

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100322\
 Data File : VX031841.D
 Acq On : 03 Oct 2022 18:16
 Operator : JC/MD
 Sample : N4864-09 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/04/2022
 Supervised By : Mahesh Dadoda 10/06/2022

Quant Time: Oct 04 07:07:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 06:59:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	91532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	136364	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82467	50.289	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.580%			
35) Dibromofluoromethane	5.385	113	77498	47.834	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.660%			
50) Toluene-d8	8.647	98	276720	47.745	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.480%			
62) 4-Bromofluorobenzene	11.079	95	98897	47.384	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.760%			
Target Compounds						
					Qvalue	
39) Methylcyclohexane	7.373	83	1031	0.418	ug/l #	72
52) Toluene	8.720	92	834	0.205	ug/l	87
67) Ethyl Benzene	10.195	91	295172	39.773	ug/l	97
68) m/p-Xylenes	10.299	106	49360	16.110	ug/l	91
69) o-Xylene	10.646	106	2456	0.832	ug/l	95
73) Isopropylbenzene	10.963	105	17328	2.248	ug/l	96
78) n-propylbenzene	11.305	91	83594	9.922	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	33131	5.147	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	507615	79.238	ug/l	95
89) n-Butylbenzene	12.329	91	11810	2.187	ug/l #	25
95) Naphthalene	13.774	128	209769m	28.641	ug/l	

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

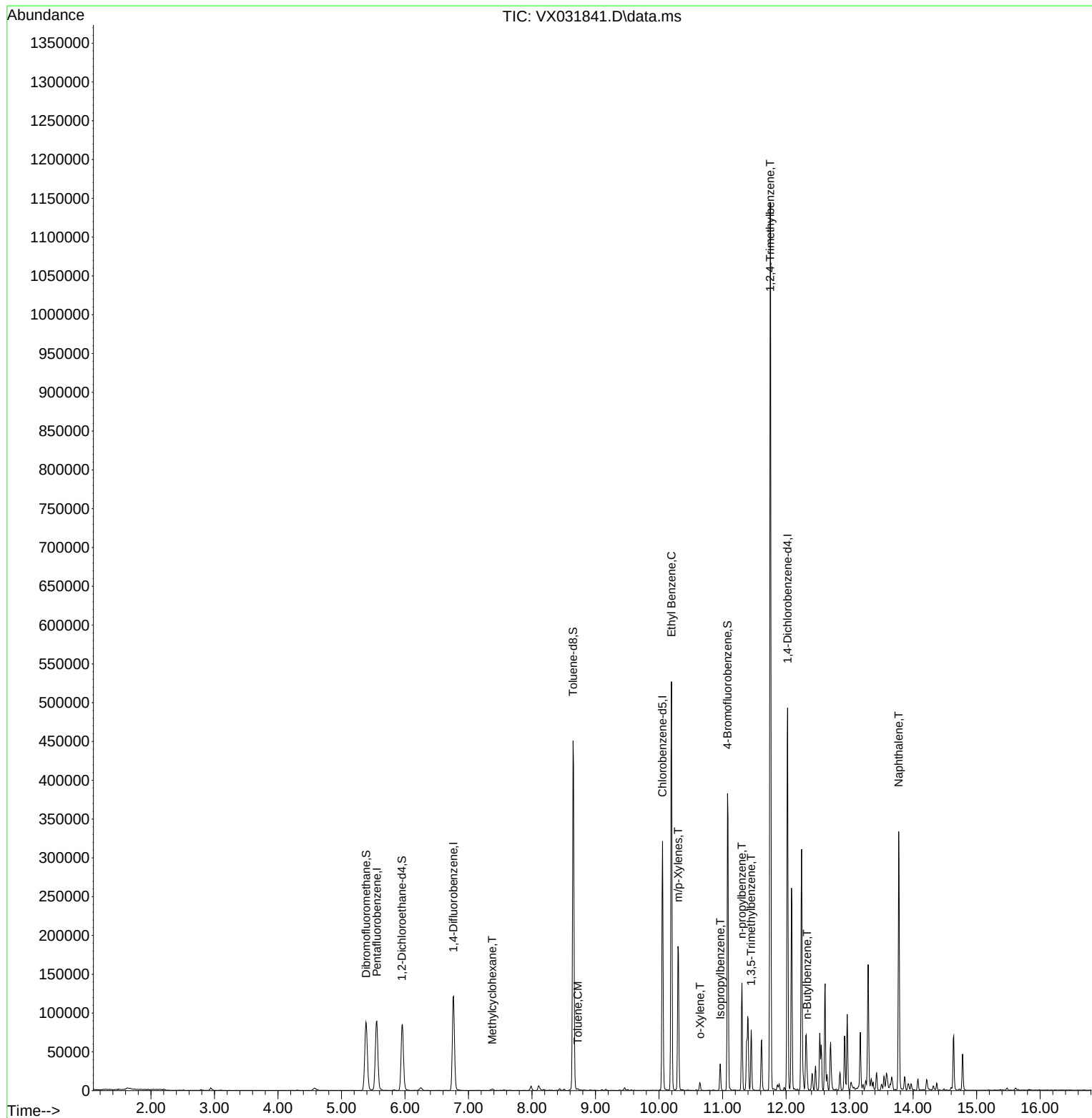
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100322\
Data File : VX031841.D
Acq On : 03 Oct 2022 18:16
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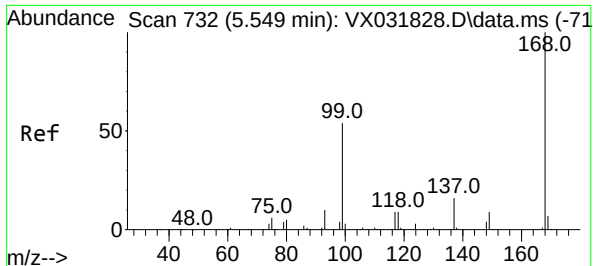
Instrument :
MSVOA_X
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MW-14

