	10.201	91	6917058	808.975	ug/l #	87
68) m/p-Xylenes	10.311	106	6279025	1887.470	ug/l	78
69) o-Xylene	10.646	106	3027190	920.612	ug/l	86
73) Isopropylbenzene	10.963	105	550230	64.386	ug/l	99
78) n-propylbenzene	11.305	91	1855608	194.465	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	2956836	415.661	ug/l	96
84) 1,2,4-Trimethylbenzene	11.762	105	8686220	1223.272	ug/l	87
85) sec-Butylbenzene	11.890	105	87271m	10.545	ug/l	
86) p-Isopropyltoluene	12.012	119	62660m	8.781	ug/l	
89) n-Butylbenzene	12.323	91	303033	51.852	ug/l #	7
95) Naphthalene	13.780	128	4122196	523.572	ug/l	98

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

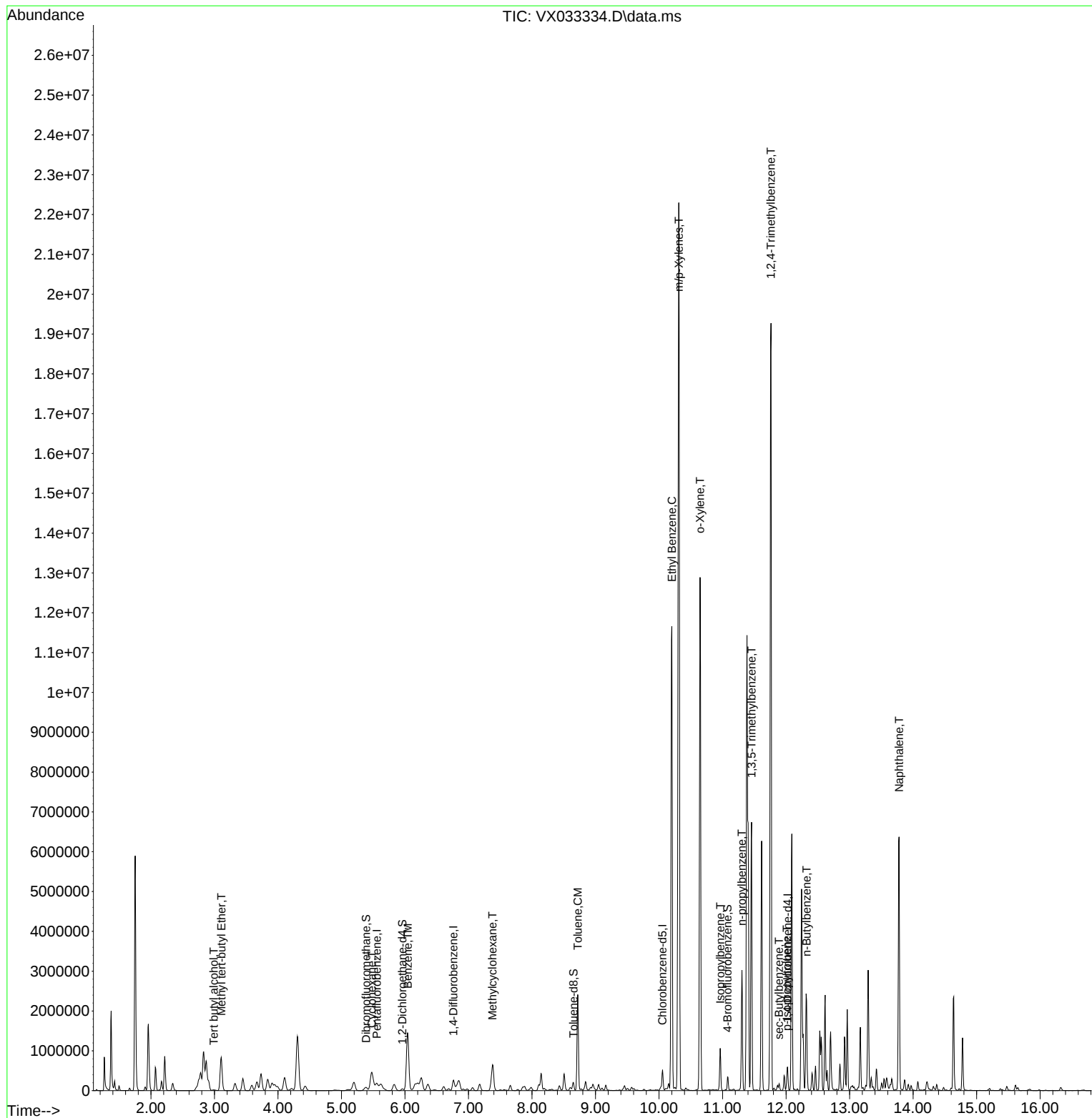
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120822\
Data File : VX033334.D
Acq On : 08 Dec 2022 19:22
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

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APPROVED

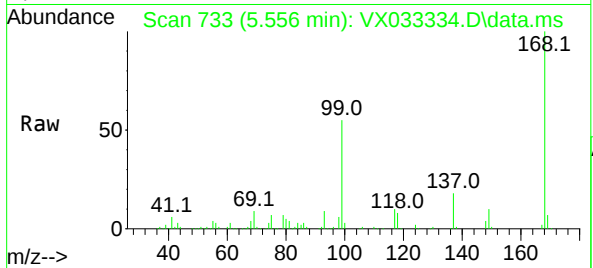
Reviewed By : John Carlone 12/09/2022
Supervised By : Mahesh Dadoda 12/09/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033334.D
Acq: 08 Dec 2022 19:22

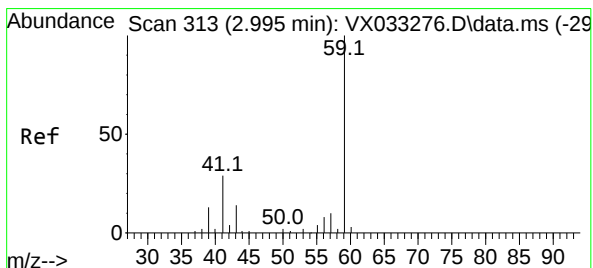
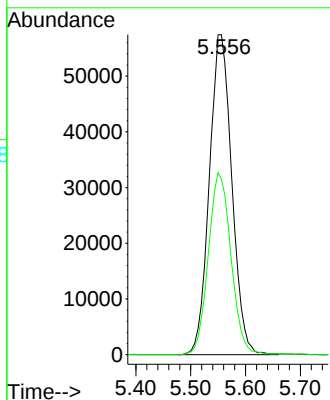
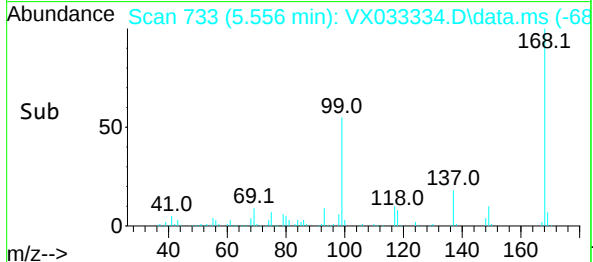
Instrument :
MSVOA_X
ClientSampleId :
MW-42



