

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101122\
 Data File : VX032038.D
 Acq On : 11 Oct 2022 15:45
 Operator : JC/MD
 Sample : N4937-05 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-112

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/12/2022
 Supervised By : Mahesh Dadoda 10/12/2022

Quant Time: Oct 12 05:13:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	73676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	110592	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75345	49.518	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.040%		
35) Dibromofluoromethane	5.385	113	58224	46.511	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.020%		
50) Toluene-d8	8.647	98	223643	49.648	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.300%		
62) 4-Bromofluorobenzene	11.079	95	75189	47.215	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.420%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.947	59	6453	34.087	ug/l #	73
16) Acetone	2.386	43	2967	5.738	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	14198	3.770	ug/l #	89
25) 2-Butanone	4.580	43	2650	3.278	ug/l	98
31) Cyclohexane	5.477	56	4629	2.547	ug/l	93
39) Methylcyclohexane	7.385	83	1819	0.919	ug/l	97
40) Benzene	6.037	78	428038	88.058	ug/l	100
42) 1,2-Dichloroethane	6.086	62	11392m	6.431	ug/l	
52) Toluene	8.720	92	211690	66.607	ug/l	100
67) Ethyl Benzene	10.195	91	101207	17.343	ug/l	98
68) m/p-Xylenes	10.299	106	175421	75.645	ug/l	98
69) o-Xylene	10.640	106	78414	34.788	ug/l	99
73) Isopropylbenzene	10.963	105	6763	1.278	ug/l	100
78) n-propylbenzene	11.305	91	16608	2.759	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	33352	7.599	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	113710	25.503	ug/l	98
95) Naphthalene	13.774	128	12161	2.370	ug/l	98

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

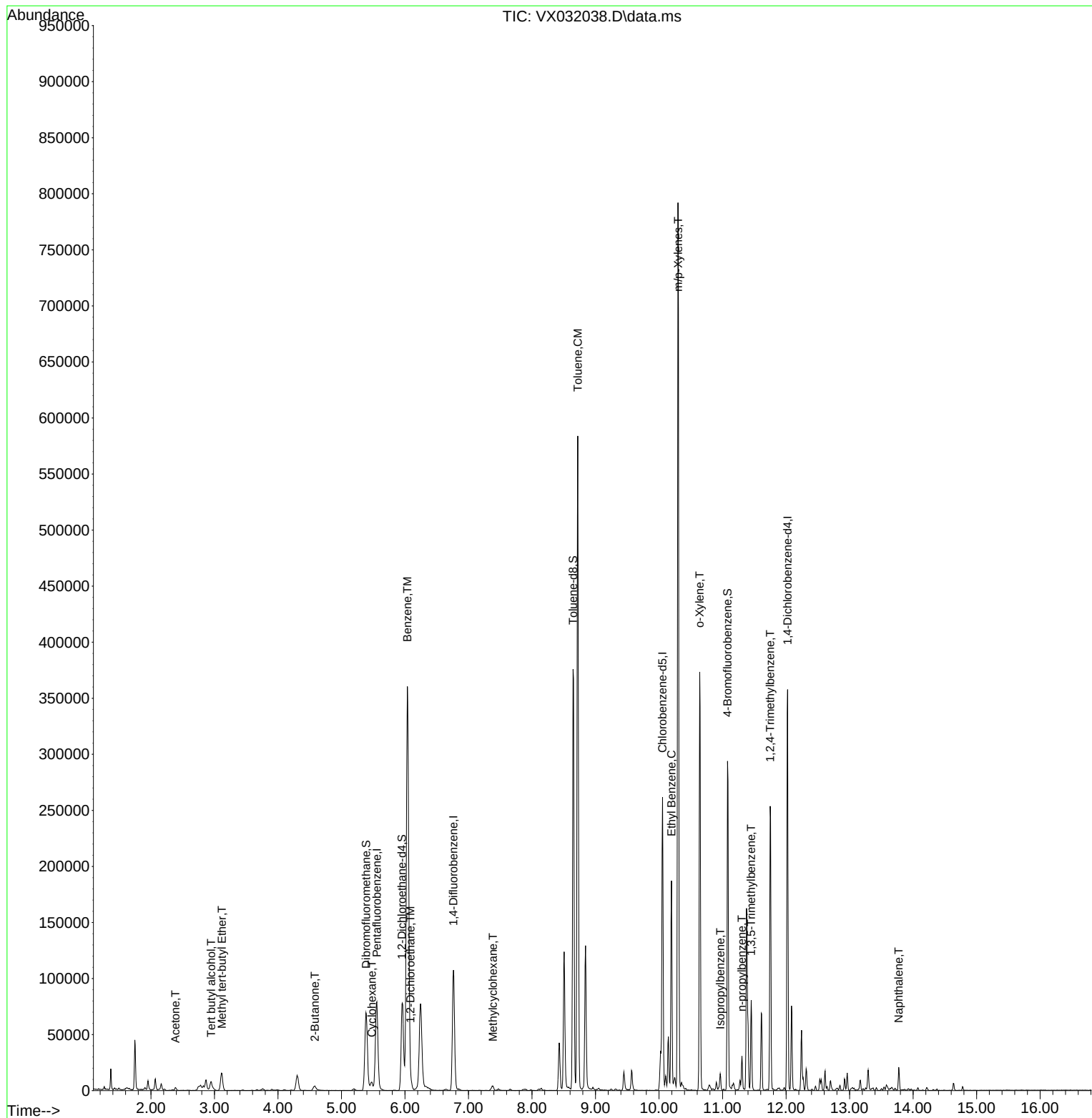
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101122\
Data File : VX032038.D
Acq On : 11 Oct 2022 15:45
Operator : JC/MD
Sample : N4937-05 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

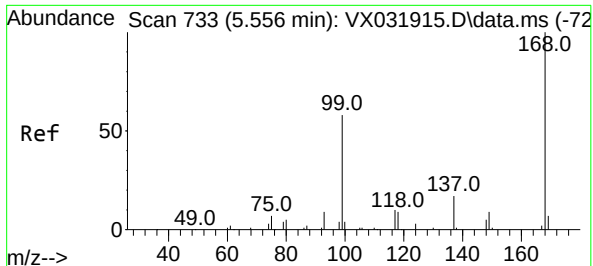
Instrument :
MSVOA_X
ClientSampleId :
MW-112

Quant Time: Oct 12 05:13:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 14:28:46 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

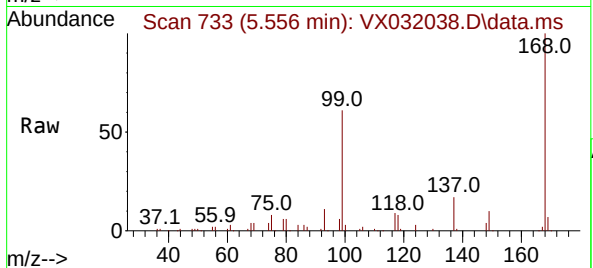
Reviewed By : John Carlone 10/12/2022
Supervised By : Mahesh Dadoda 10/12/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032038.D
Acq: 11 Oct 2022 15:45

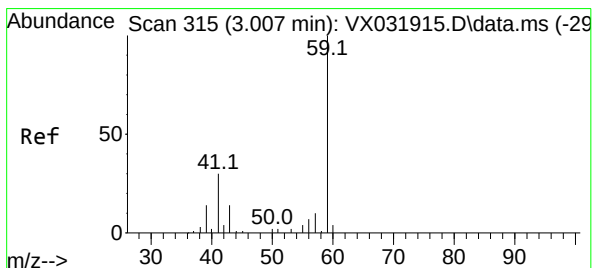
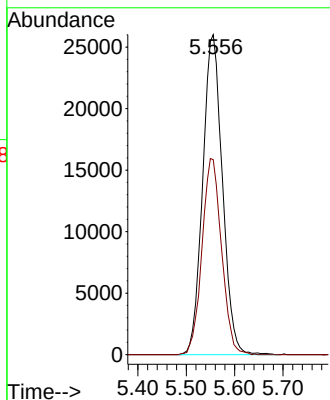
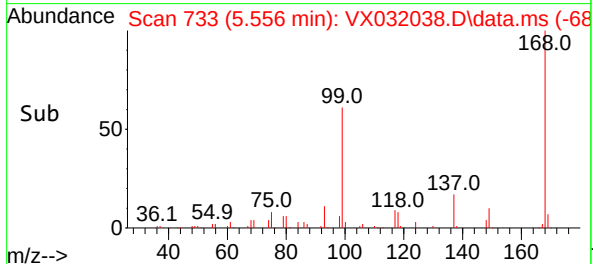
Instrument :
MSVOA_X
Client Sample Id :
MW-112