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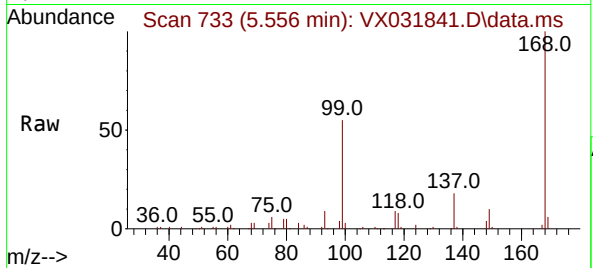
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 06:59:30 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.006 min
Lab File: VX031841.D
Acq: 03 Oct 2022 18:16

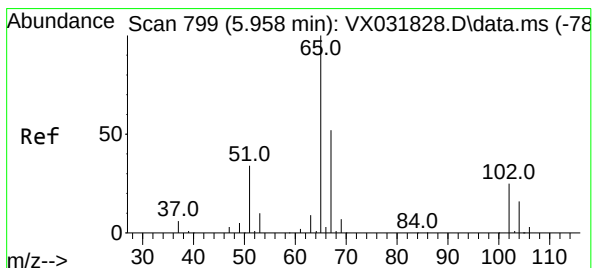
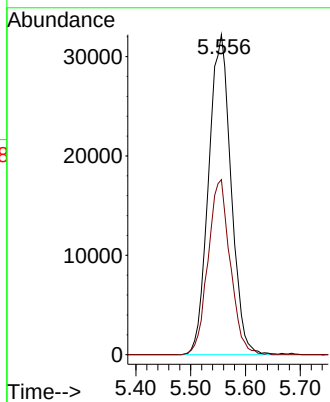
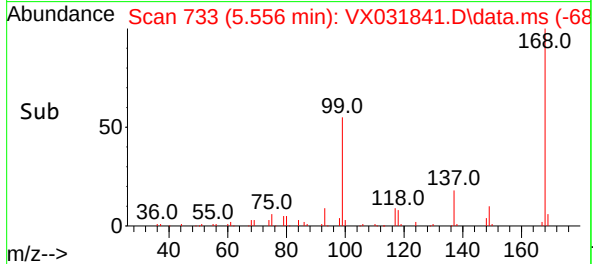
Instrument :
MSVOA_X
ClientSampleId :
MW-14



Tgt Ion:168 Resp: 91532
Ion Ratio Lower Upper
168 100
99 54.7 48.8 73.2

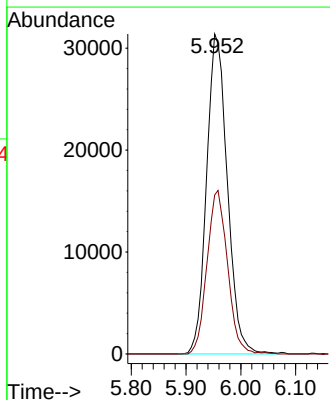
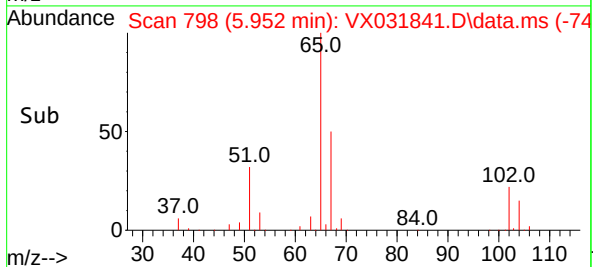
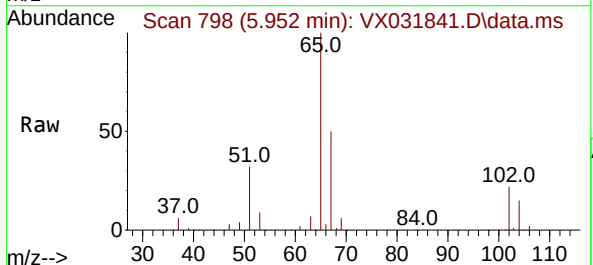
Manual Integrations
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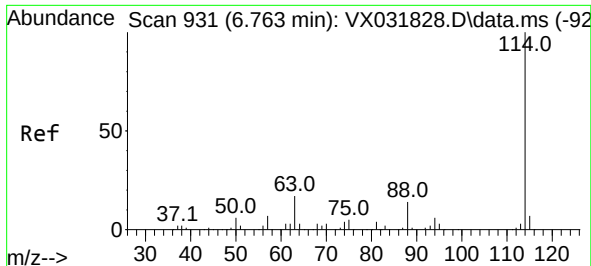
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#33
1,2-Dichloroethane-d4
Concen: 50.289 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX031841.D
Acq: 03 Oct 2022 18:16