Tgt Ion:168 Resp: 16358
Ion Ratio Lower Upper
168 100
99 54.8 46.1 69.1

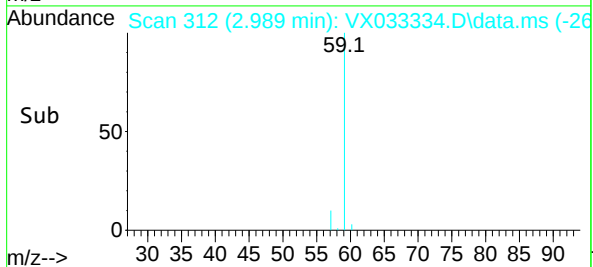
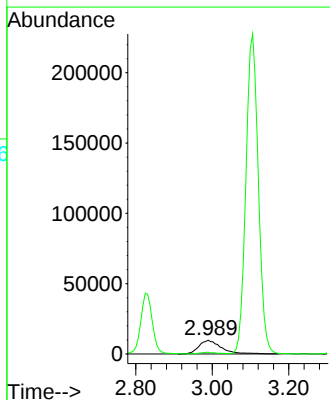
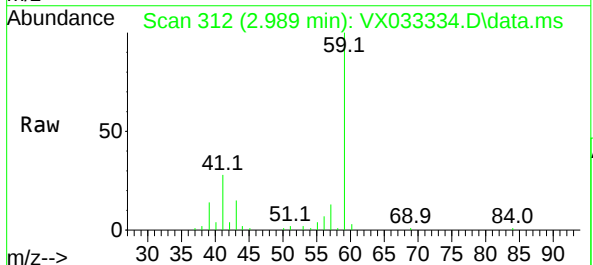
Manual Integrations
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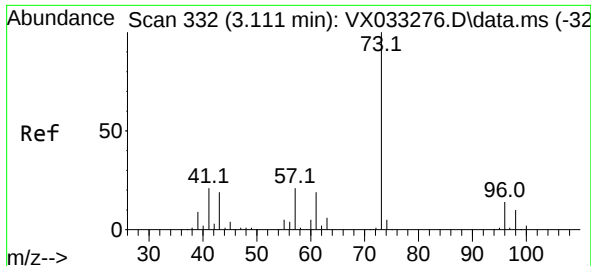
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#11
Tert butyl alcohol
Concen: 122.906 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.006 min
Lab File: VX033334.D
Acq: 08 Dec 2022 19:22

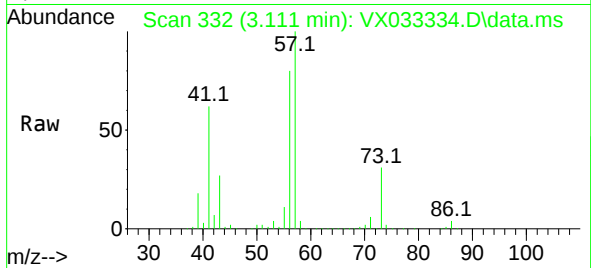
Tgt Ion: 59 Resp: 39434
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#19
Methyl tert-butyl Ether
Concen: 28.314 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033334.D
Acq: 08 Dec 2022 19:22

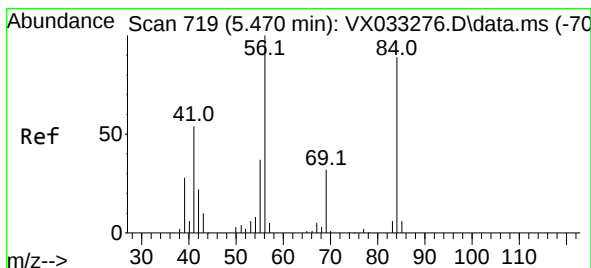
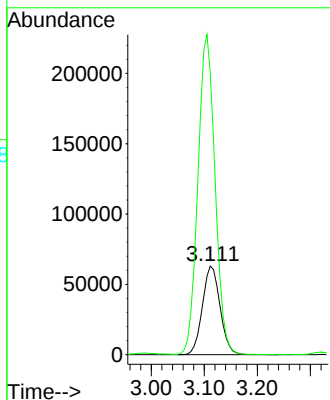
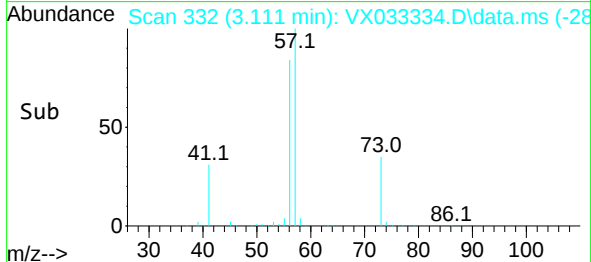
Instrument :
MSVOA_X
ClientSampleId :
MW-42



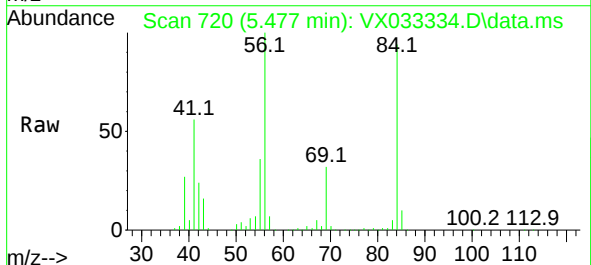
Tgt Ion: 73 Resp: 145449
Ion Ratio Lower Upper
73 100
57 318.5 16.6 25.0

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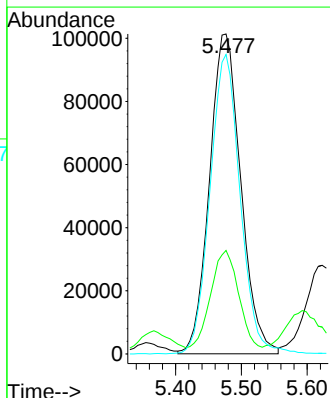
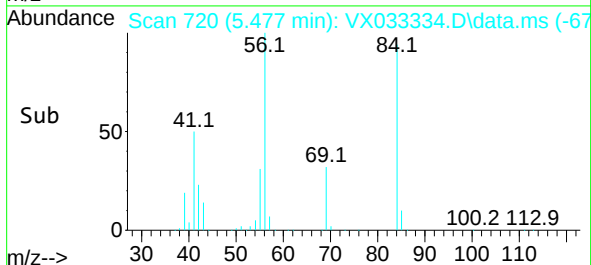
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

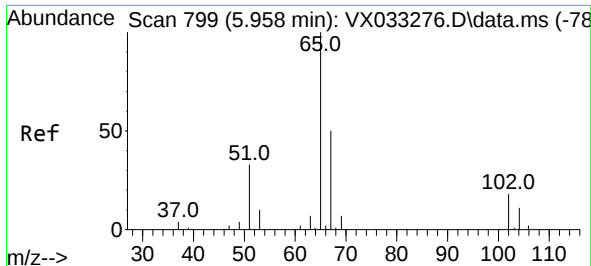


#31
Cyclohexane
Concen: 134.500 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX033334.D
Acq: 08 Dec 2022 19:22



Tgt Ion: 56 Resp: 335447
Ion Ratio Lower Upper
56 100
69 29.5 24.1 36.1
84 94.2 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 44.432 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033334.D

Acq: 08 Dec 2022 19:22

Instrument :

MSVOA_X

ClientSampleId :

MW-42

Tgt Ion: 65 Resp: 46629

Ion Ratio Lower Upper

65 100

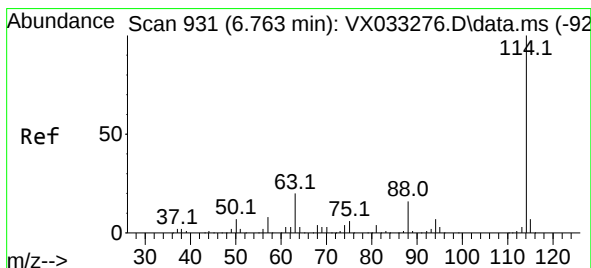
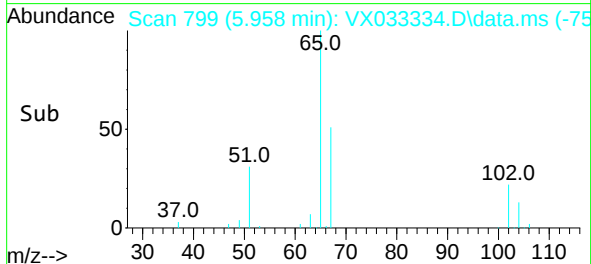
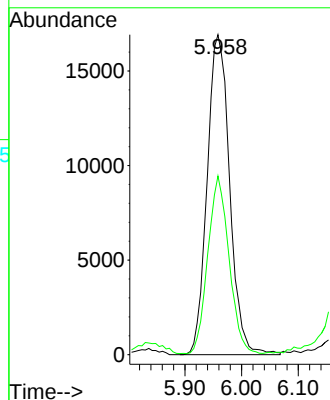
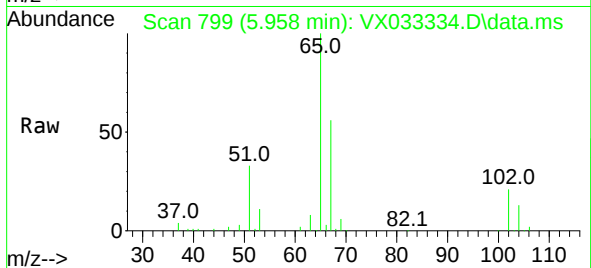
67 52.1 0.0 101.8

