

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
 Data File : VX032654.D
 Acq On : 08 Nov 2022 15:17
 Operator : JC/MD
 Sample : N5514-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Quant Time: Nov 09 04:39:31 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	109606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	182609	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76397	50.164	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.320%			
35) Dibromofluoromethane	5.385	113	59830	45.932	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.860%			
50) Toluene-d8	8.647	98	221787	48.967	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.940%			
62) 4-Bromofluorobenzene	11.079	95	86733	49.022	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.040%			
Target Compounds					Qvalue	
16) Acetone	2.386	43	23427	42.324	ug/l	97
25) 2-Butanone	4.568	43	15015	17.509	ug/l	94
31) Cyclohexane	5.477	56	38502	20.851	ug/l	94
39) Methylcyclohexane	7.379	83	14956	6.969	ug/l	94
40) Benzene	6.037	78	124748	24.303	ug/l	99
52) Toluene	8.720	92	24775	7.398	ug/l	100
67) Ethyl Benzene	10.195	91	85032	12.855	ug/l	98
68) m/p-Xylenes	10.299	106	28876	11.242	ug/l	97
69) o-Xylene	10.646	106	7822	3.132	ug/l	97
73) Isopropylbenzene	10.963	105	76141	11.989	ug/l	100
78) n-propylbenzene	11.305	91	185922	25.410	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	6191m	1.141	ug/l	
84) 1,2,4-Trimethylbenzene	11.750	105	13584	2.516	ug/l	99
85) sec-Butylbenzene	11.890	105	15436	2.367	ug/l #	69
89) n-Butylbenzene	12.335	91	10644	2.211	ug/l #	78
95) Naphthalene	13.774	128	312875	49.728	ug/l	100

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

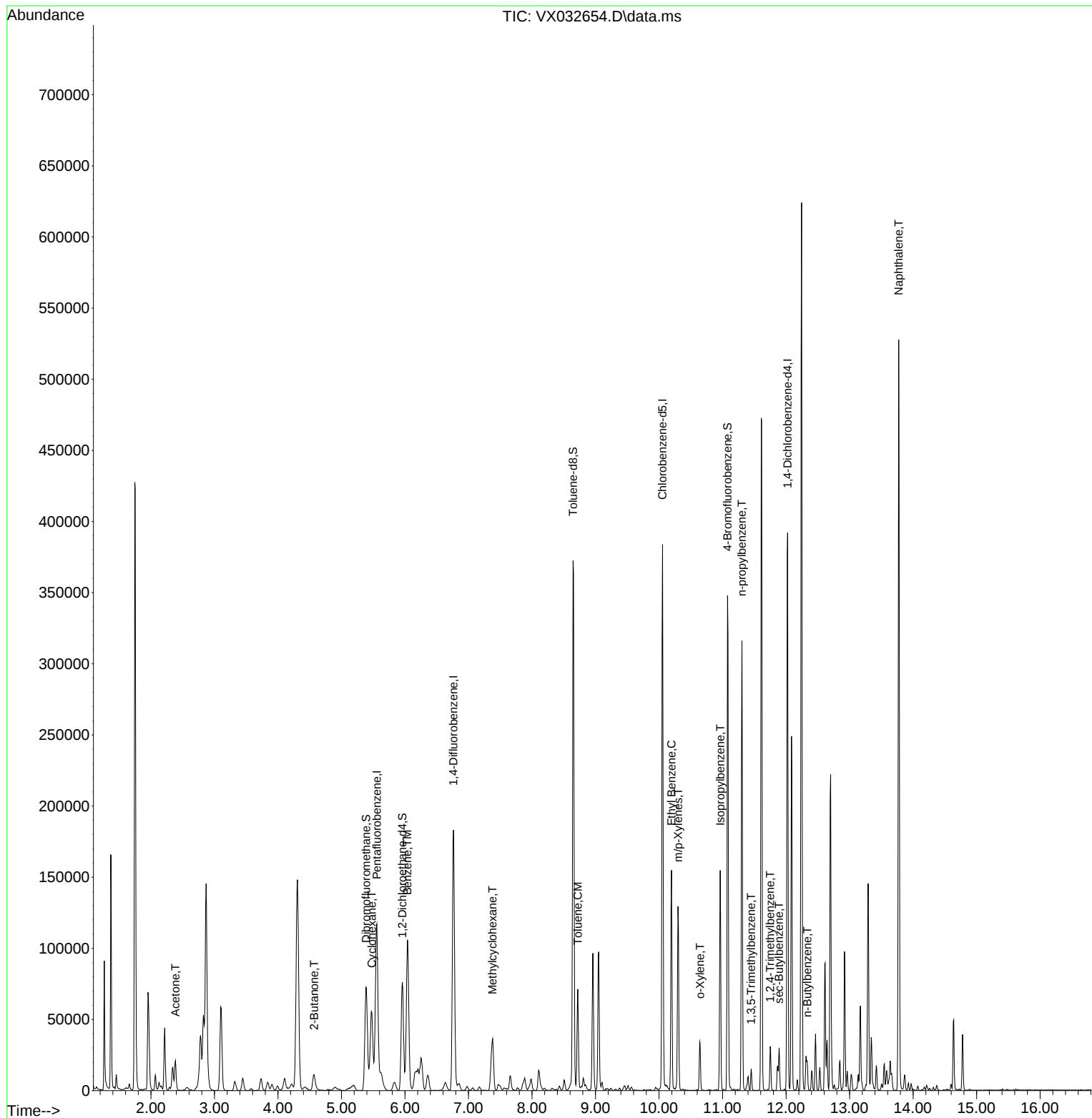
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
Data File : VX032654.D
Acq On : 08 Nov 2022 15:17
Operator : JC/MD
Sample : N5514-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

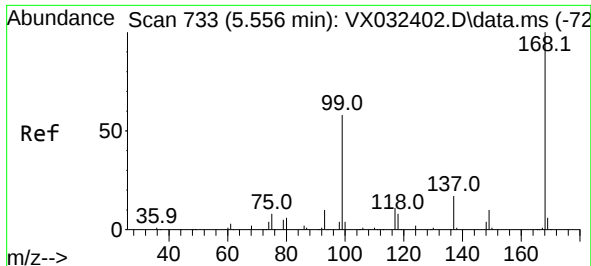
Instrument :
MSVOA_X
ClientSampleId :
MW-6

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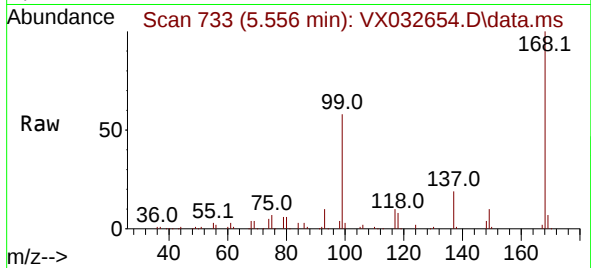
Quant Time: Nov 09 04:39:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX032654.D
Acq: 08 Nov 2022 15:17

