

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120822\
 Data File : VX033320.D
 Acq On : 08 Dec 2022 13:55
 Operator : JC/MD
 Sample : N5906-07DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13RDL

Quant Time: Dec 09 00:47:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	150523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	240035	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103298	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46256	47.901	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.800%		
35) Dibromofluoromethane	5.391	113	49928	46.245	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.500%		
50) Toluene-d8	8.653	98	107158	47.446	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.900%		
62) 4-Bromofluorobenzene	11.079	95	83785	48.517	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.040%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.946	59	7856m	26.610	ug/l	
19) Methyl tert-butyl Ether	3.117	73	10650	2.253	ug/l #	1
31) Cyclohexane	5.470	56	15214	6.629	ug/l	94
39) Methylcyclohexane	7.379	83	14624	6.207	ug/l	96
40) Benzene	6.037	78	133632	21.774	ug/l	99
52) Toluene	8.720	92	12148	3.061	ug/l	100
64) Tetrachloroethene	9.275	164	302	0.209	ug/l	89
67) Ethyl Benzene	10.195	91	272549	36.497	ug/l	99
68) m/p-Xylenes	10.305	106	49461	17.023	ug/l	99
69) o-Xylene	10.640	106	15933	5.548	ug/l	98
73) Isopropylbenzene	10.963	105	64588	8.627	ug/l	100
78) n-propylbenzene	11.305	91	208613	24.954	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	9569	1.535	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	118030	18.972	ug/l	99
85) sec-Butylbenzene	11.890	105	11144	1.537	ug/l	95
89) n-Butylbenzene	12.329	91	15517	3.031	ug/l #	61
95) Naphthalene	13.774	128	146666m	21.262	ug/l	

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

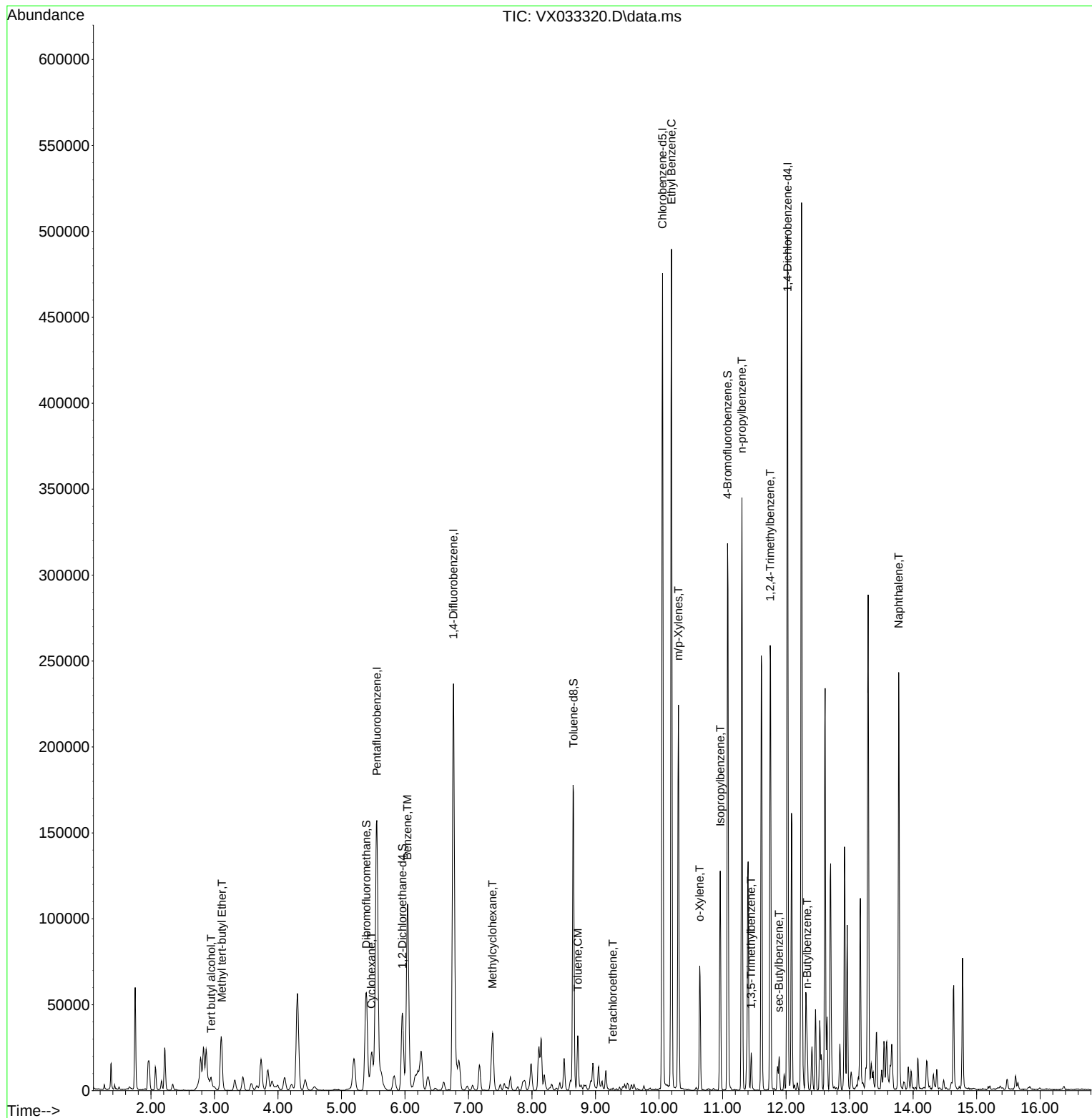
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120822\
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Quant Time: Dec 09 00:47:10 2022
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Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
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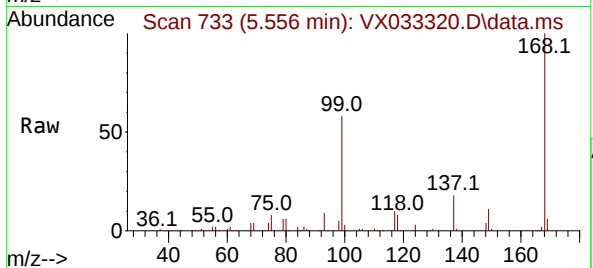
Reviewed By : John Carlone 12/09/2022
Supervised By : Mahesh Dadoda 12/09/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033320.D
Acq: 08 Dec 2022 13:55

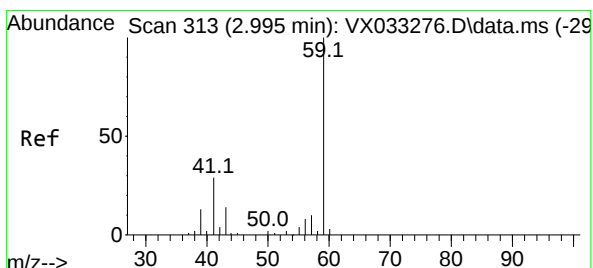
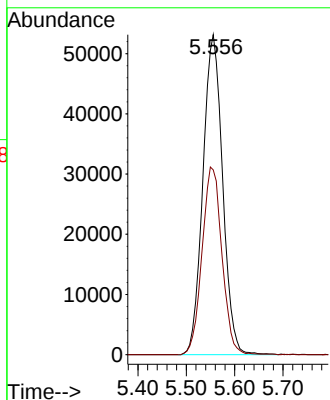
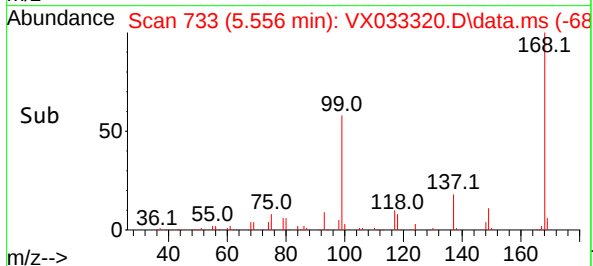
Instrument :
MSVOA_X
ClientSampleId :
MW-13RDL



