

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
 Data File : VX032647.D
 Acq On : 08 Nov 2022 12:34
 Operator : JC/MD
 Sample : N5497-06DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/09/2022
 Supervised By : Mahesh Dadoda 11/09/2022

Quant Time: Nov 09 04:37:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	111839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	184050	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	166688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78265	50.364	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.720%			
35) Dibromofluoromethane	5.385	113	61565	46.894	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.780%			
50) Toluene-d8	8.647	98	225735	49.448	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.900%			
62) 4-Bromofluorobenzene	11.079	95	88725	49.756	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.520%			
Target Compounds					Qvalue	
16) Acetone	2.380	43	4943	8.752	ug/l	90
19) Methyl tert-butyl Ether	3.117	73	1738	0.441	ug/l #	1
20) Methylene Chloride	2.794	84	1028	0.794	ug/l #	73
25) 2-Butanone	4.568	43	2294m	2.622	ug/l	
31) Cyclohexane	5.464	56	2875	1.526	ug/l #	92
39) Methylcyclohexane	7.385	83	1812	0.838	ug/l #	81
40) Benzene	6.038	78	118683	22.941	ug/l	99
52) Toluene	8.720	92	80369	23.811	ug/l	98
67) Ethyl Benzene	10.195	91	309557	46.361	ug/l	100
68) m/p-Xylenes	10.305	106	88993	34.324	ug/l	99
69) o-Xylene	10.640	106	118830	47.139	ug/l	100
73) Isopropylbenzene	10.963	105	9587	1.512	ug/l	98
78) n-propylbenzene	11.305	91	19295	2.642	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	65656	12.120	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	195766	36.333	ug/l	98
86) p-Isopropyltoluene	12.006	119	1346	0.244	ug/l #	72
95) Naphthalene	13.774	128	81304	12.947	ug/l	99

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

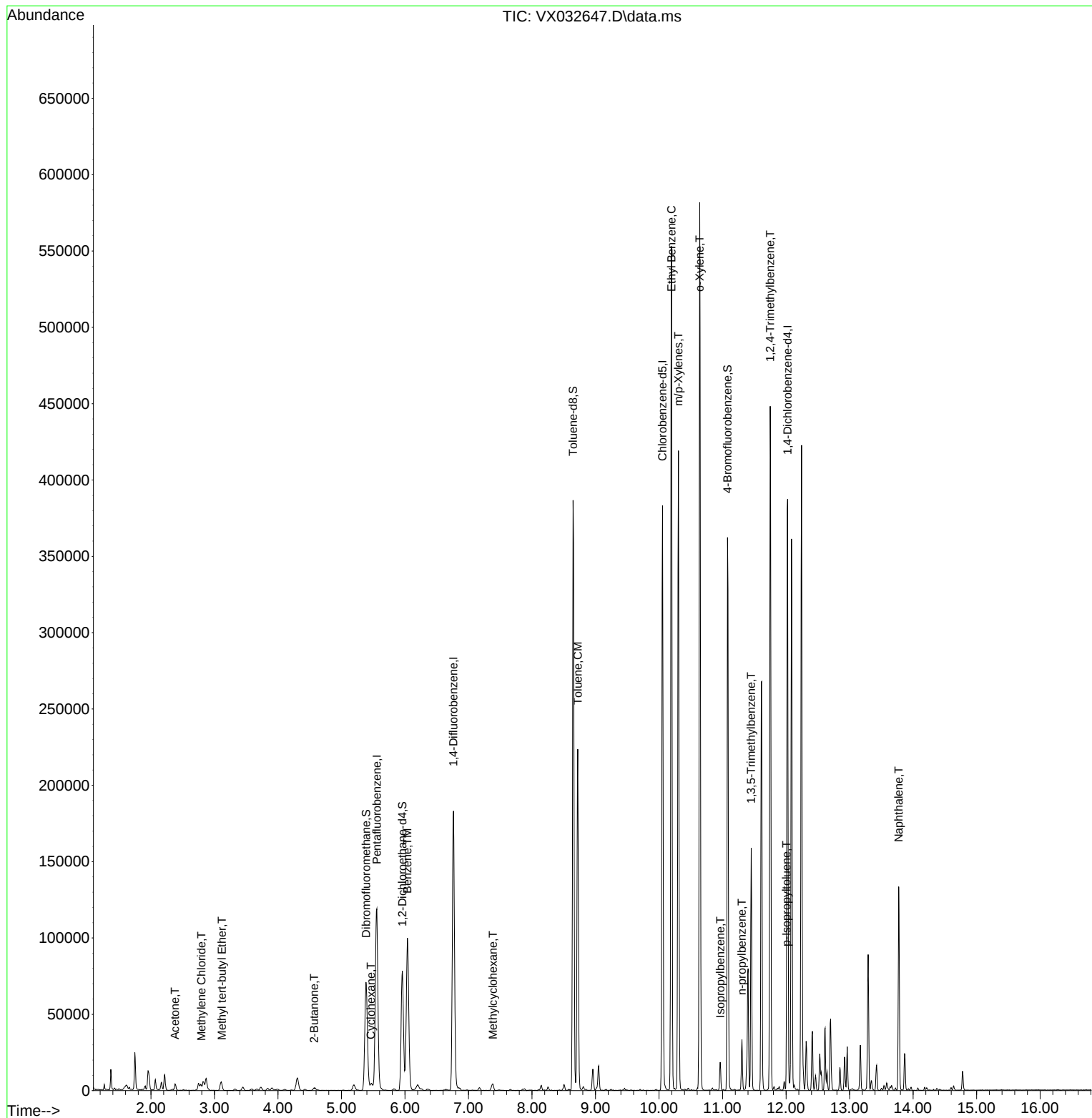
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
Data File : VX032647.D
Acq On : 08 Nov 2022 12:34
Operator : JC/MD
Sample : N5497-06DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

Quant Time: Nov 09 04:37:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

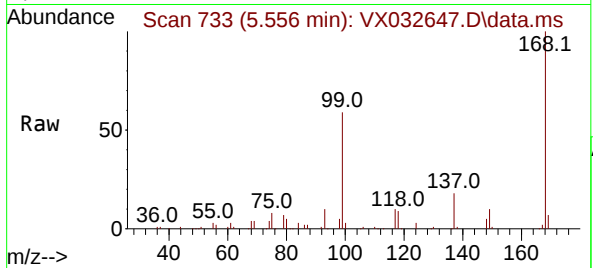
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032647.D
Acq: 08 Nov 2022 12:34

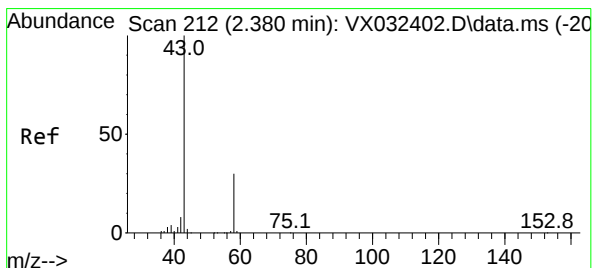
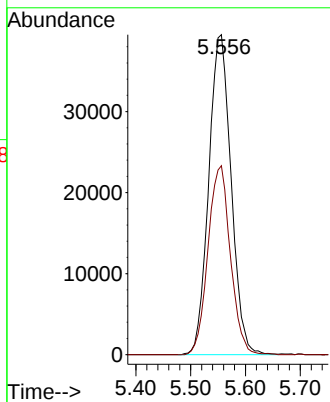
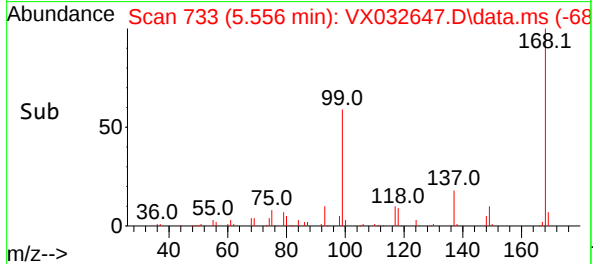
Instrument :
MSVOA_X
ClientSampleId :
MW-12DL