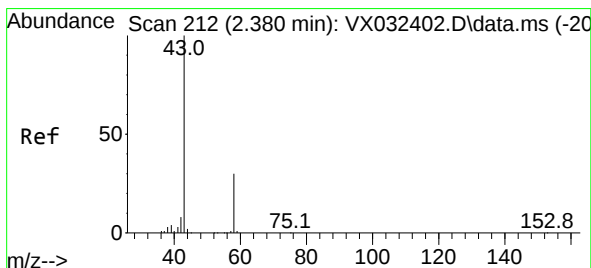
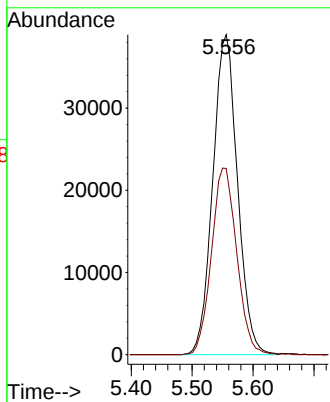
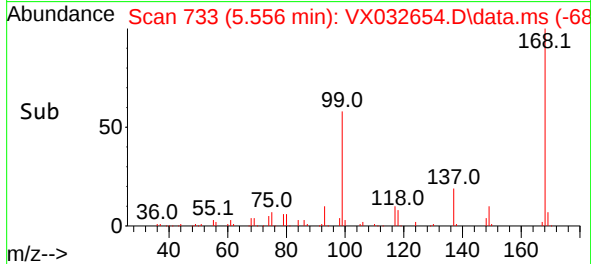
Instrument :
MSVOA_X
ClientSampleId :
MW-6



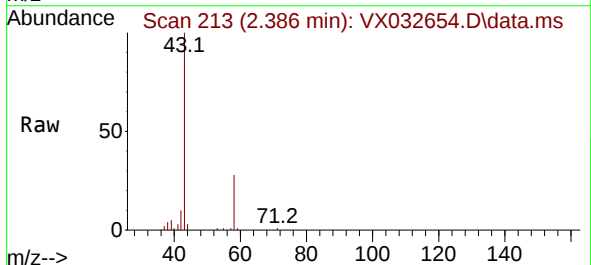
Tgt Ion:168 Resp: 109600
Ion Ratio Lower Upper
168 100
99 58.2 46.1 69.1

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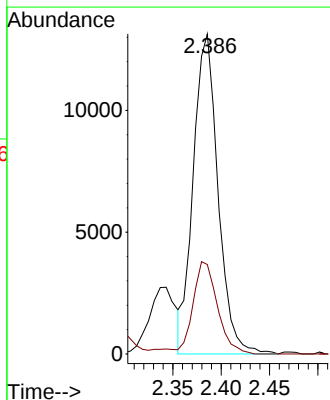
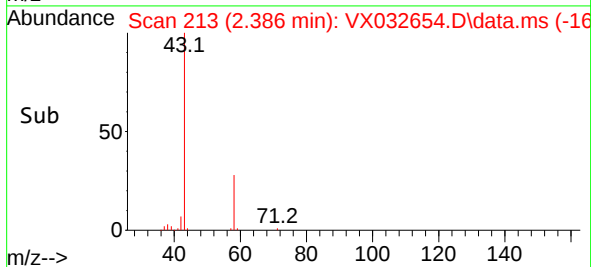
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

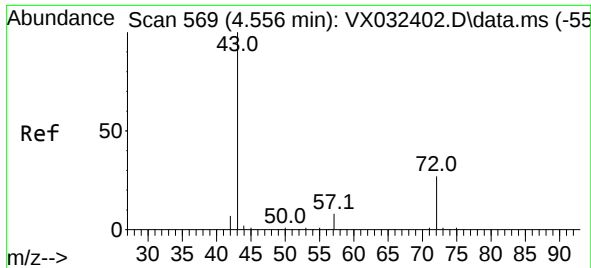


#16
Acetone
Concen: 42.324 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032654.D
Acq: 08 Nov 2022 15:17



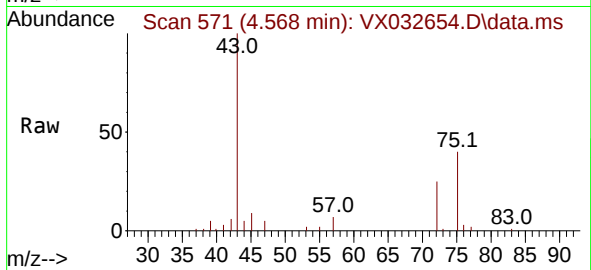
Tgt Ion: 43 Resp: 23427
Ion Ratio Lower Upper
43 100
58 27.9 23.8 35.8





#25
2-Butanone
Concen: 17.509 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX032654.D
Acq: 08 Nov 2022 15:17

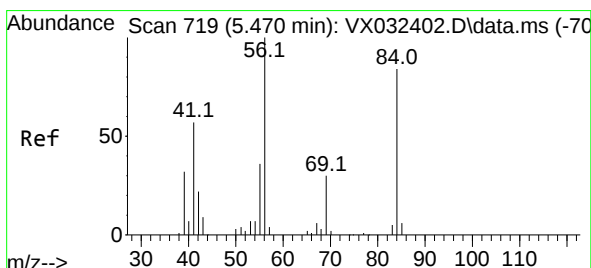
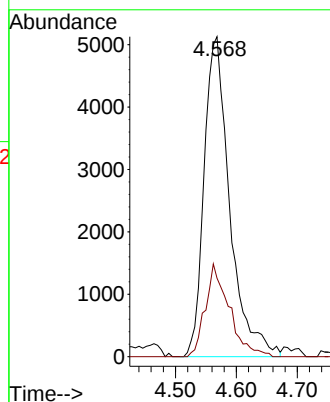
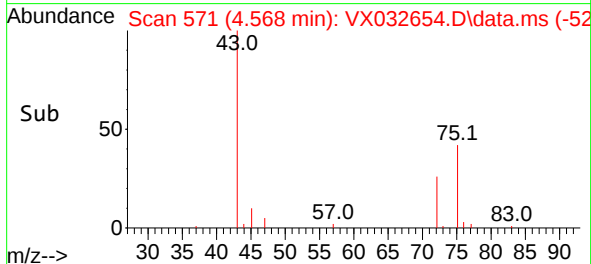
Instrument :
MSVOA_X
ClientSampleId :
MW-6



Tgt Ion: 43 Resp: 1501
Ion Ratio Lower Upper
43 100
72 24.6 22.2 33.2

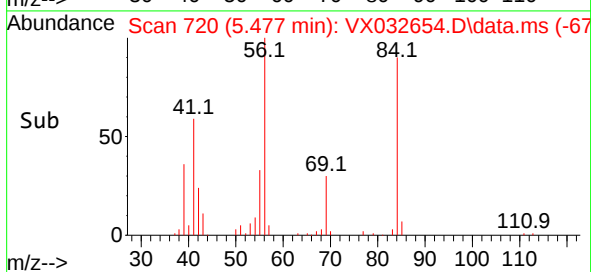
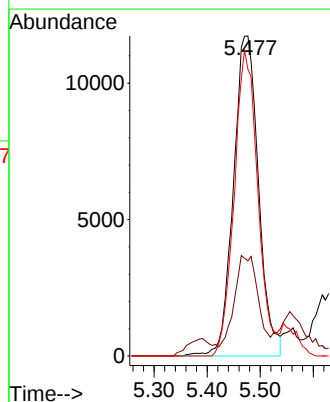
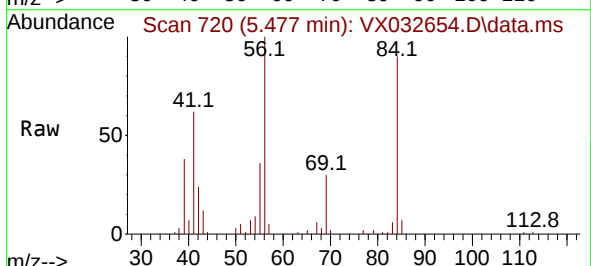
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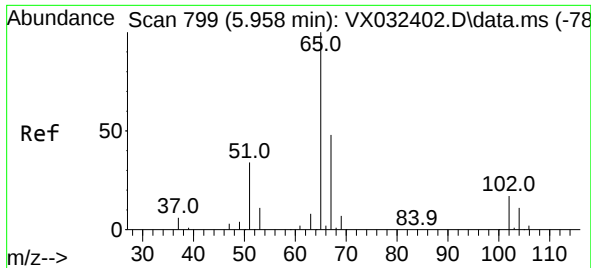
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#31
Cyclohexane
Concen: 20.851 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX032654.D
Acq: 08 Nov 2022 15:17