Manual Integrations

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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: VX033334.D

Acq: 08 Dec 2022 19:22

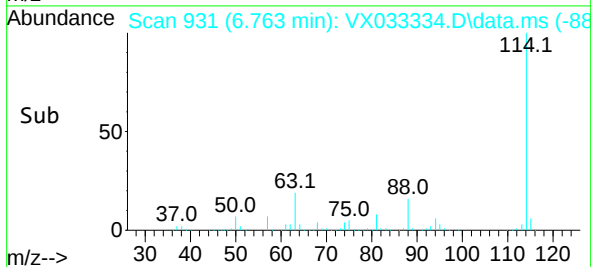
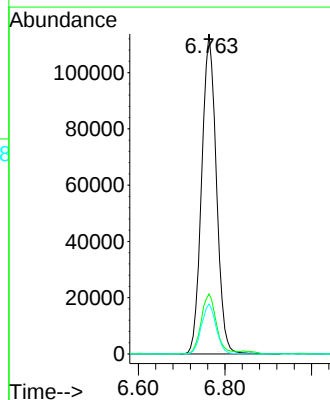
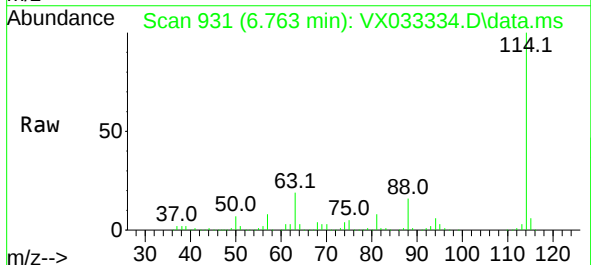
Tgt Ion:114 Resp: 267785

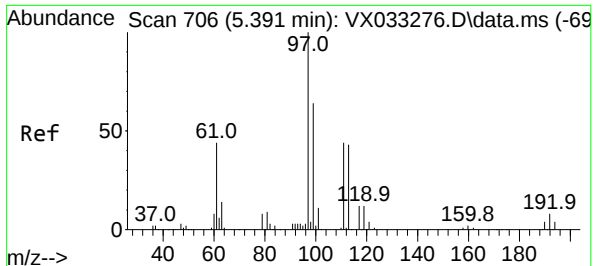
Ion Ratio Lower Upper

114 100

63 18.7 0.0 41.6

88 15.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 44.379 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX033334.D

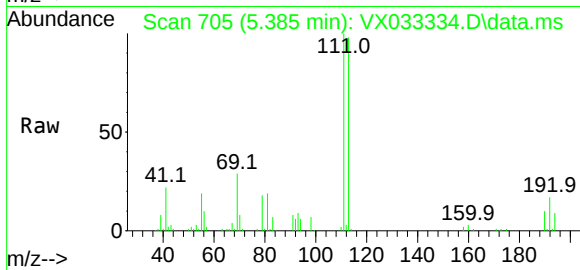
Acq: 08 Dec 2022 19:22

Instrument :

MSVOA_X

ClientSampleId :

MW-42



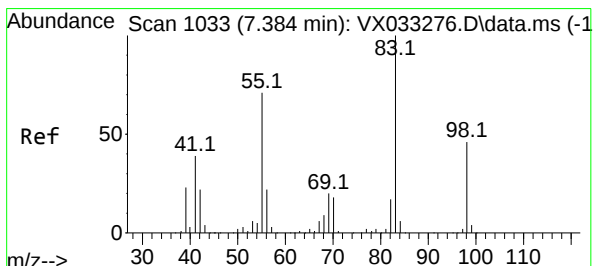
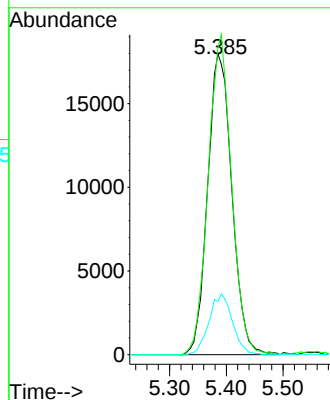
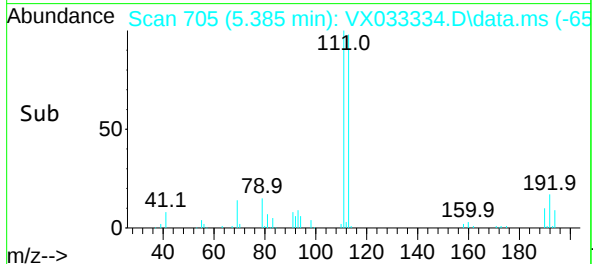
Tgt Ion:	113	Resp:	5345
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.4	123.6
192	19.5	15.4	23.2

Manual Integrations

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Supervised By :Mahesh Dadoda 12/09/2022



#39

Methylcyclohexane

Concen: 114.373 ug/l

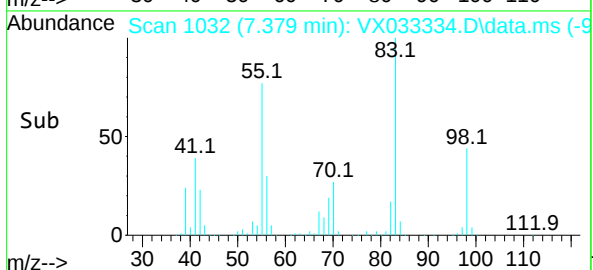
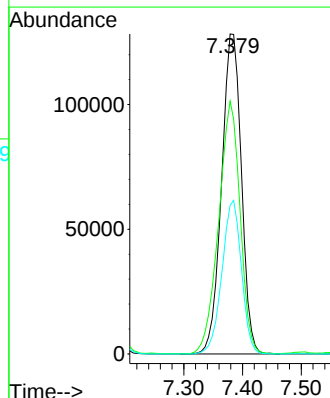
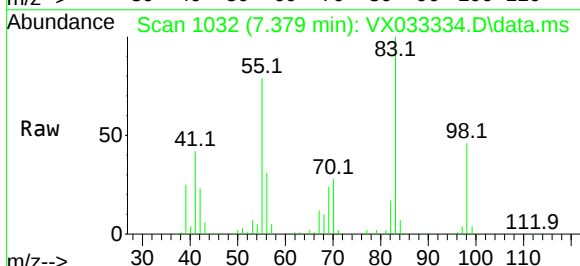
RT: 7.379 min Scan# 1032