Tgt Ion:168 Resp: 111839
Ion Ratio Lower Upper
168 100
99 59.1 46.1 69.1

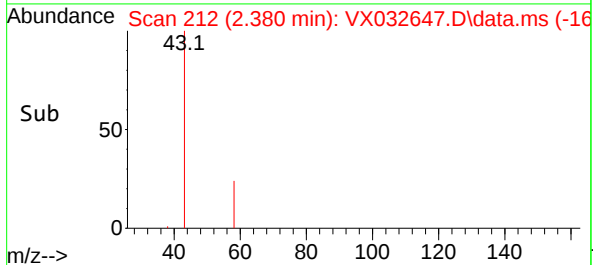
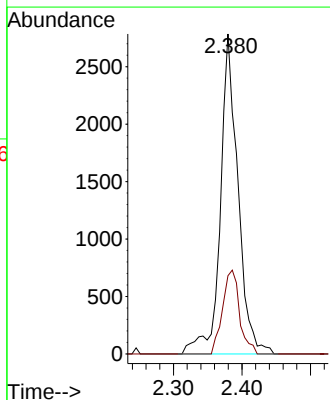
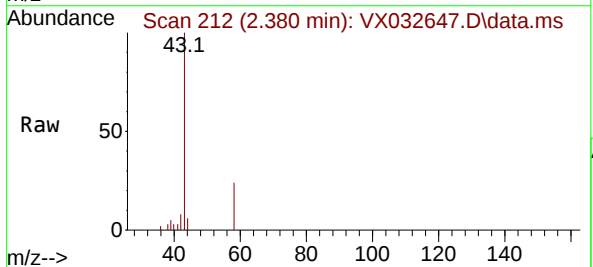
Manual Integrations
APPROVED

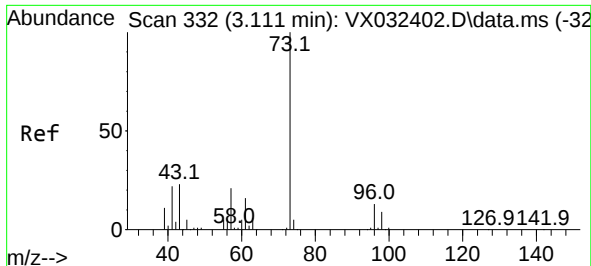
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#16
Acetone
Concen: 8.752 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX032647.D
Acq: 08 Nov 2022 12:34

Tgt Ion: 43 Resp: 4943
Ion Ratio Lower Upper
43 100
58 24.4 23.8 35.8





#19

Methyl tert-butyl Ether

Concen: 0.441 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX032647.D

Acq: 08 Nov 2022 12:34

Instrument :

MSVOA_X

ClientSampleId :

MW-12DL

Tgt Ion: 73 Resp: 1738

Ion Ratio Lower Upper

73 100

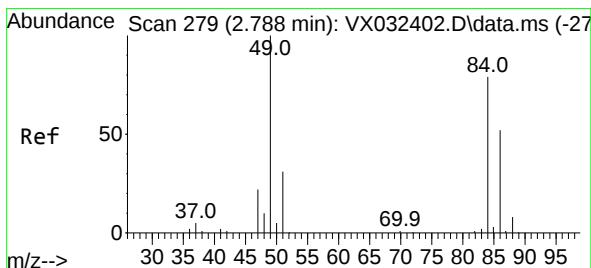
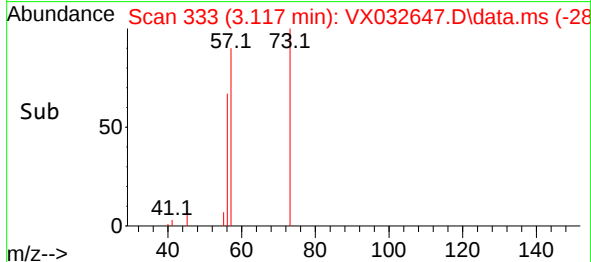
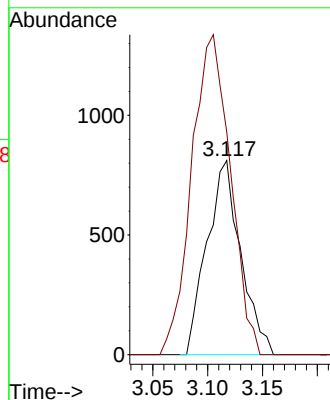
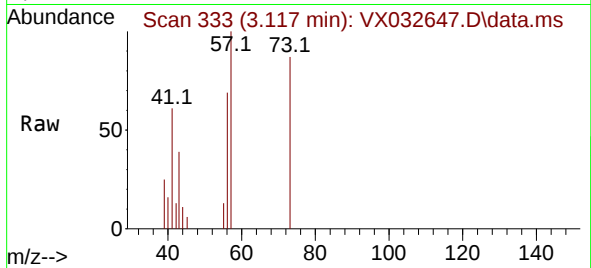
57 114.7 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2022

Supervised By :Mahesh Dadoda 11/09/2022



#20

Methylene Chloride

Concen: 0.794 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX032647.D

Acq: 08 Nov 2022 12:34

Tgt Ion: 84 Resp: 1028

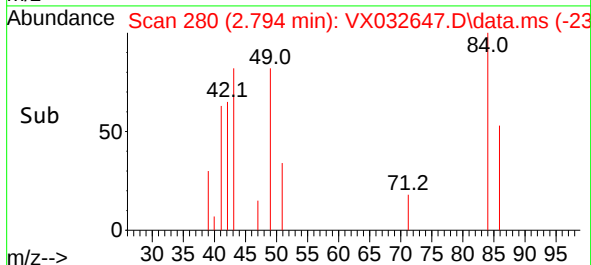
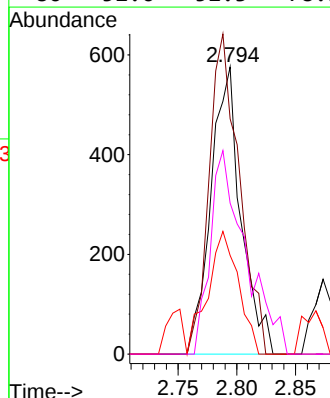
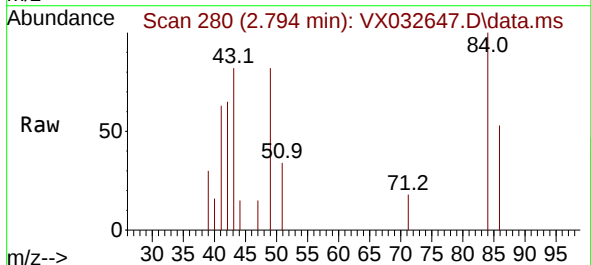
Ion Ratio Lower Upper

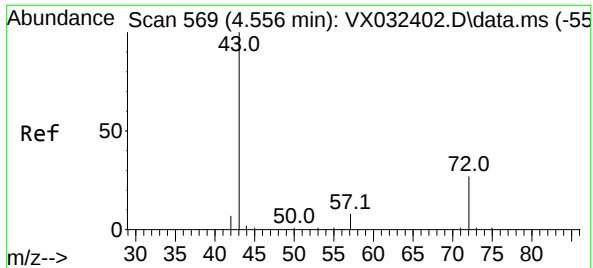
84 100

49 81.9 101.0 151.6

51 34.4 31.1 46.7

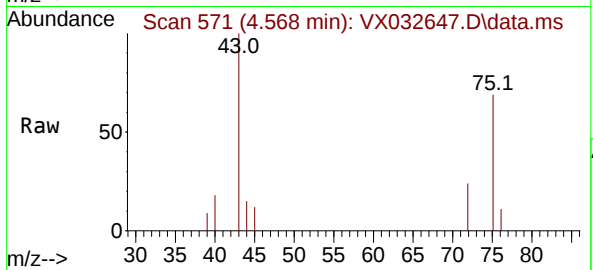
86 52.6 52.3 78.5





#25
2-Butanone
Concen: 2.622 ug/l m
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX032647.D
Acq: 08 Nov 2022 12:34