Tgt Ion: 56 Resp: 38502
Ion Ratio Lower Upper
56 100
69 28.4 24.1 36.1
84 89.6 66.9 100.3





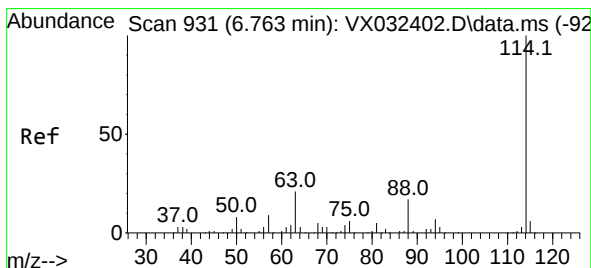
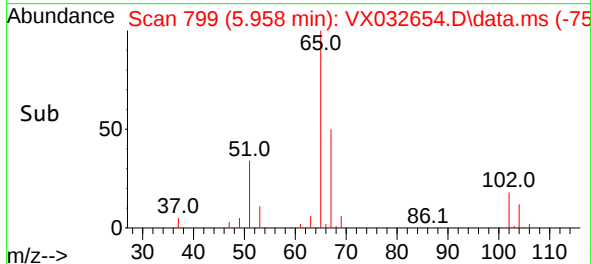
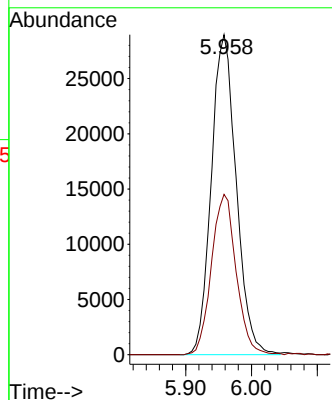
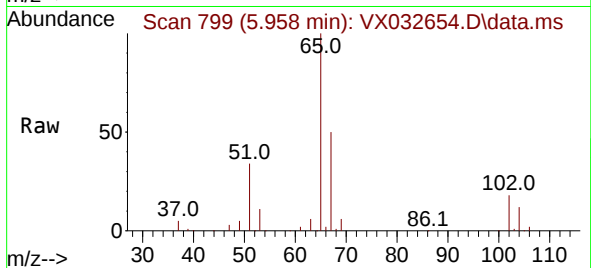
#33
 1,2-Dichloroethane-d4
 Concen: 50.164 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX032654.D
 Acq: 08 Nov 2022 15:17

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Tgt Ion: 65 Resp: 7639
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 101.8

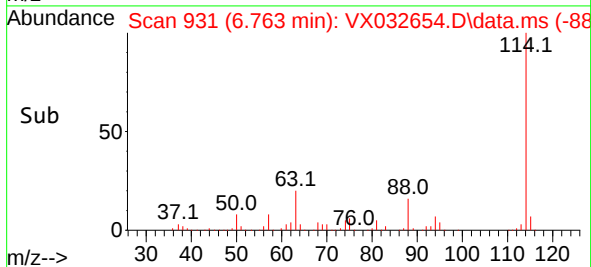
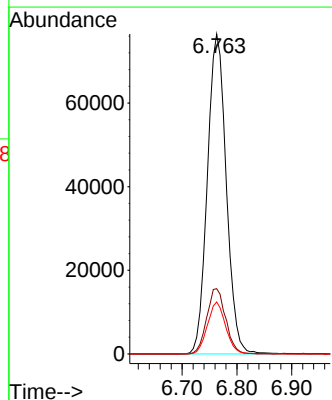
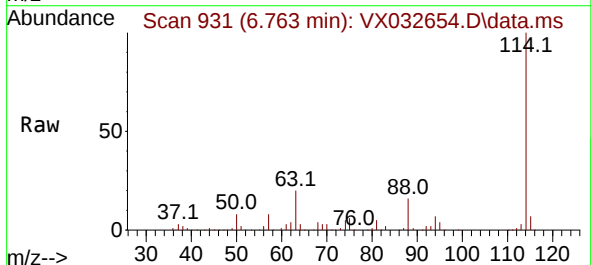
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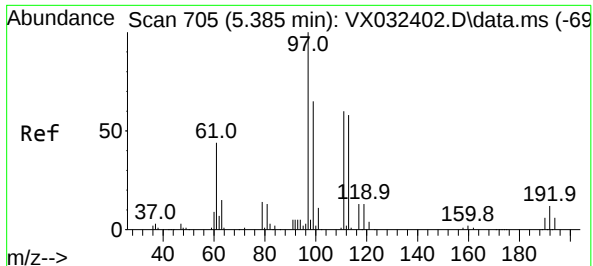
Reviewed By :John Carlone 11/09/2022
 Supervised By :Mahesh Dadoda 11/09/2022



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX032654.D
 Acq: 08 Nov 2022 15:17

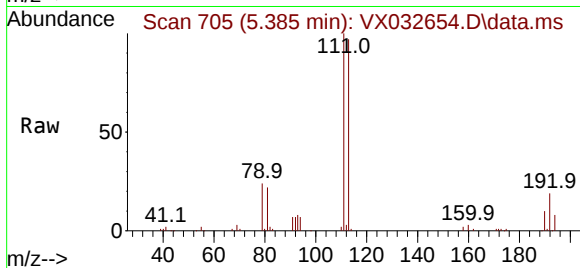
Tgt Ion:114 Resp: 182609
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.6
 88 16.2 0.0 33.4





#35
Dibromofluoromethane
Concen: 45.932 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032654.D
Acq: 08 Nov 2022 15:17

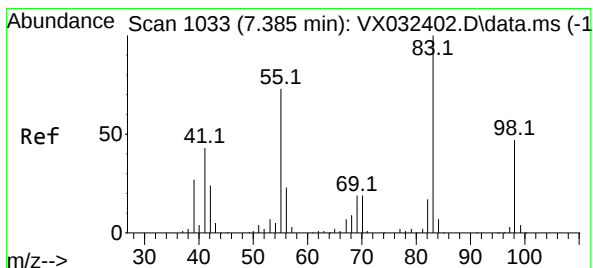
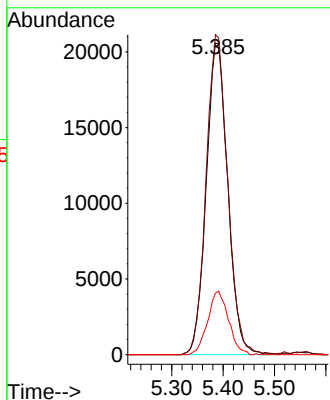
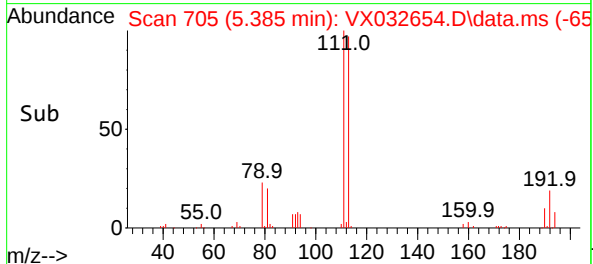
Instrument :
MSVOA_X
ClientSampleId :
MW-6



Tgt Ion: 113 Resp: 59830
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 19.7 15.4 23.2