Tgt Ion: 65 Resp: 82467
Ion Ratio Lower Upper
65 100
67 50.6 0.0 102.4





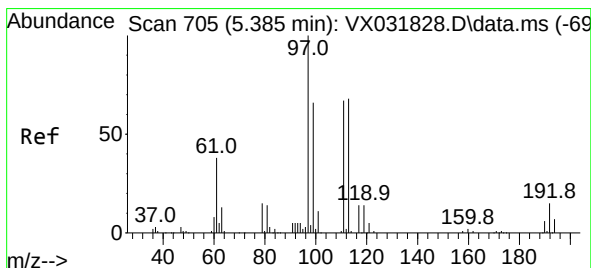
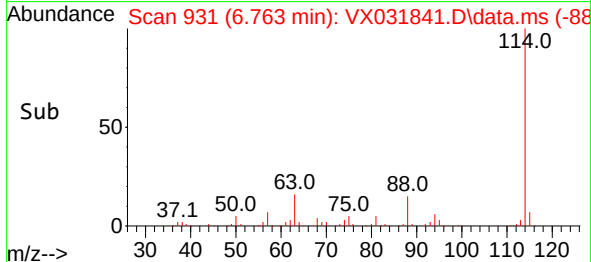
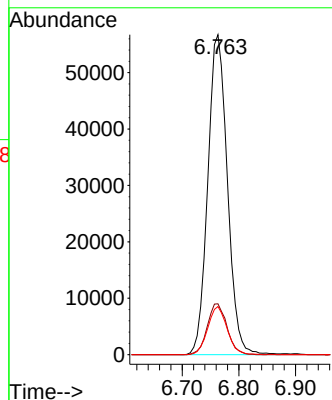
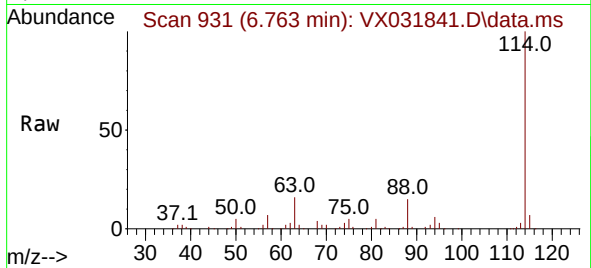
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX031841.D
Acq: 03 Oct 2022 18:16

Instrument :
MSVOA_X
ClientSampleId :
MW-14

Tgt Ion:114 Resp: 136364
Ion Ratio Lower Upper
114 100
63 15.9 0.0 42.6
88 15.0 0.0 33.0

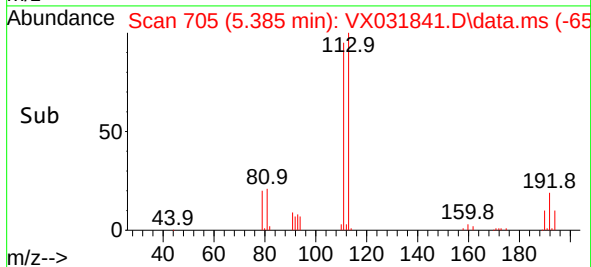
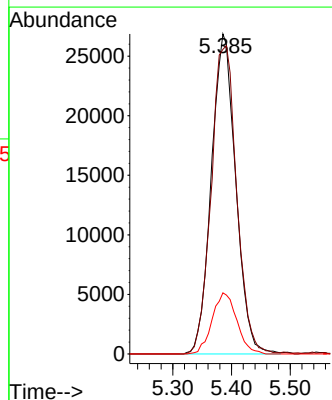
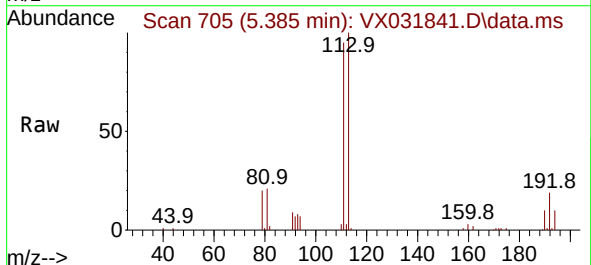
Manual Integrations
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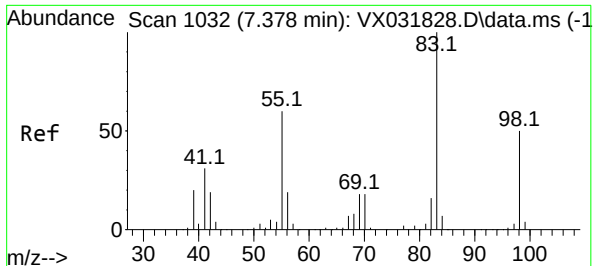
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#35
Dibromofluoromethane
Concen: 47.834 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031841.D
Acq: 03 Oct 2022 18:16

Tgt Ion:113 Resp: 77498
Ion Ratio Lower Upper
113 100
111 100.5 82.4 123.6
192 19.3 14.1 21.1





#39

Methylcyclohexane

Concen: 0.418 ug/l

RT: 7.373 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX031841.D

Acq: 03 Oct 2022 18:16

Instrument :

MSVOA_X

ClientSampleId :

MW-14

Tgt Ion: 83 Resp: 1032

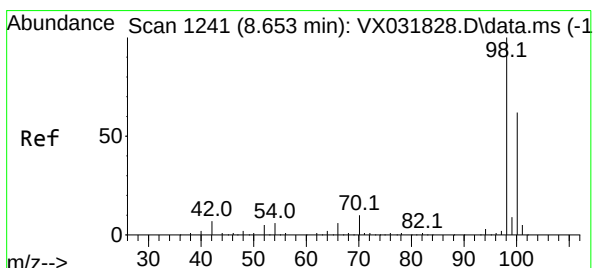
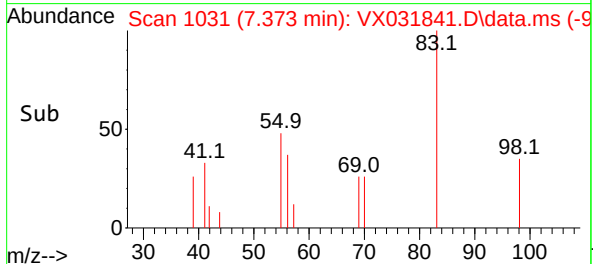
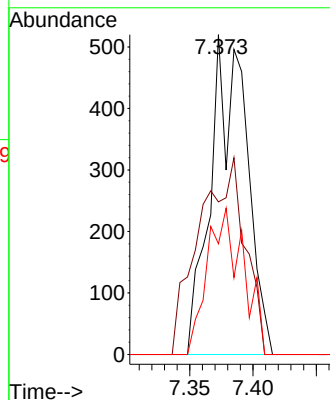
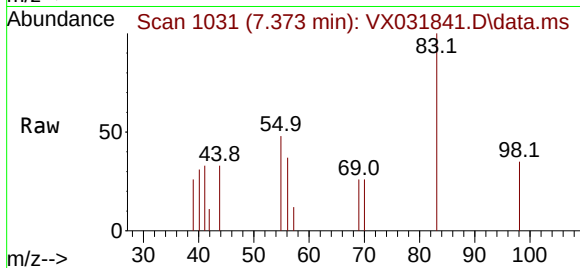
Ion	Ratio	Lower	Upper
83	100		
55	47.7	61.0	91.4
98	34.6	37.7	56.5