Tgt Ion:168 Resp: 15052
Ion Ratio Lower Upper
168 100
99 57.7 46.1 69.1

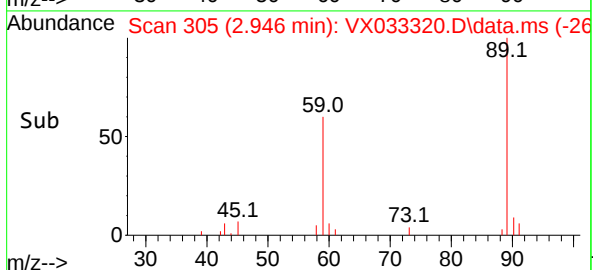
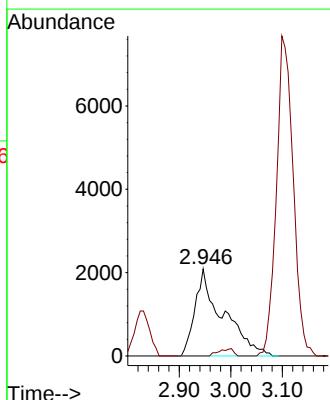
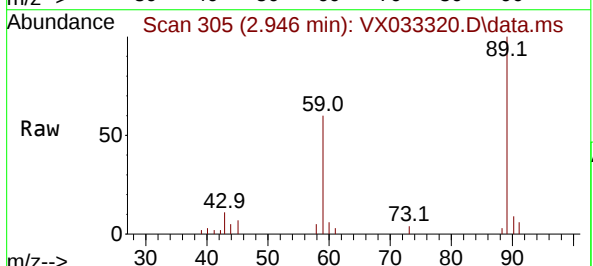
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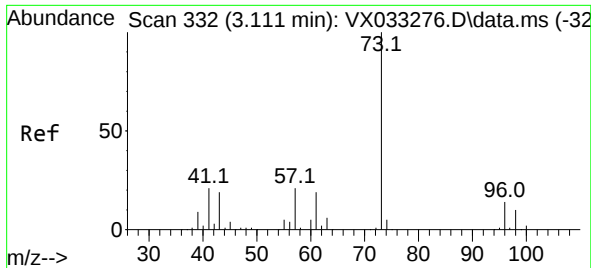
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#11
Tert butyl alcohol
Concen: 26.610 ug/l m
RT: 2.946 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX033320.D
Acq: 08 Dec 2022 13:55

Tgt Ion: 59 Resp: 7856
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





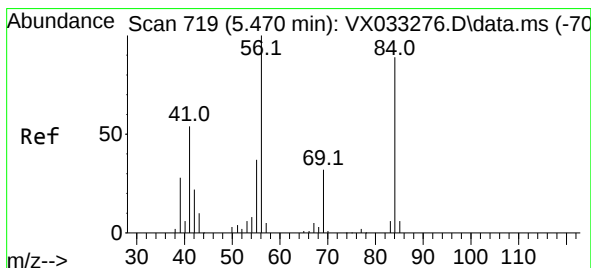
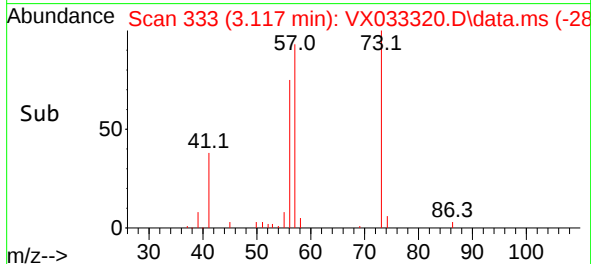
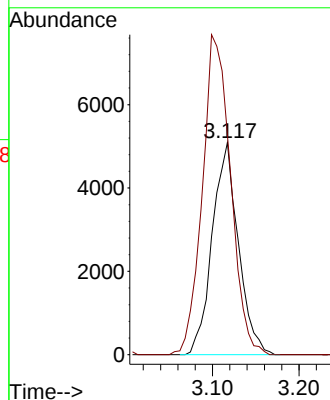
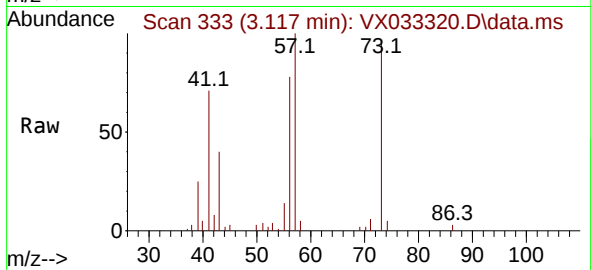
#19
Methyl tert-butyl Ether
Concen: 2.253 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX033320.D
Acq: 08 Dec 2022 13:55

Instrument :
MSVOA_X
ClientSampleId :
MW-13RDL

Tgt Ion: 73 Resp: 10650
Ion Ratio Lower Upper
73 100
57 103.8 16.6 25.0

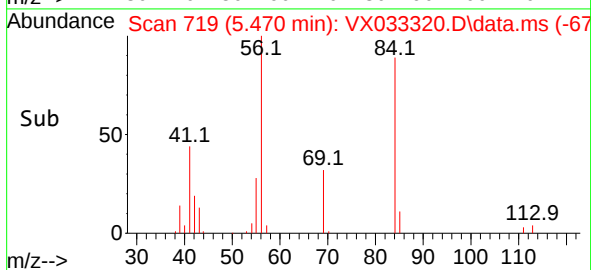
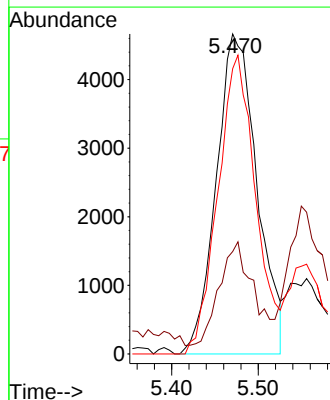
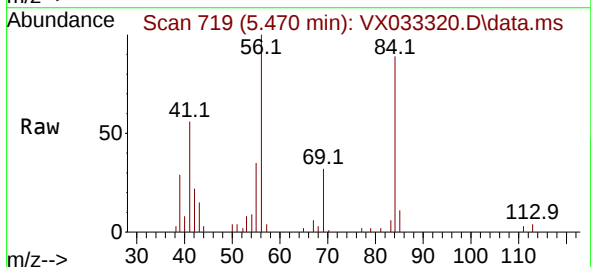
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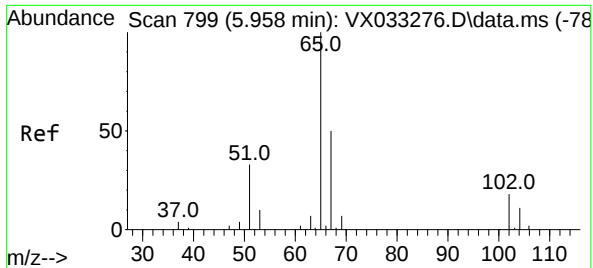
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#31
Cyclohexane
Concen: 6.629 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033320.D
Acq: 08 Dec 2022 13:55

Tgt Ion: 56 Resp: 15214
Ion Ratio Lower Upper
56 100
69 26.3 24.1 36.1
84 89.2 66.9 100.3