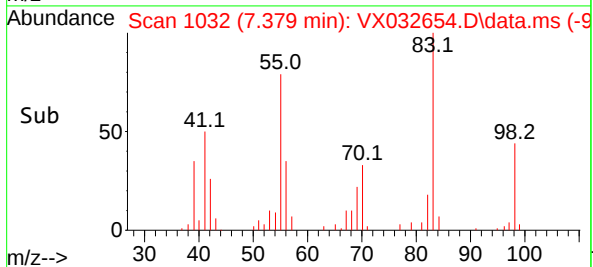
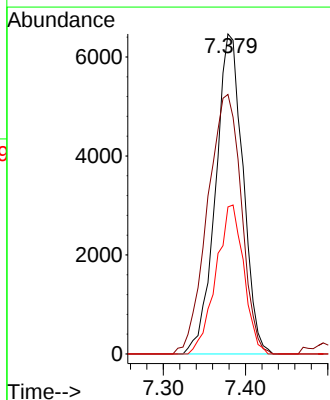
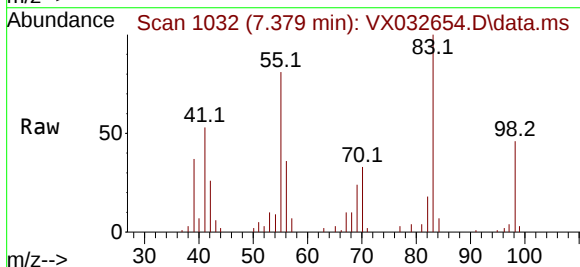
Manual Integrations
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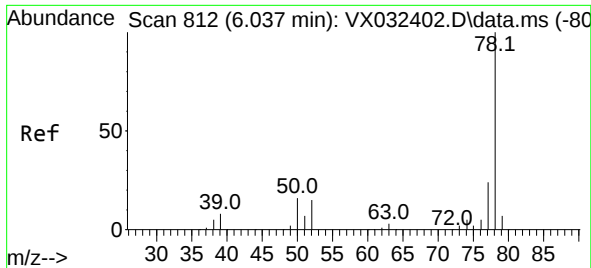
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#39
Methylcyclohexane
Concen: 6.969 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX032654.D
Acq: 08 Nov 2022 15:17

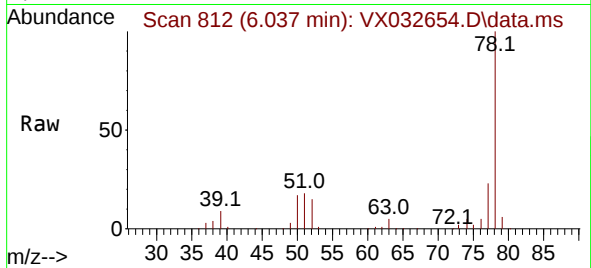
Tgt Ion: 83 Resp: 14956
Ion Ratio Lower Upper
83 100
55 81.1 58.4 87.6
98 46.0 37.2 55.8





#40
Benzene
Concen: 24.303 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX032654.D
Acq: 08 Nov 2022 15:17

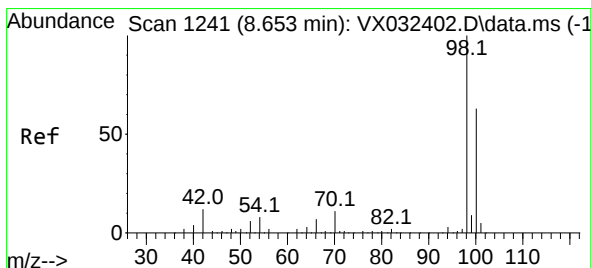
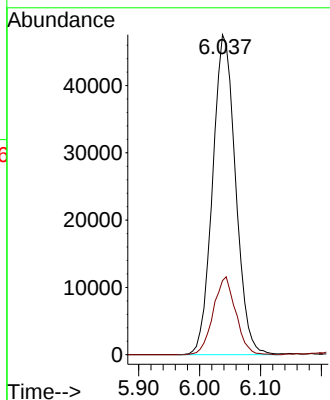
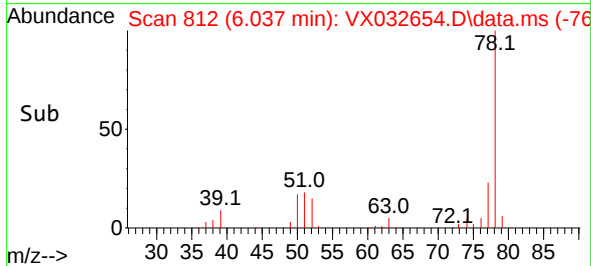
Instrument :
MSVOA_X
ClientSampleId :
MW-6



Tgt Ion: 78 Resp: 124748
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.4

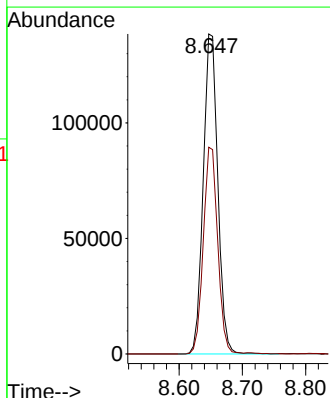
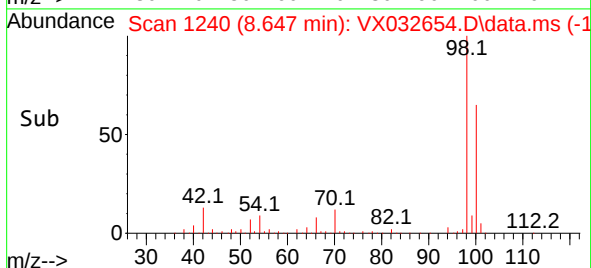
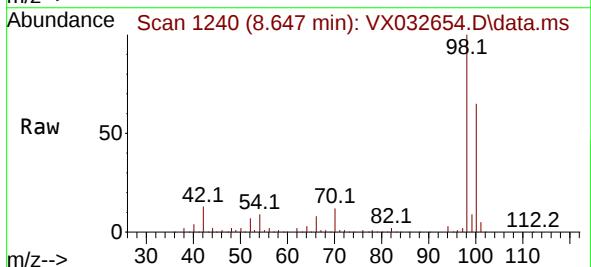
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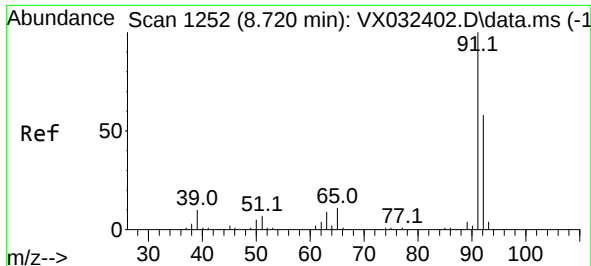
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#50
Toluene-d8
Concen: 48.967 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032654.D
Acq: 08 Nov 2022 15:17

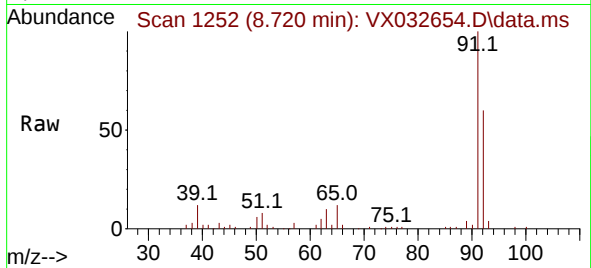
Tgt Ion: 98 Resp: 221787
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3





#52
Toluene
Concen: 7.398 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032654.D
Acq: 08 Nov 2022 15:17