Manual Integrations

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Supervised By :Mahesh Dadoda 10/06/2022



#50

Toluene-d8

Concen: 47.745 ug/l

RT: 8.647 min Scan# 1240

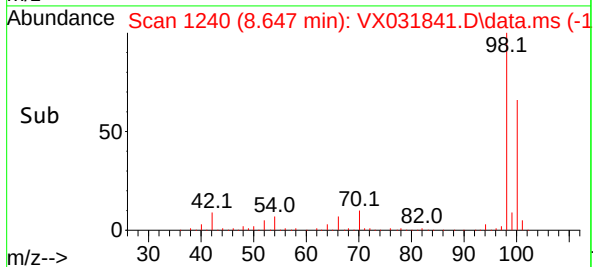
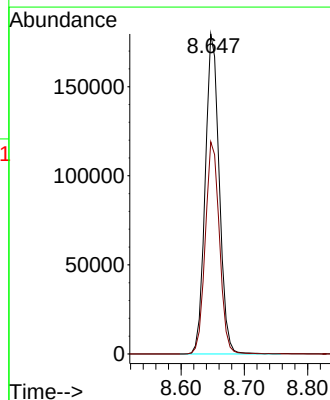
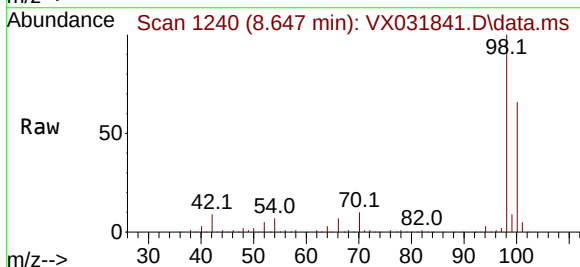
Delta R.T. -0.006 min

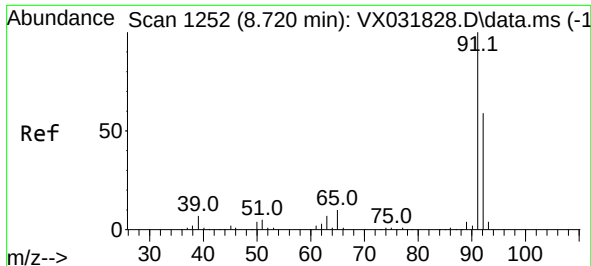
Lab File: VX031841.D

Acq: 03 Oct 2022 18:16

Tgt Ion: 98 Resp: 276720

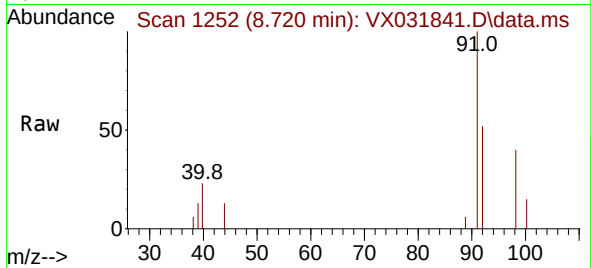
Ion	Ratio	Lower	Upper
98	100		
100	66.8	52.5	78.7





#52
Toluene
Concen: 0.205 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031841.D
Acq: 03 Oct 2022 18:16

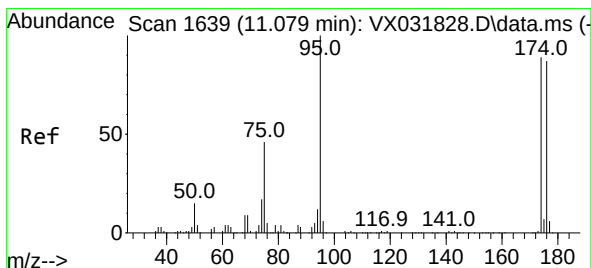
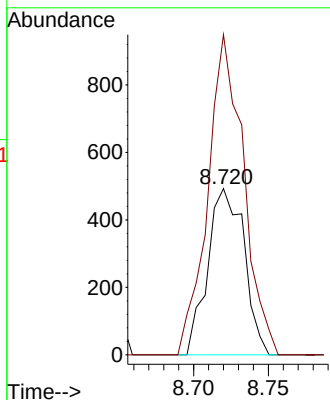
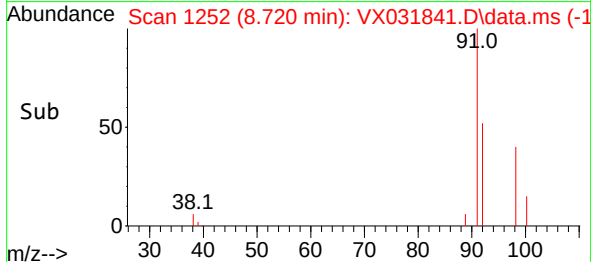
Instrument :
MSVOA_X
ClientSampleId :
MW-14



