

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110722\
 Data File : VX032636.D
 Acq On : 07 Nov 2022 18:44
 Operator : JC/MD
 Sample : N5497-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Nov 08 03:16:50 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	107388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	179025	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74376	49.846	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.700%
35) Dibromofluoromethane	5.391	113	58846	46.081	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.160%
50) Toluene-d8	8.647	98	217936	49.080	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.160%
62) 4-Bromofluorobenzene	11.079	95	90388	52.111	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.220%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	414	0.395	ug/l #	78
6) Chloroethane	1.685	64	1176	1.521	ug/l #	86
16) Acetone	2.380	43	25873	47.708	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	9373	2.476	ug/l #	1
20) Methylene Chloride	2.794	84	3292	2.647	ug/l #	84
25) 2-Butanone	4.568	43	15177	18.063	ug/l	94
31) Cyclohexane	5.471	56	17059	9.429	ug/l #	94
39) Methylcyclohexane	7.385	83	10857	5.160	ug/l	94
40) Benzene	6.044	78	627877	124.771	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	3378	1.887	ug/l	95
52) Toluene	8.720	92	440668	134.219	ug/l	99
67) Ethyl Benzene	10.195	91	1733130	267.147	ug/l	99
68) m/p-Xylenes	10.305	106	515908	204.793	ug/l	99
69) o-Xylene	10.646	106	689551	281.527	ug/l	99
73) Isopropylbenzene	10.963	105	54483	8.140	ug/l	99
78) n-propylbenzene	11.305	91	115064	14.921	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	383816	67.095	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	1202691	211.383	ug/l	99
85) sec-Butylbenzene	11.890	105	5003m	0.728	ug/l	
86) p-Isopropyltoluene	12.006	119	4953	0.849	ug/l #	74
89) n-Butylbenzene	12.317	91	10678m	2.105	ug/l	
95) Naphthalene	13.774	128	538922	81.272	ug/l	100

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

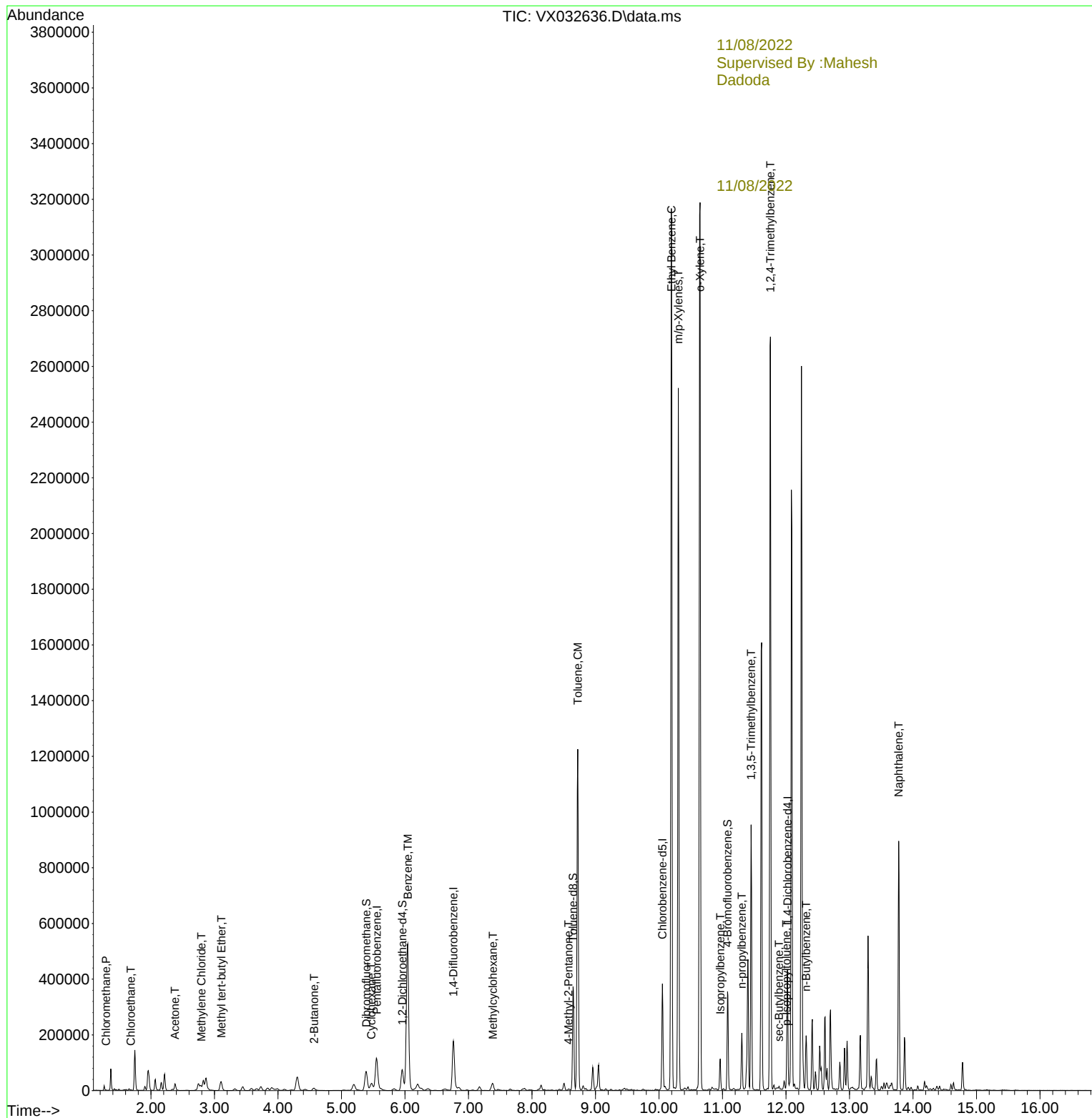
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110722\
Data File : VX032636.D
Acq On : 07 Nov 2022 18:44
Operator : JC/MD
Sample : N5497-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

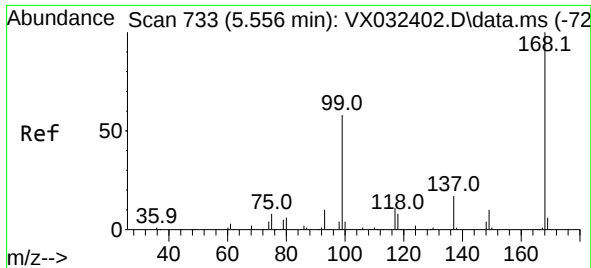
Instrument :
MSVOA_X
ClientSampleId :
MW-12

Quant Time: Nov 08 03:16:50 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

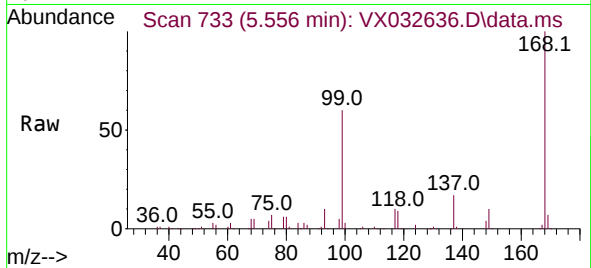
Reviewed By :John
Carlone





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032636.D
Acq: 07 Nov 2022 18:44

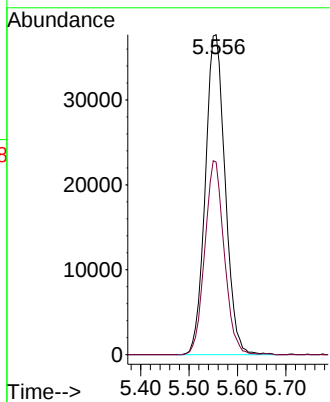
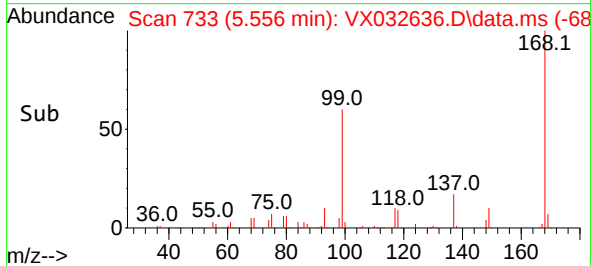
Instrument :
MSVOA_X
ClientSampleId :
MW-12



Tgt Ion:168 Resp: 107388
Ion Ratio Lower Upper
168 100
99 60.2 46.1 69.1

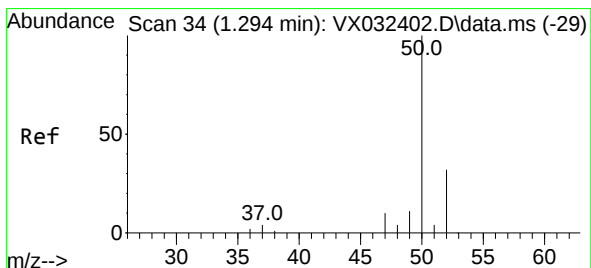
Manual Integrations
APPROVED

Reviewed By :John
Carlone



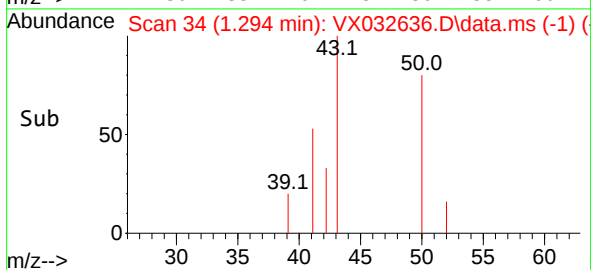
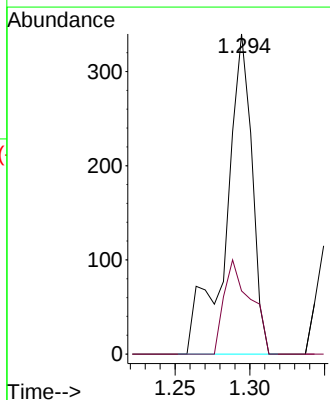
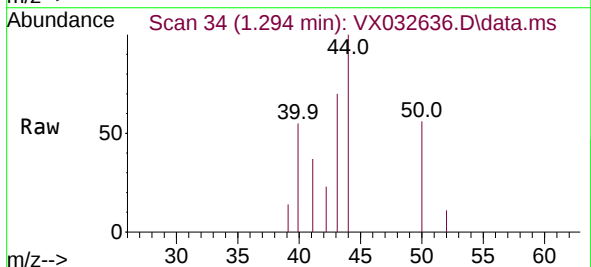
11/08/2022
Supervised By :Mahesh
Dadoda