Tgt Ion: 168 Resp: 73670
Ion Ratio Lower Upper
168 100
99 60.9 48.8 73.2

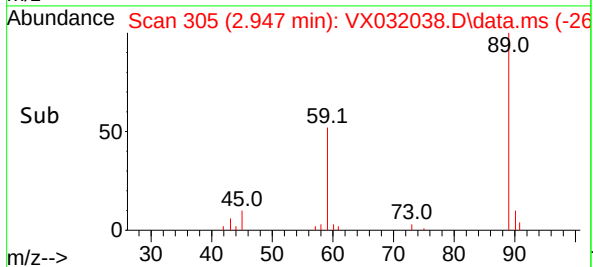
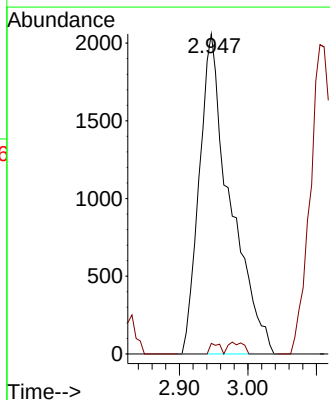
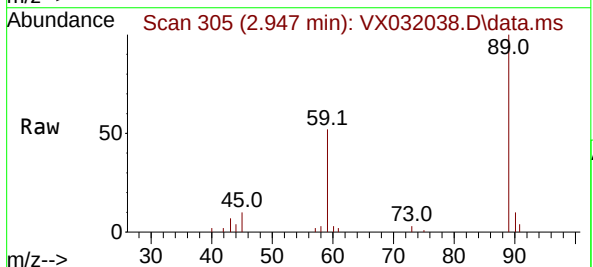
Manual Integrations
APPROVED

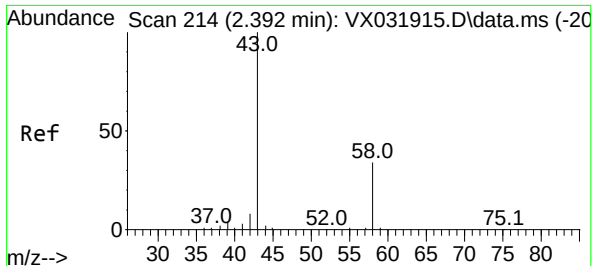
Reviewed By : John Carlone 10/12/2022
Supervised By : Mahesh Dadoda 10/12/2022



#11
Tert butyl alcohol
Concen: 34.087 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.060 min
Lab File: VX032038.D
Acq: 11 Oct 2022 15:45

Tgt Ion: 59 Resp: 6453
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





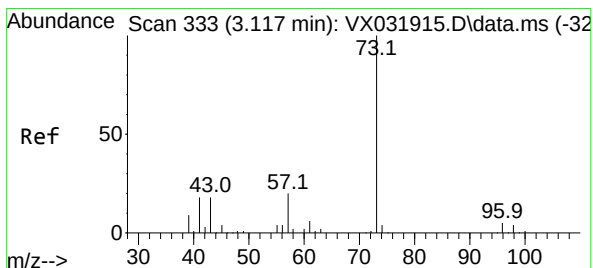
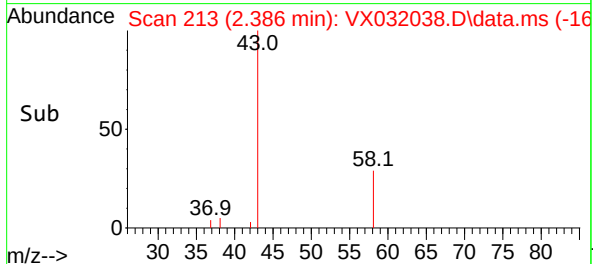
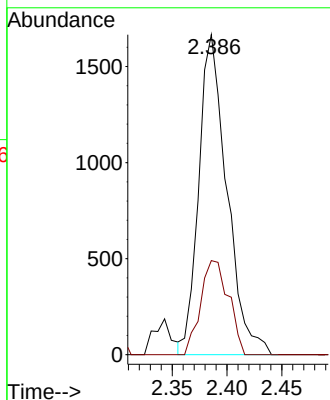
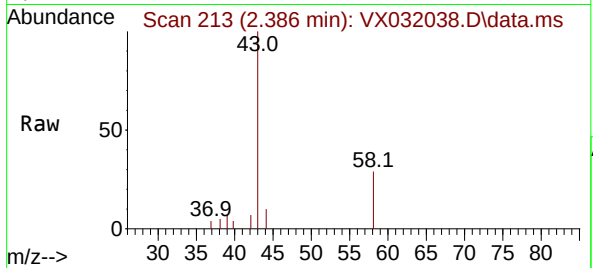
#16
Acetone
Concen: 5.738 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX032038.D
Acq: 11 Oct 2022 15:45

Instrument :
MSVOA_X
ClientSampleId :
MW-112

Tgt Ion: 43 Resp: 296
Ion Ratio Lower Upper
43 100
58 29.4 23.8 35.8

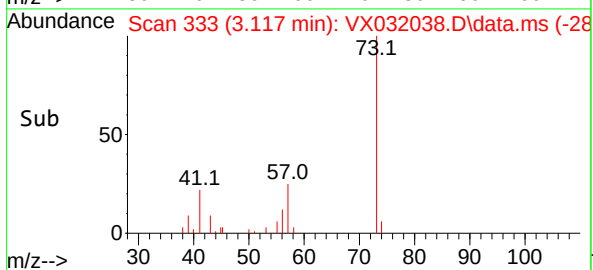
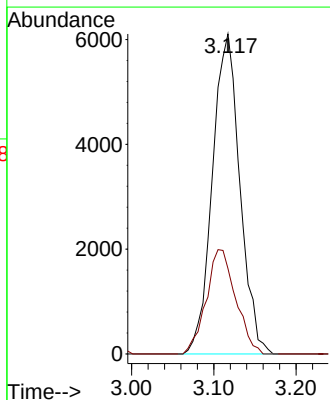
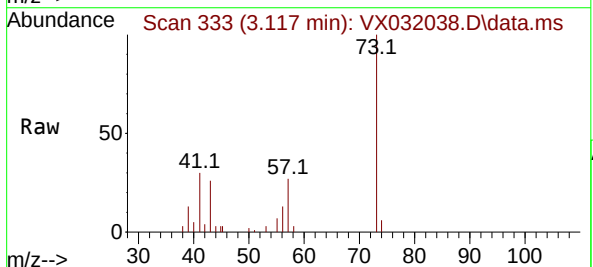
Manual Integrations
APPROVED

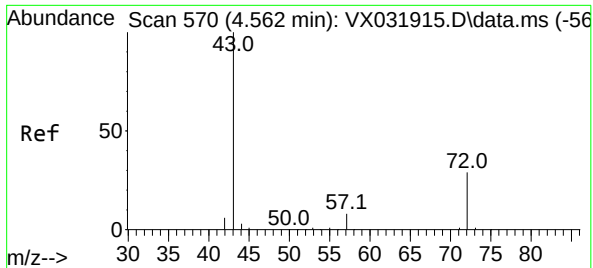
Reviewed By :John Carlone 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#19
Methyl tert-butyl Ether
Concen: 3.770 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX032038.D
Acq: 11 Oct 2022 15:45

Tgt Ion: 73 Resp: 14198
Ion Ratio Lower Upper
73 100
57 26.7 17.2 25.8#





#25

2-Butanone

Concen: 3.278 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX032038.D

Acq: 11 Oct 2022 15:45

Instrument :

MSVOA_X

ClientSampleId :