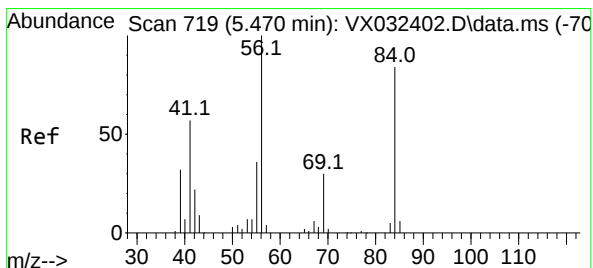
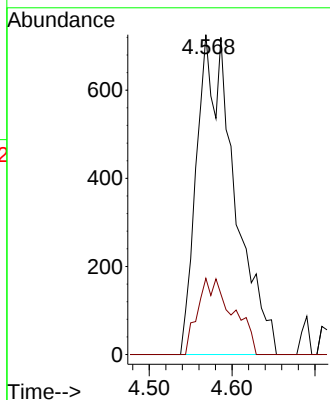
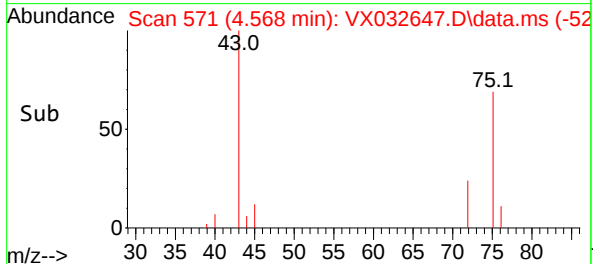
Instrument :
MSVOA_X
ClientSampleId :
MW-12DL



Tgt Ion: 43 Resp: 2294
Ion Ratio Lower Upper
43 100
72 23.8 22.2 33.2

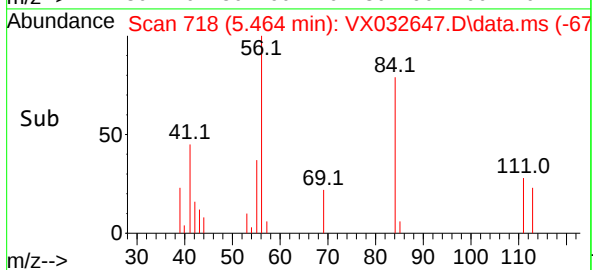
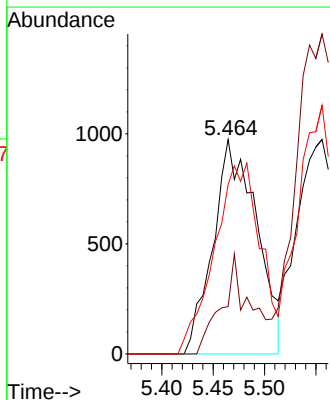
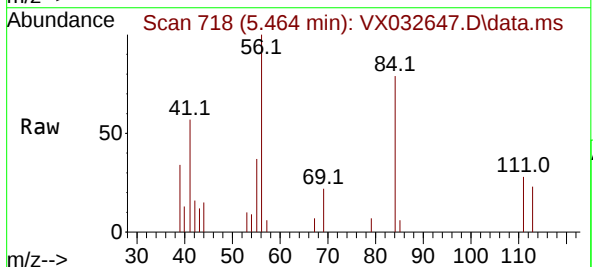
Manual Integrations
APPROVED

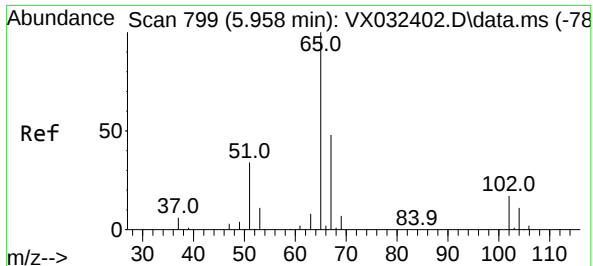
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#31
Cyclohexane
Concen: 1.526 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX032647.D
Acq: 08 Nov 2022 12:34

Tgt Ion: 56 Resp: 2875
Ion Ratio Lower Upper
56 100
69 22.1 24.1 36.1#
84 79.1 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 50.364 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032647.D

Acq: 08 Nov 2022 12:34

Instrument :

MSVOA_X

ClientSampleId :

MW-12DL

Tgt Ion: 65 Resp: 7826

Ion Ratio Lower Upper

65 100

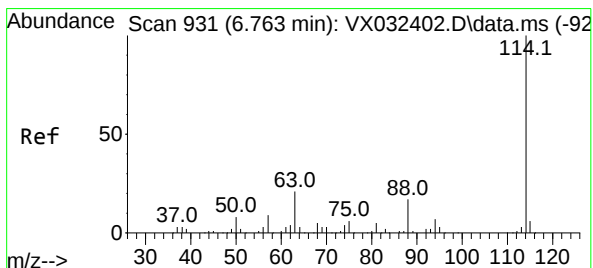
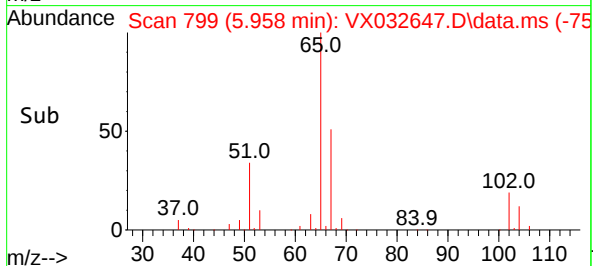
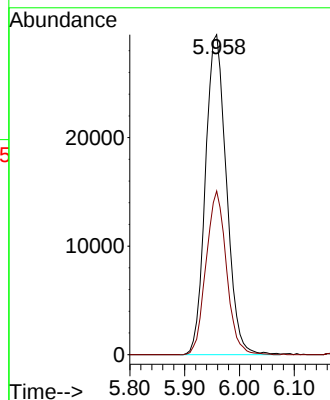
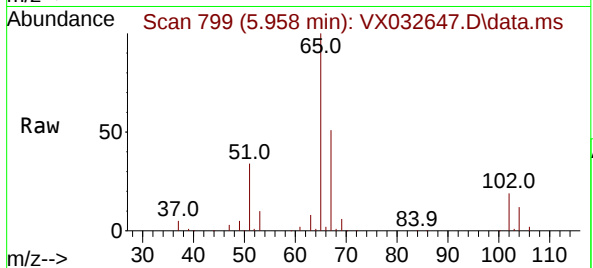
67 49.8 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2022

Supervised By :Mahesh Dadoda 11/09/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032647.D

Acq: 08 Nov 2022 12:34

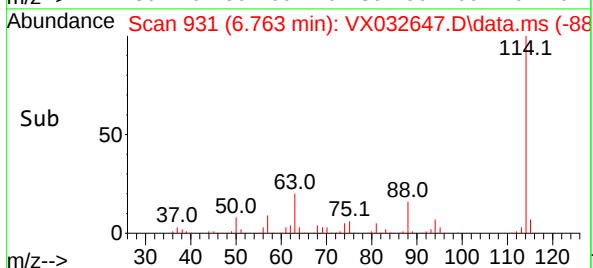
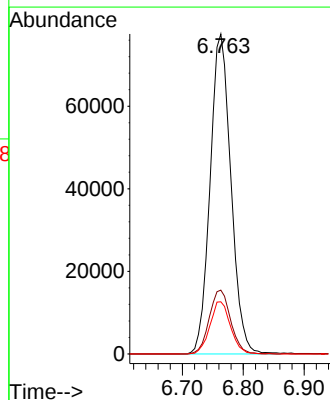
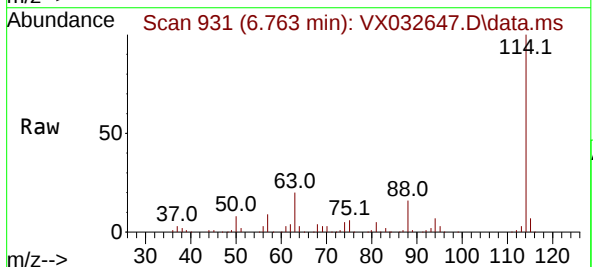
Tgt Ion:114 Resp: 184050