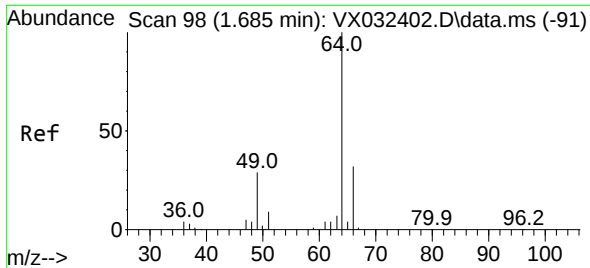
11/08/2022



#3
Chloromethane
Concen: 0.395 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX032636.D
Acq: 07 Nov 2022 18:44

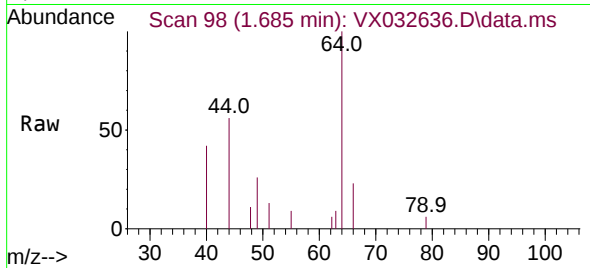
Tgt Ion: 50 Resp: 414
Ion Ratio Lower Upper
50 100
52 19.7 25.4 38.2#





#6
Chloroethane
Concen: 1.521 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX032636.D
Acq: 07 Nov 2022 18:44

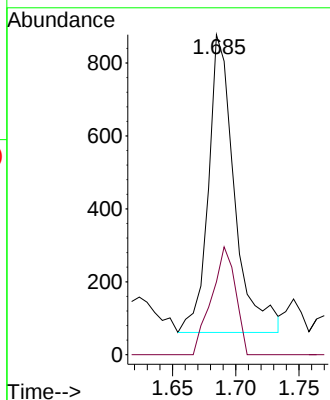
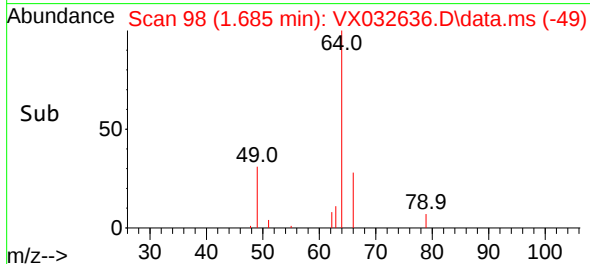
Instrument :
MSVOA_X
Client Sample Id :
MW-12



Tgt Ion: 64 Resp: 1176
Ion Ratio Lower Upper
64 100
66 24.5 26.0 39.0

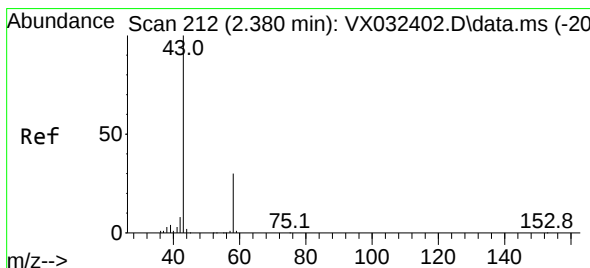
Manual Integrations
APPROVED

Reviewed By :John
Carlone



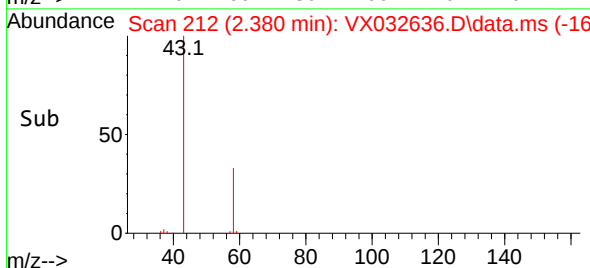
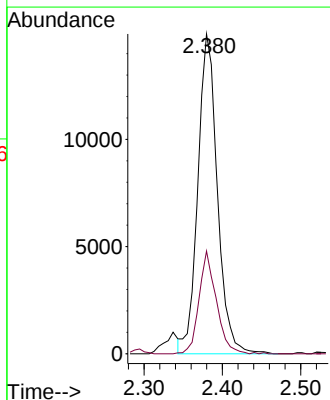
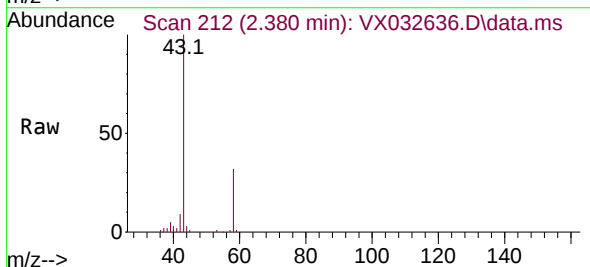
11/08/2022
Supervised By :Mahesh
Dadoda

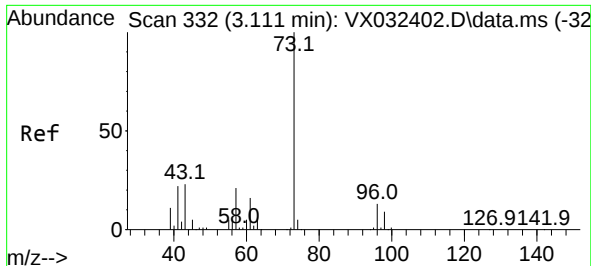
11/08/2022



#16
Acetone
Concen: 47.708 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX032636.D
Acq: 07 Nov 2022 18:44

Tgt Ion: 43 Resp: 25873
Ion Ratio Lower Upper
43 100
58 32.1 23.8 35.8





#19

Methyl tert-butyl Ether

Concen: 2.476 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX032636.D

Acq: 07 Nov 2022 18:44

Instrument :

MSVOA_X

ClientSampleId :

MW-12

Tgt Ion: 73 Resp: 9373

Ion Ratio Lower Upper

73 100

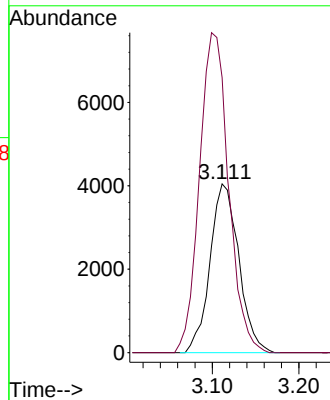
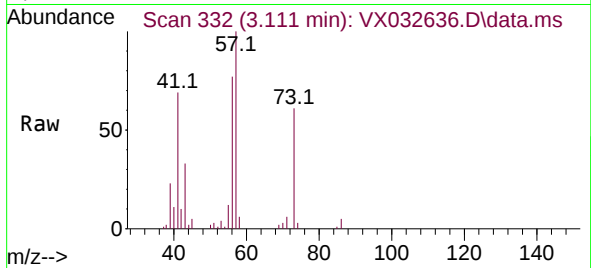
57 163.0 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :John

Carlone

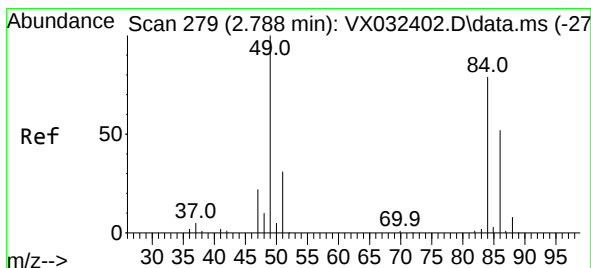
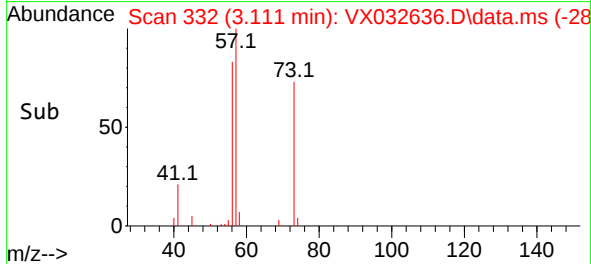