MW-112

Tgt Ion: 43 Resp: 2650

Ion Ratio Lower Upper

43 100

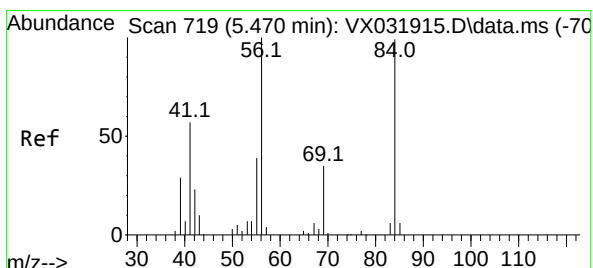
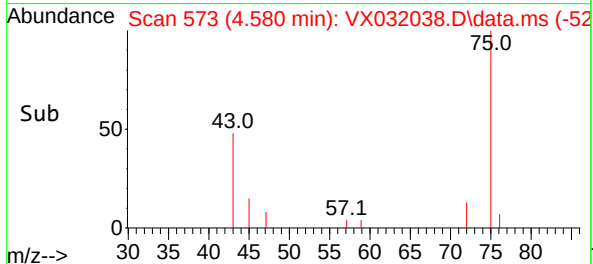
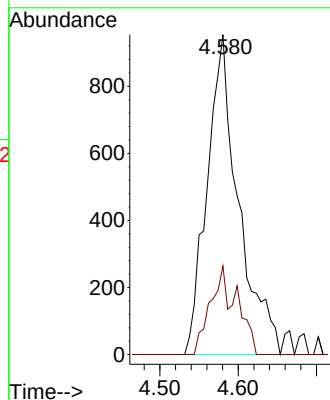
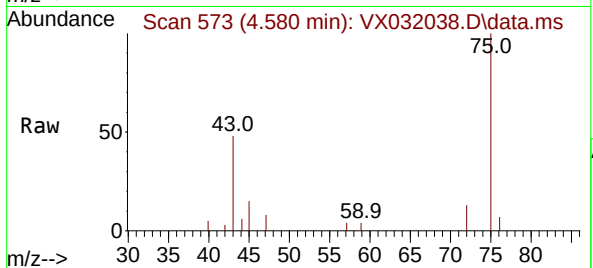
72 27.7 21.1 31.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2022

Supervised By :Mahesh Dadoda 10/12/2022



#31

Cyclohexane

Concen: 2.547 ug/l

RT: 5.477 min Scan# 720

Delta R.T. 0.007 min

Lab File: VX032038.D

Acq: 11 Oct 2022 15:45

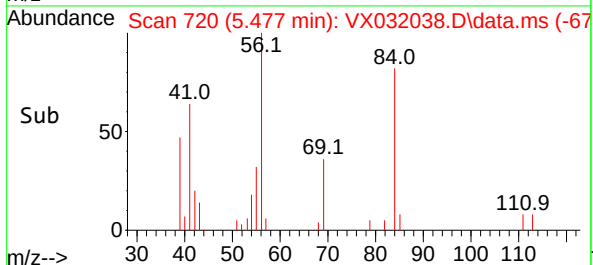
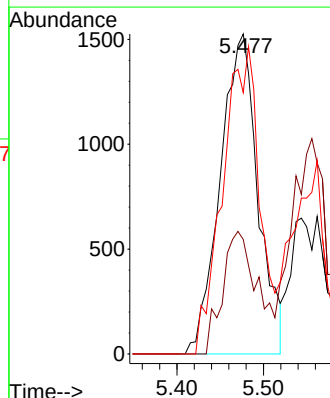
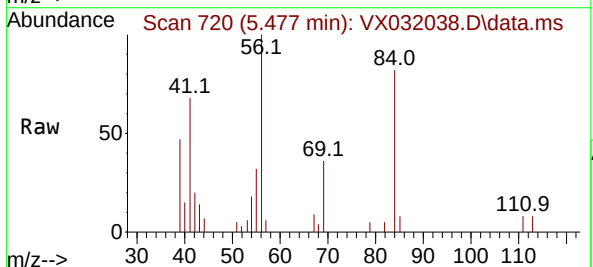
Tgt Ion: 56 Resp: 4629

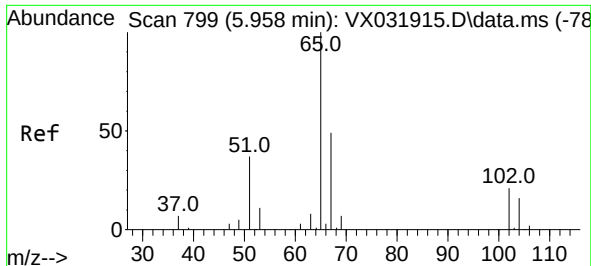
Ion Ratio Lower Upper

56 100

69 35.8 25.1 37.7

84 81.7 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 49.518 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032038.D

Acq: 11 Oct 2022 15:45

Instrument :

MSVOA_X

ClientSampleId :

MW-112

Tgt Ion: 65 Resp: 7534

Ion Ratio Lower Upper

65 100

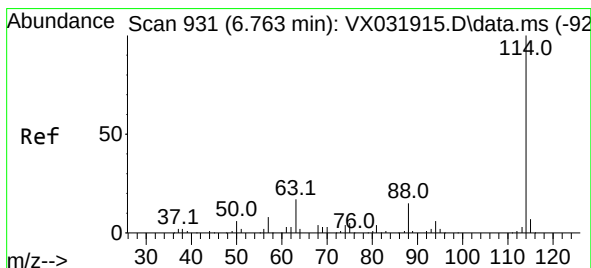
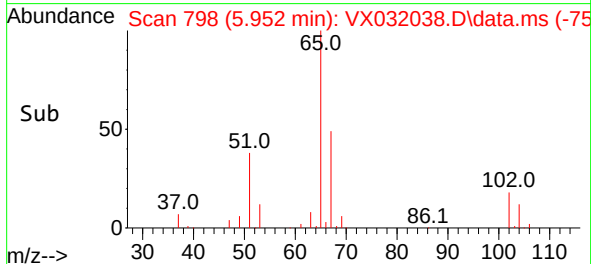
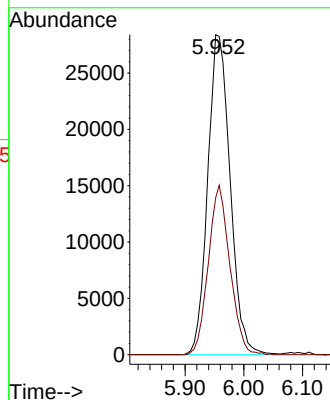
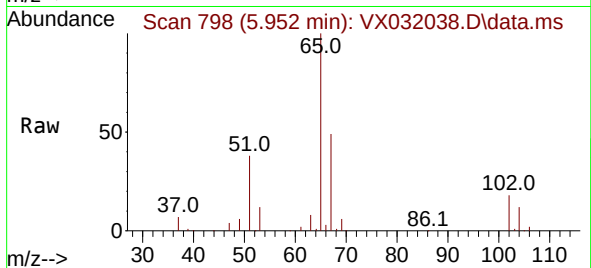
67 50.8 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2022

Supervised By :Mahesh Dadoda 10/12/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032038.D

Acq: 11 Oct 2022 15:45

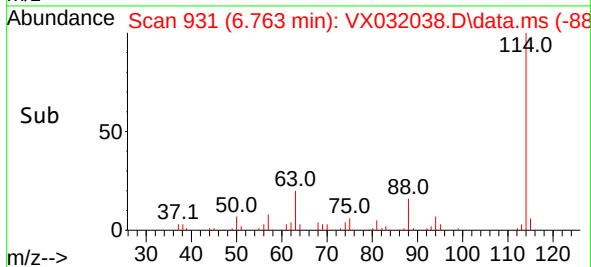
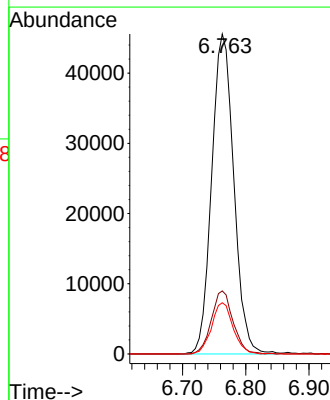
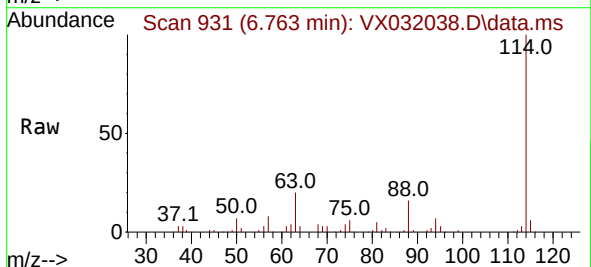
Tgt Ion:114 Resp: 110592