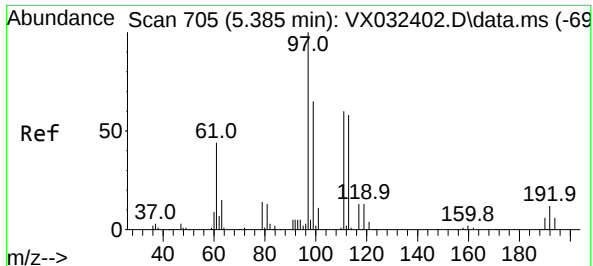
Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.6

88 16.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.894 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032647.D

Acq: 08 Nov 2022 12:34

Instrument :

MSVOA_X

ClientSampleId :

MW-12DL

Tgt Ion:113 Resp: 6156

Ion Ratio Lower Upper

113 100

111 100.3 82.4 123.6

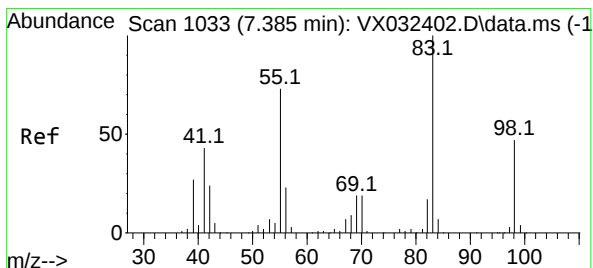
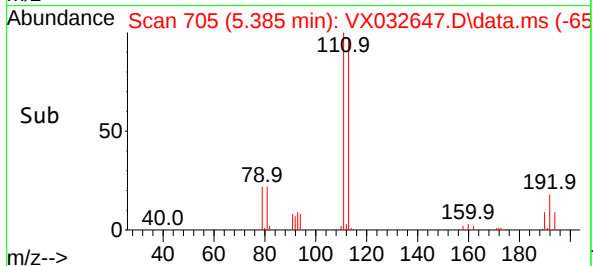
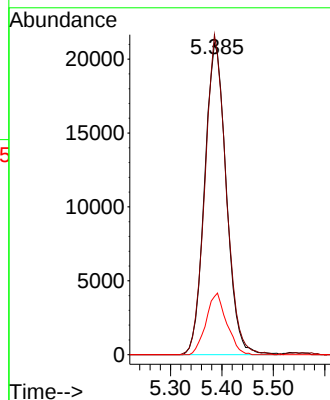
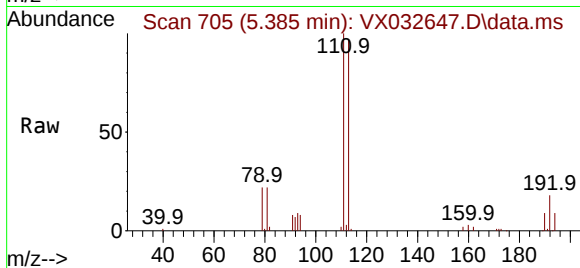
192 18.7 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2022

Supervised By :Mahesh Dadoda 11/09/2022



#39

Methylcyclohexane

Concen: 0.838 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX032647.D

Acq: 08 Nov 2022 12:34

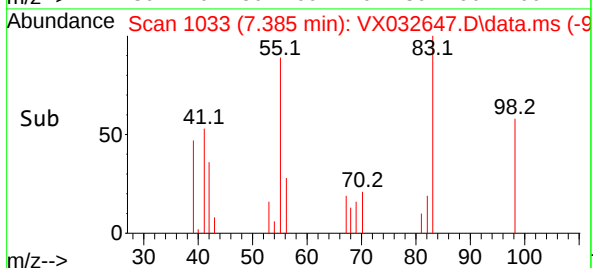
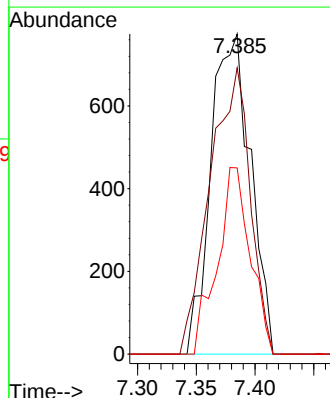
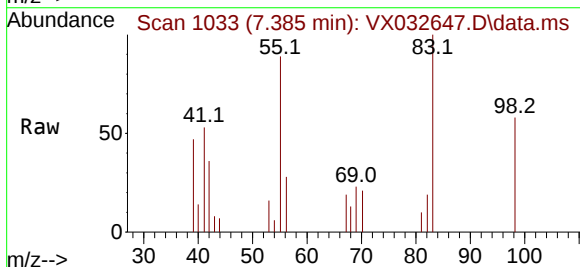
Tgt Ion: 83 Resp: 1812

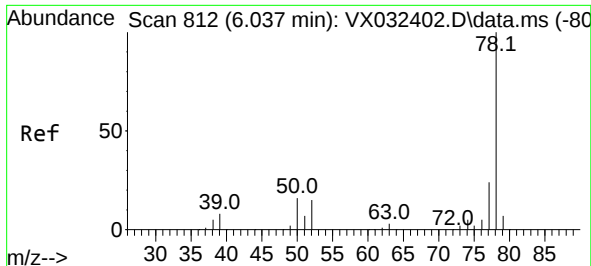
Ion Ratio Lower Upper

83 100

55 89.4 58.4 87.6#

98 58.1 37.2 55.8#





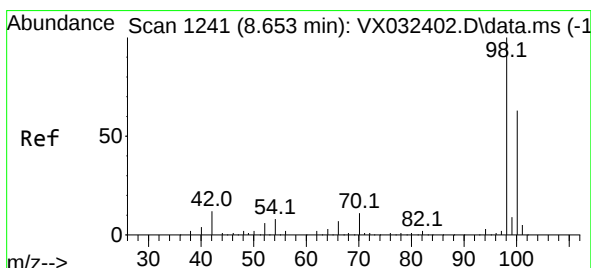
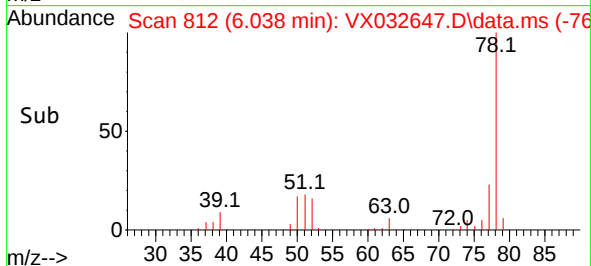
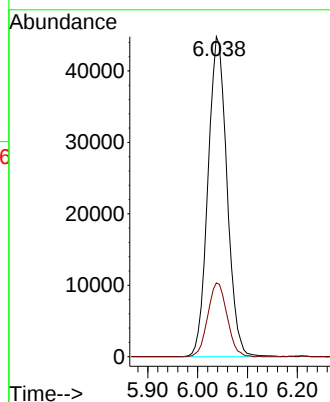
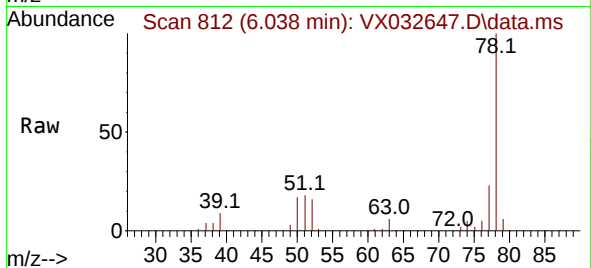
#40
Benzene
Concen: 22.941 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX032647.D
Acq: 08 Nov 2022 12:34

Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

Tgt Ion: 78 Resp: 11868
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4

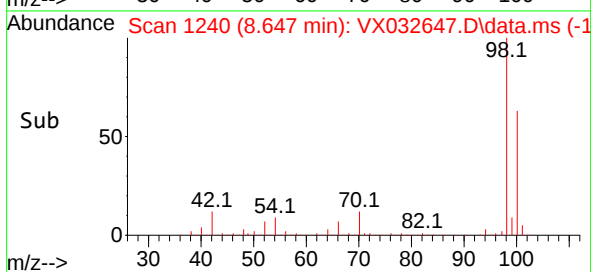
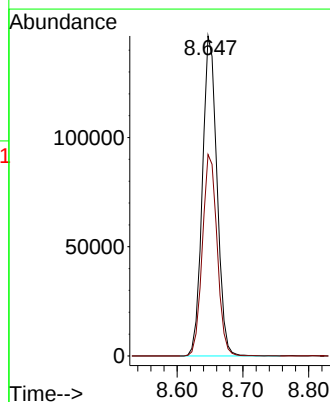
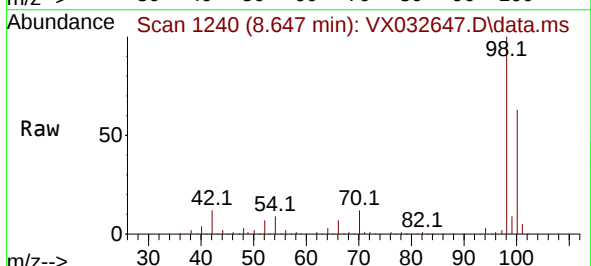
Manual Integrations
APPROVED

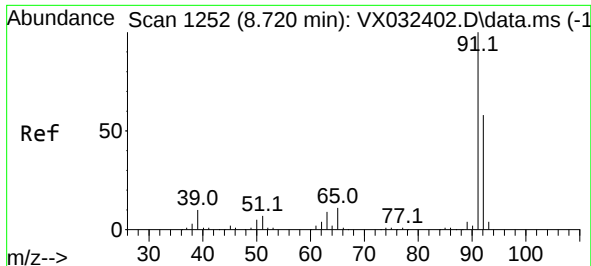
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#50
Toluene-d8
Concen: 49.448 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032647.D
Acq: 08 Nov 2022 12:34

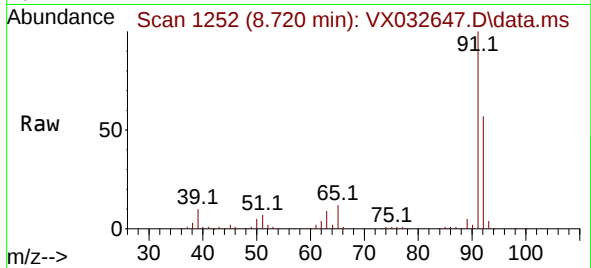
Tgt Ion: 98 Resp: 225735
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3





#52
Toluene
Concen: 23.811 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032647.D
Acq: 08 Nov 2022 12:34

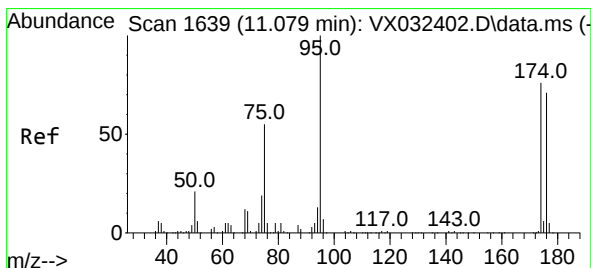
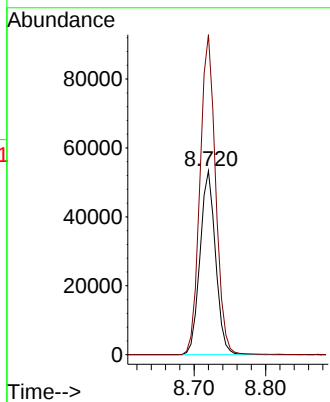
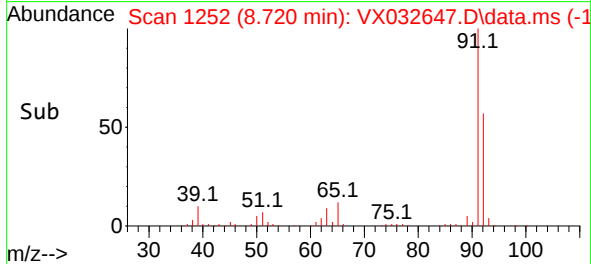
Instrument :
MSVOA_X
ClientSampleId :
MW-12DL



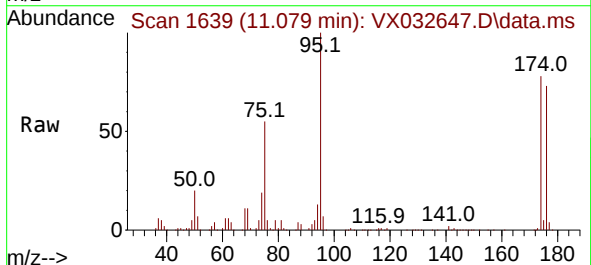
Tgt Ion: 92 Resp: 80369
Ion Ratio Lower Upper
92 100
91 175.4 138.3 207.5

Manual Integrations
APPROVED

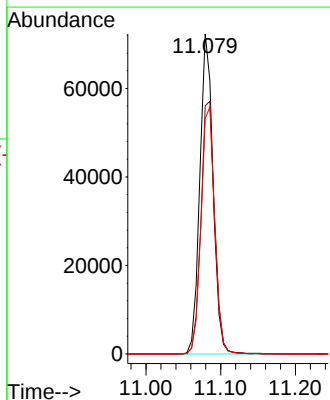
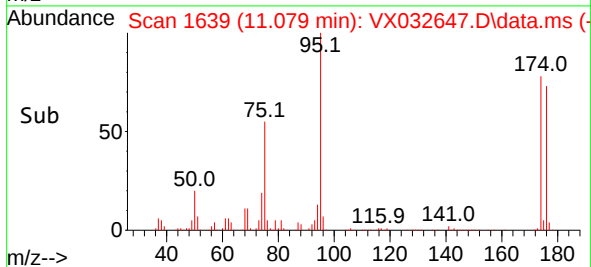
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

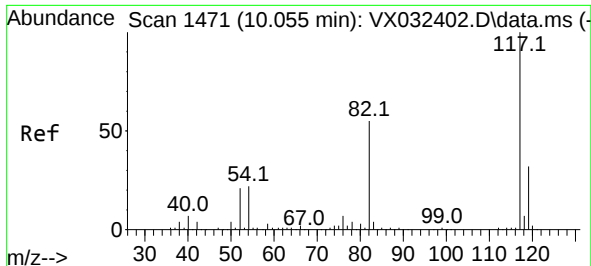


#62
4-Bromofluorobenzene
Concen: 49.756 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032647.D
Acq: 08 Nov 2022 12:34



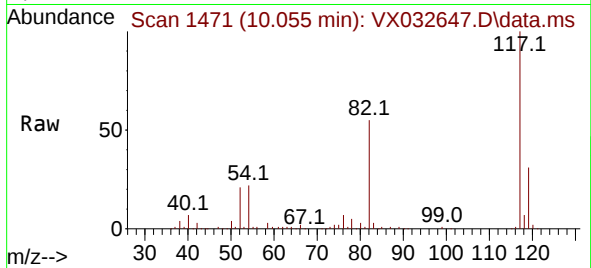
Tgt Ion: 95 Resp: 88725
Ion Ratio Lower Upper
95 100
174 82.0 0.0 164.0
176 79.8 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032647.D
Acq: 08 Nov 2022 12:34