Tgt Ion: 92 Resp: 834
Ion Ratio Lower Upper
92 100
91 189.2 137.1 205.7

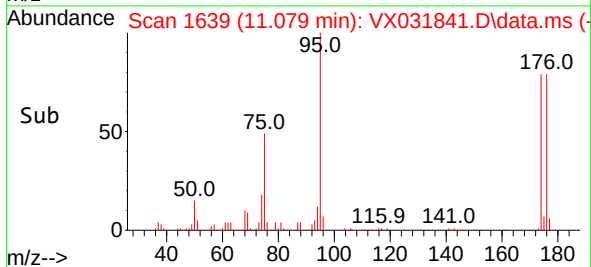
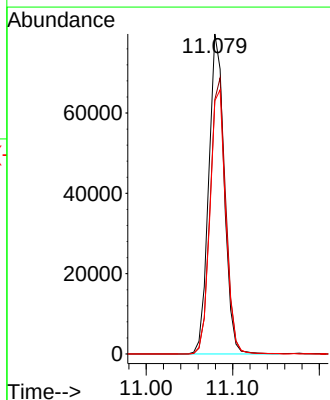
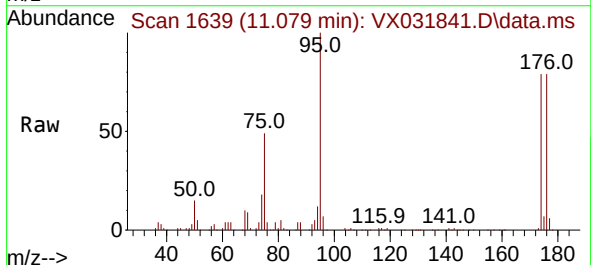
Manual Integrations
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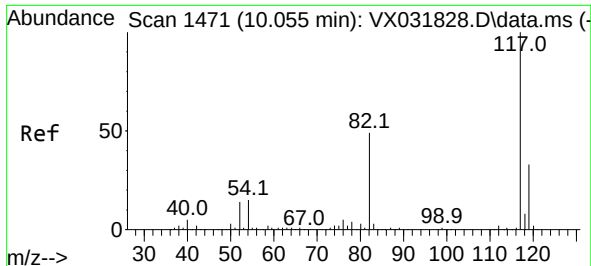
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#62
4-Bromofluorobenzene
Concen: 47.384 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031841.D
Acq: 03 Oct 2022 18:16

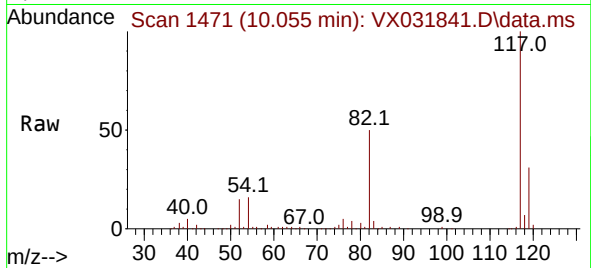
Tgt Ion: 95 Resp: 98897
Ion Ratio Lower Upper
95 100
174 87.4 0.0 153.2
176 84.3 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031841.D
Acq: 03 Oct 2022 18:16

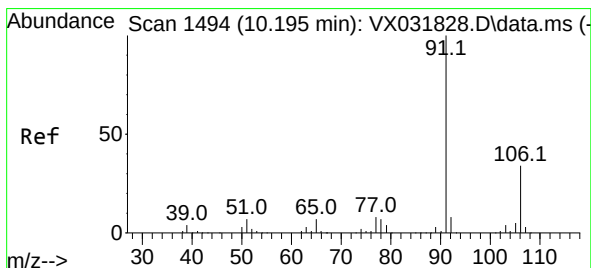
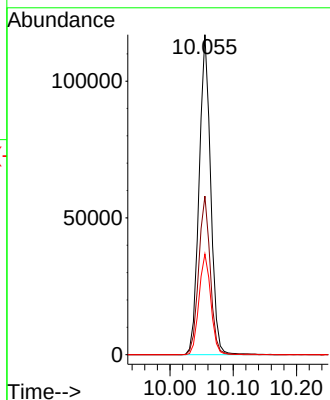
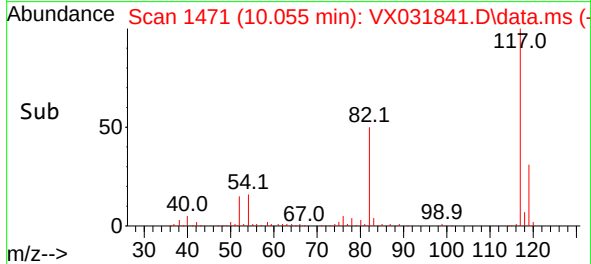
Instrument :
MSVOA_X
ClientSampleId :
MW-14



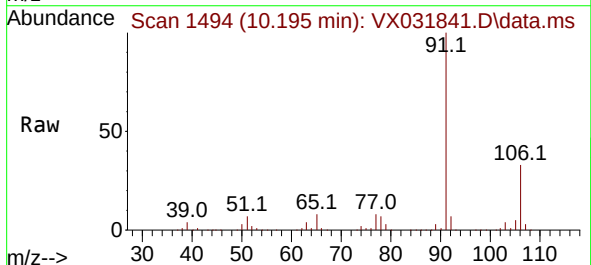
Tgt Ion:117 Resp: 148692
Ion Ratio Lower Upper
117 100
82 49.6 46.8 70.2
119 31.5 26.4 39.6