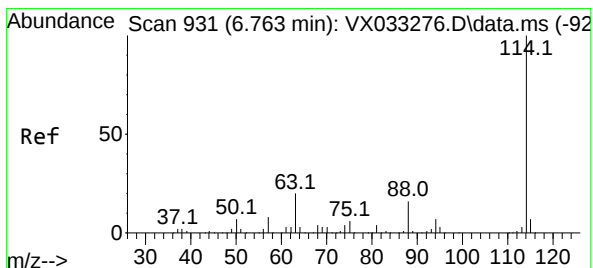
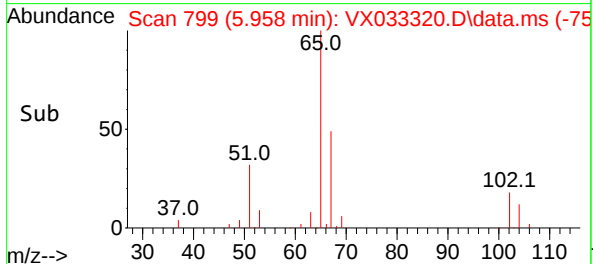
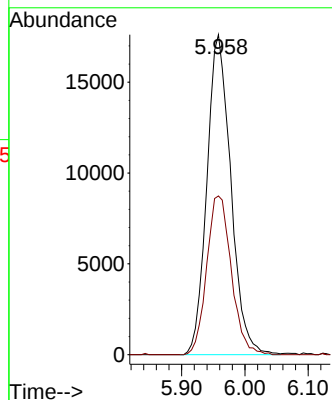
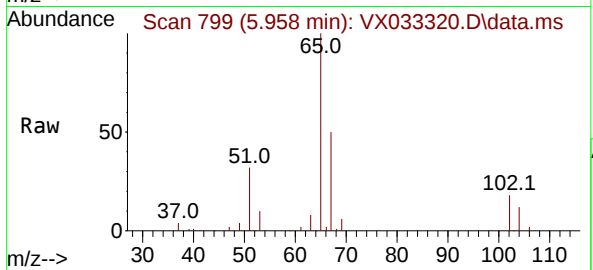
#33
1,2-Dichloroethane-d4
Concen: 47.901 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033320.D
Acq: 08 Dec 2022 13:55

Instrument :
MSVOA_X
ClientSampleId :
MW-13RDL

Tgt Ion: 65 Resp: 46250
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.8

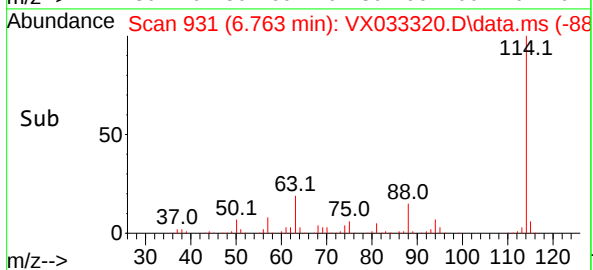
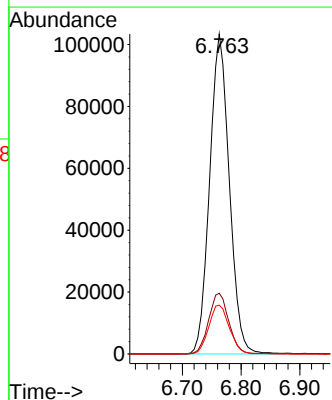
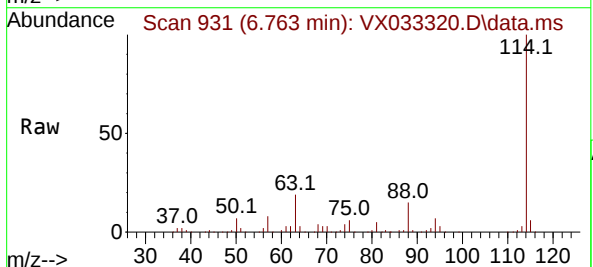
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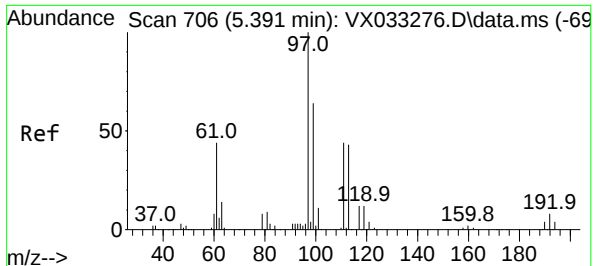
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX033320.D
Acq: 08 Dec 2022 13:55

Tgt Ion:114 Resp: 240035
Ion Ratio Lower Upper
114 100
63 18.9 0.0 41.6
88 15.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.245 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX033320.D

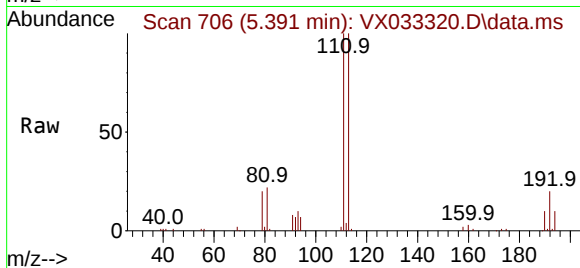
Acq: 08 Dec 2022 13:55

Instrument :

MSVOA_X

ClientSampleId :

MW-13RDL



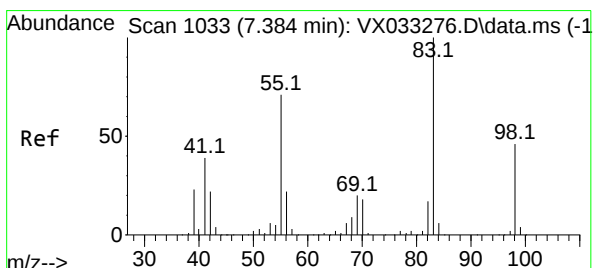
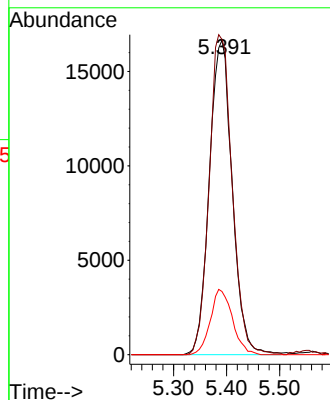
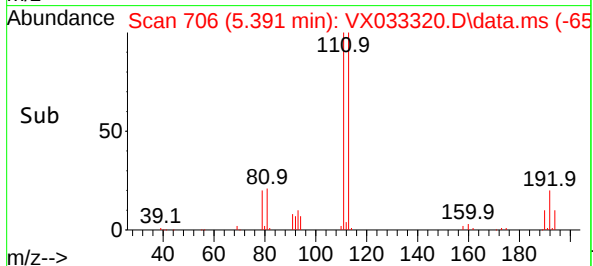
Tgt Ion:	113	Resp:	49928
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.4	123.6
192	20.0	15.4	23.2

Manual Integrations

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Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#39

Methylcyclohexane

Concen: 6.207 ug/l

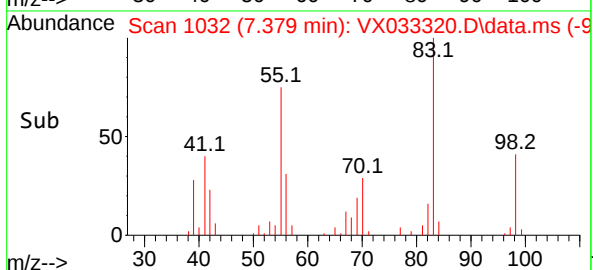
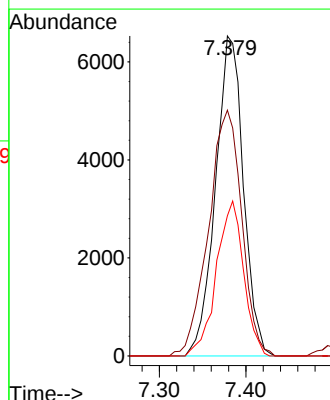
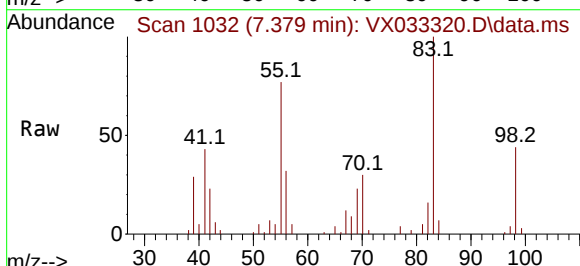
RT: 7.379 min Scan# 1032