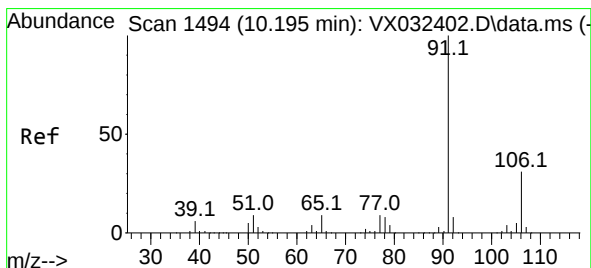
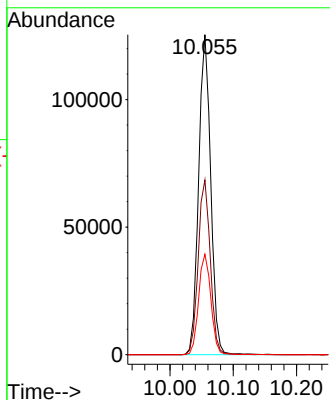
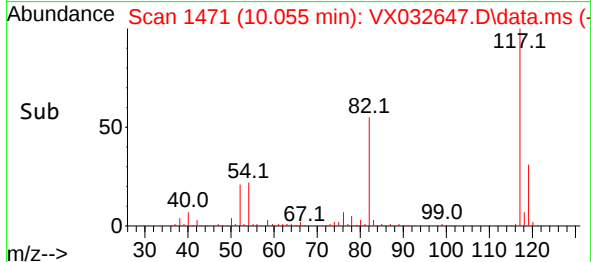
Instrument :
MSVOA_X
ClientSampleId :
MW-12DL



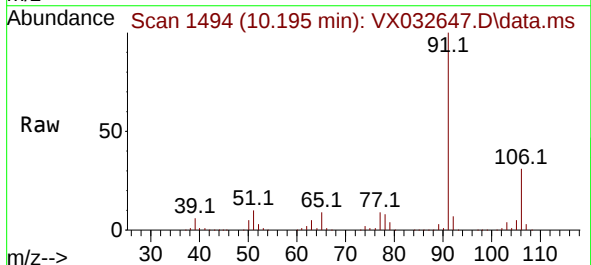
Tgt Ion:117 Resp: 166688
Ion Ratio Lower Upper
117 100
82 54.6 44.3 66.5
119 31.4 25.7 38.5

Manual Integrations
APPROVED

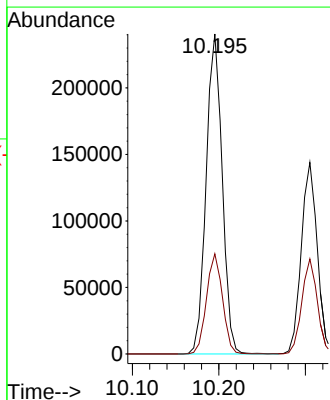
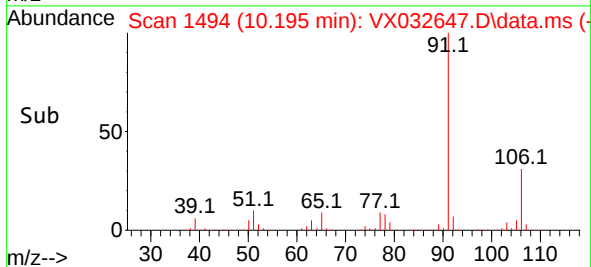
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

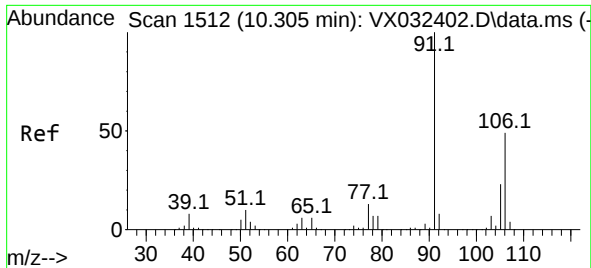


#67
Ethyl Benzene
Concen: 46.361 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032647.D
Acq: 08 Nov 2022 12:34



Tgt Ion: 91 Resp: 309557
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6





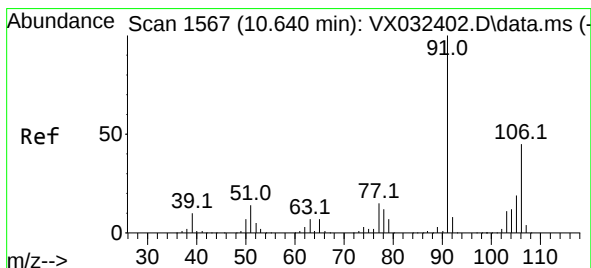
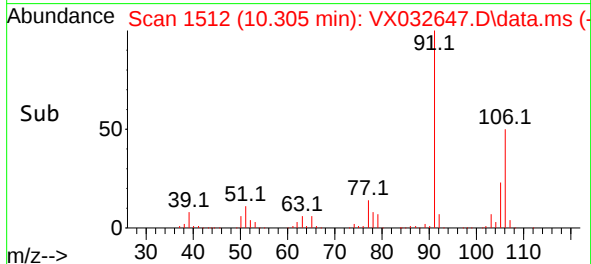
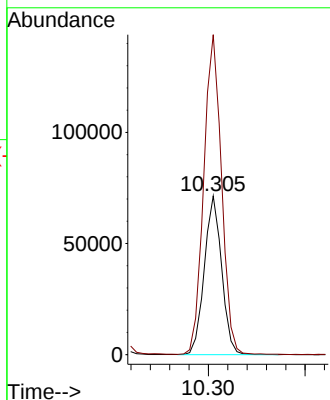
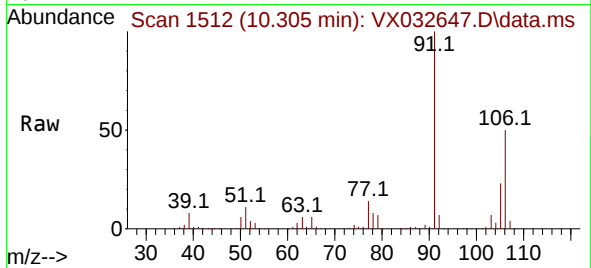
#68
m/p-Xylenes
Concen: 34.324 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX032647.D
Acq: 08 Nov 2022 12:34

Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

Tgt Ion:106 Resp: 8899
Ion Ratio Lower Upper
106 100
91 207.4 164.5 246.7

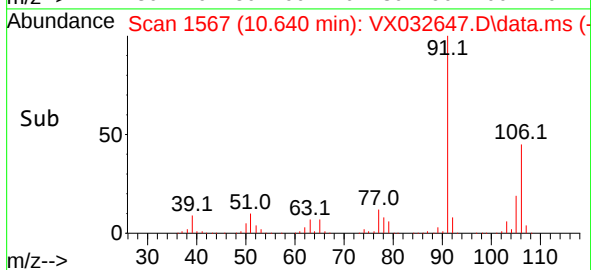
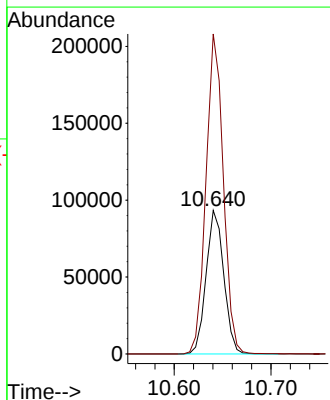
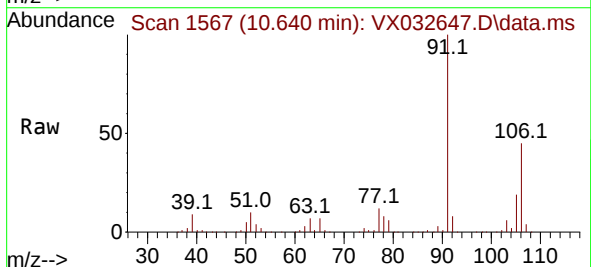
Manual Integrations
APPROVED