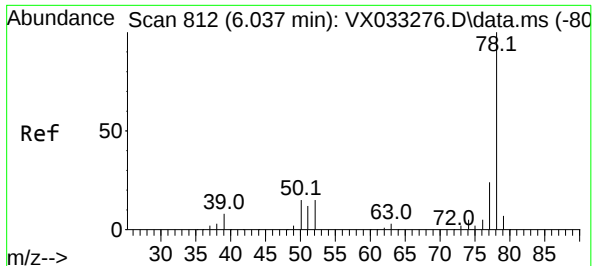
Delta R.T. -0.006 min

Lab File: VX033334.D

Acq: 08 Dec 2022 19:22

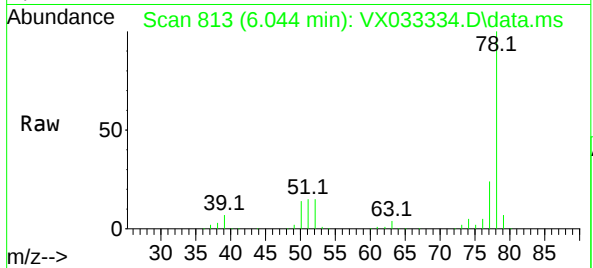
Tgt Ion:	83	Resp:	300621
Ion	Ratio	Lower	Upper
83	100		
55	78.9	58.4	87.6
98	46.4	37.2	55.8





#40
Benzene
Concen: 267.553 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX033334.D
Acq: 08 Dec 2022 19:22

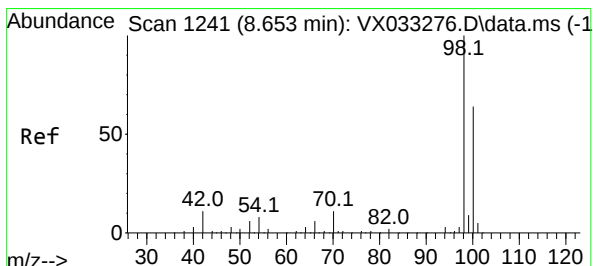
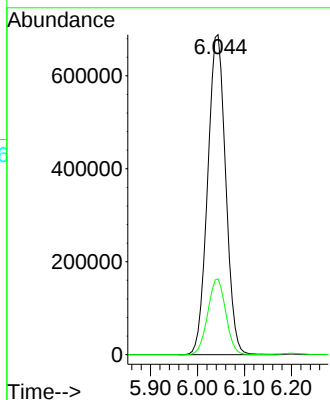
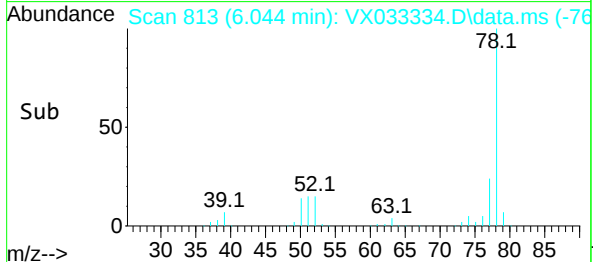
Instrument :
MSVOA_X
ClientSampleId :
MW-42



Tgt Ion: 78 Resp: 1831884
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

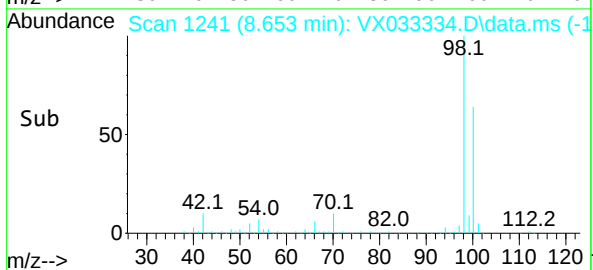
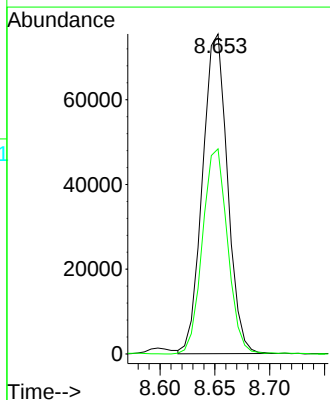
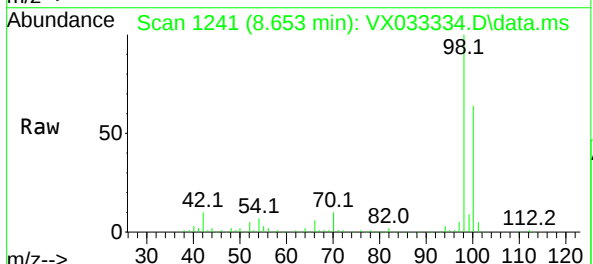
Manual Integrations
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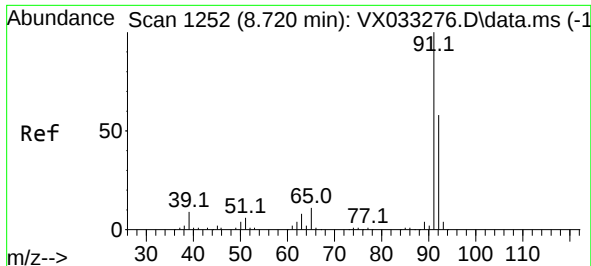
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#50
Toluene-d8
Concen: 47.437 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX033334.D
Acq: 08 Dec 2022 19:22

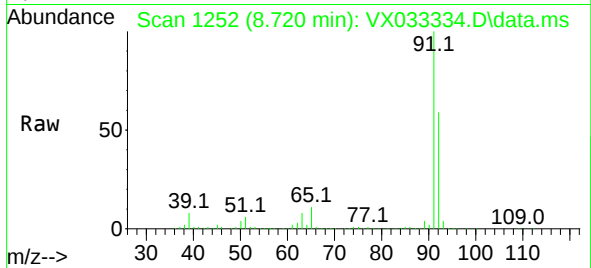
Tgt Ion: 98 Resp: 119525
Ion Ratio Lower Upper
98 100
100 64.8 50.9 76.3





#52
Toluene
Concen: 207.754 ug/l
RT: 8.720 min Scan# 1196
Delta R.T. 0.000 min
Lab File: VX033334.D
Acq: 08 Dec 2022 19:22

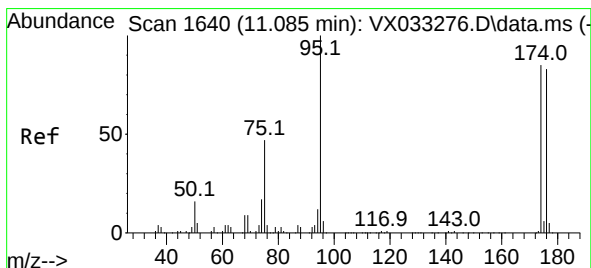
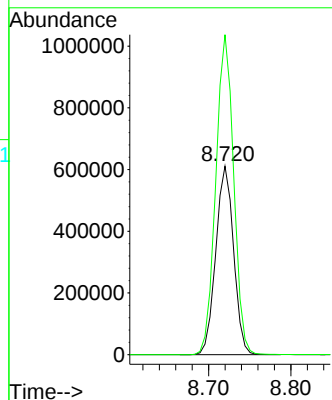
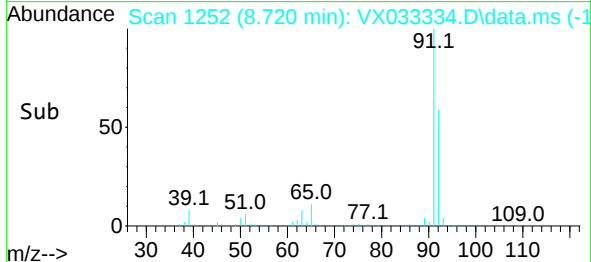
Instrument :
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ClientSampleId :
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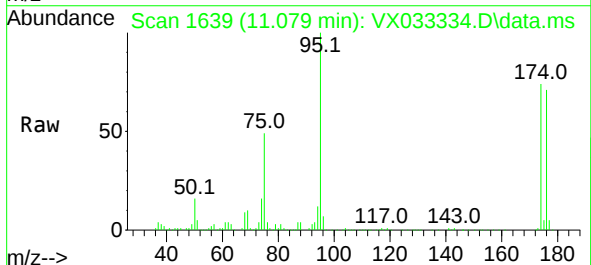
Tgt Ion: 92 Resp: 91968
Ion Ratio Lower Upper
92 100
91 170.8 138.3 207.5