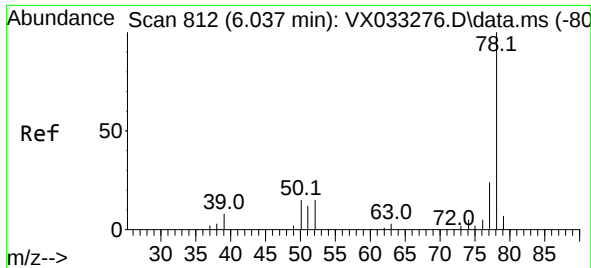
Delta R.T. -0.006 min

Lab File: VX033320.D

Acq: 08 Dec 2022 13:55

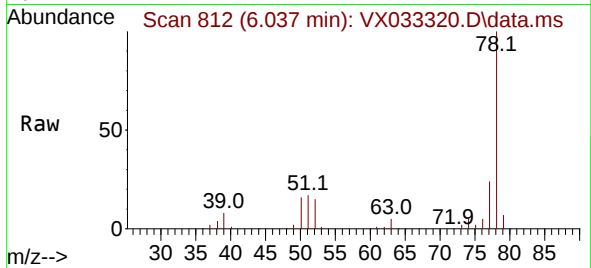
Tgt Ion:	83	Resp:	14624
Ion	Ratio	Lower	Upper
83	100		
55	76.8	58.4	87.6
98	43.8	37.2	55.8





#40
Benzene
Concen: 21.774 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033320.D
Acq: 08 Dec 2022 13:55

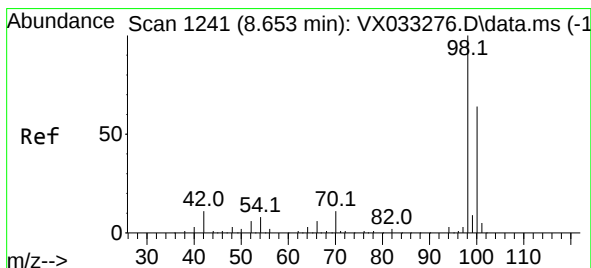
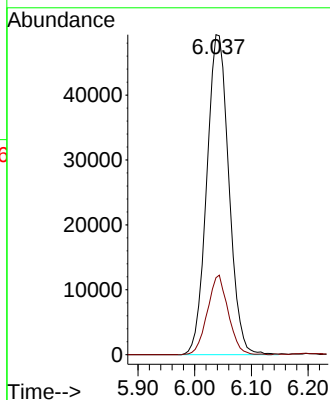
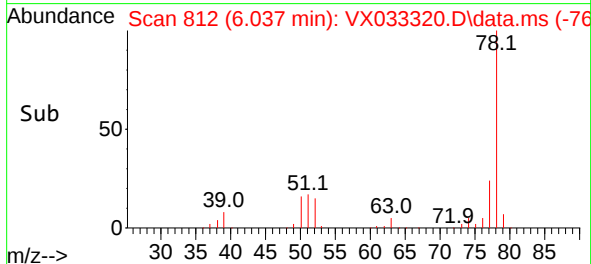
Instrument :
MSVOA_X
Client Sample Id :
MW-13RDL



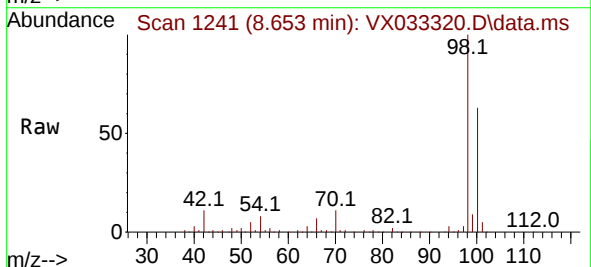
Tgt Ion: 78 Resp: 133632
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.4

Manual Integrations
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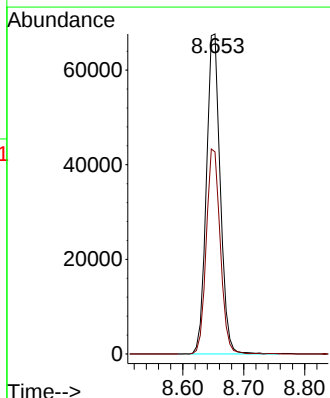
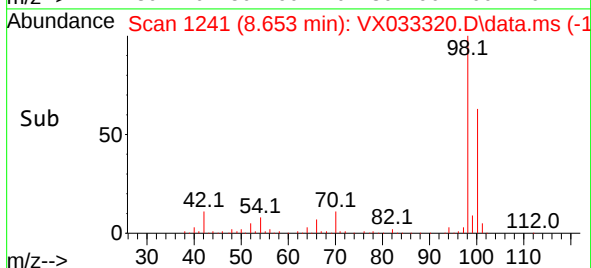
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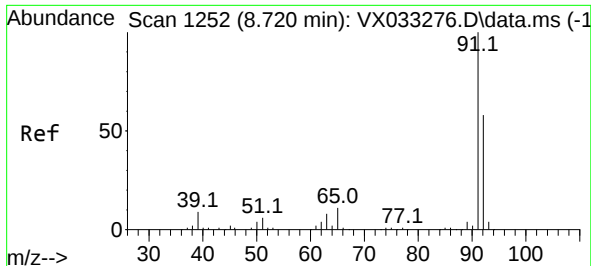


#50
Toluene-d8
Concen: 47.446 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX033320.D
Acq: 08 Dec 2022 13:55



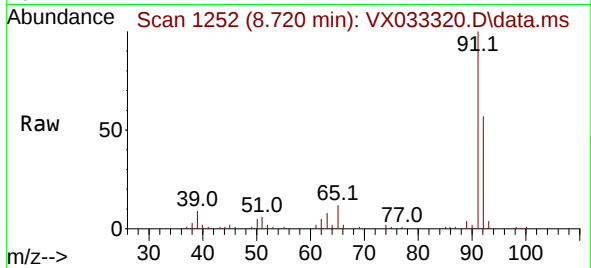
Tgt Ion: 98 Resp: 107158
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3





#52
Toluene
Concen: 3.061 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033320.D
Acq: 08 Dec 2022 13:55

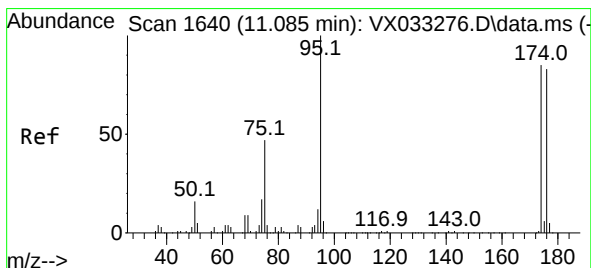
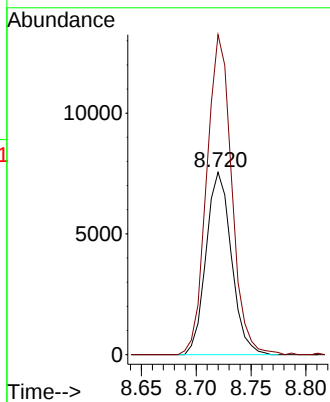
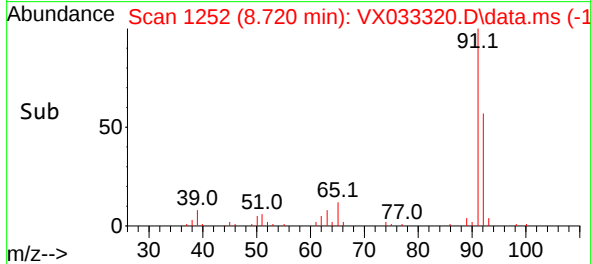
Instrument :
MSVOA_X
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MW-13RDL