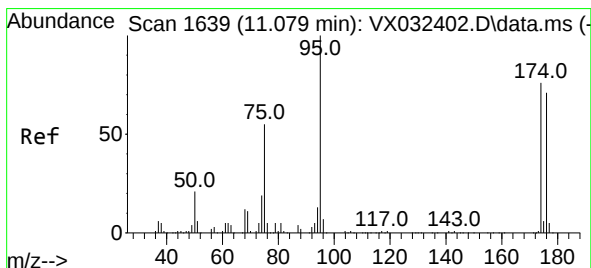
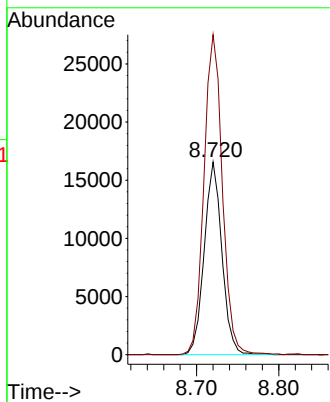
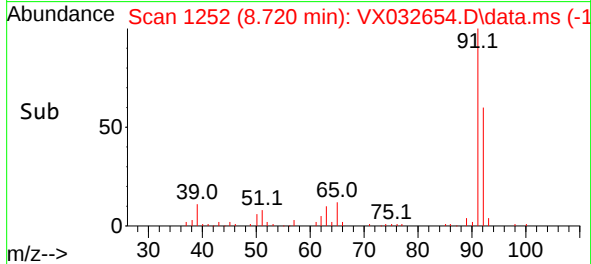
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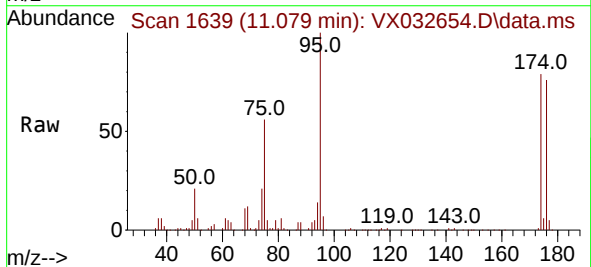
Tgt Ion: 92 Resp: 24775
Ion Ratio Lower Upper
92 100
91 173.0 138.3 207.5

Manual Integrations
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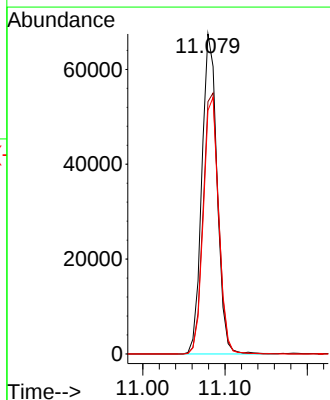
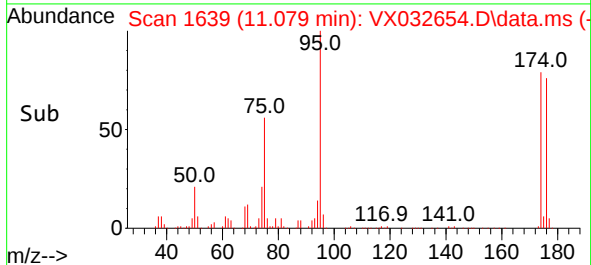
Reviewed By :John Carlone 11/09/2022
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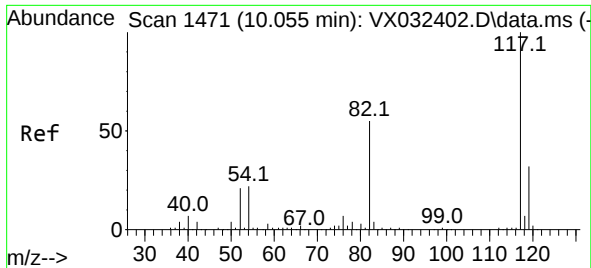


#62
4-Bromofluorobenzene
Concen: 49.022 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032654.D
Acq: 08 Nov 2022 15:17



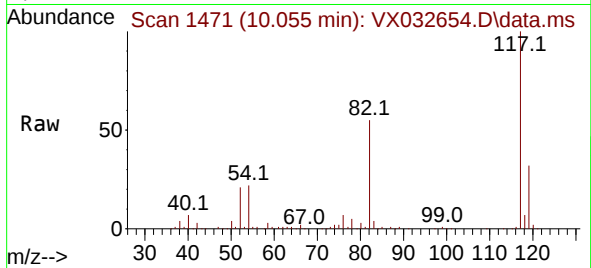
Tgt Ion: 95 Resp: 86733
Ion Ratio Lower Upper
95 100
174 83.1 0.0 164.0
176 80.9 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032654.D
Acq: 08 Nov 2022 15:17

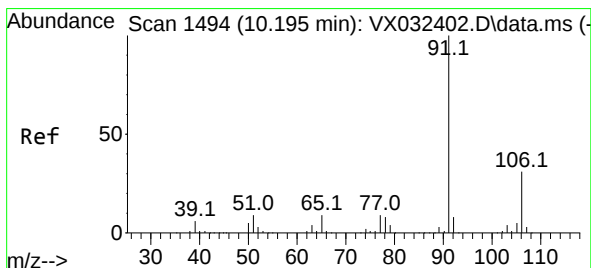
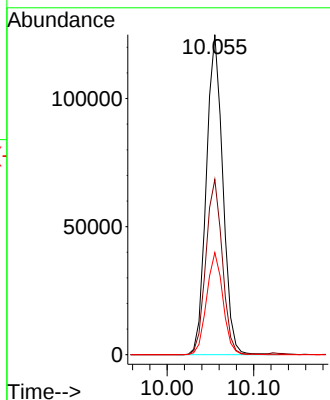
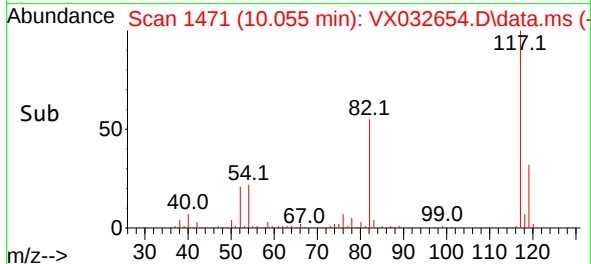
Instrument :
MSVOA_X
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MW-6



Tgt Ion:117 Resp: 165132
Ion Ratio Lower Upper
117 100
82 54.8 44.3 66.5
119 31.9 25.7 38.5

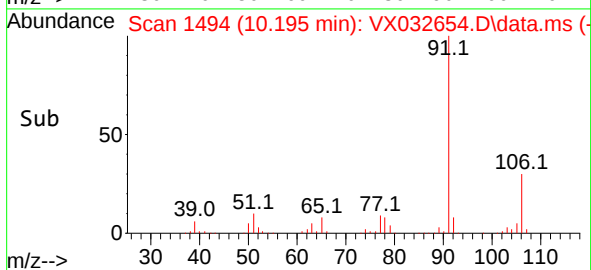
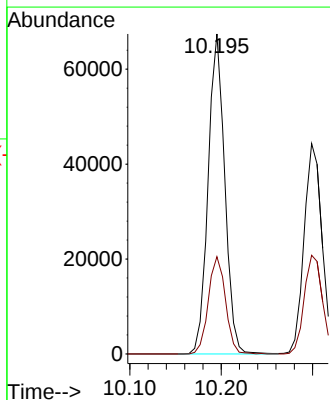
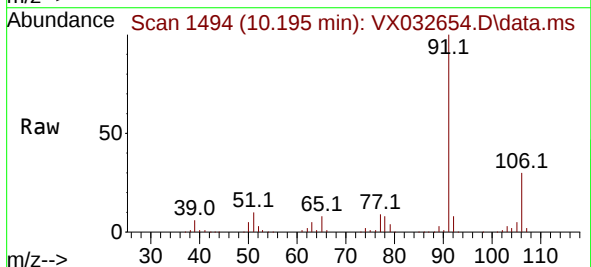
Manual Integrations
APPROVED