Manual Integrations
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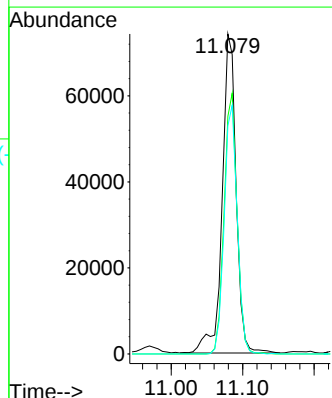
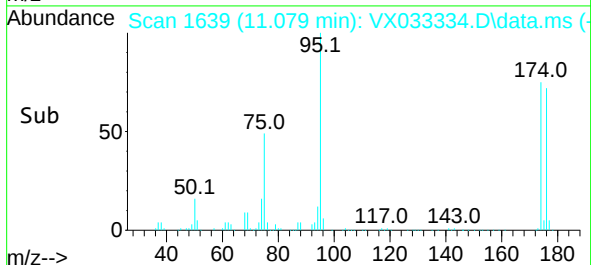
Reviewed By :John Carlone 12/09/2022
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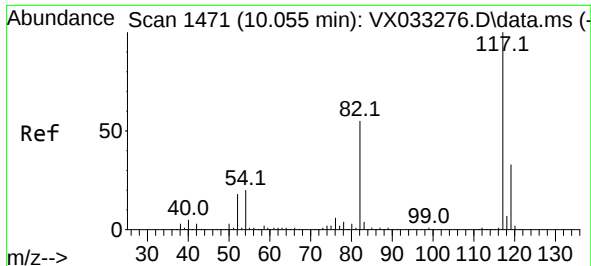


#62
4-Bromofluorobenzene
Concen: 52.175 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033334.D
Acq: 08 Dec 2022 19:22



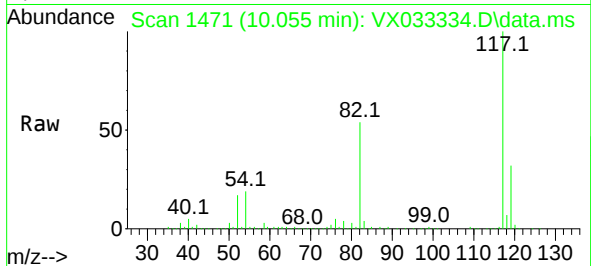
Tgt Ion: 95 Resp: 100518
Ion Ratio Lower Upper
95 100
174 76.2 0.0 164.0
176 73.1 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033334.D
Acq: 08 Dec 2022 19:22

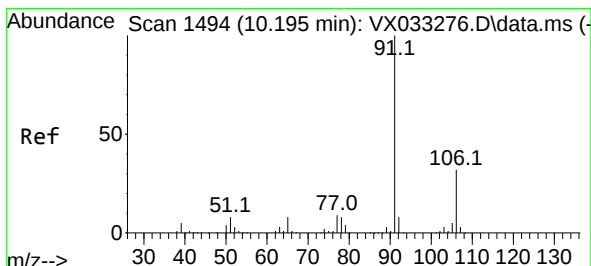
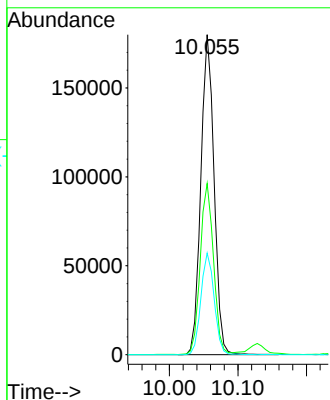
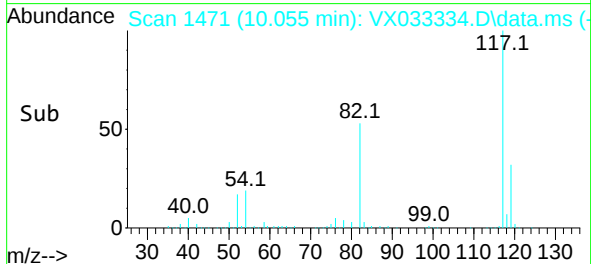
Instrument :
MSVOA_X
ClientSampleId :
MW-42



Tgt Ion: 117 Resp: 242361
Ion Ratio Lower Upper
117 100
82 53.4 44.3 66.5
119 31.8 25.7 38.5

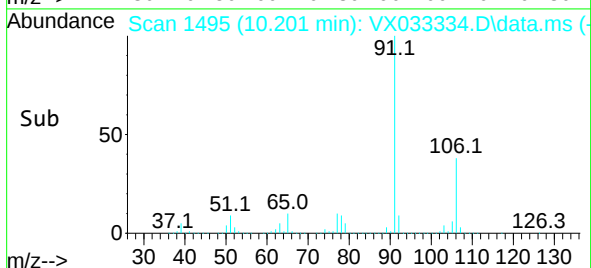
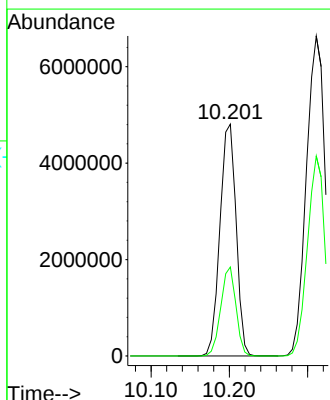
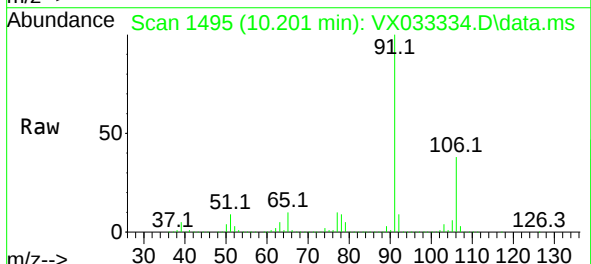
Manual Integrations
APPROVED

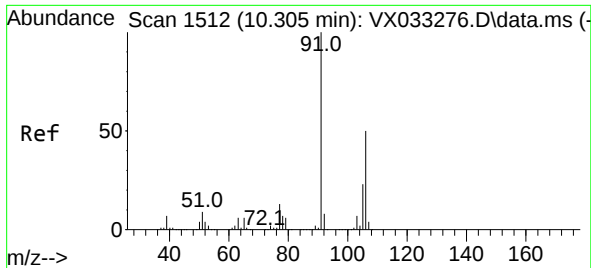
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#67
Ethyl Benzene
Concen: 808.975 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX033334.D
Acq: 08 Dec 2022 19:22

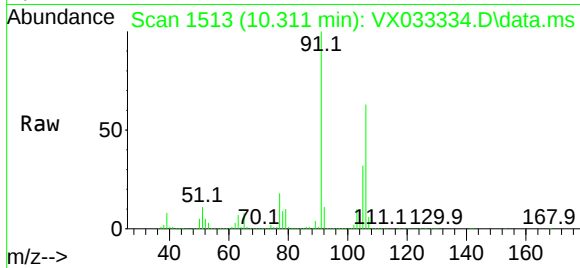
Tgt Ion: 91 Resp: 6917058
Ion Ratio Lower Upper
91 100
106 38.3 25.0 37.6#





#68
m/p-Xylenes
Concen: 1887.470 ug/l
RT: 10.311 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX033334.D
Acq: 08 Dec 2022 19:22