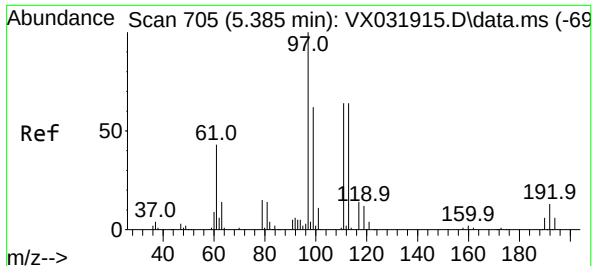
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.6

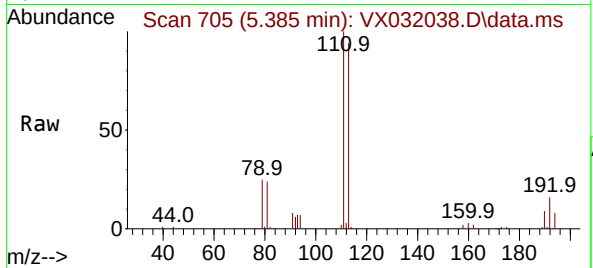
88 16.0 0.0 33.0





#35
Dibromofluoromethane
Concen: 46.511 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032038.D
Acq: 11 Oct 2022 15:45

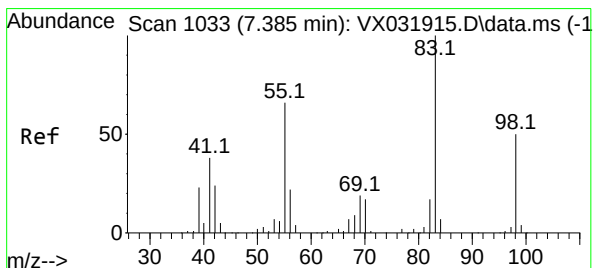
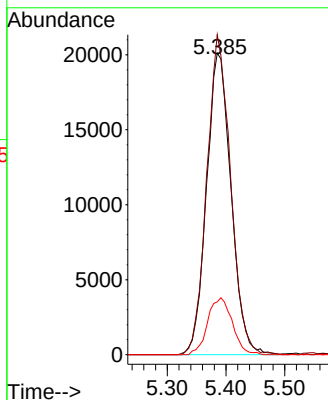
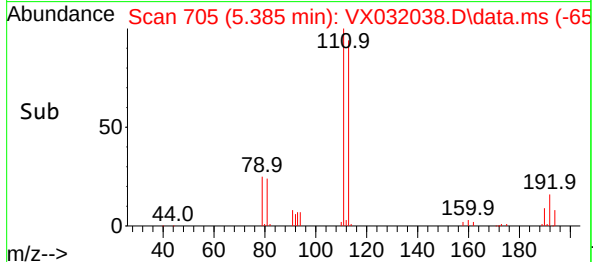
Instrument :
MSVOA_X
ClientSampleId :
MW-112



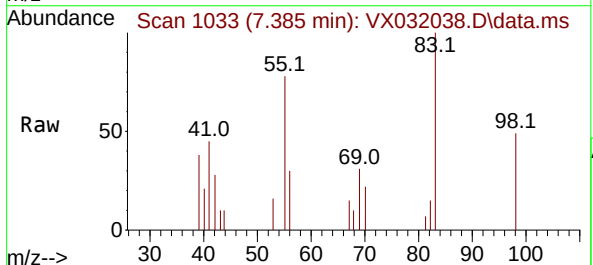
Tgt Ion: 113 Resp: 58224
Ion Ratio Lower Upper
113 100
111 103.3 82.4 123.6
192 19.0 14.1 21.1

Manual Integrations
APPROVED

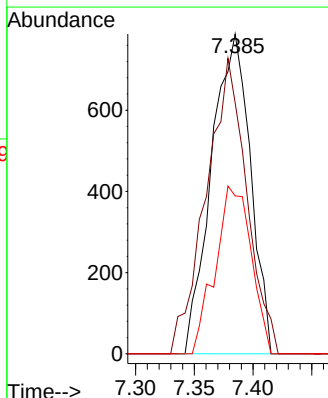
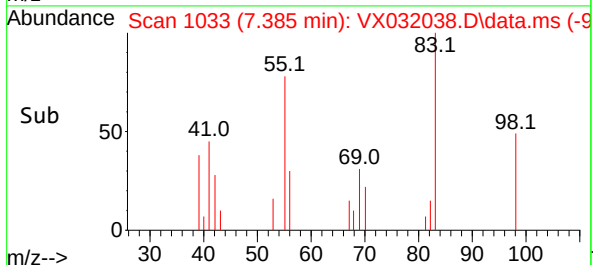
Reviewed By :John Carlone 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022

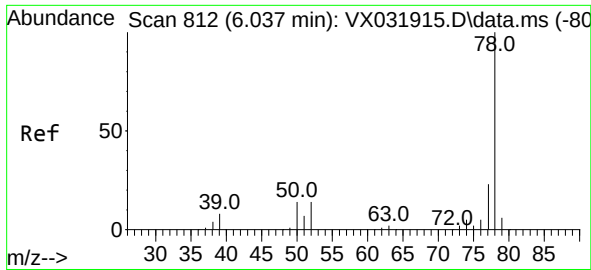


#39
Methylcyclohexane
Concen: 0.919 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX032038.D
Acq: 11 Oct 2022 15:45



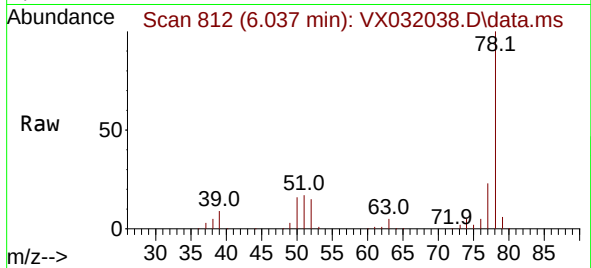
Tgt Ion: 83 Resp: 1819
Ion Ratio Lower Upper
83 100
55 78.4 61.0 91.4
98 49.4 37.7 56.5





#40
Benzene
Concen: 88.058 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX032038.D
Acq: 11 Oct 2022 15:45

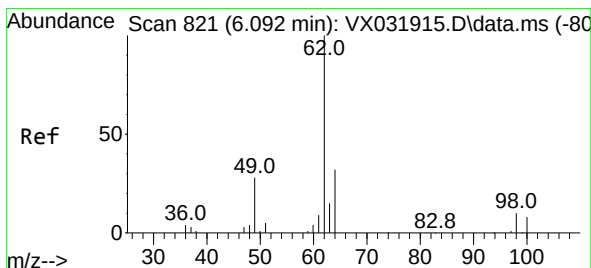
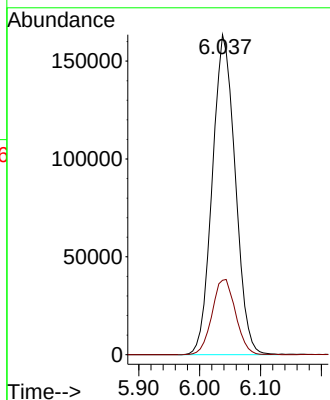
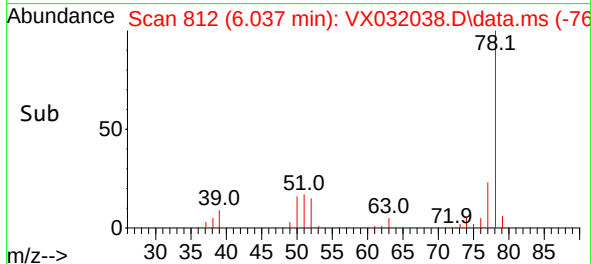
Instrument :
MSVOA_X
ClientSampleId :
MW-112