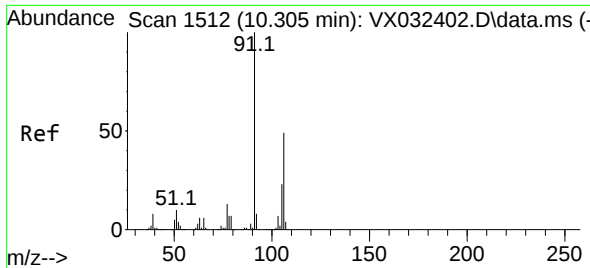
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#67
Ethyl Benzene
Concen: 12.855 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032654.D
Acq: 08 Nov 2022 15:17

Tgt Ion: 91 Resp: 85032
Ion Ratio Lower Upper
91 100
106 30.4 25.0 37.6





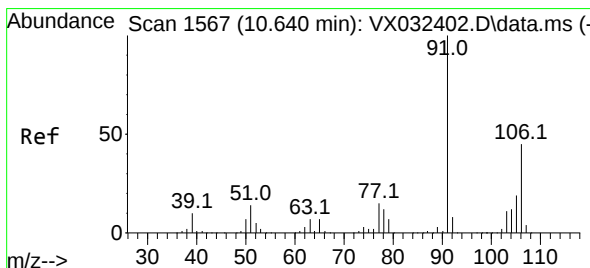
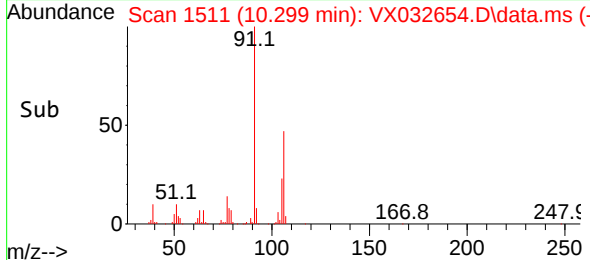
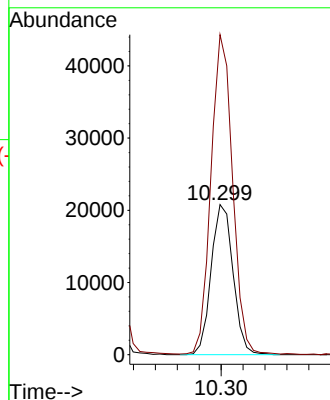
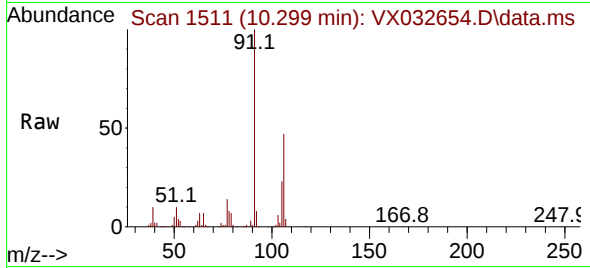
#68
m/p-Xylenes
Concen: 11.242 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032654.D
Acq: 08 Nov 2022 15:17

Instrument :
MSVOA_X
ClientSampleId :
MW-6

Tgt Ion:106 Resp: 28870
Ion Ratio Lower Upper
106 100
91 210.1 164.5 246.7

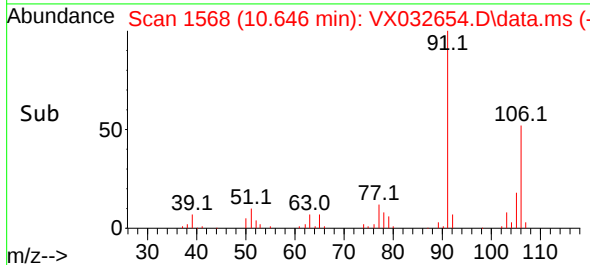
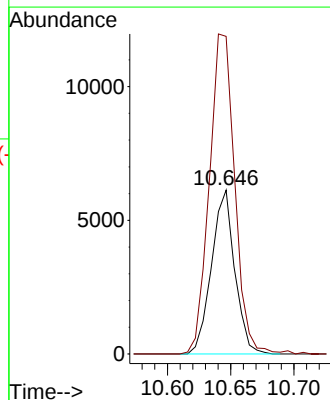
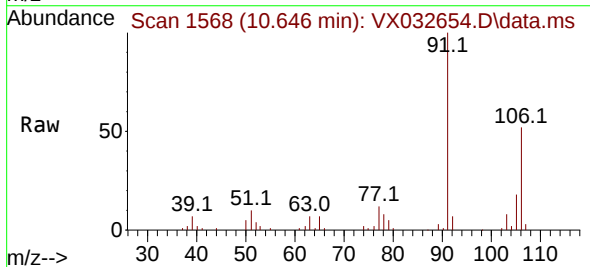
Manual Integrations
APPROVED

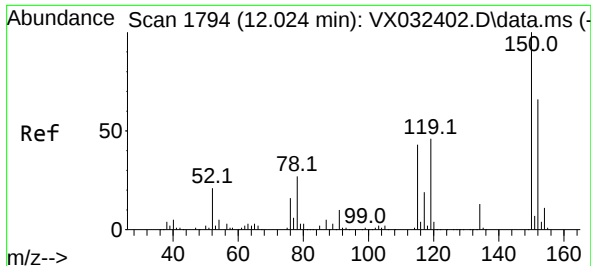
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#69
o-Xylene
Concen: 3.132 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX032654.D
Acq: 08 Nov 2022 15:17

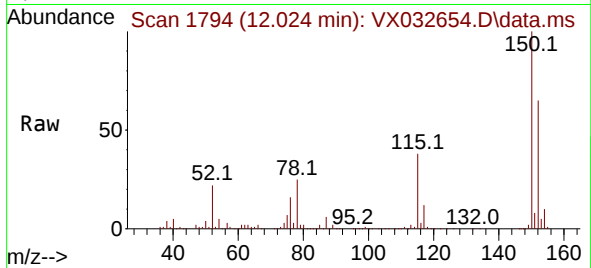
Tgt Ion:106 Resp: 7822
Ion Ratio Lower Upper
106 100
91 214.4 109.2 327.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032654.D
Acq: 08 Nov 2022 15:17

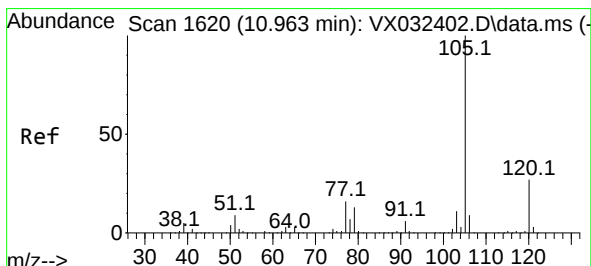
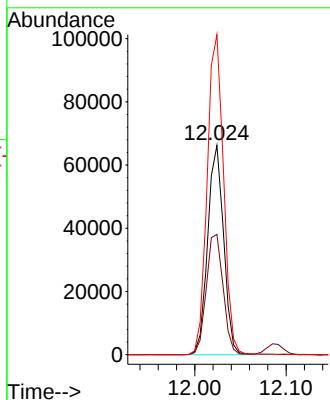
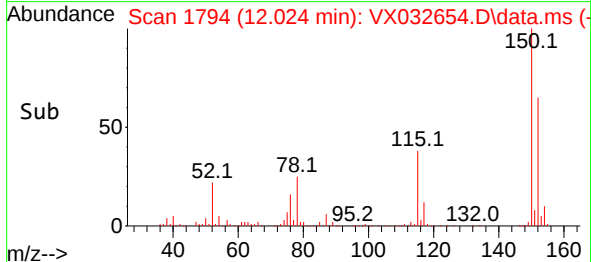
Instrument :
MSVOA_X
ClientSampleId :
MW-6