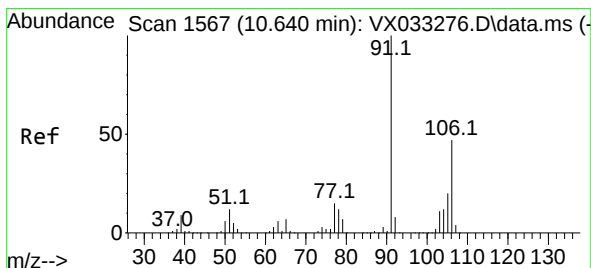
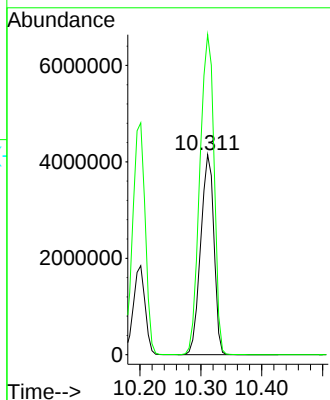
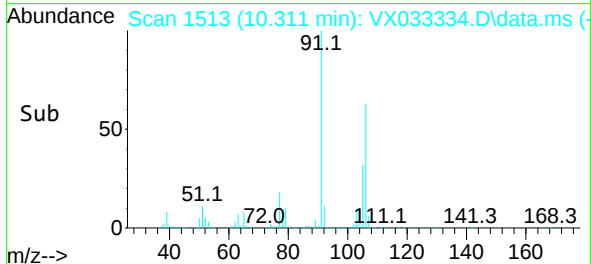
Instrument :
MSVOA_X
ClientSampleId :
MW-42



Tgt Ion:106 Resp: 627902
Ion Ratio Lower Upper
106 100
91 171.9 164.5 246.7

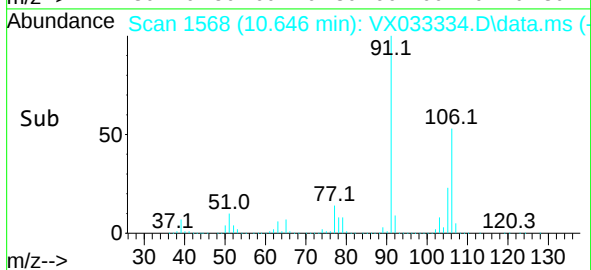
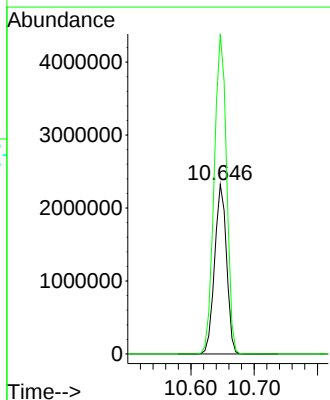
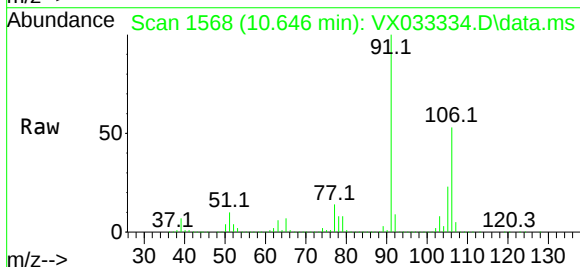
Manual Integrations
APPROVED

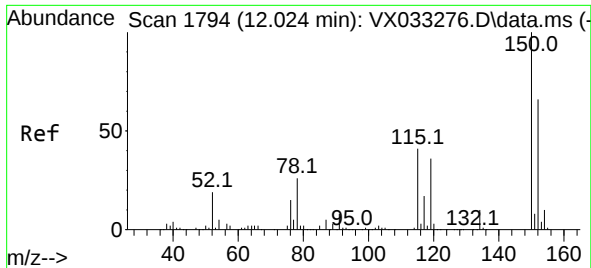
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#69
o-Xylene
Concen: 920.612 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX033334.D
Acq: 08 Dec 2022 19:22

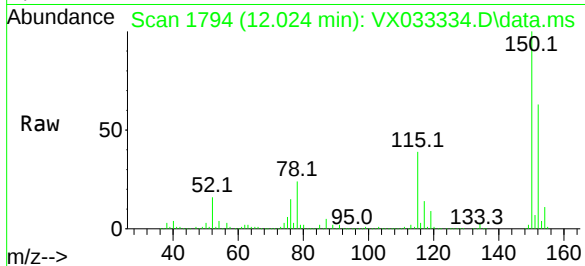
Tgt Ion:106 Resp: 3027190
Ion Ratio Lower Upper
106 100
91 196.7 109.2 327.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 117904
Delta R.T. 0.000 min
Lab File: VX033334.D
Acq: 08 Dec 2022 19:22

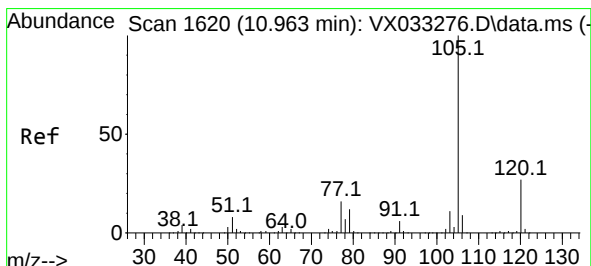
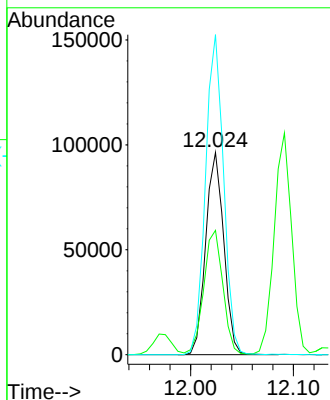
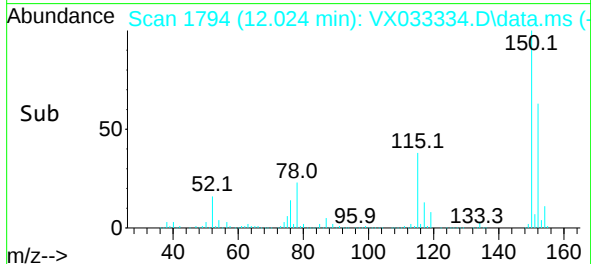
Instrument :
MSVOA_X
ClientSampleId :
MW-42



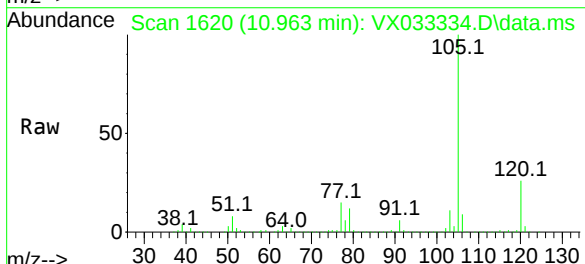
Tgt Ion:152 Resp: 117904
Ion Ratio Lower Upper
152 100
115 64.1 44.0 132.0
150 158.0 0.0 351.8

Manual Integrations
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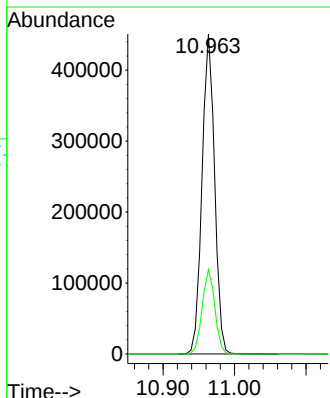
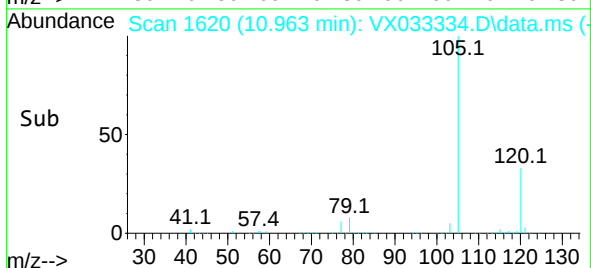
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

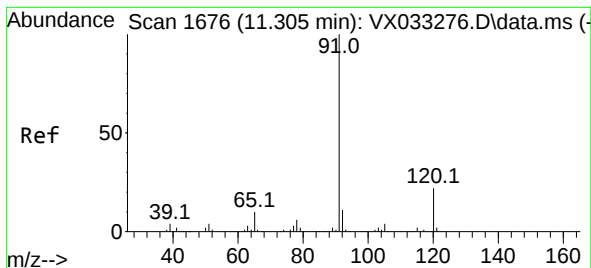


#73
Isopropylbenzene
Concen: 64.386 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033334.D
Acq: 08 Dec 2022 19:22