Tgt Ion: 78 Resp: 428038
Ion Ratio Lower Upper
78 100
77 23.3 18.7 28.1

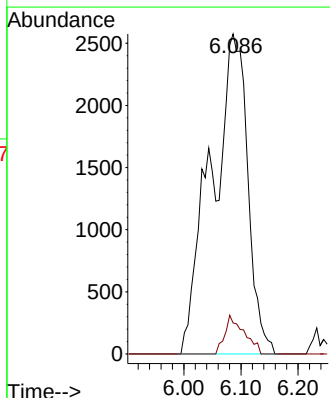
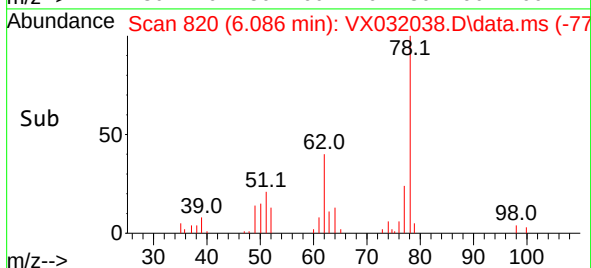
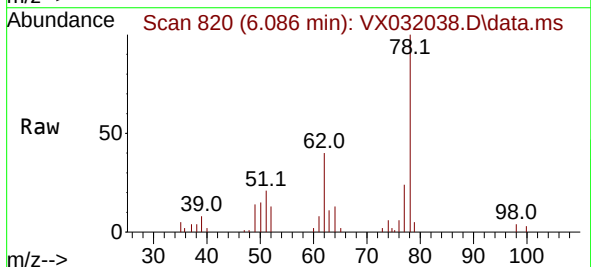
Manual Integrations
APPROVED

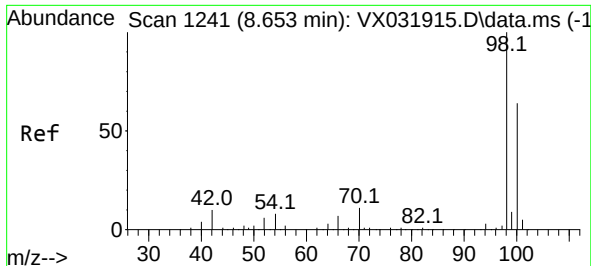
Reviewed By :John Carlone 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#42
1,2-Dichloroethane
Concen: 6.431 ug/l m
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX032038.D
Acq: 11 Oct 2022 15:45

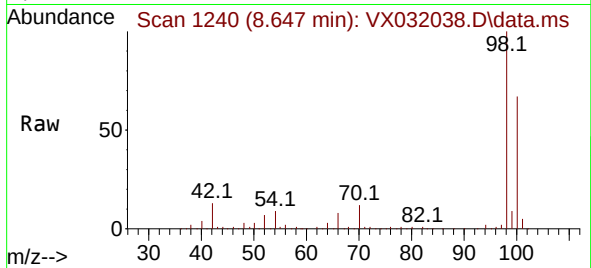
Tgt Ion: 62 Resp: 11392
Ion Ratio Lower Upper
62 100
98 6.4 0.0 17.8





#50
Toluene-d8
Concen: 49.648 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032038.D
Acq: 11 Oct 2022 15:45

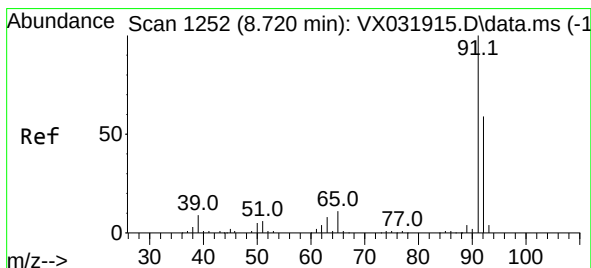
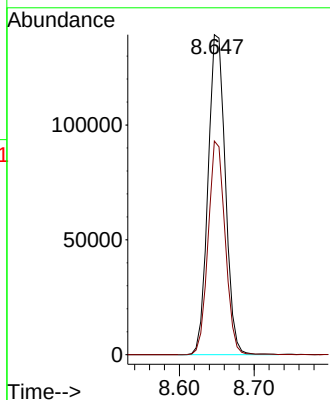
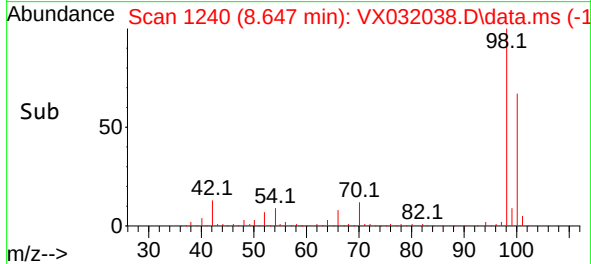
Instrument :
MSVOA_X
ClientSampleId :
MW-112



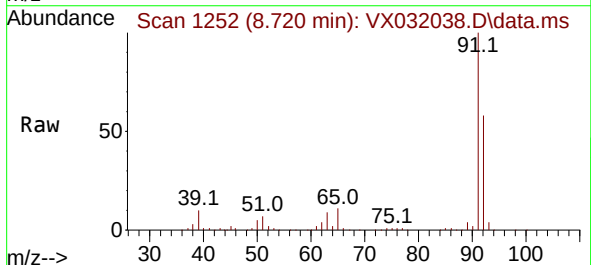
Tgt Ion: 98 Resp: 22364
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7

Manual Integrations
APPROVED

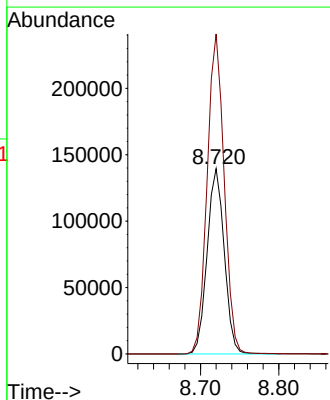
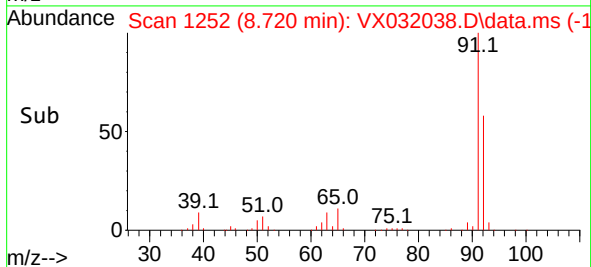
Reviewed By :John Carlone 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022

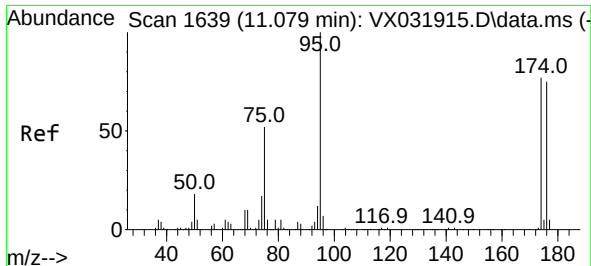


#52
Toluene
Concen: 66.607 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032038.D
Acq: 11 Oct 2022 15:45



Tgt Ion: 92 Resp: 211690
Ion Ratio Lower Upper
92 100
91 171.6 137.1 205.7





#62

4-Bromofluorobenzene

Concen: 47.215 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032038.D

Acq: 11 Oct 2022 15:45

Instrument :

MSVOA_X

ClientSampleId :