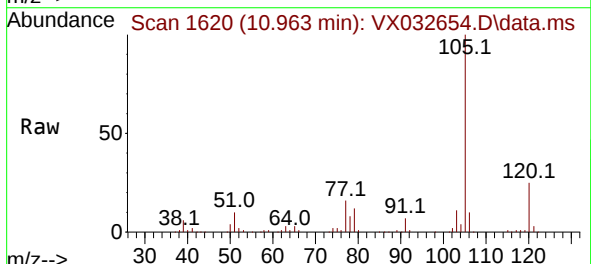
Tgt Ion:152 Resp: 80144
Ion Ratio Lower Upper
152 100
115 60.7 44.0 132.0
150 156.8 0.0 351.8

Manual Integrations
APPROVED

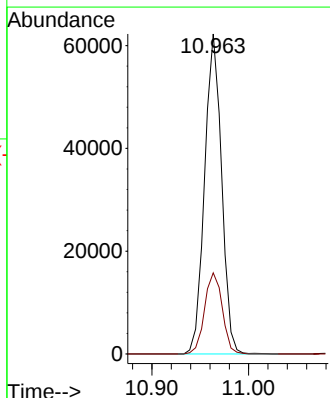
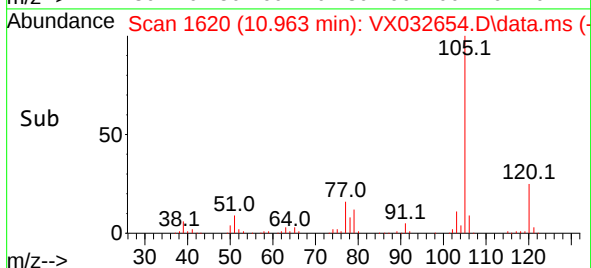
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

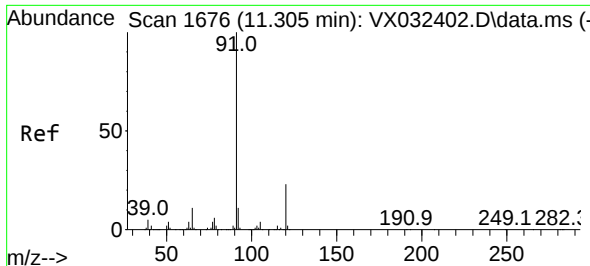


#73
Isopropylbenzene
Concen: 11.989 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032654.D
Acq: 08 Nov 2022 15:17



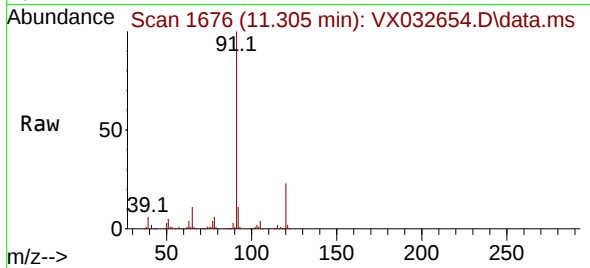
Tgt Ion:105 Resp: 76141
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.3





#78
n-propylbenzene
Concen: 25.410 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX032654.D
Acq: 08 Nov 2022 15:17

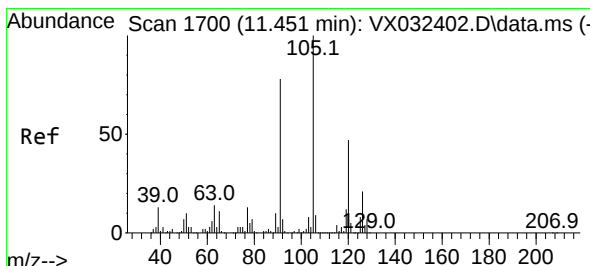
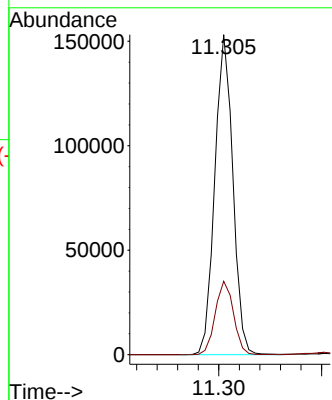
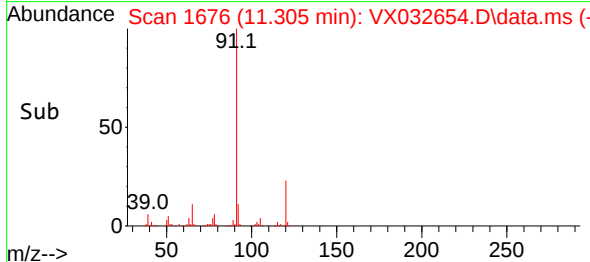
Instrument :
MSVOA_X
ClientSampleId :
MW-6



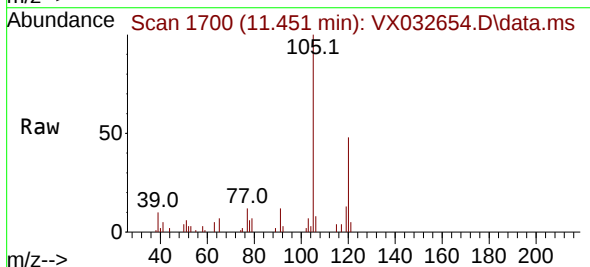
Tgt Ion: 91 Resp: 18592
Ion Ratio Lower Upper
91 100
120 23.2 11.6 34.8

Manual Integrations
APPROVED

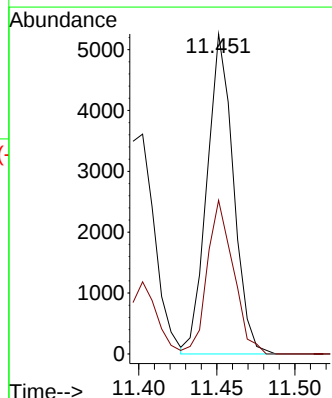
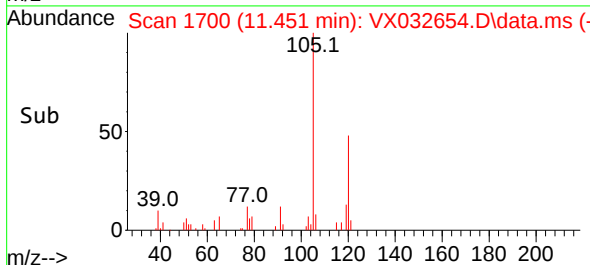
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

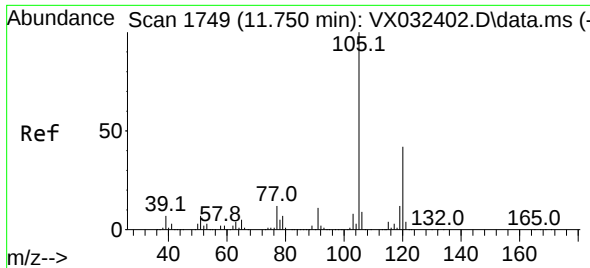


#80
1,3,5-Trimethylbenzene
Concen: 1.141 ug/l m
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032654.D
Acq: 08 Nov 2022 15:17