Tgt Ion: 92 Resp: 12148
Ion Ratio Lower Upper
92 100
91 173.6 138.3 207.5

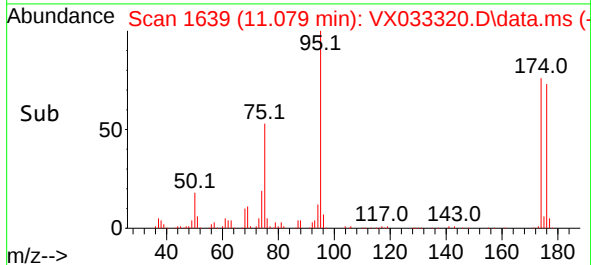
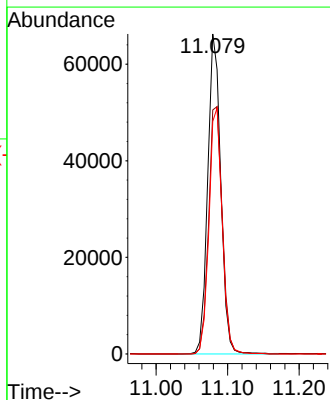
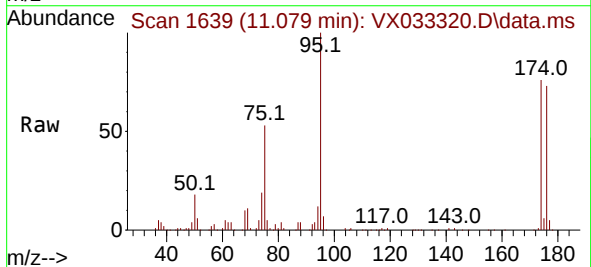
Manual Integrations
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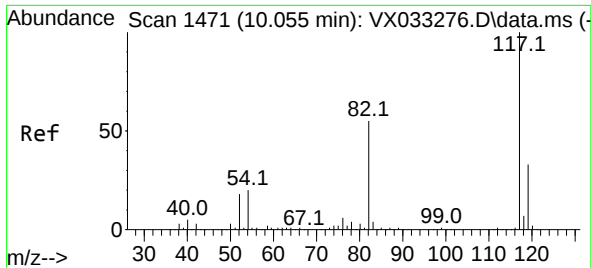
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#62
4-Bromofluorobenzene
Concen: 48.517 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033320.D
Acq: 08 Dec 2022 13:55

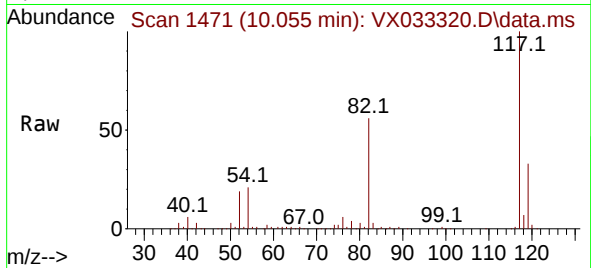
Tgt Ion: 95 Resp: 83785
Ion Ratio Lower Upper
95 100
174 81.4 0.0 164.0
176 78.0 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033320.D
Acq: 08 Dec 2022 13:55

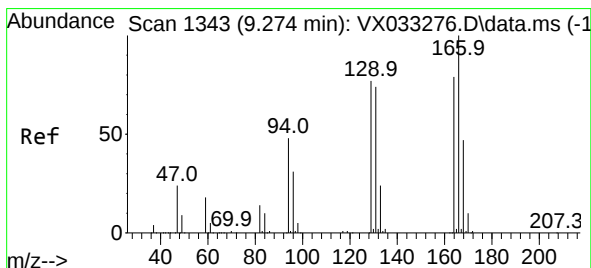
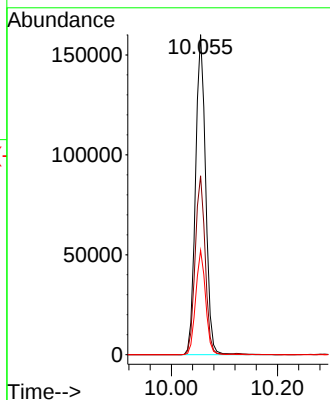
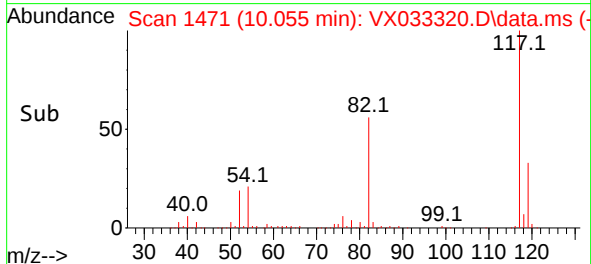
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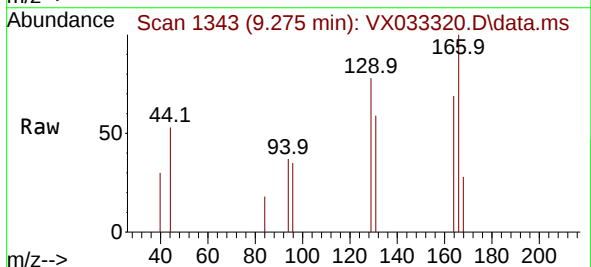
Tgt Ion:117 Resp: 211678
Ion Ratio Lower Upper
117 100
82 55.9 44.3 66.5
119 32.6 25.7 38.5

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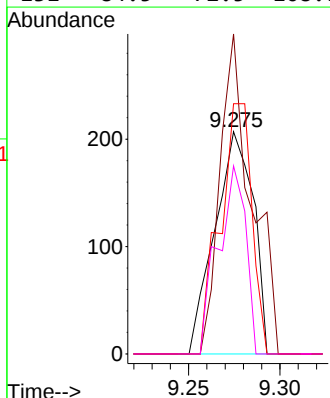
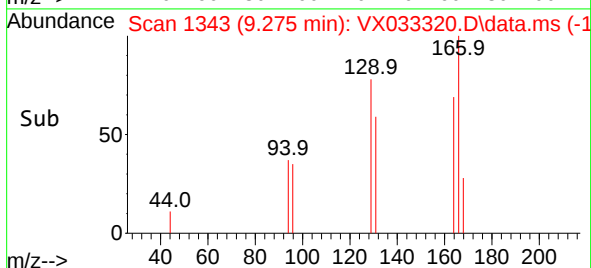
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

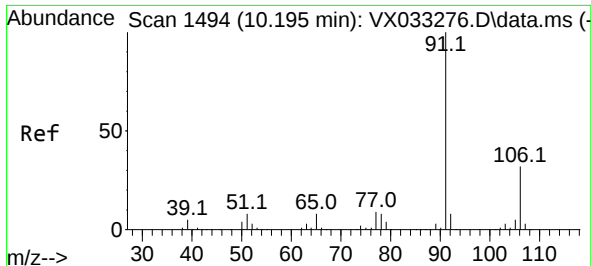


#64
Tetrachloroethene
Concen: 0.209 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033320.D
Acq: 08 Dec 2022 13:55



Tgt Ion:164 Resp: 302
Ion Ratio Lower Upper
164 100
166 144.0 105.4 158.2
129 112.6 78.2 117.2
131 84.5 72.5 108.7