Manual Integrations
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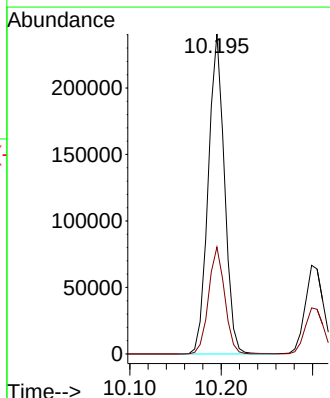
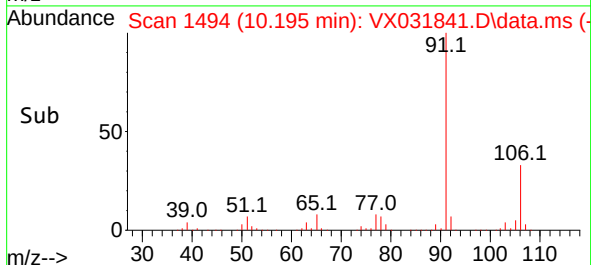
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022

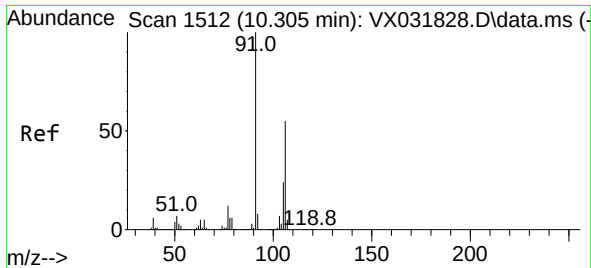


#67
Ethyl Benzene
Concen: 39.773 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031841.D
Acq: 03 Oct 2022 18:16



Tgt Ion: 91 Resp: 295172
Ion Ratio Lower Upper
91 100
106 33.4 25.2 37.8





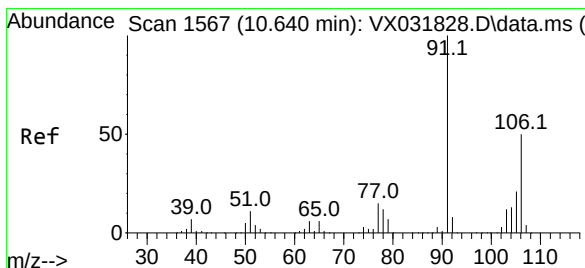
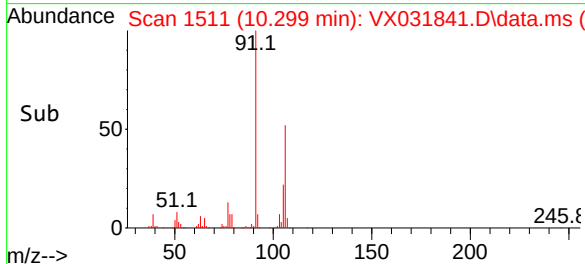
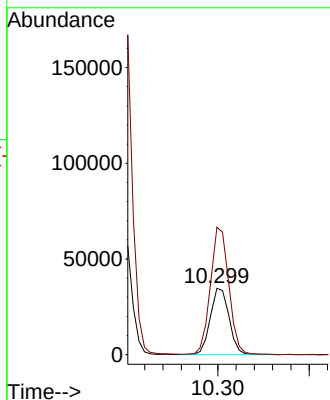
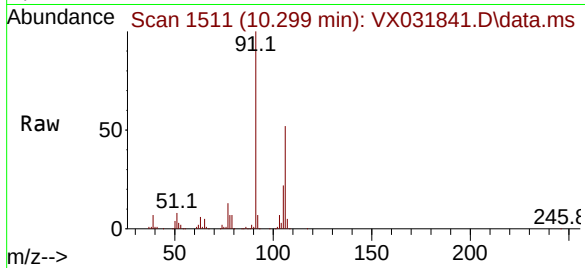
#68
m/p-Xylenes
Concen: 16.110 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX031841.D
Acq: 03 Oct 2022 18:16

Instrument :
MSVOA_X
ClientSampleId :
MW-14

Tgt Ion:106 Resp: 49360
Ion Ratio Lower Upper
106 100
91 188.2 161.0 241.4

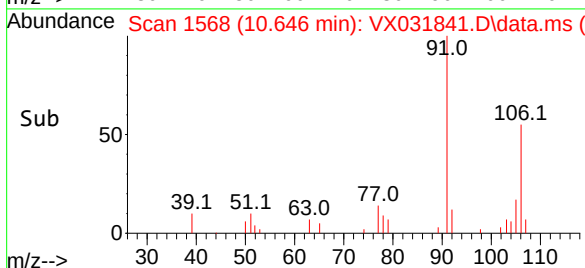
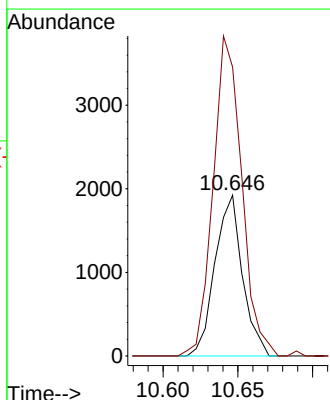
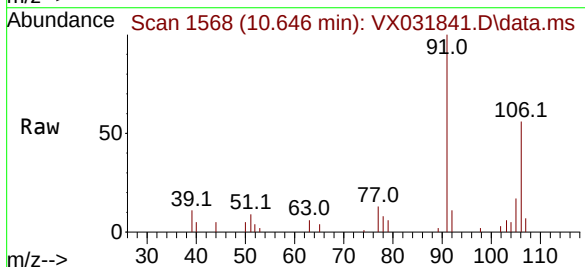
Manual Integrations
APPROVED

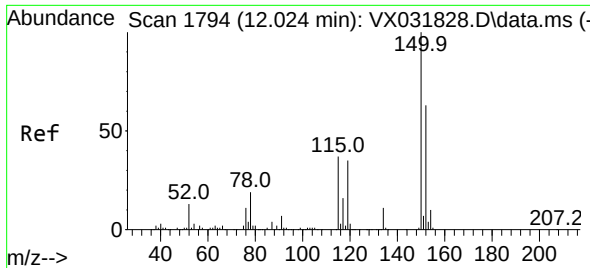
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#69
o-Xylene
Concen: 0.832 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX031841.D
Acq: 03 Oct 2022 18:16