11/08/2022

Supervised By :Mahesh

Dadoda

11/08/2022



#20

Methylene Chloride

Concen: 2.647 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX032636.D

Acq: 07 Nov 2022 18:44

Tgt Ion: 84 Resp: 3292

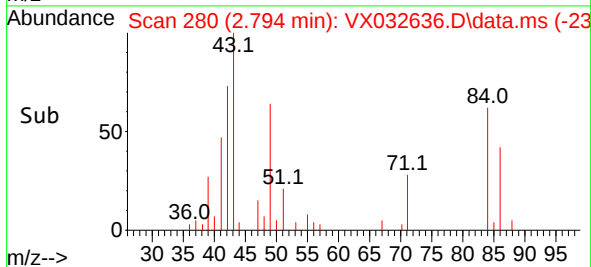
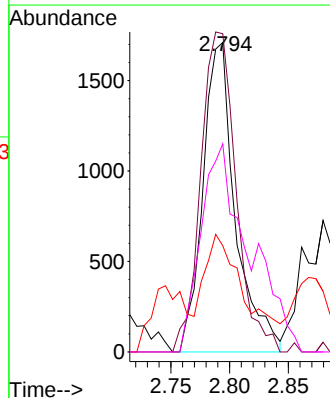
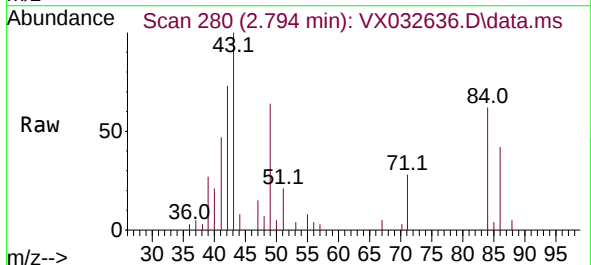
Ion Ratio Lower Upper

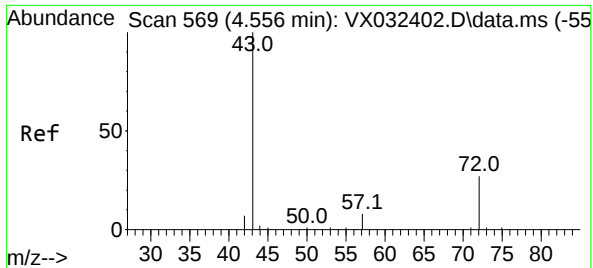
84 100

49 102.9 101.0 151.6

51 25.3 31.1 46.7

86 67.3 52.3 78.5





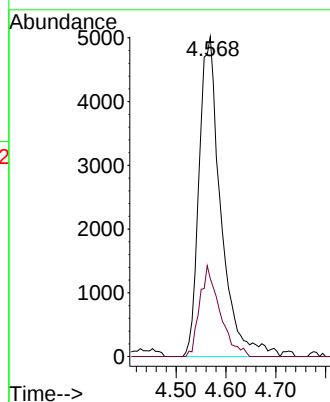
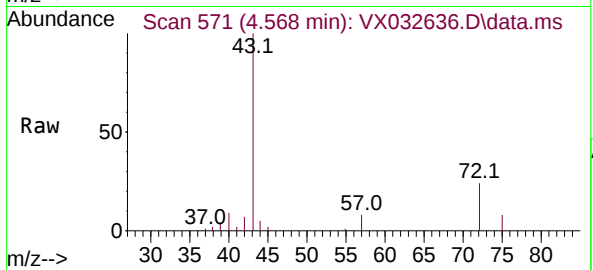
#25
2-Butanone
Concen: 18.063 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX032636.D
Acq: 07 Nov 2022 18:44

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Tgt Ion: 43 Resp: 1517
Ion Ratio Lower Upper
43 100
72 24.4 22.2 33.2

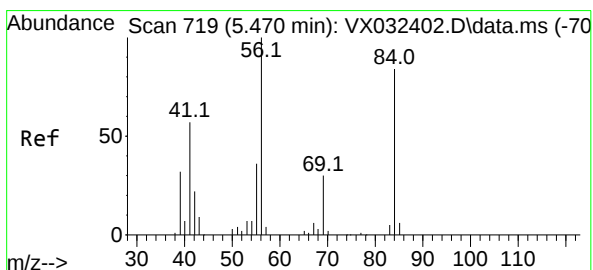
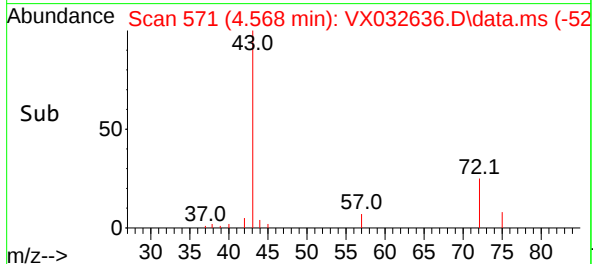
Manual Integrations
APPROVED

Reviewed By :John
Carlone



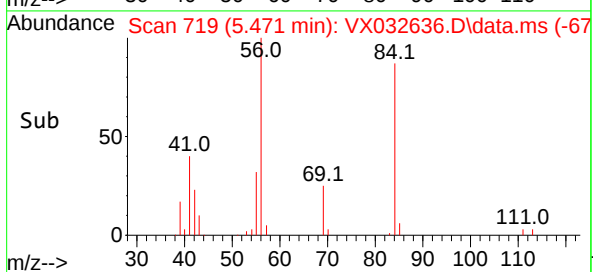
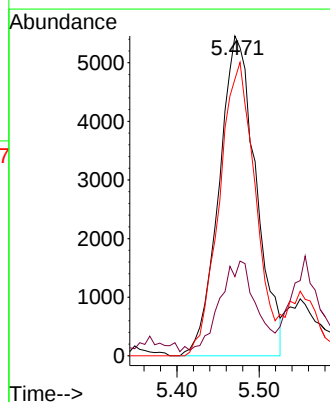
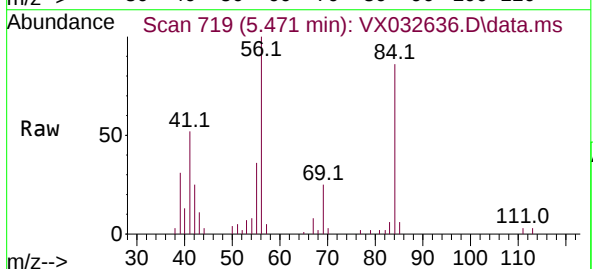
11/08/2022
Supervised By :Mahesh
Dadoda

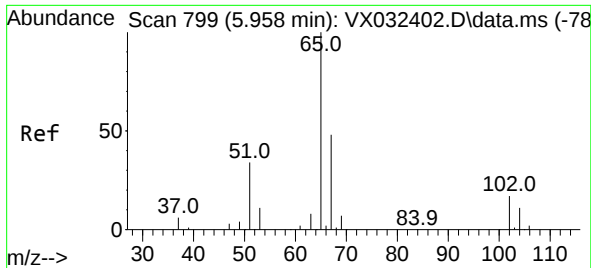
11/08/2022



#31
Cyclohexane
Concen: 9.429 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX032636.D
Acq: 07 Nov 2022 18:44

Tgt Ion: 56 Resp: 17059
Ion Ratio Lower Upper
56 100
69 23.5 24.1 36.1#
84 86.5 66.9 100.3





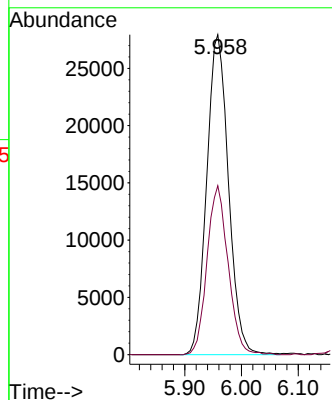
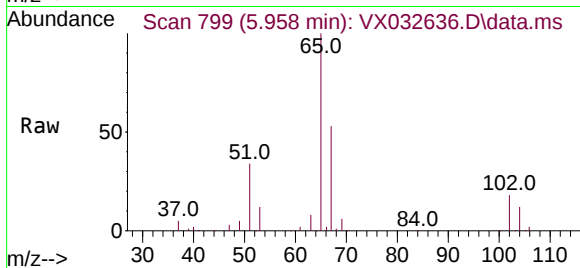
#33
 1,2-Dichloroethane-d4
 Concen: 49.846 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX032636.D
 Acq: 07 Nov 2022 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12

Tgt Ion: 65 Resp: 74376
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.8

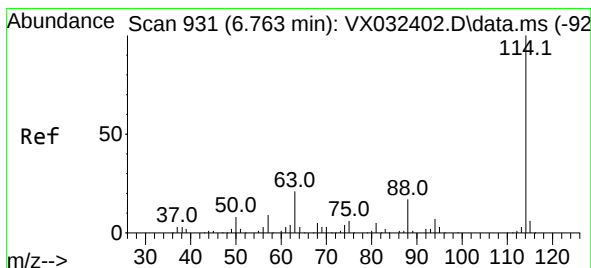
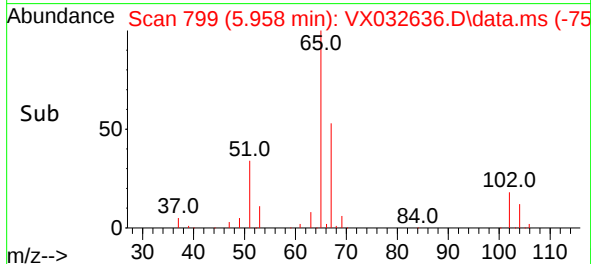
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone



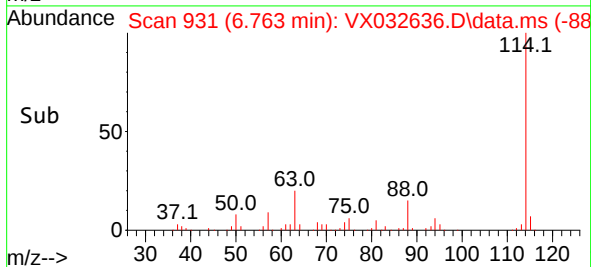
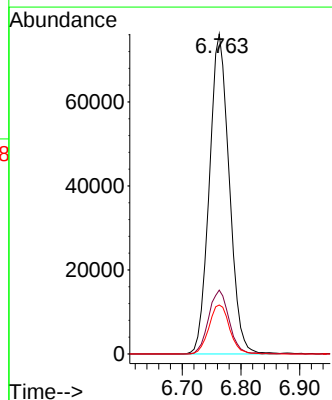
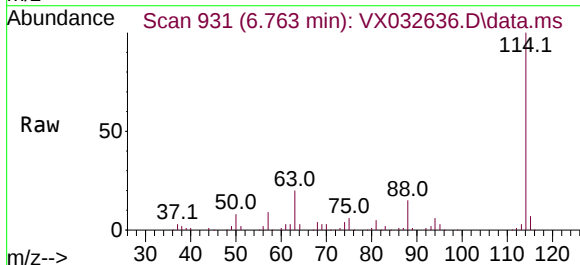
11/08/2022
 Supervised By :Mahesh
 Dadoda

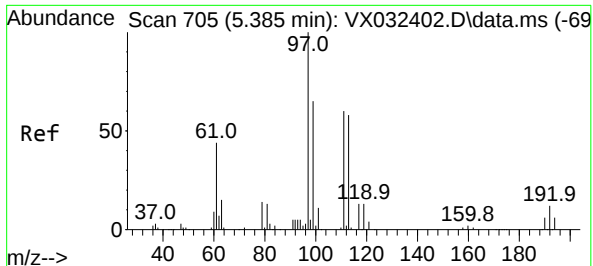
11/08/2022



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX032636.D
 Acq: 07 Nov 2022 18:44

Tgt Ion:114 Resp: 179025
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.6
 88 15.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.081 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX032636.D

Acq: 07 Nov 2022 18:44

Instrument :

MSVOA_X

ClientSampleId :

MW-12

Tgt Ion:113 Resp: 58846

Ion Ratio Lower Upper

113 100

111 101.3 82.4 123.6

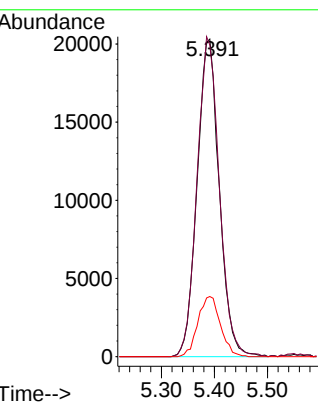
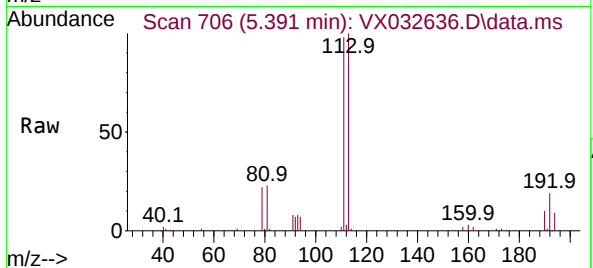
192 19.2 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :John

Carlone

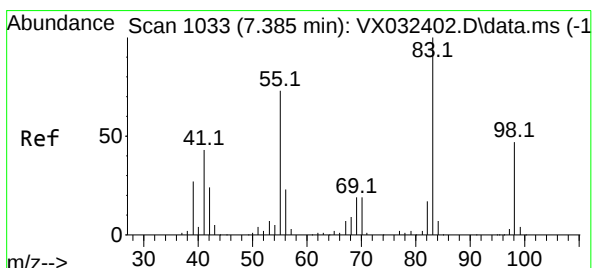
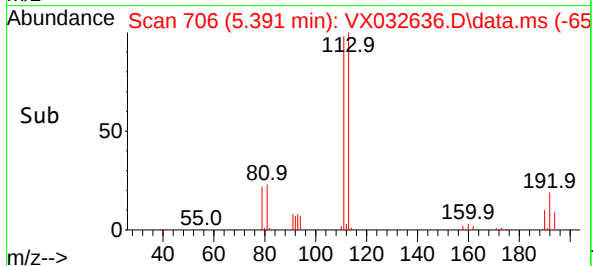


11/08/2022

Supervised By :Mahesh

Dadoda

11/08/2022



#39

Methylcyclohexane

Concen: 5.160 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX032636.D

Acq: 07 Nov 2022 18:44

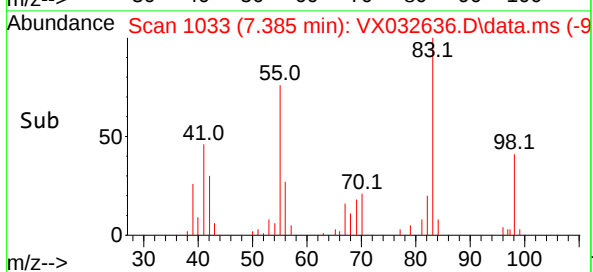
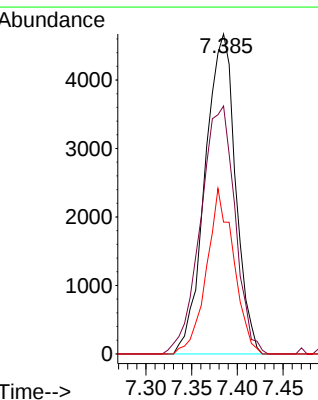
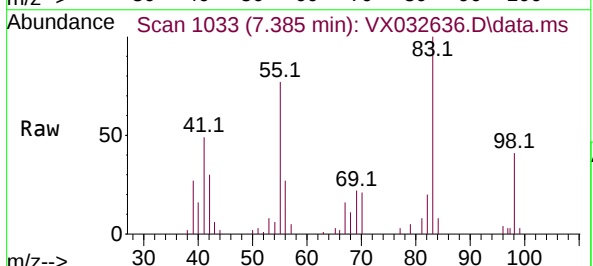
Tgt Ion: 83 Resp: 10857

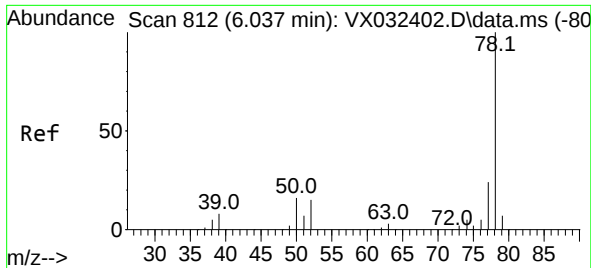
Ion Ratio Lower Upper

83 100

55 77.5 58.4 87.6

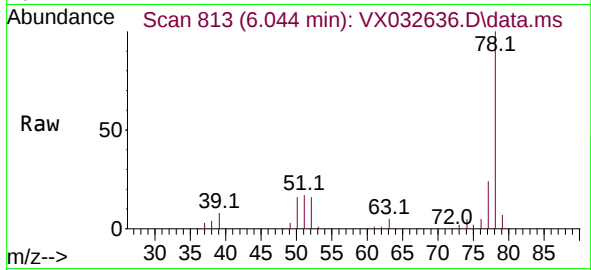
98 41.2 37.2 55.8





#40
Benzene
Concen: 124.771 ug/l
RT: 6.044 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX032636.D
Acq: 07 Nov 2022 18:44

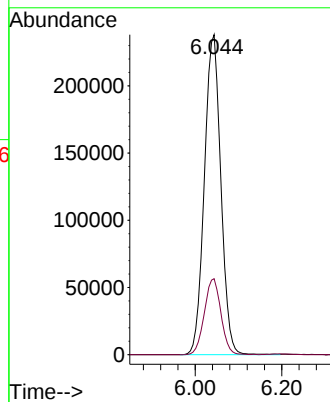
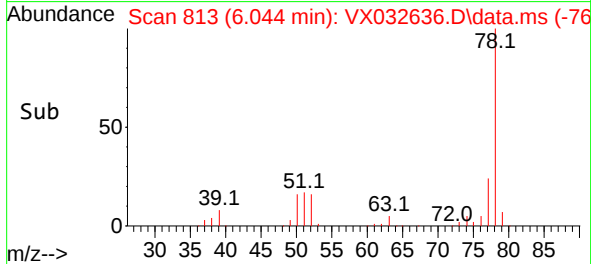
Instrument :
MSVOA_X
ClientSampleId :
MW-12



Tgt Ion: 78 Resp: 62787
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

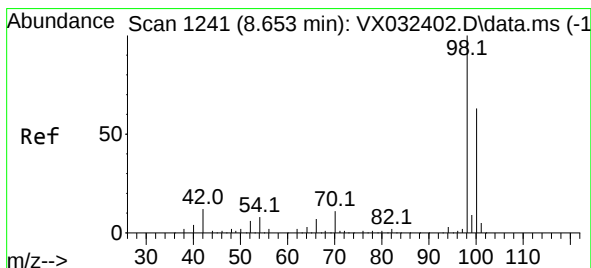
Manual Integrations
APPROVED

Reviewed By :John
Carlone



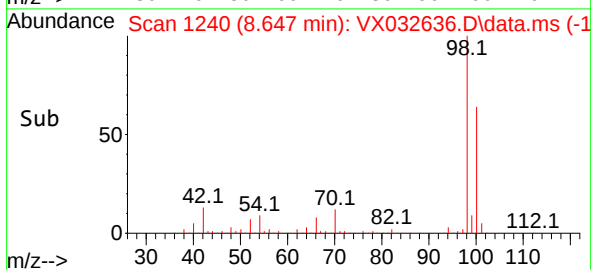
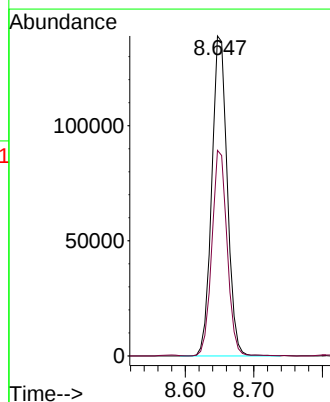
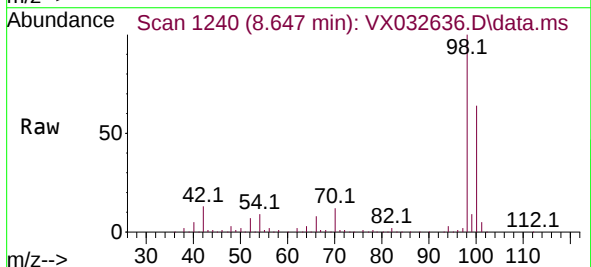
11/08/2022
Supervised By :Mahesh
Dadoda