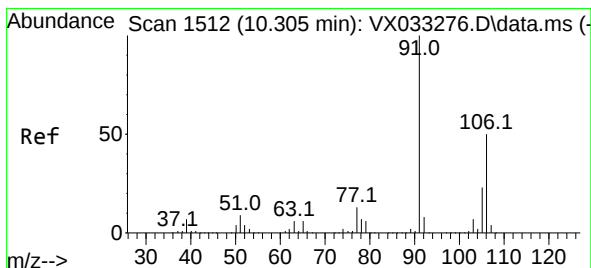
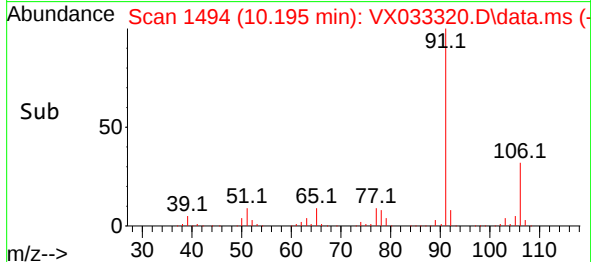
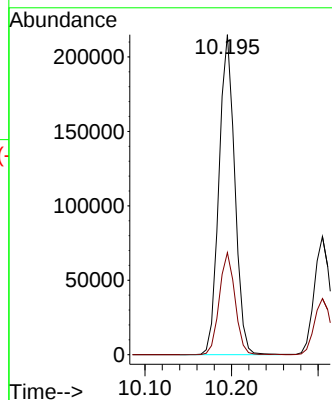
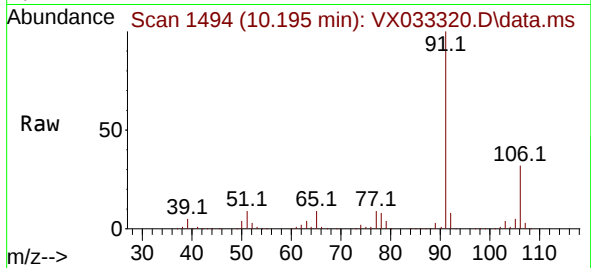
#67
Ethyl Benzene
Concen: 36.497 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033320.D
Acq: 08 Dec 2022 13:55

Instrument :
MSVOA_X
ClientSampleId :
MW-13RDL

Tgt Ion: 91 Resp: 272549
Ion Ratio Lower Upper
91 100
106 31.9 25.0 37.6

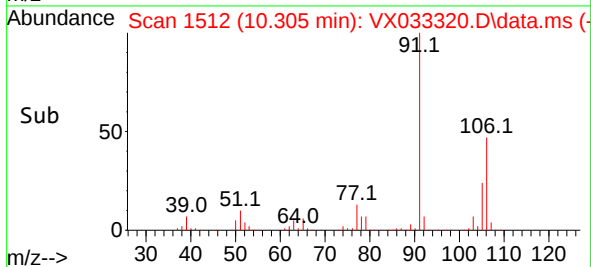
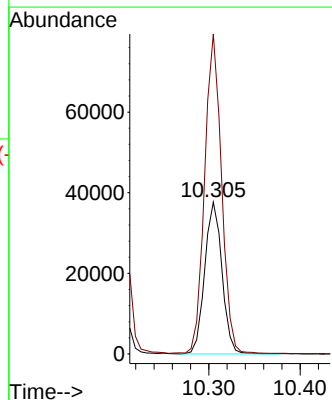
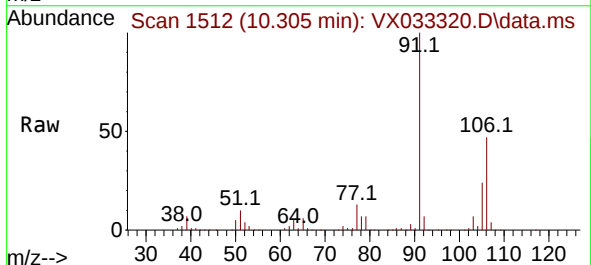
Manual Integrations
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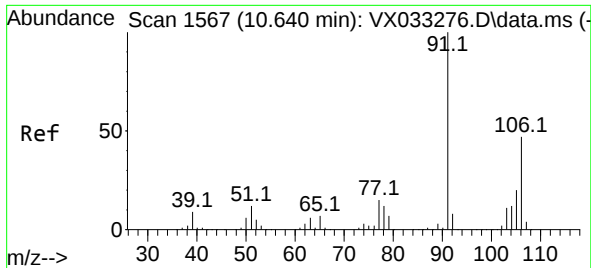
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#68
m/p-Xylenes
Concen: 17.023 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX033320.D
Acq: 08 Dec 2022 13:55

Tgt Ion:106 Resp: 49461
Ion Ratio Lower Upper
106 100
91 207.1 164.5 246.7





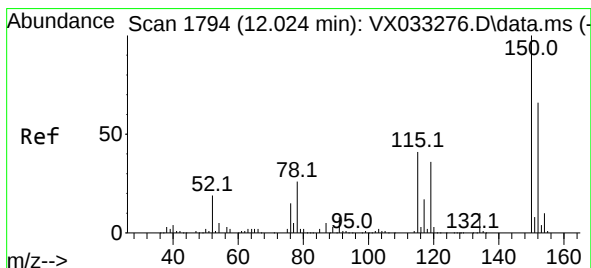
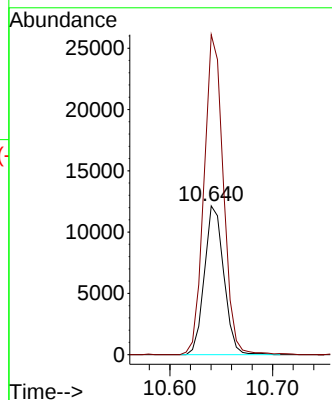
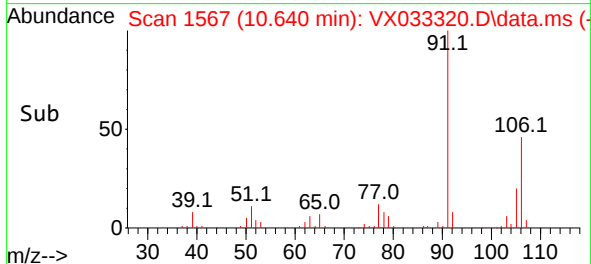
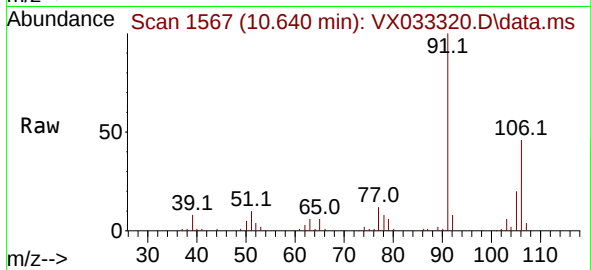
#69
o-Xylene
Concen: 5.548 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033320.D
Acq: 08 Dec 2022 13:55

Instrument :
MSVOA_X
ClientSampleId :
MW-13RDL

Tgt Ion:106 Resp: 1593
Ion Ratio Lower Upper
106 100
91 214.5 109.2 327.6

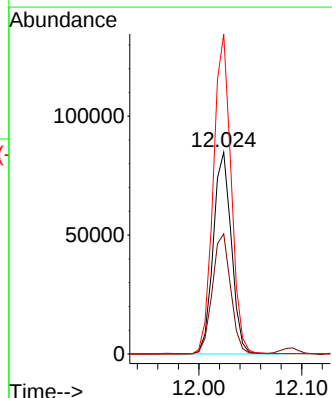
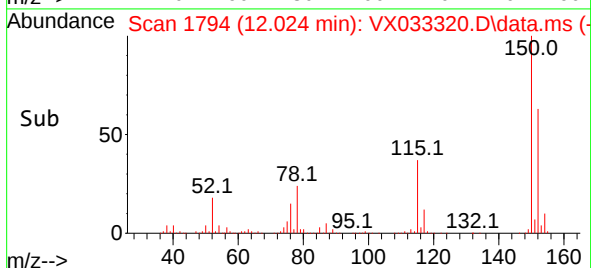
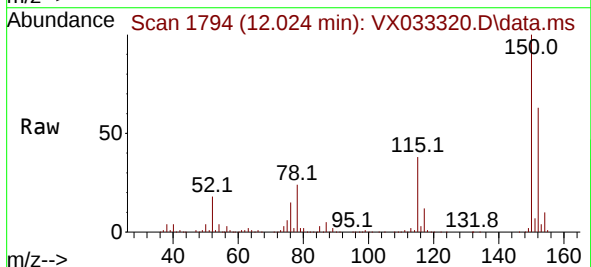
Manual Integrations
APPROVED