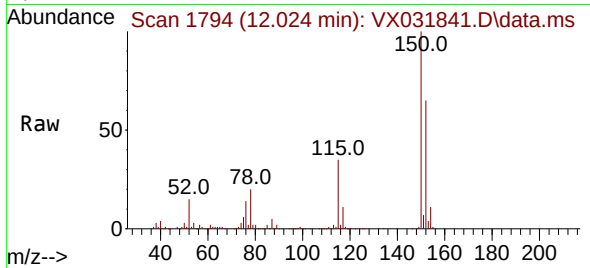
Tgt Ion:106 Resp: 2456
Ion Ratio Lower Upper
106 100
91 206.9 107.2 321.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031841.D
Acq: 03 Oct 2022 18:16

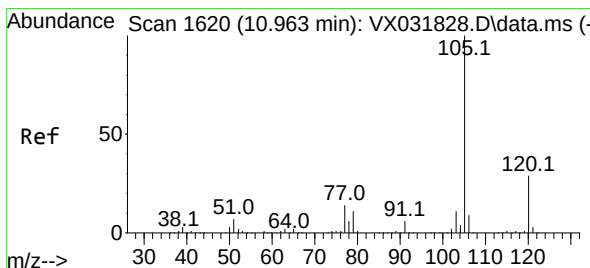
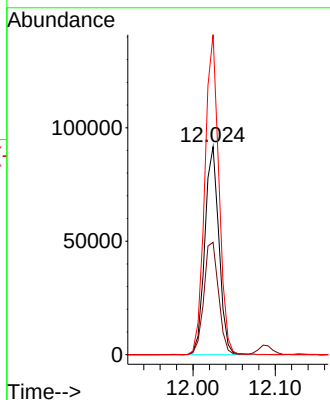
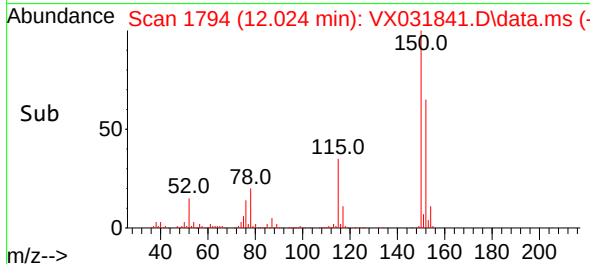
Instrument :
MSVOA_X
ClientSampleId :
MW-14



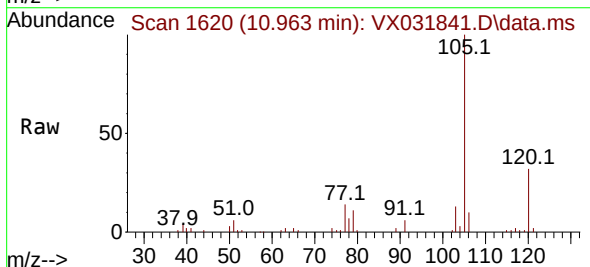
Tgt Ion:152 Resp: 10912
Ion Ratio Lower Upper
152 100
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150 153.7 0.0 346.8

Manual Integrations
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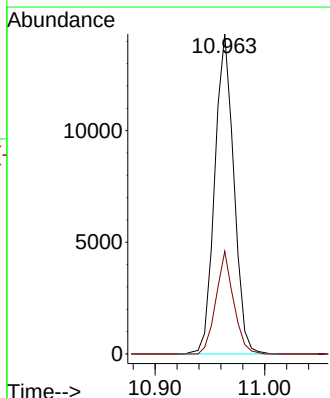
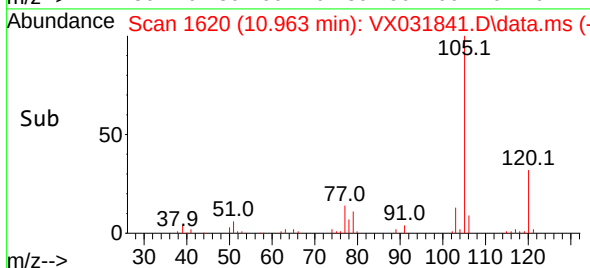
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022

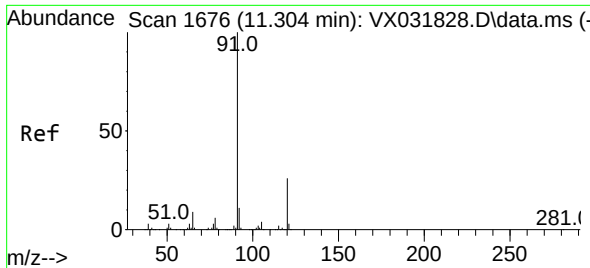


#73
Isopropylbenzene
Concen: 2.248 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX031841.D
Acq: 03 Oct 2022 18:16