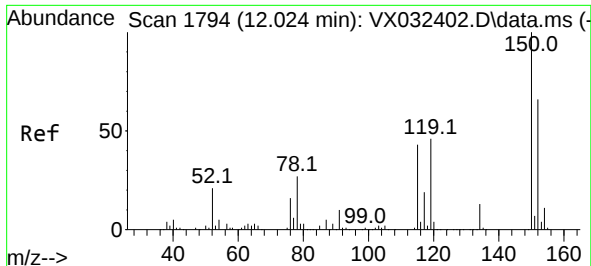
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#69
o-Xylene
Concen: 47.139 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032647.D
Acq: 08 Nov 2022 12:34

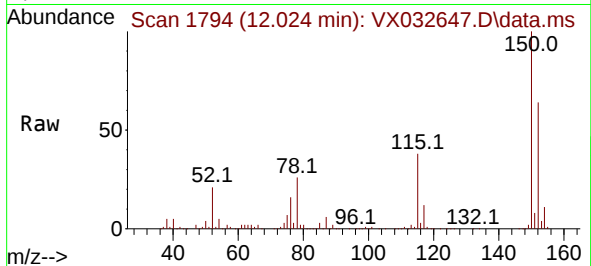
Tgt Ion:106 Resp: 118830
Ion Ratio Lower Upper
106 100
91 218.8 109.2 327.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032647.D
Acq: 08 Nov 2022 12:34

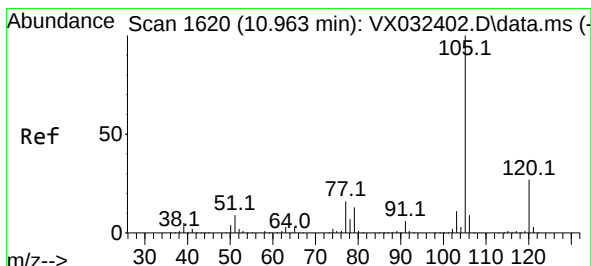
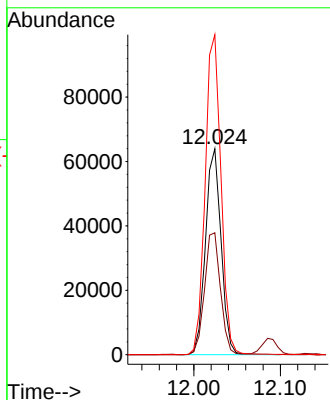
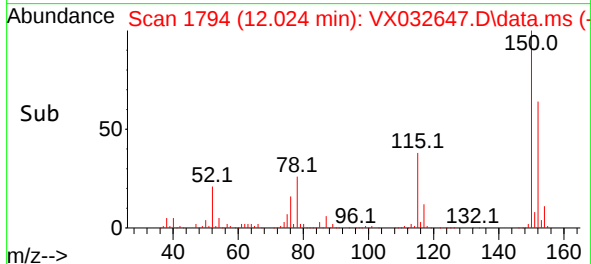
Instrument :
MSVOA_X
ClientSampleId :
MW-12DL



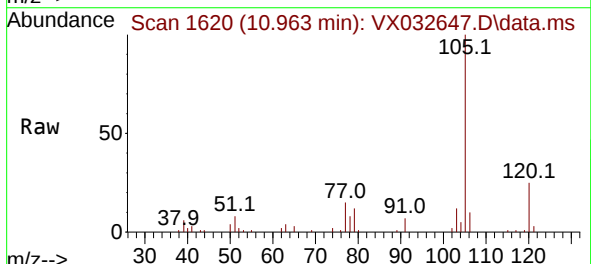
Tgt Ion:152 Resp: 79990
Ion Ratio Lower Upper
152 100
115 60.5 44.0 132.0
150 157.1 0.0 351.8

Manual Integrations
APPROVED

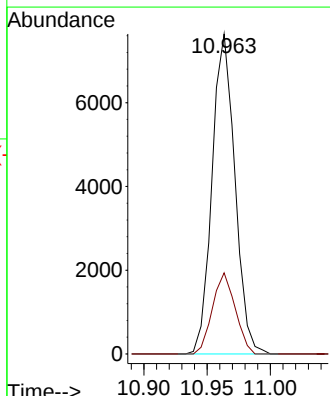
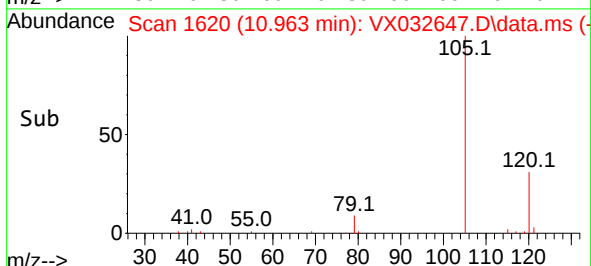
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

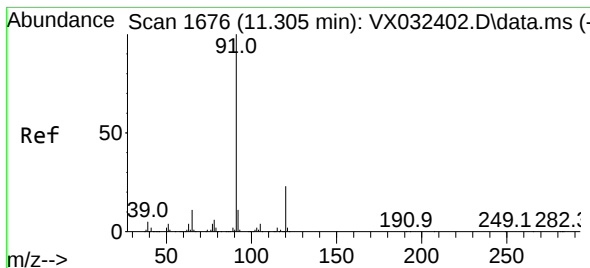


#73
Isopropylbenzene
Concen: 1.512 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032647.D
Acq: 08 Nov 2022 12:34



Tgt Ion:105 Resp: 9587
Ion Ratio Lower Upper
105 100
120 25.2 13.1 39.3





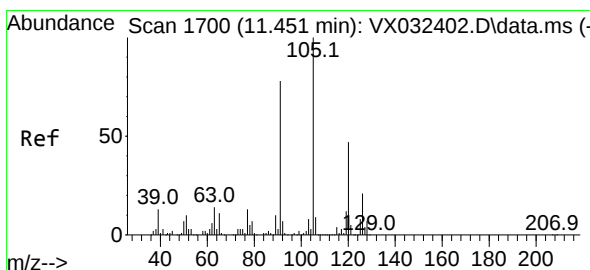
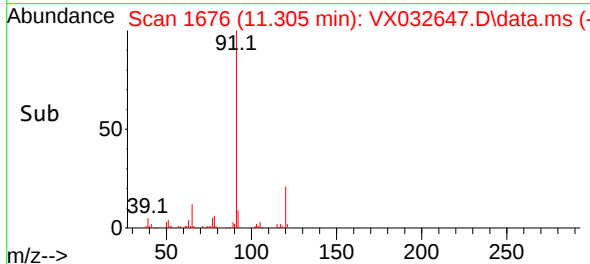
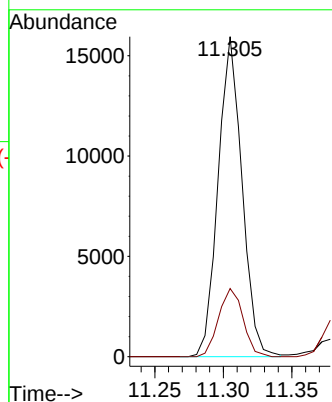
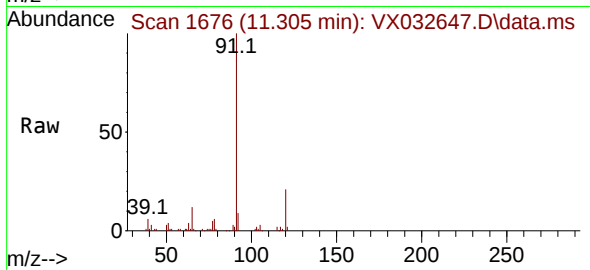
#78
n-propylbenzene
Concen: 2.642 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX032647.D
Acq: 08 Nov 2022 12:34

Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

Tgt Ion: 91 Resp: 1929
Ion Ratio Lower Upper
91 100
120 21.8 11.6 34.8

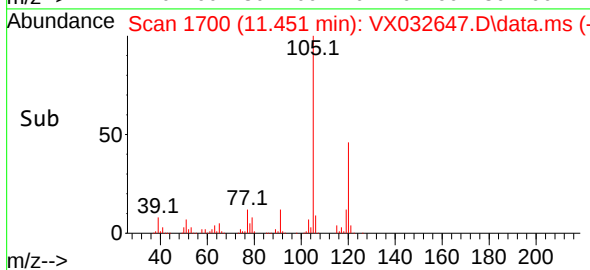
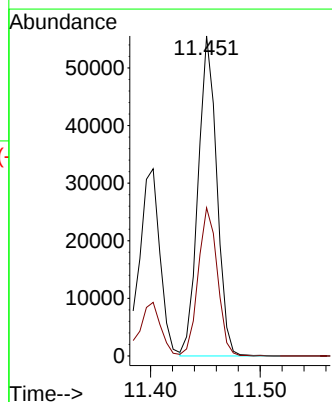
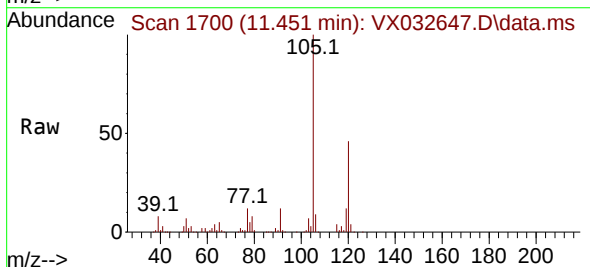
Manual Integrations
APPROVED

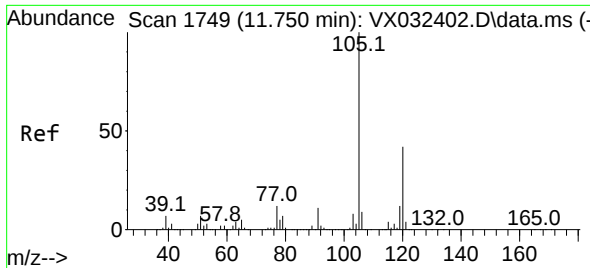
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#80
1,3,5-Trimethylbenzene
Concen: 12.120 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032647.D
Acq: 08 Nov 2022 12:34

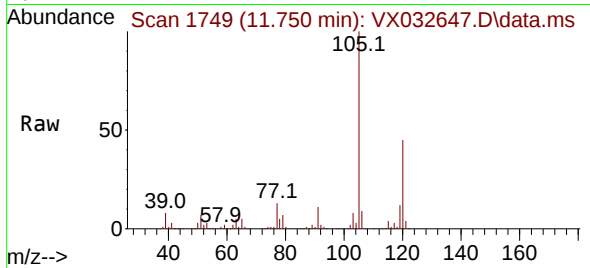
Tgt Ion:105 Resp: 65656
Ion Ratio Lower Upper
105 100
120 47.5 23.6 71.0





#84
1,2,4-Trimethylbenzene
Concen: 36.333 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX032647.D
Acq: 08 Nov 2022 12:34

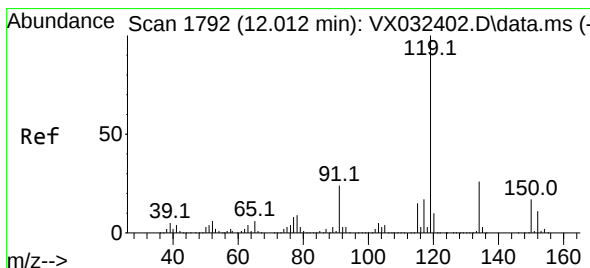
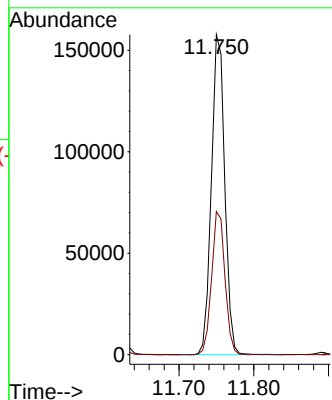
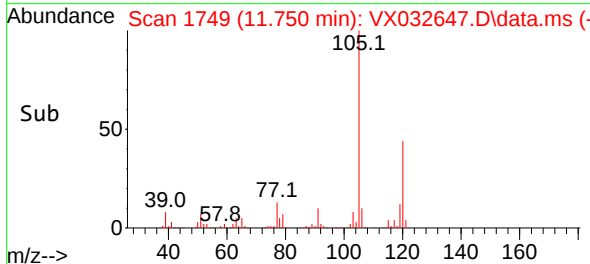
Instrument :
MSVOA_X
ClientSampleId :
MW-12DL



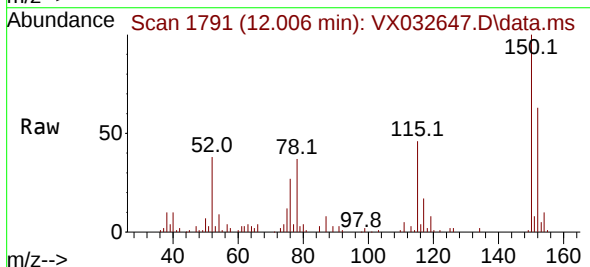
Tgt Ion:105 Resp: 195760
Ion Ratio Lower Upper
105 100
120 44.7 21.9 65.5

Manual Integrations
APPROVED

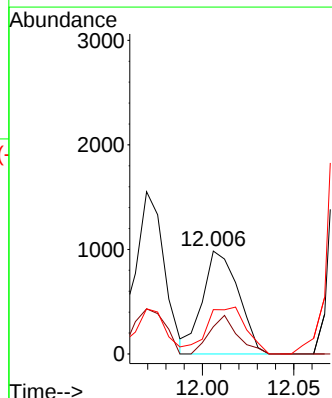
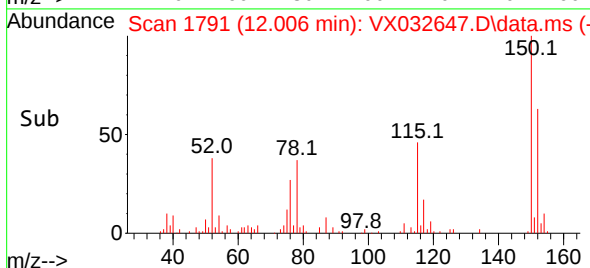
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

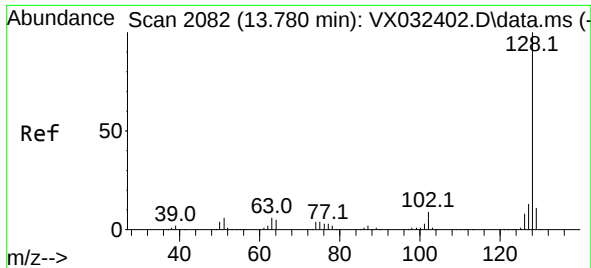


#86
p-Isopropyltoluene
Concen: 0.244 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VX032647.D
Acq: 08 Nov 2022 12:34



Tgt Ion:119 Resp: 1346
Ion Ratio Lower Upper
119 100
134 29.3 12.9 38.7
91 0.0 12.5 37.5#





#95

Naphthalene

Concen: 12.947 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX032647.D

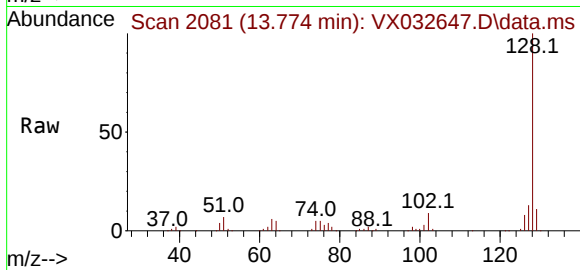
Acq: 08 Nov 2022 12:34

Instrument :

MSVOA_X

ClientSampleId :

MW-12DL



Tgt Ion:128 Resp: 81304

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.6 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2022

Supervised By :Mahesh Dadoda 11/09/2022