Tgt Ion:105 Resp: 550230
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3





#78

n-propylbenzene

Concen: 194.465 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033334.D

Acq: 08 Dec 2022 19:22

Instrument :

MSVOA_X

ClientSampleId :

MW-42

Tgt Ion: 91 Resp: 1855608

Ion Ratio Lower Upper

91 100

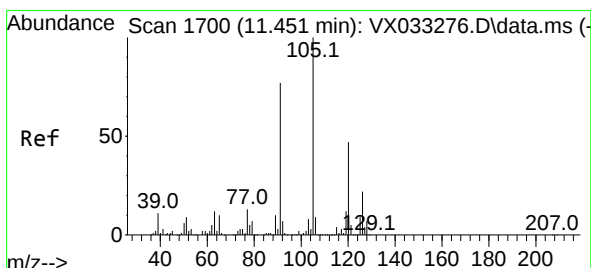
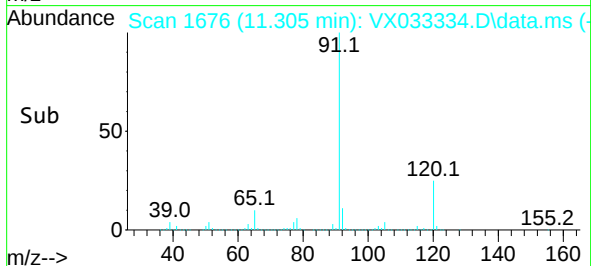
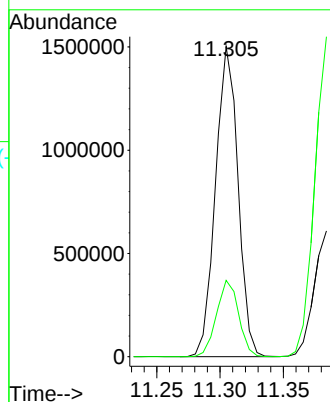
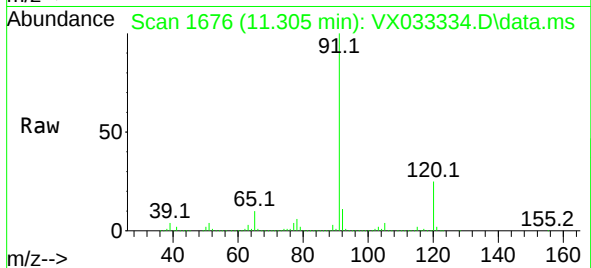
120 24.2 11.6 34.8

Manual Integrations

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Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#80

1,3,5-Trimethylbenzene

Concen: 415.661 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX033334.D

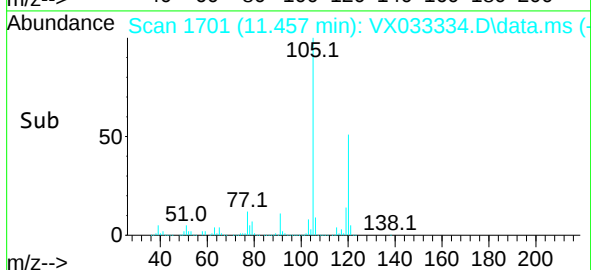
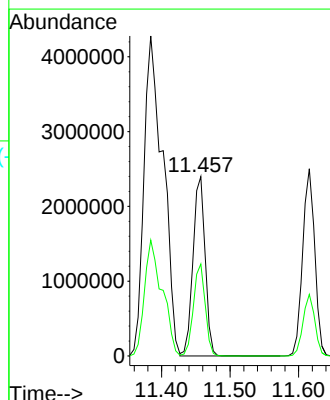
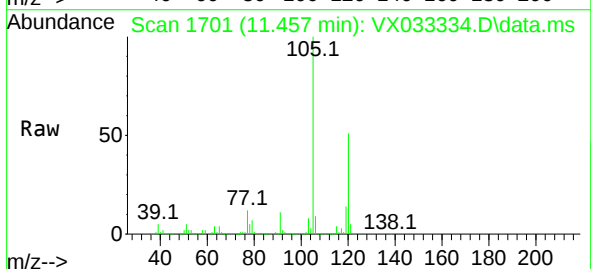
Acq: 08 Dec 2022 19:22

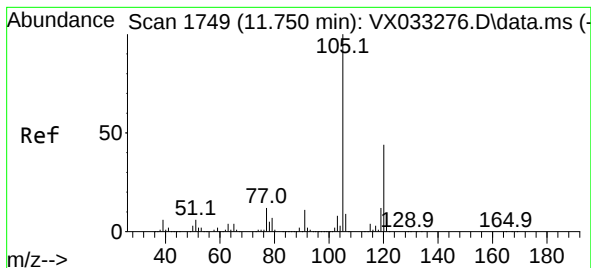
Tgt Ion:105 Resp: 2956836

Ion Ratio Lower Upper

105 100

120 49.8 23.6 71.0





#84

1,2,4-Trimethylbenzene

Concen: 1223.272 ug/l

RT: 11.762 min Scan# 1751

Delta R.T. 0.012 min

Lab File: VX033334.D

Acq: 08 Dec 2022 19:22

Instrument :

MSVOA_X

ClientSampleId :

MW-42

Tgt Ion:105 Resp: 8686220

Ion Ratio Lower Upper

105 100

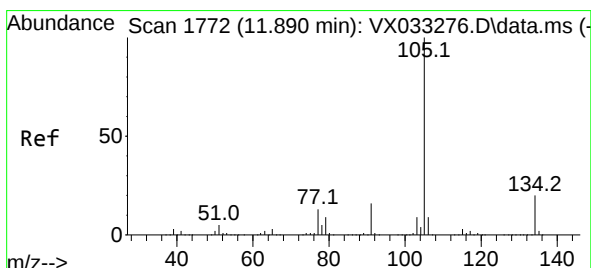
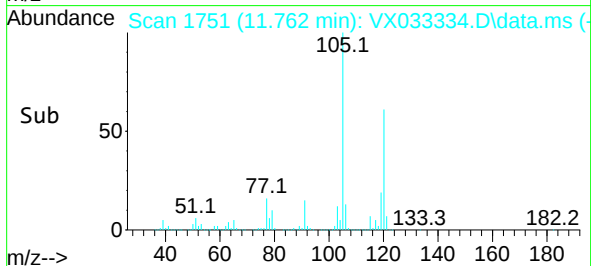
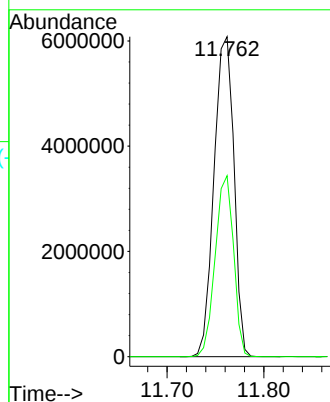
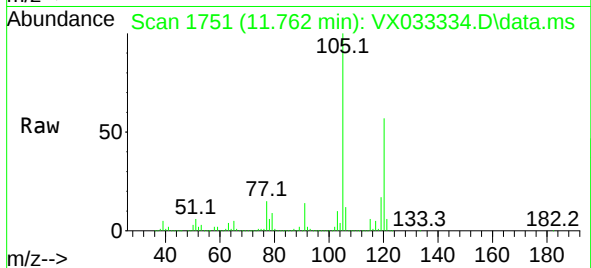
120 52.3 21.9 65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#85