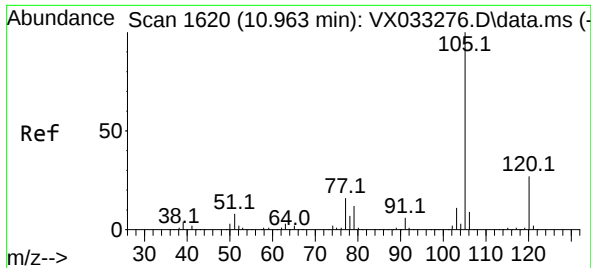
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033320.D
Acq: 08 Dec 2022 13:55

Tgt Ion:152 Resp: 103298
Ion Ratio Lower Upper
152 100
115 60.2 44.0 132.0
150 156.2 0.0 351.8





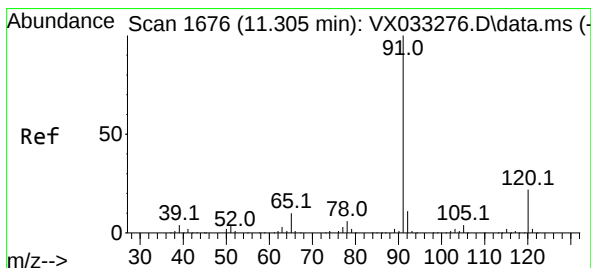
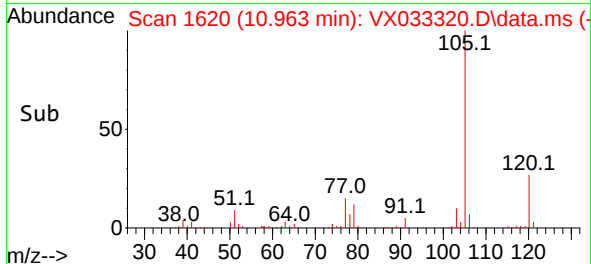
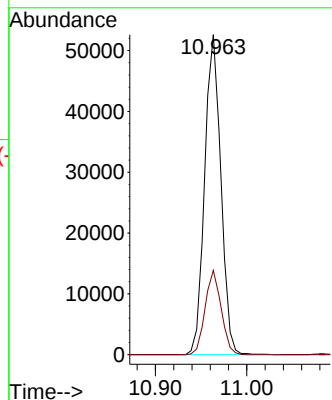
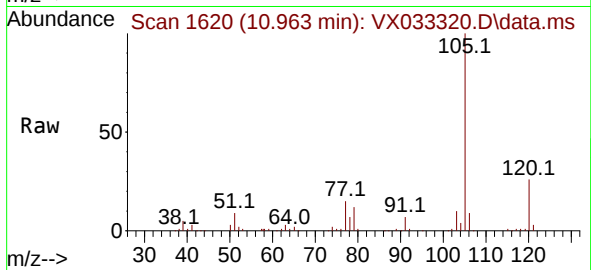
#73
Isopropylbenzene
Concen: 8.627 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033320.D
Acq: 08 Dec 2022 13:55

Instrument :
MSVOA_X
ClientSampleId :
MW-13RDL

Tgt Ion:105 Resp: 64588
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.3

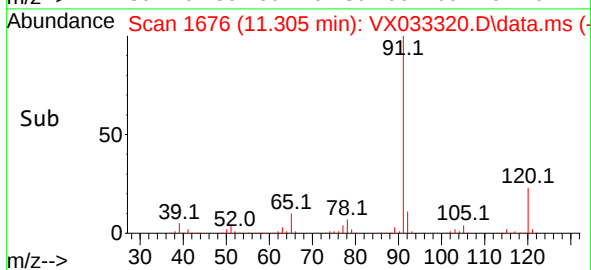
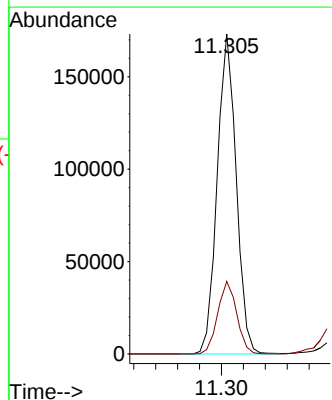
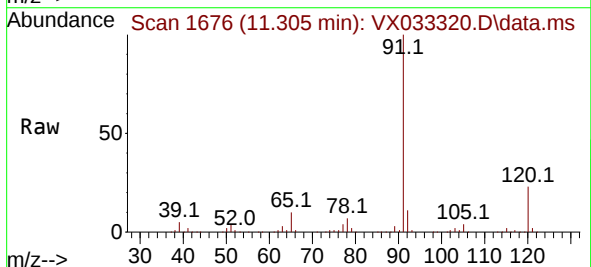
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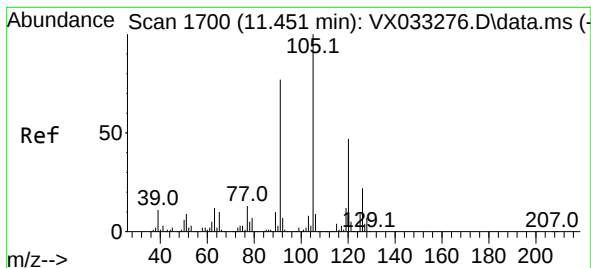
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#78
n-propylbenzene
Concen: 24.954 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033320.D
Acq: 08 Dec 2022 13:55

Tgt Ion: 91 Resp: 208613
Ion Ratio Lower Upper
91 100
120 22.8 11.6 34.8





#80

1,3,5-Trimethylbenzene

Concen: 1.535 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX033320.D

Acq: 08 Dec 2022 13:55

Instrument :

MSVOA_X

ClientSampleId :

MW-13RDL

Tgt Ion:105 Resp: 9569

Ion Ratio Lower Upper

105 100

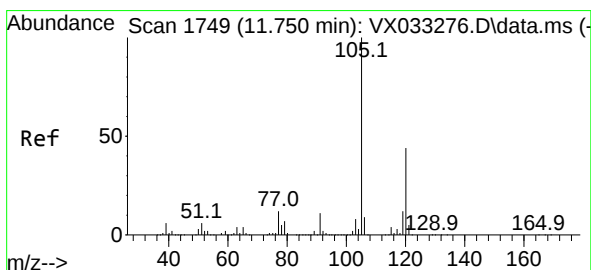
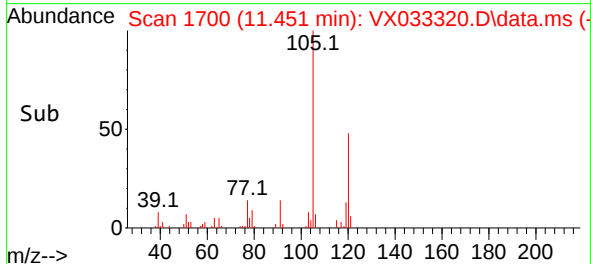
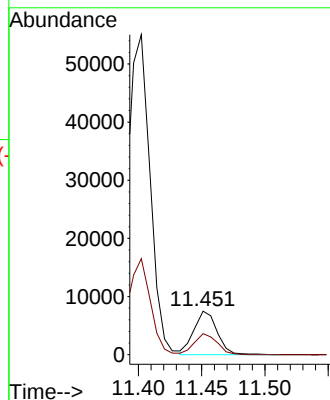
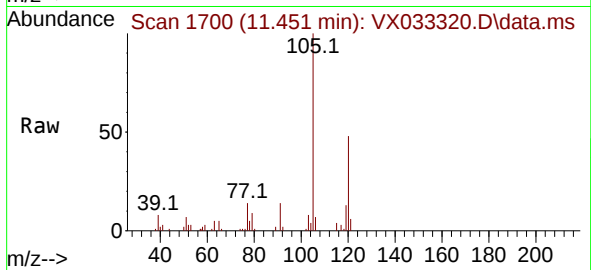
120 47.3 23.6 71.0

Manual Integrations

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Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#84