MW-112

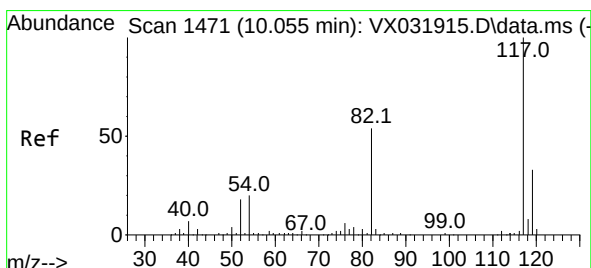
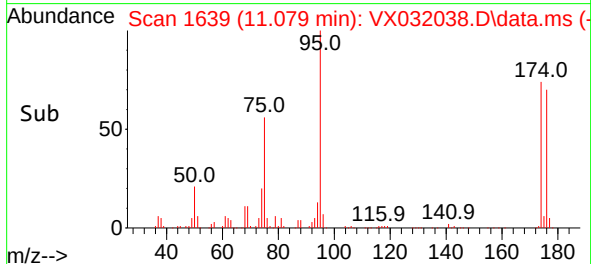
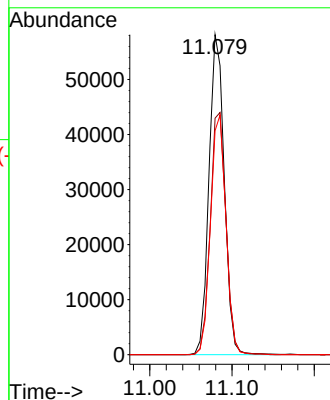
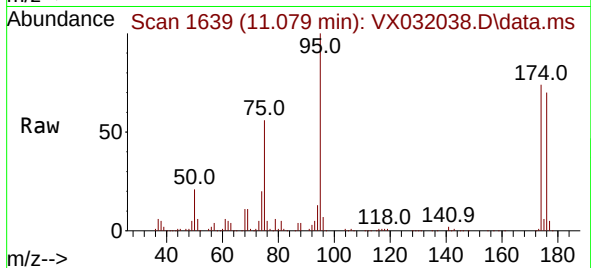
Tgt Ion: 95	Resp: 75189
Ion Ratio	Lower Upper
95 100	
174 77.7	0.0 153.2
176 75.6	0.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2022

Supervised By :Mahesh Dadoda 10/12/2022



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

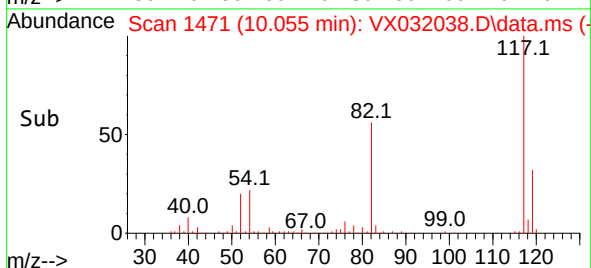
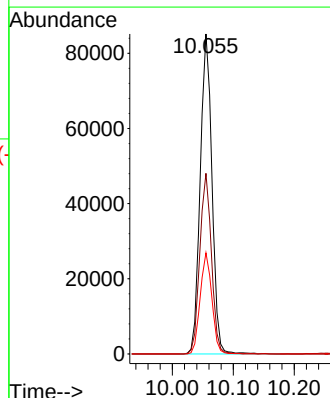
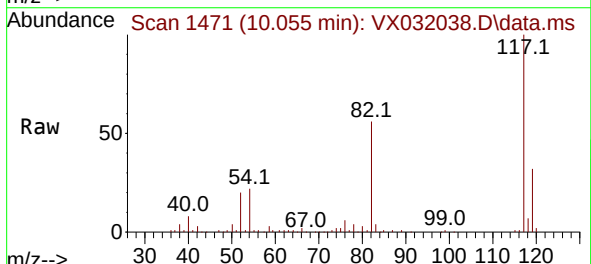
RT: 10.055 min Scan# 1471

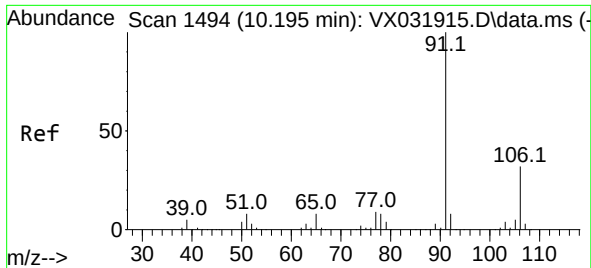
Delta R.T. 0.000 min

Lab File: VX032038.D

Acq: 11 Oct 2022 15:45

Tgt Ion: 117	Resp: 113845
Ion Ratio	Lower Upper
117 100	
82 56.4	46.8 70.2
119 31.6	26.4 39.6





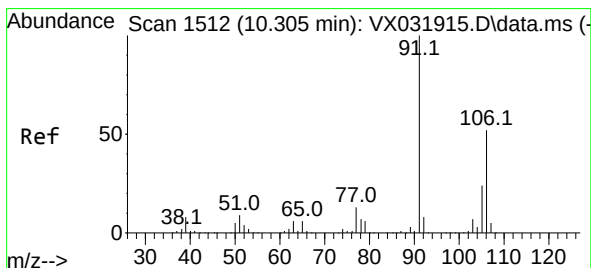
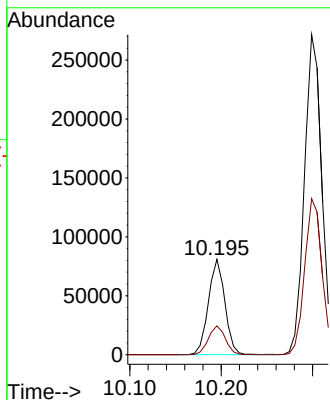
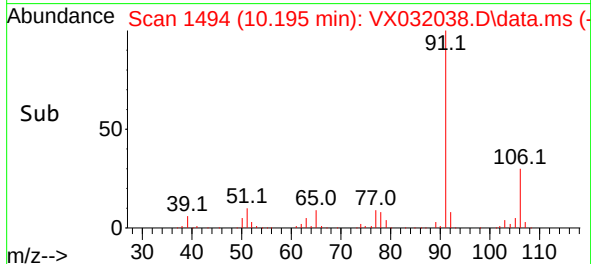
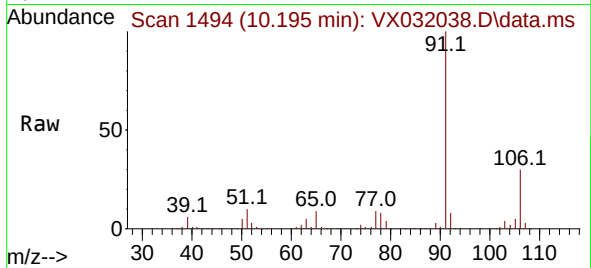
#67
Ethyl Benzene
Concen: 17.343 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032038.D
Acq: 11 Oct 2022 15:45

Instrument :
MSVOA_X
ClientSampleId :
MW-112

Tgt Ion: 91 Resp: 10120
Ion Ratio Lower Upper
91 100
106 30.2 25.2 37.8

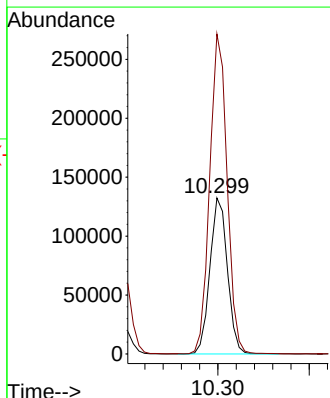
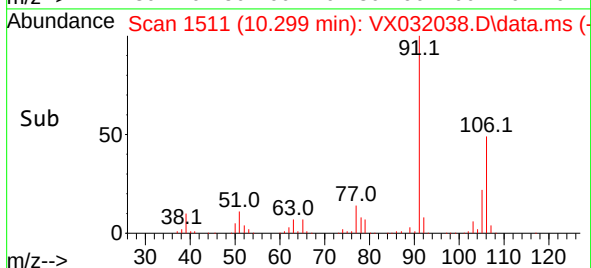
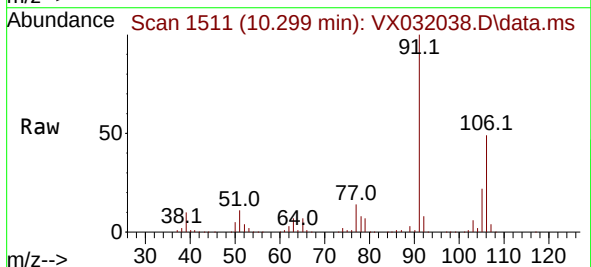
Manual Integrations
APPROVED