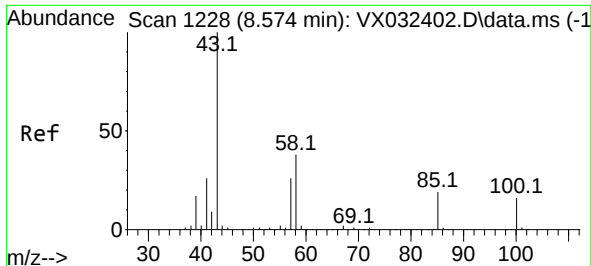
11/08/2022



#50
Toluene-d8
Concen: 49.080 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032636.D
Acq: 07 Nov 2022 18:44

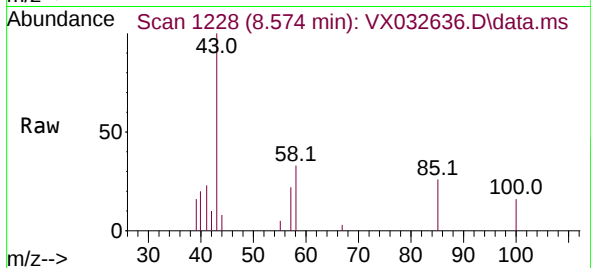
Tgt Ion: 98 Resp: 217936
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3





#51
4-Methyl-2-Pentanone
Concen: 1.887 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX032636.D
Acq: 07 Nov 2022 18:44

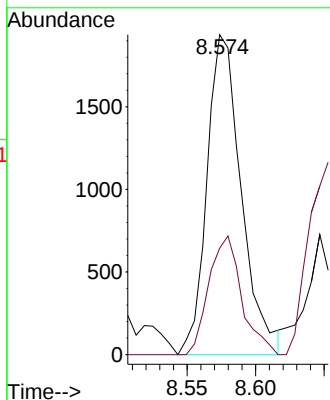
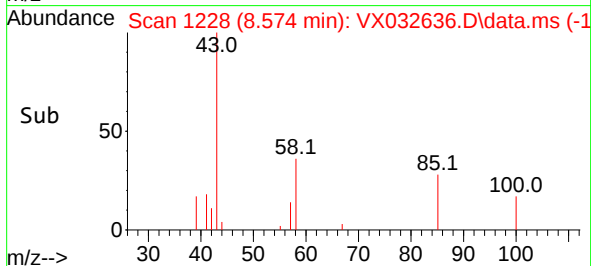
Instrument :
MSVOA_X
ClientSampleId :
MW-12



Tgt Ion: 43 Resp: 3378
Ion Ratio Lower Upper
43 100
58 35.5 30.9 46.3

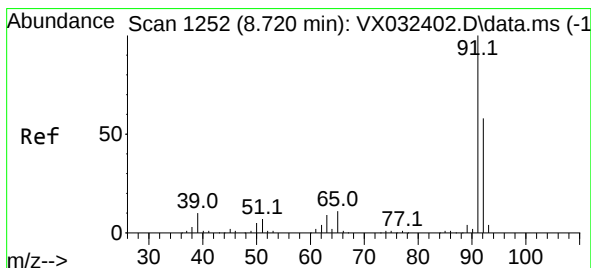
Manual Integrations
APPROVED

Reviewed By :John
Carlone



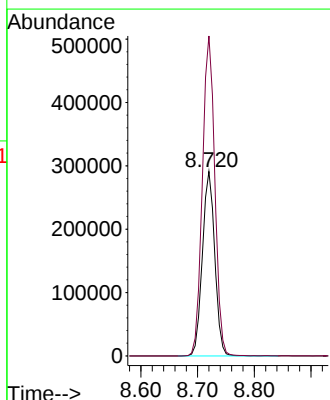
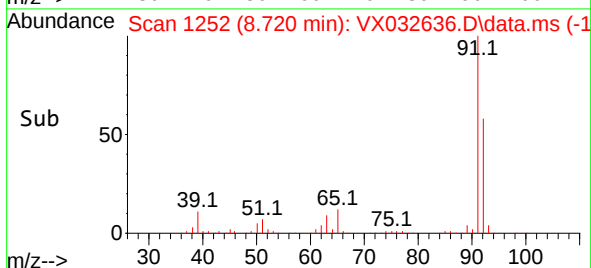
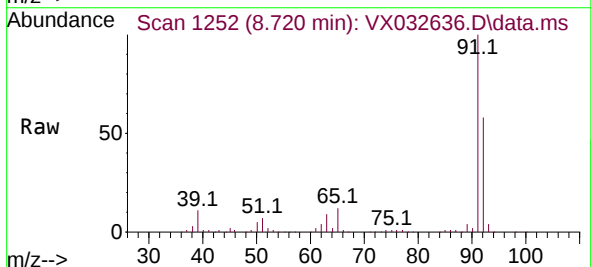
11/08/2022
Supervised By :Mahesh
Dadoda

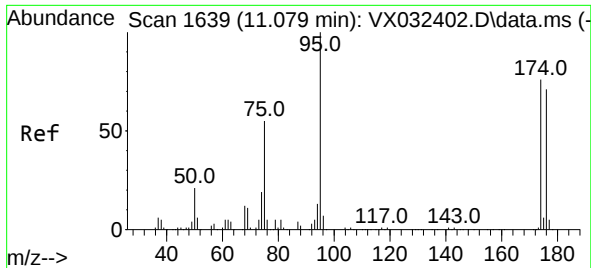
11/08/2022



#52
Toluene
Concen: 134.219 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032636.D
Acq: 07 Nov 2022 18:44

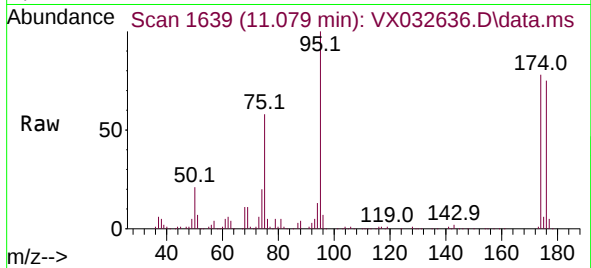
Tgt Ion: 92 Resp: 440668
Ion Ratio Lower Upper
92 100
91 174.8 138.3 207.5





#62
4-Bromofluorobenzene
Concen: 52.111 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032636.D
Acq: 07 Nov 2022 18:44

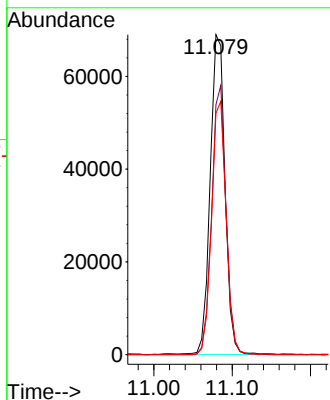
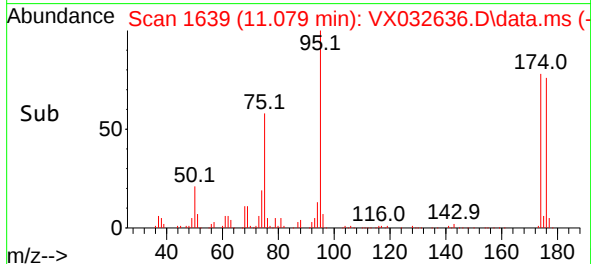
Instrument :
MSVOA_X
ClientSampleId :
MW-12



Tgt Ion: 95 Resp: 90388
Ion Ratio Lower Upper
95 100
174 81.5 0.0 164.0
176 77.7 0.0 154.4