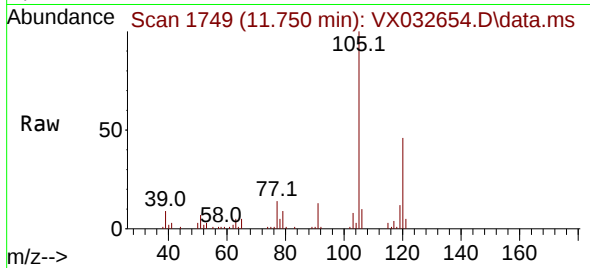
Tgt Ion:105 Resp: 6191
Ion Ratio Lower Upper
105 100
120 1151.3 23.6 71.0#





#84
1,2,4-Trimethylbenzene
Concen: 2.516 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX032654.D
Acq: 08 Nov 2022 15:17

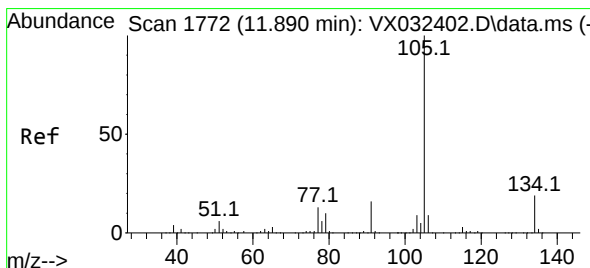
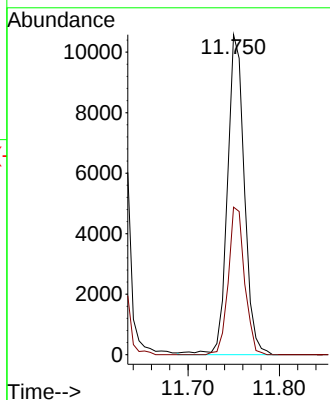
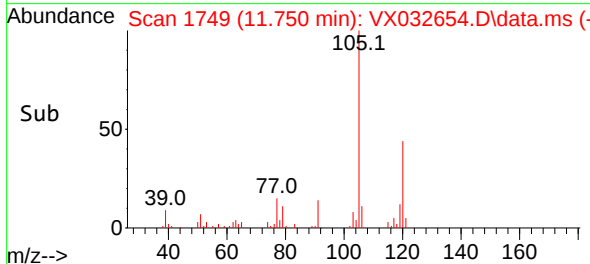
Instrument :
MSVOA_X
ClientSampleId :
MW-6



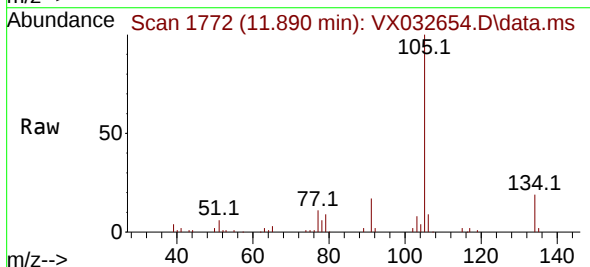
Tgt Ion:105 Resp: 13584
Ion Ratio Lower Upper
105 100
120 44.4 21.9 65.5

Manual Integrations
APPROVED

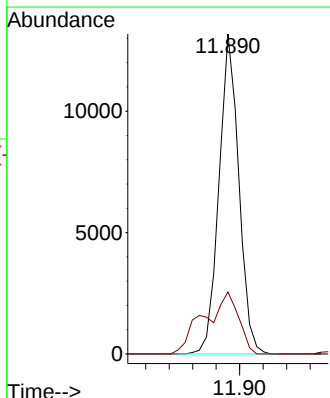
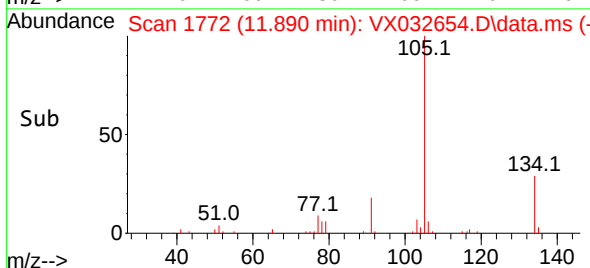
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

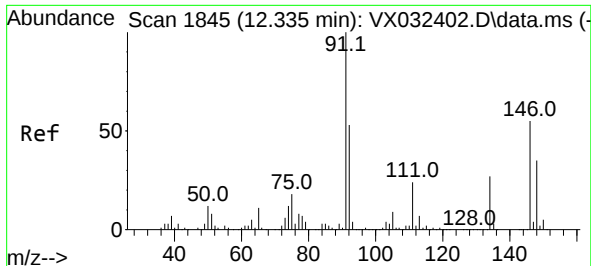


#85
sec-Butylbenzene
Concen: 2.367 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX032654.D
Acq: 08 Nov 2022 15:17



Tgt Ion:105 Resp: 15436
Ion Ratio Lower Upper
105 100
134 33.8 9.9 29.7#





#89

n-Butylbenzene

Concen: 2.211 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX032654.D

Acq: 08 Nov 2022 15:17

Instrument :

MSVOA_X

ClientSampleId :

MW-6

Tgt Ion: 91 Resp: 10644

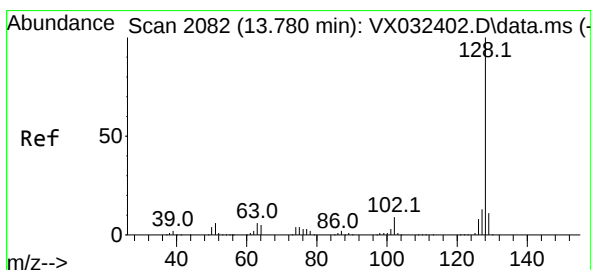
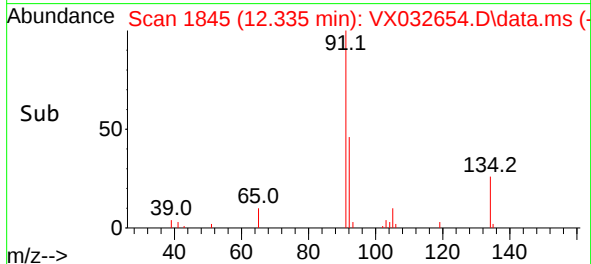
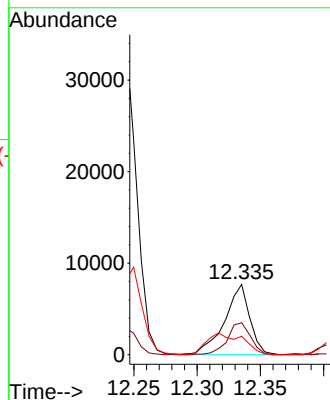
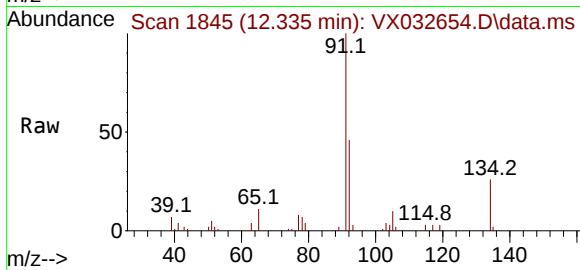
Ion	Ratio	Lower	Upper
91	100		
92	42.0	26.2	78.6
134	44.3	12.9	38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2022

Supervised By :Mahesh Dadoda 11/09/2022



#95

Naphthalene

Concen: 49.728 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX032654.D

Acq: 08 Nov 2022 15:17

Tgt Ion:128 Resp: 312875

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.9	8.9	13.3