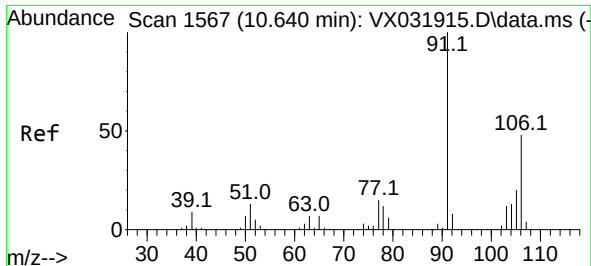
Reviewed By :John Carlone 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#68
m/p-Xylenes
Concen: 75.645 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032038.D
Acq: 11 Oct 2022 15:45

Tgt Ion:106 Resp: 175421
Ion Ratio Lower Upper
106 100
91 203.9 161.0 241.4





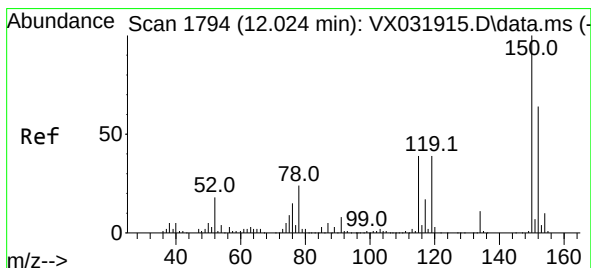
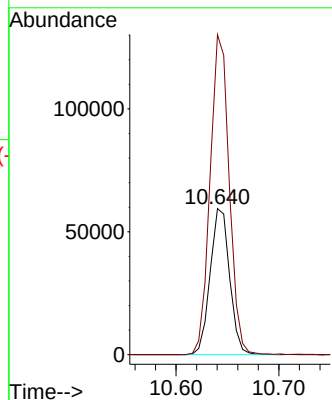
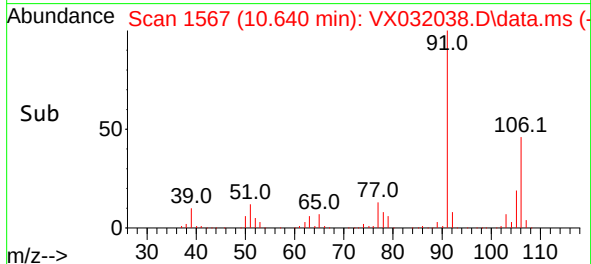
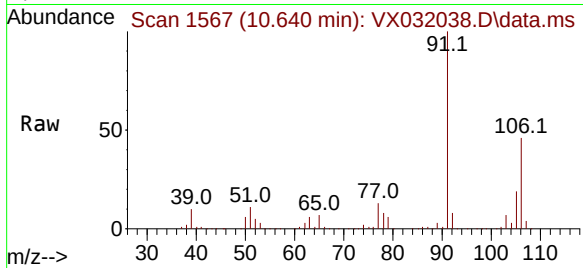
#69
o-Xylene
Concen: 34.788 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032038.D
Acq: 11 Oct 2022 15:45

Instrument :
MSVOA_X
ClientSampleId :
MW-112

Tgt Ion:106 Resp: 78414
Ion Ratio Lower Upper
106 100
91 215.3 107.2 321.6

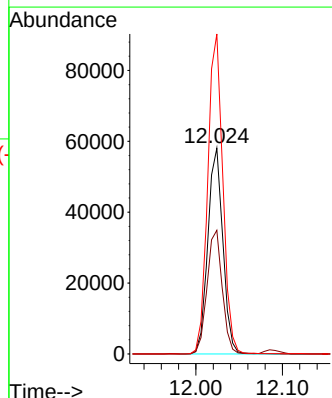
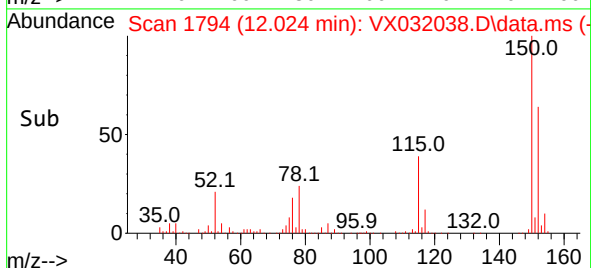
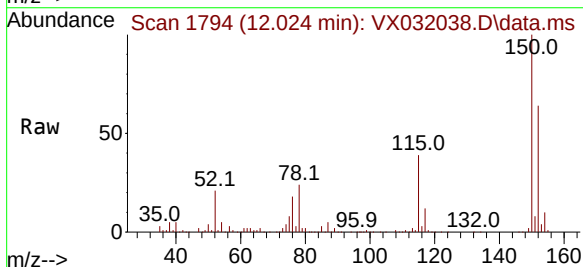
Manual Integrations
APPROVED

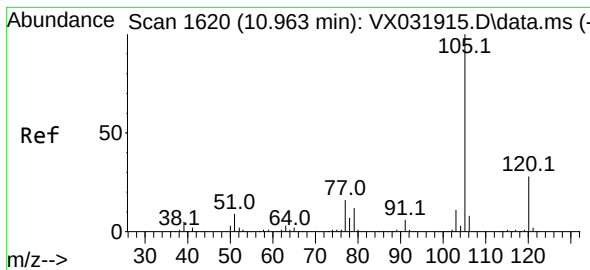
Reviewed By :John Carlone 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032038.D
Acq: 11 Oct 2022 15:45

Tgt Ion:152 Resp: 70164
Ion Ratio Lower Upper
152 100
115 60.6 43.4 130.1
150 155.7 0.0 346.8





#73

Isopropylbenzene

Concen: 1.278 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX032038.D

Acq: 11 Oct 2022 15:45

Instrument :

MSVOA_X

ClientSampleId :

MW-112

Tgt Ion:105 Resp: 676

Ion Ratio Lower Upper

105 100

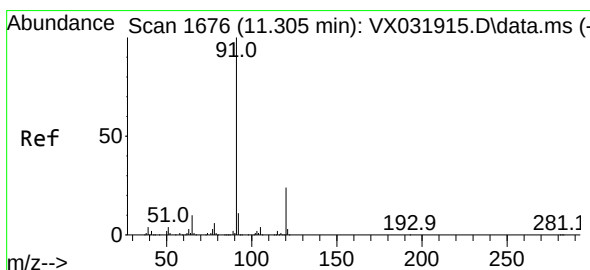
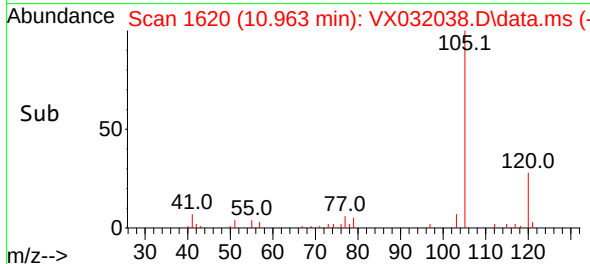
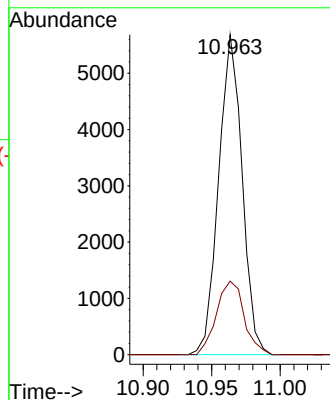
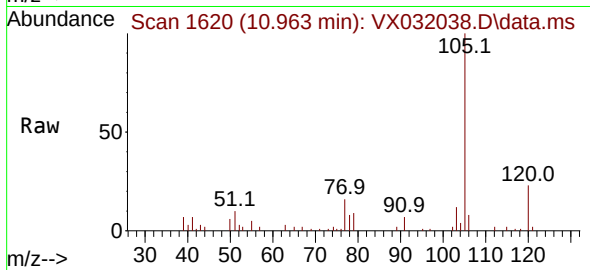
120 27.1 13.7 41.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2022