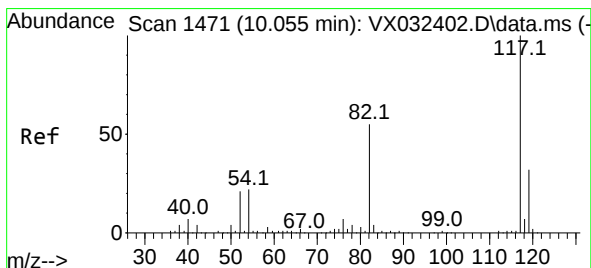
Manual Integrations
APPROVED

Reviewed By :John
Carlone

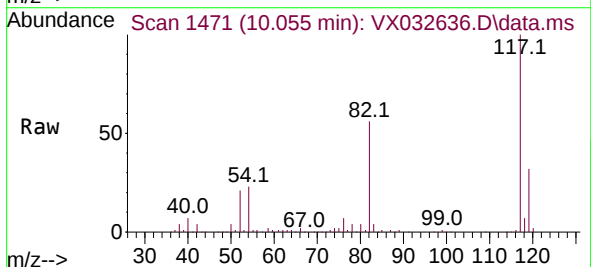


11/08/2022
Supervised By :Mahesh
Dadoda

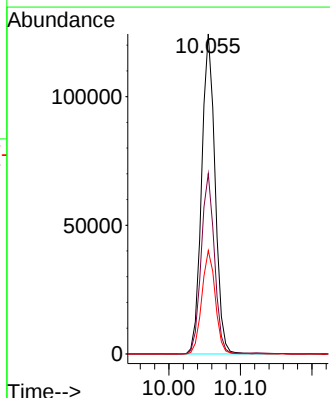
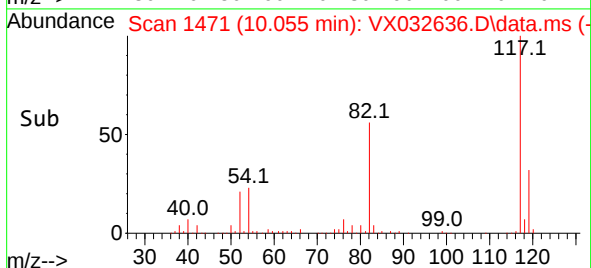
11/08/2022

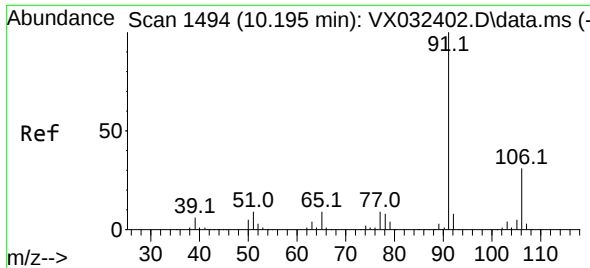


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032636.D
Acq: 07 Nov 2022 18:44



Tgt Ion:117 Resp: 161957
Ion Ratio Lower Upper
117 100
82 56.3 44.3 66.5
119 32.3 25.7 38.5





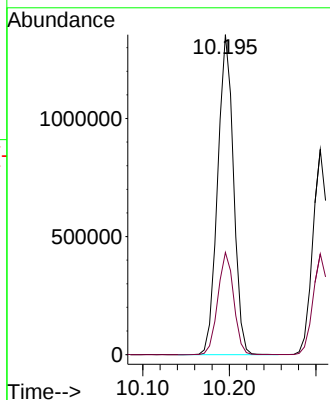
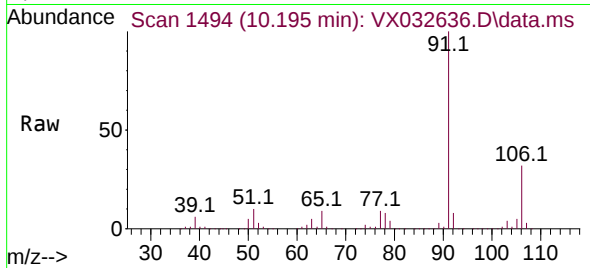
#67
Ethyl Benzene
Concen: 267.147 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032636.D
Acq: 07 Nov 2022 18:44

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Tgt Ion: 91 Resp: 1733130
Ion Ratio Lower Upper
91 100
106 32.0 25.0 37.6

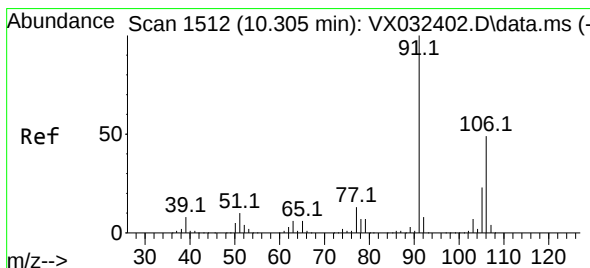
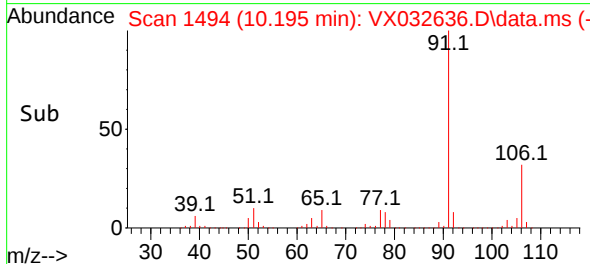
Manual Integrations
APPROVED

Reviewed By :John
Carlone



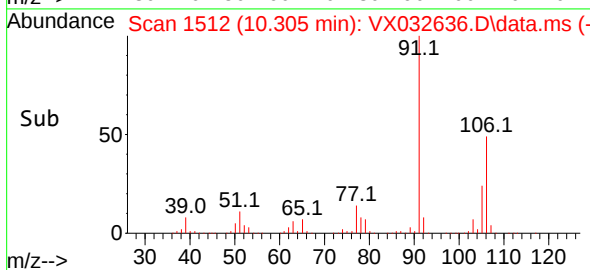
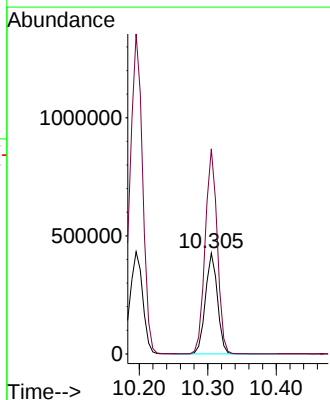
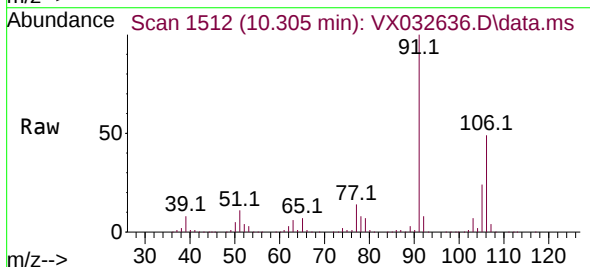
11/08/2022
Supervised By :Mahesh
Dadoda

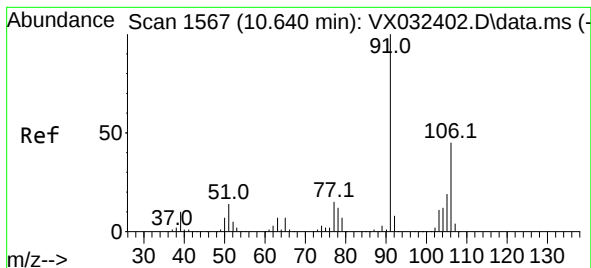
11/08/2022



#68
m/p-Xylenes
Concen: 204.793 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX032636.D
Acq: 07 Nov 2022 18:44

Tgt Ion:106 Resp: 515908
Ion Ratio Lower Upper
106 100
91 204.4 164.5 246.7





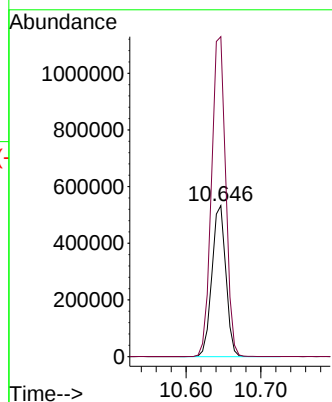
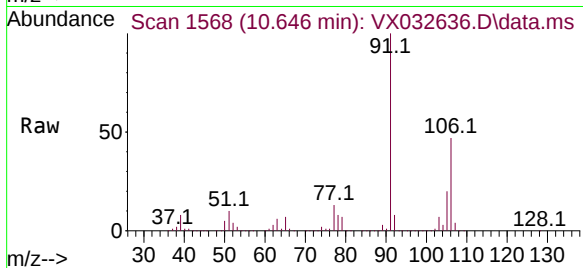
#69
o-Xylene
Concen: 281.527 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX032636.D
Acq: 07 Nov 2022 18:44

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Tgt Ion:106 Resp: 68955
Ion Ratio Lower Upper
106 100
91 216.1 109.2 327.6

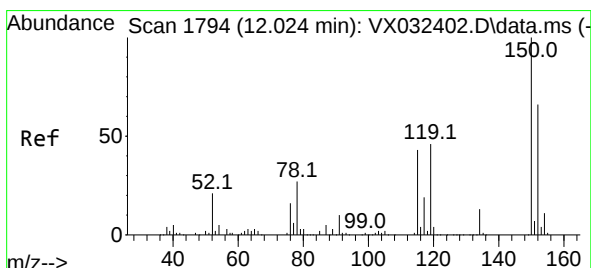
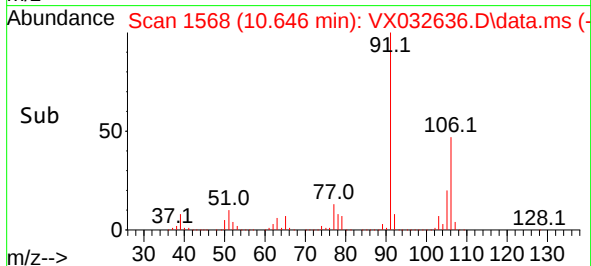
Manual Integrations
APPROVED