sec-Butylbenzene

Concen: 10.545 ug/l m

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX033334.D

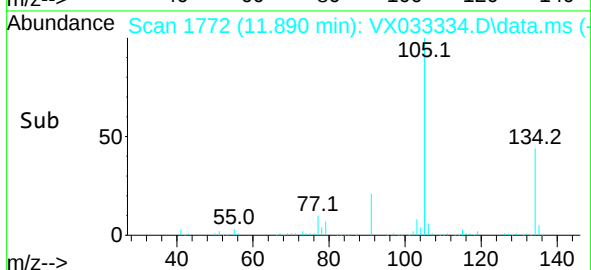
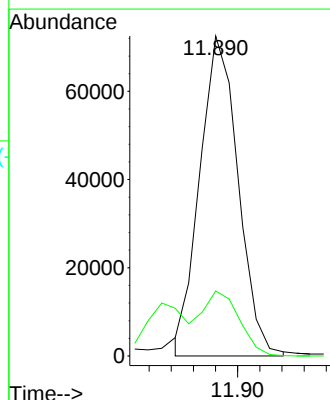
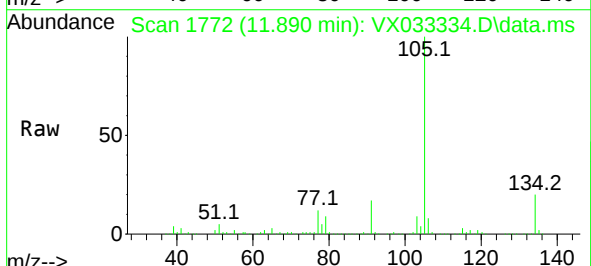
Acq: 08 Dec 2022 19:22

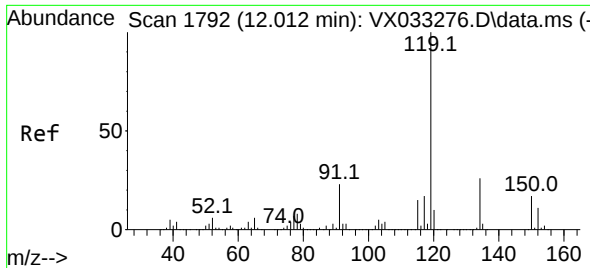
Tgt Ion:105 Resp: 87271

Ion Ratio Lower Upper

105 100

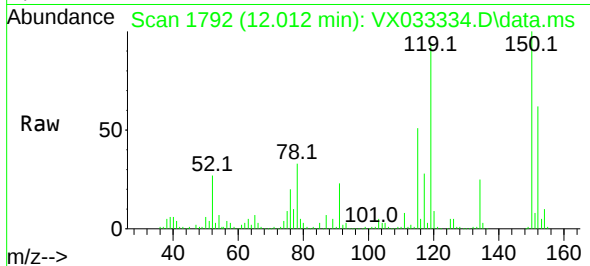
134 0.0 9.9 29.7#





#86
p-Isopropyltoluene
Concen: 8.781 ug/l m
RT: 12.012 min Scan# 119
Delta R.T. 0.000 min
Lab File: VX033334.D
Acq: 08 Dec 2022 19:22

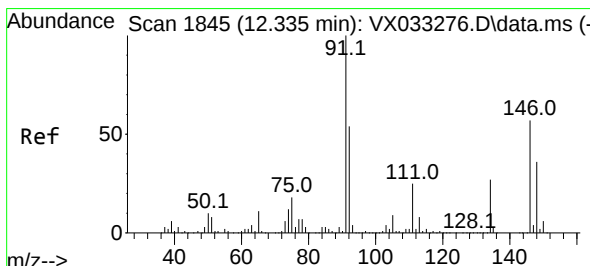
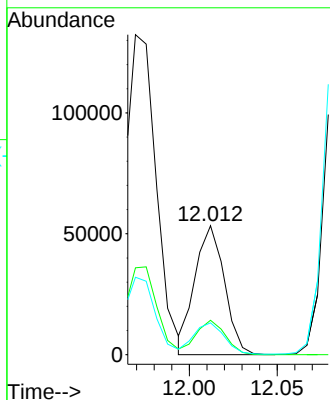
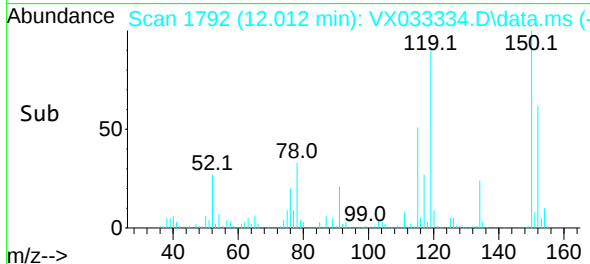
Instrument :
MSVOA_X
ClientSampleId :
MW-42



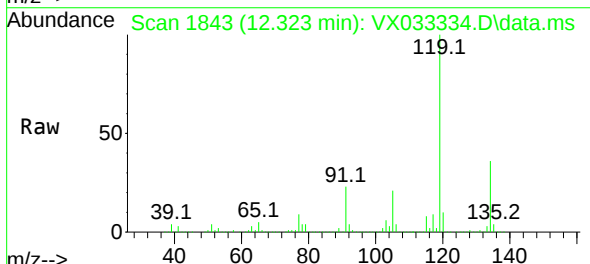
Tgt Ion:119 Resp: 62660
Ion Ratio Lower Upper
119 100
134 73.5 12.9 38.7
91 63.6 12.5 37.5

Manual Integrations
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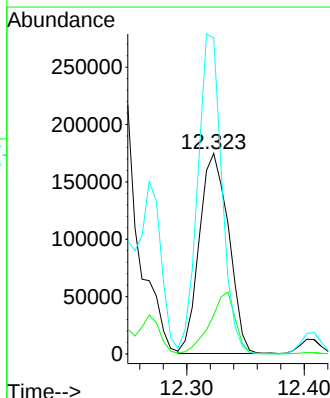
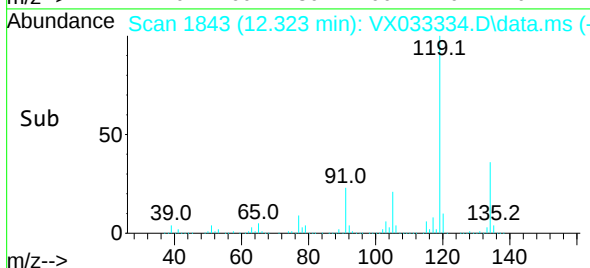
Reviewed By :John Carbone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

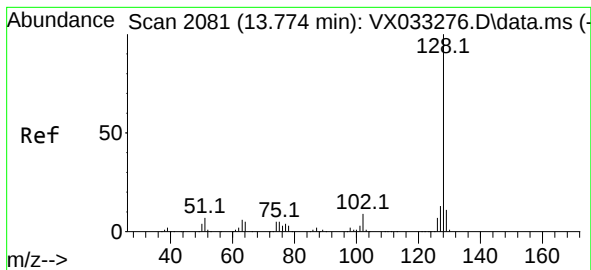


#89
n-Butylbenzene
Concen: 51.852 ug/l
RT: 12.323 min Scan# 1843
Delta R.T. -0.012 min
Lab File: VX033334.D
Acq: 08 Dec 2022 19:22



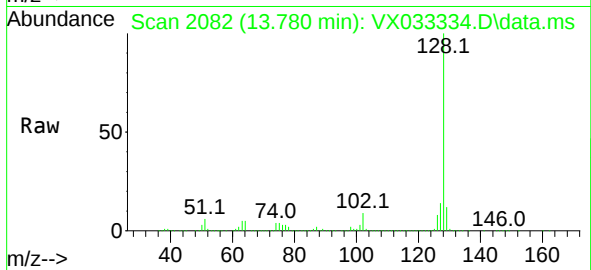
Tgt Ion: 91 Resp: 303033
Ion Ratio Lower Upper
91 100
92 26.8 26.2 78.6
134 130.9 12.9 38.6





#95
Naphthalene
Concen: 523.572 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX033334.D
Acq: 08 Dec 2022 19:22

Instrument :
MSVOA_X
ClientSampleId :
MW-42



Tgt Ion:128 Resp: 4122190
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.4
129 11.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