1,2,4-Trimethylbenzene

Concen: 18.972 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX033320.D

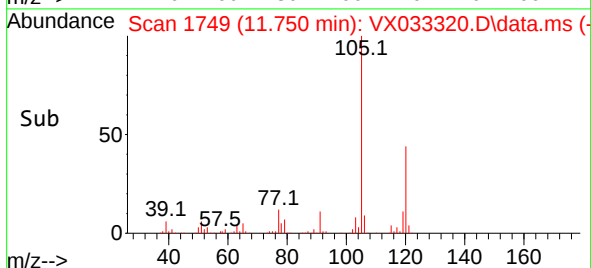
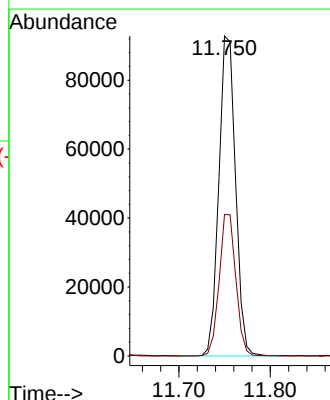
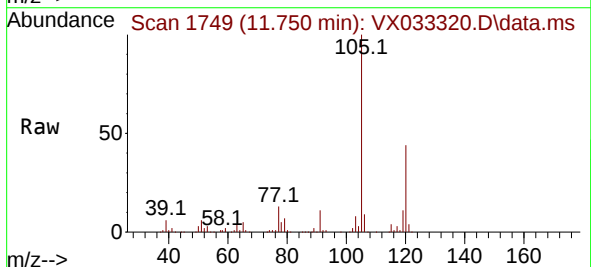
Acq: 08 Dec 2022 13:55

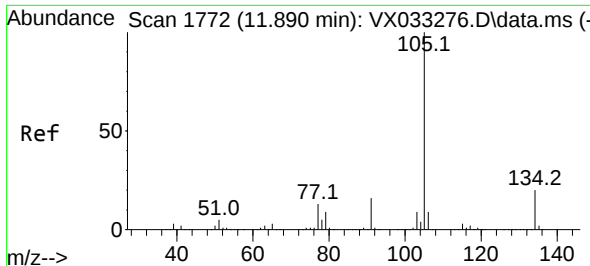
Tgt Ion:105 Resp: 118030

Ion Ratio Lower Upper

105 100

120 44.1 21.9 65.5





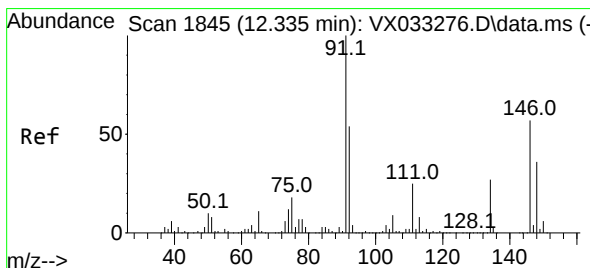
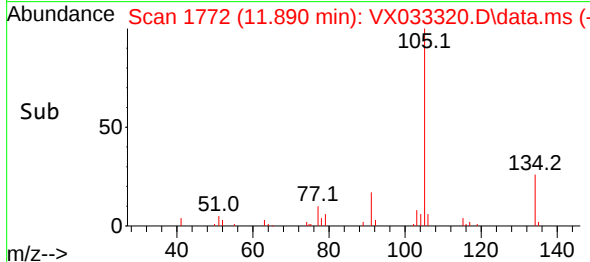
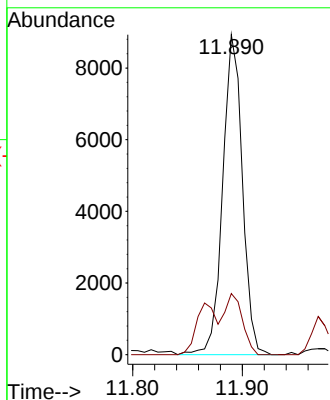
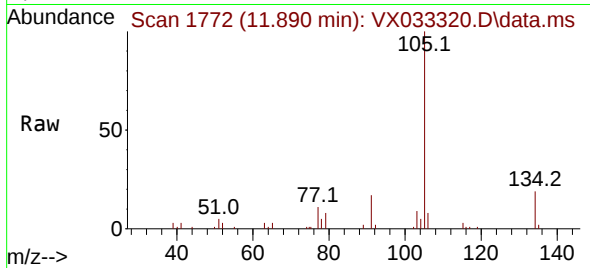
#85
sec-Butylbenzene
Concen: 1.537 ug/l
RT: 11.890 min Scan# 1114
Delta R.T. 0.000 min
Lab File: VX033320.D
Acq: 08 Dec 2022 13:55

Instrument :
MSVOA_X
ClientSampleId :
MW-13RDL

Tgt Ion:105 Resp: 1114
Ion Ratio Lower Upper
105 100
134 17.4 9.9 29.7

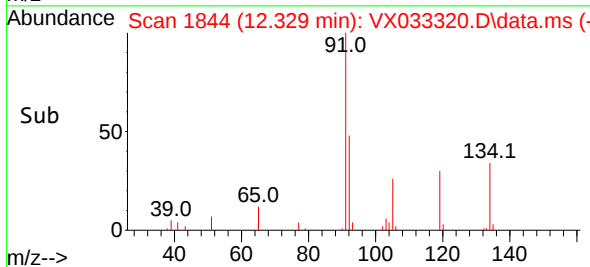
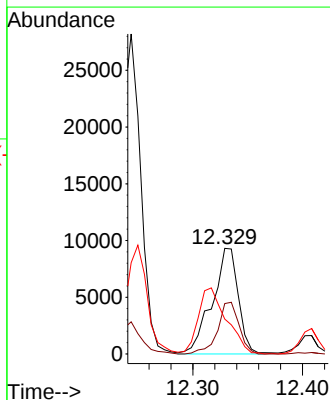
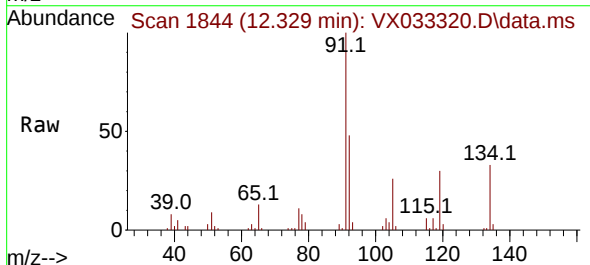
Manual Integrations
APPROVED

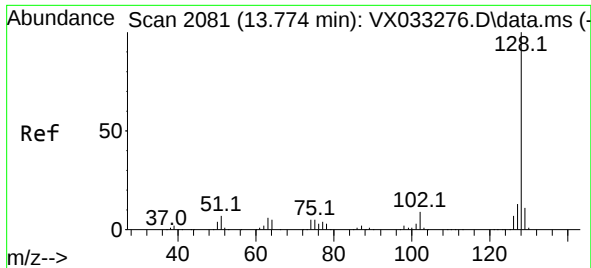
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#89
n-Butylbenzene
Concen: 3.031 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX033320.D
Acq: 08 Dec 2022 13:55

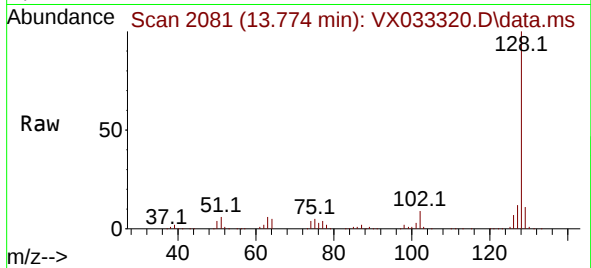
Tgt Ion: 91 Resp: 15517
Ion Ratio Lower Upper
91 100
92 40.0 26.2 78.6
134 67.1 12.9 38.6#





#95
Naphthalene
Concen: 21.262 ug/l m
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033320.D
Acq: 08 Dec 2022 13:55

Instrument :
MSVOA_X
ClientSampleId :
MW-13RDL



Tgt Ion:128 Resp: 146660
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4
129 0.0 8.9 13.3

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