Reviewed By :John
Carlone



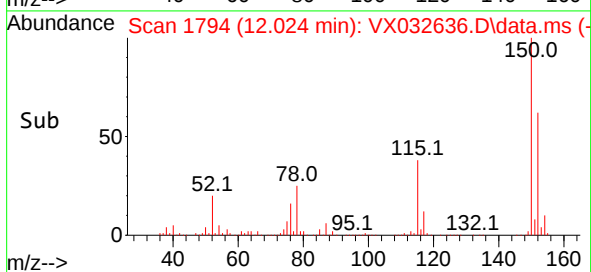
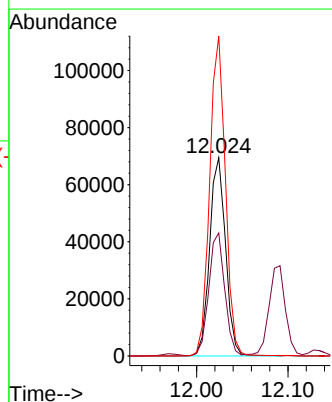
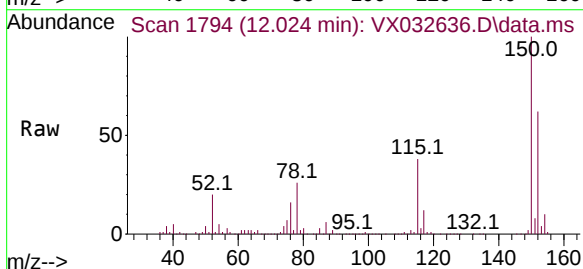
11/08/2022
Supervised By :Mahesh
Dadoda

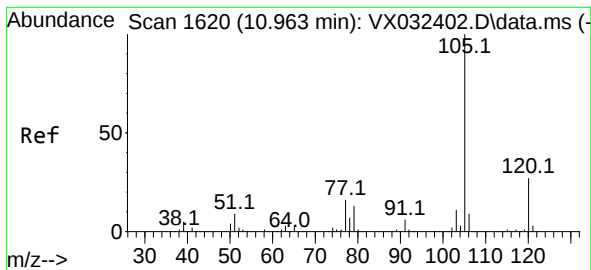
11/08/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032636.D
Acq: 07 Nov 2022 18:44

Tgt Ion:152 Resp: 84467
Ion Ratio Lower Upper
152 100
115 61.9 44.0 132.0
150 158.4 0.0 351.8





#73

Isopropylbenzene

Concen: 8.140 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX032636.D

Acq: 07 Nov 2022 18:44

Instrument :

MSVOA_X

ClientSampleId :

MW-12

Tgt Ion:105 Resp: 54483

Ion Ratio Lower Upper

105 100

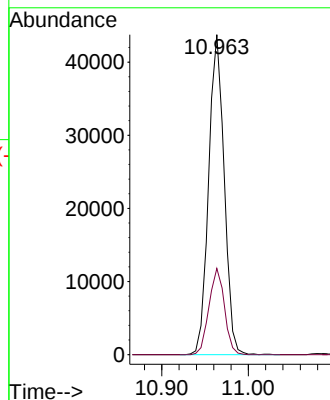
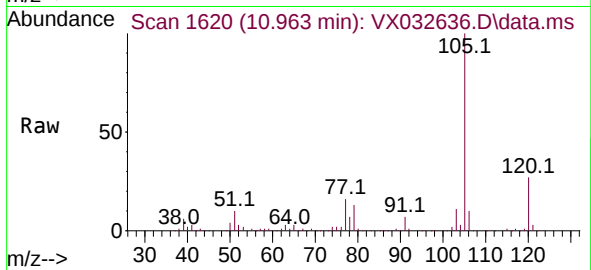
120 26.8 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John

Carlone

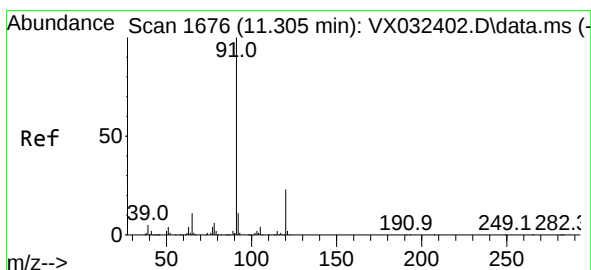
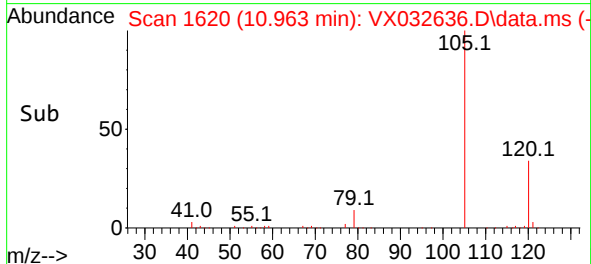


11/08/2022

Supervised By :Mahesh

Dadoda

11/08/2022



#78

n-propylbenzene

Concen: 14.921 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX032636.D

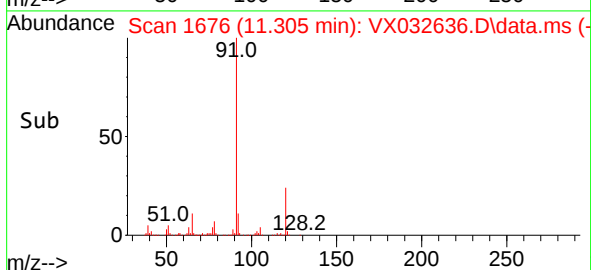
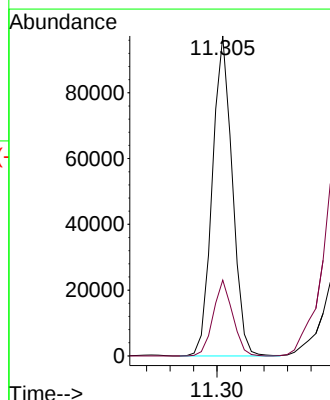
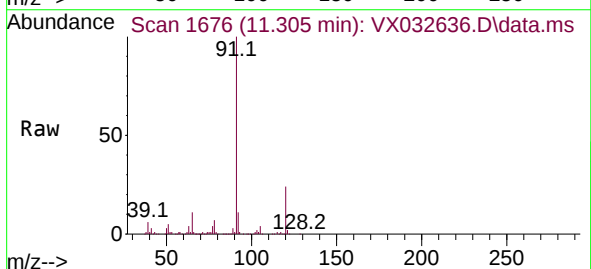
Acq: 07 Nov 2022 18:44

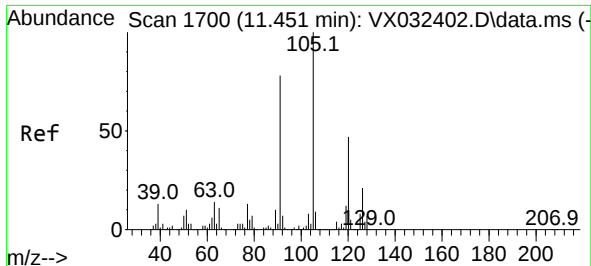
Tgt Ion: 91 Resp: 115064

Ion Ratio Lower Upper

91 100

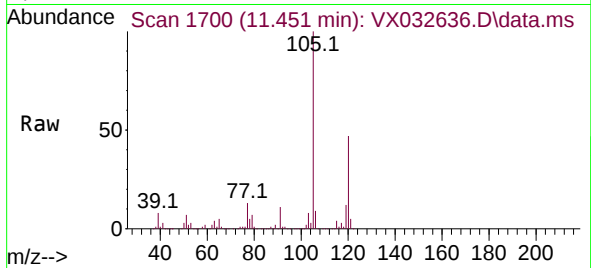
120 22.9 11.6 34.8





#80
1,3,5-Trimethylbenzene
Concen: 67.095 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032636.D
Acq: 07 Nov 2022 18:44

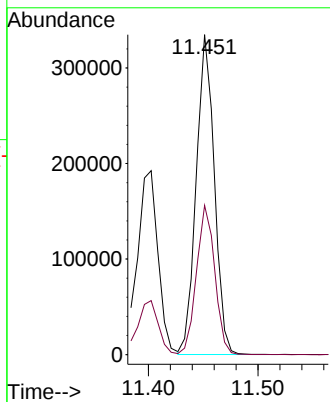
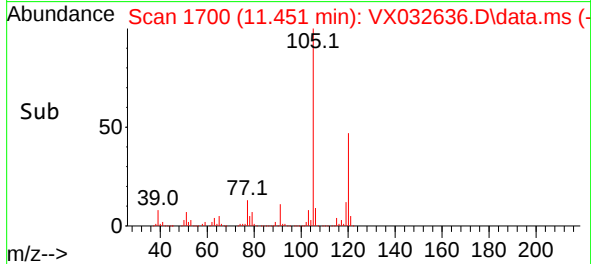
Instrument :
MSVOA_X
ClientSampleId :
MW-12