Supervised By :Mahesh Dadoda 10/12/2022



#78

n-propylbenzene

Concen: 2.759 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX032038.D

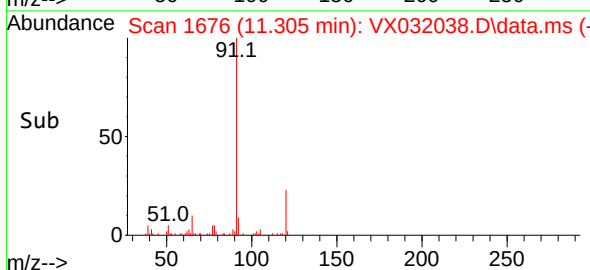
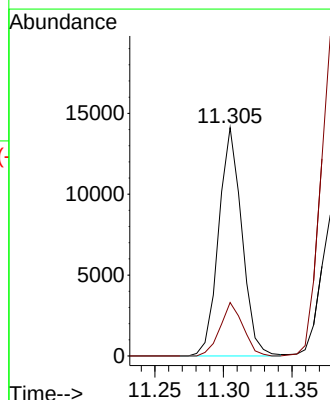
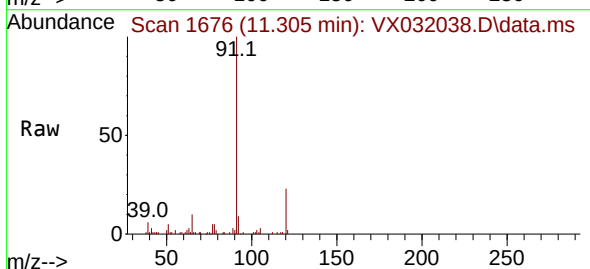
Acq: 11 Oct 2022 15:45

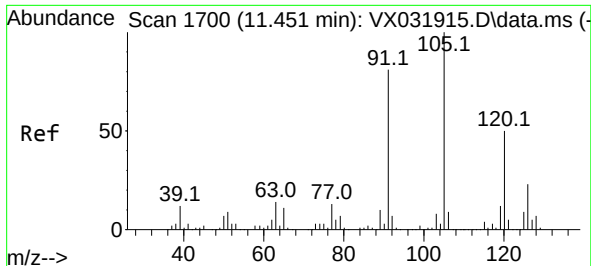
Tgt Ion: 91 Resp: 16608

Ion Ratio Lower Upper

91 100

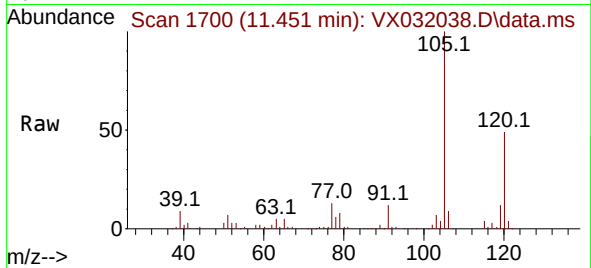
120 23.1 11.8 35.4





#80
1,3,5-Trimethylbenzene
Concen: 7.599 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032038.D
Acq: 11 Oct 2022 15:45

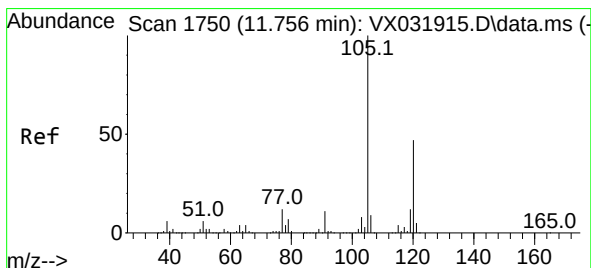
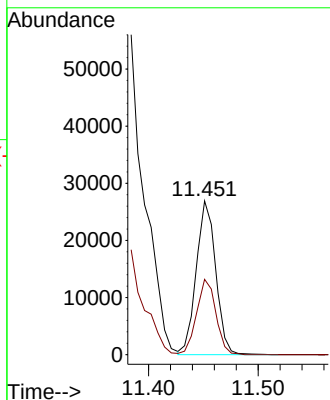
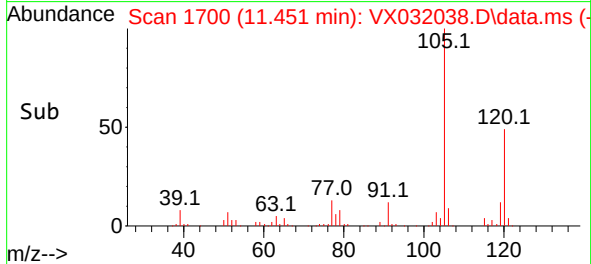
Instrument :
MSVOA_X
ClientSampleId :
MW-112



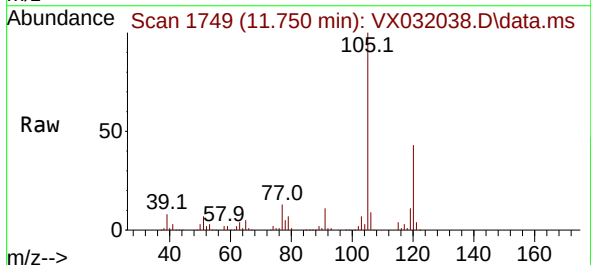
Tgt Ion:105 Resp: 33352
Ion Ratio Lower Upper
105 100
120 48.4 24.5 73.5

Manual Integrations
APPROVED

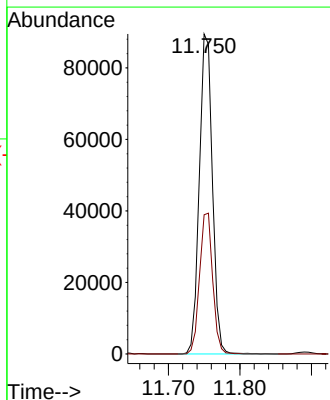
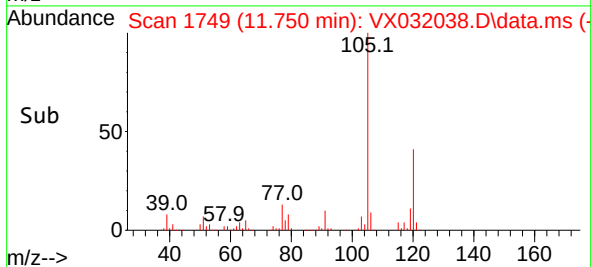
Reviewed By :John Carlone 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022

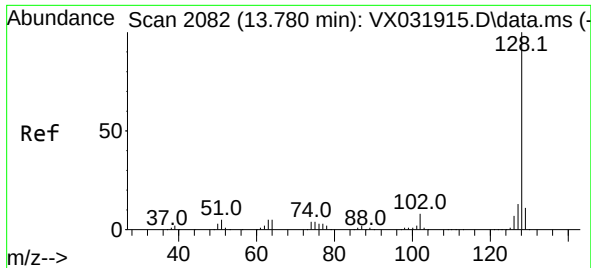


#84
1,2,4-Trimethylbenzene
Concen: 25.503 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX032038.D
Acq: 11 Oct 2022 15:45



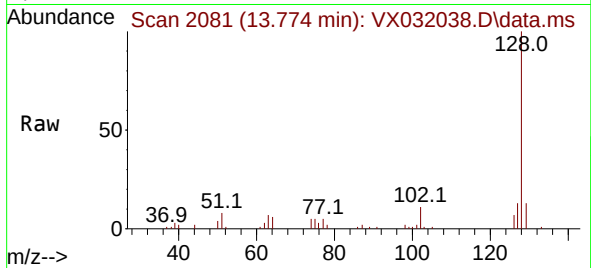
Tgt Ion:105 Resp: 113710
Ion Ratio Lower Upper
105 100
120 44.1 22.6 67.8





#95
Naphthalene
Concen: 2.370 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032038.D
Acq: 11 Oct 2022 15:45

Instrument :
MSVOA_X
ClientSampleId :
MW-112



Tgt Ion:128 Resp: 1216
Ion Ratio Lower Upper
128 100
127 12.1 10.4 15.6
129 11.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022