Tgt Ion:105 Resp: 383816
Ion Ratio Lower Upper
105 100
120 47.2 23.6 71.0

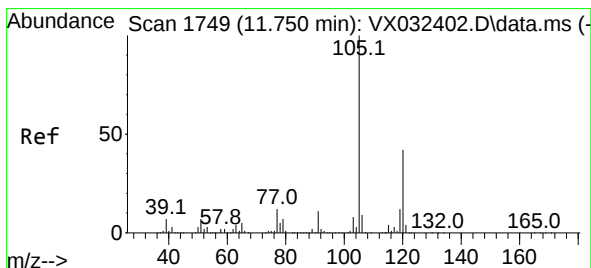
Manual Integrations
APPROVED

Reviewed By :John
Carlone

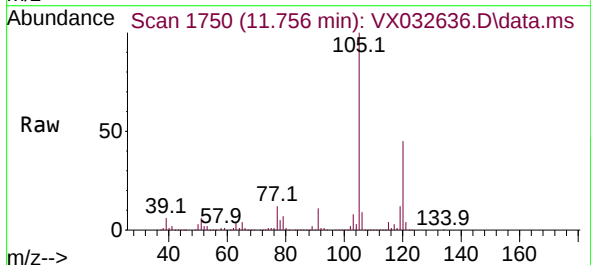


11/08/2022
Supervised By :Mahesh
Dadoda

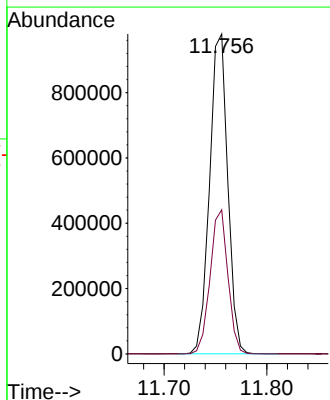
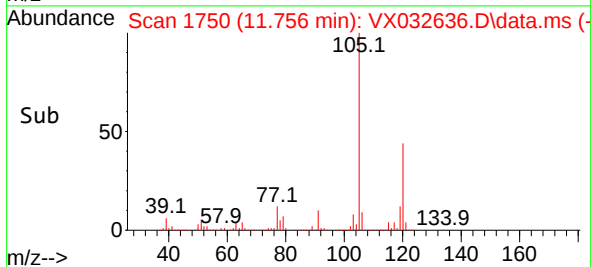
11/08/2022

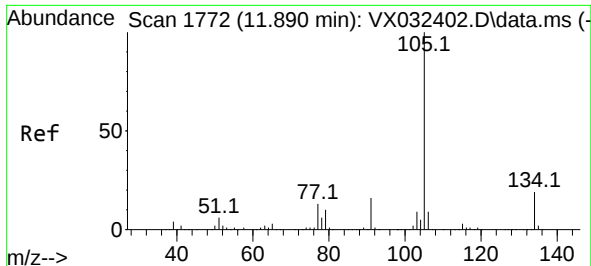


#84
1,2,4-Trimethylbenzene
Concen: 211.383 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX032636.D
Acq: 07 Nov 2022 18:44



Tgt Ion:105 Resp: 1202691
Ion Ratio Lower Upper
105 100
120 44.2 21.9 65.5





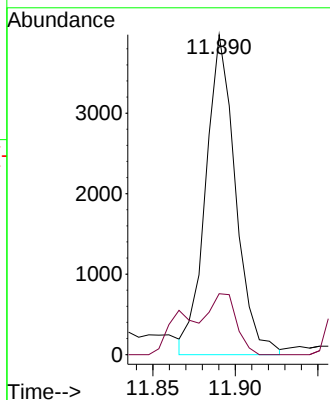
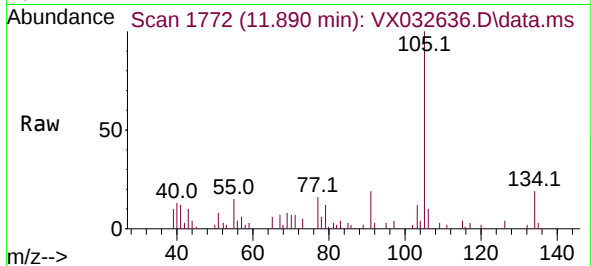
#85
 sec-Butylbenzene
 Concen: 0.728 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032636.D
 Acq: 07 Nov 2022 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12

Tgt Ion:105 Resp: 5003
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.9 29.7

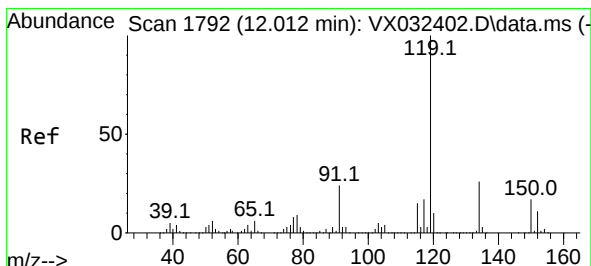
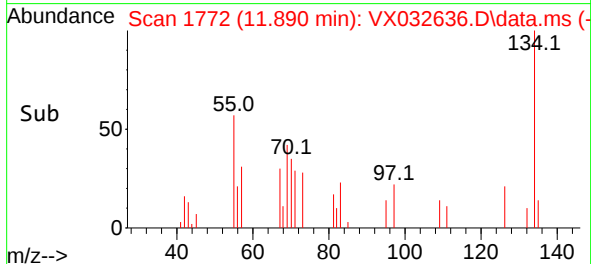
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone



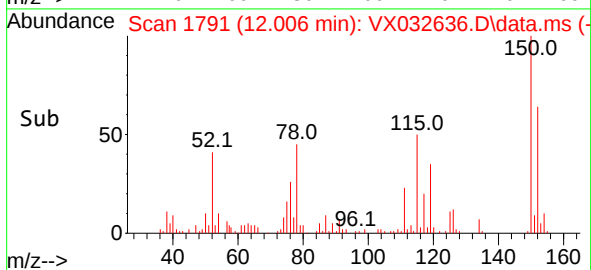
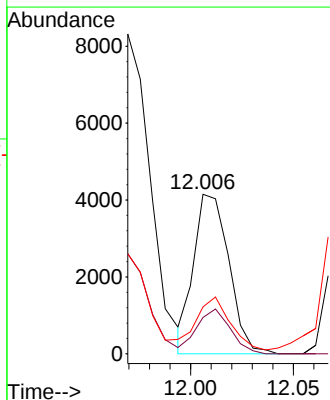
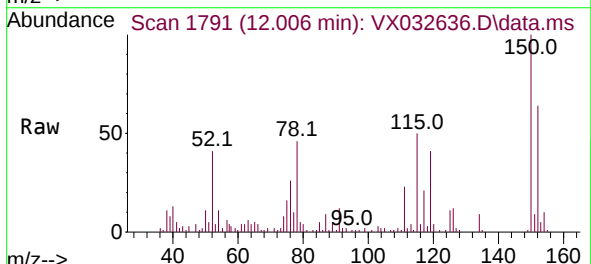
11/08/2022
 Supervised By :Mahesh
 Dadoda

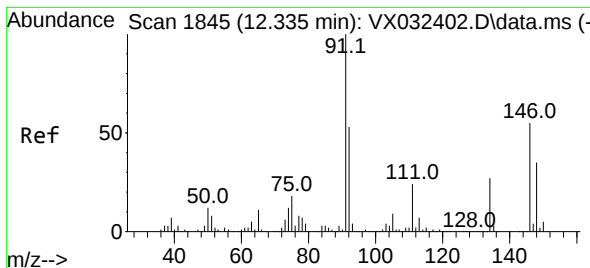
11/08/2022



#86
 p-Isopropyltoluene
 Concen: 0.849 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX032636.D
 Acq: 07 Nov 2022 18:44

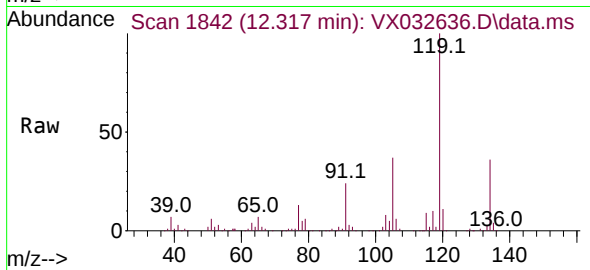
Tgt Ion:119 Resp: 4953
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.9 38.7
 91 0.0 12.5 37.5





#89
n-Butylbenzene
Concen: 2.105 ug/l m
RT: 12.317 min Scan# 1845
Delta R.T. -0.018 min
Lab File: VX032636.D
Acq: 07 Nov 2022 18:44

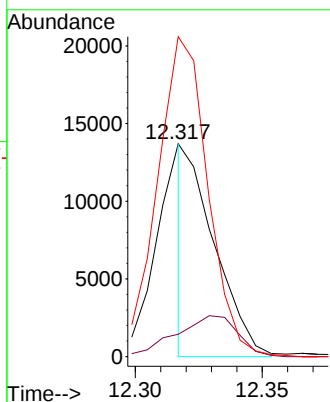
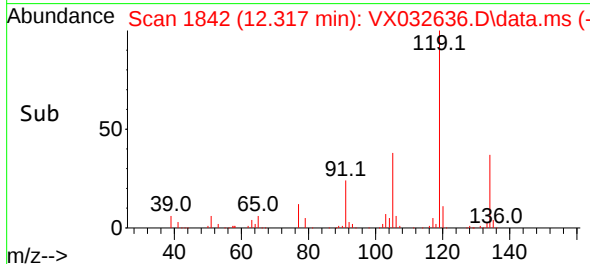
Instrument : MSVOA_X
ClientSampleId : MW-12



Tgt Ion: 91 Resp: 10678
Ion Ratio Lower Upper
91 100
92 41.9 26.2 78.6
134 266.4 12.9 38.6

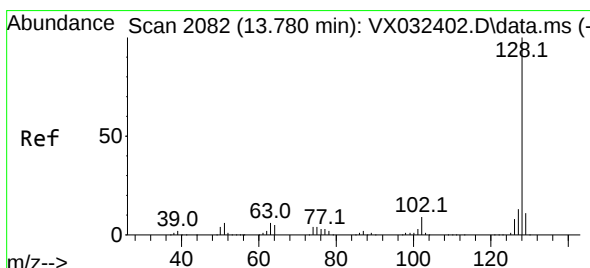
Manual Integrations
APPROVED

Reviewed By :John
Carlone



11/08/2022
Supervised By :Mahesh
Dadoda

11/08/2022



#95
Naphthalene
Concen: 81.272 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032636.D
Acq: 07 Nov 2022 18:44

Tgt Ion:128 Resp: 538922
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.1 8.9 13.3