Tgt Ion:105 Resp: 17328
Ion Ratio Lower Upper
105 100
120 29.6 13.7 41.0





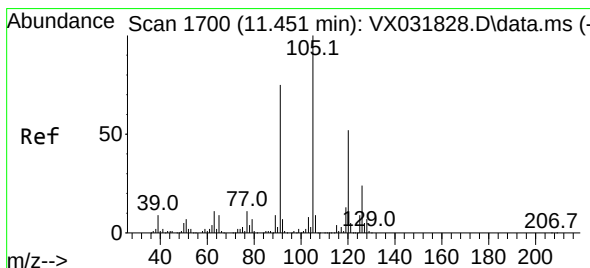
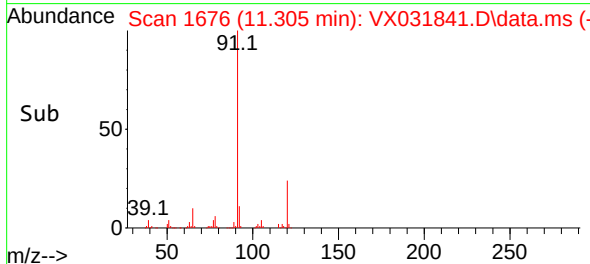
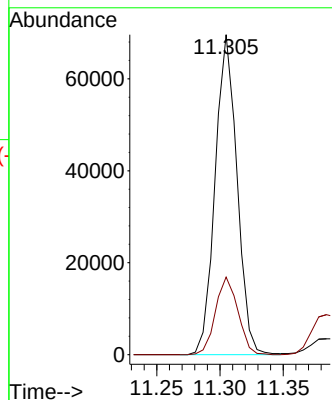
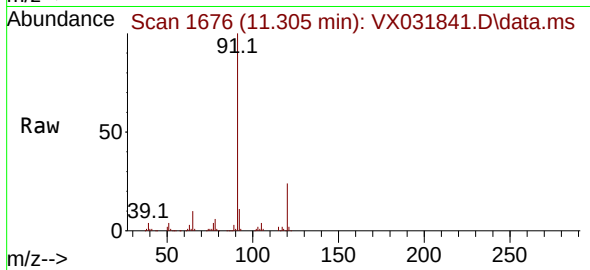
#78
n-propylbenzene
Concen: 9.922 ug/l
RT: 11.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX031841.D
Acq: 03 Oct 2022 18:16

Instrument :
MSVOA_X
ClientSampleId :
MW-14

Tgt Ion: 91 Resp: 83594
Ion Ratio Lower Upper
91 100
120 24.8 11.8 35.4

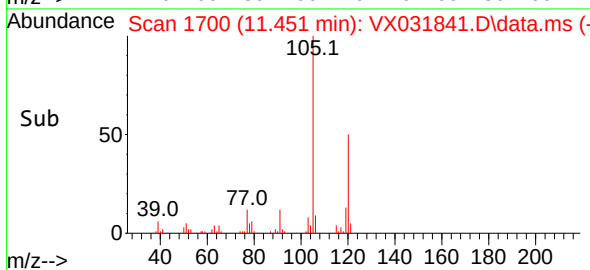
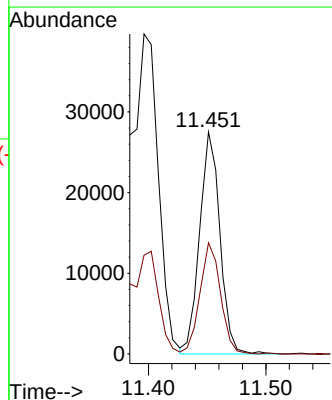
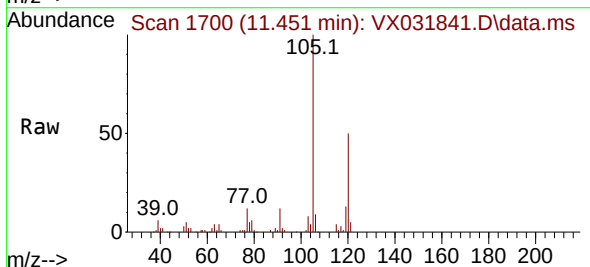
Manual Integrations
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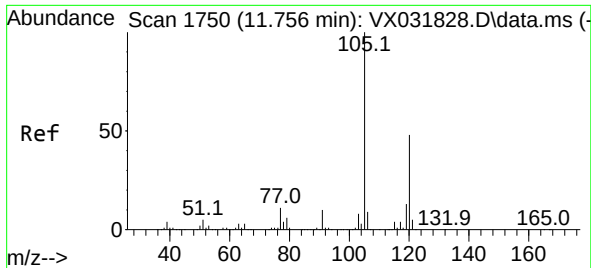
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#80
1,3,5-Trimethylbenzene
Concen: 5.147 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031841.D
Acq: 03 Oct 2022 18:16

Tgt Ion:105 Resp: 33131
Ion Ratio Lower Upper
105 100
120 50.7 24.5 73.5





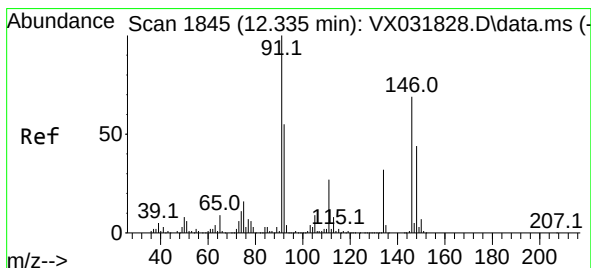
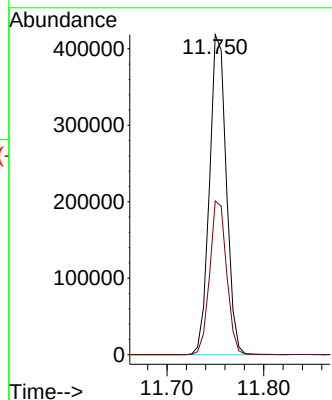
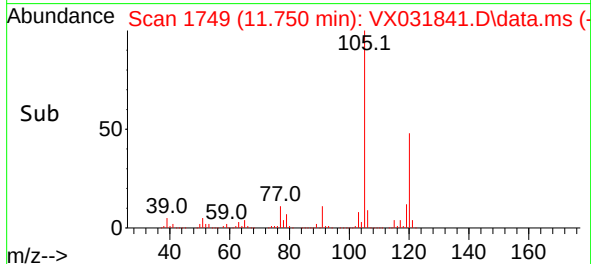
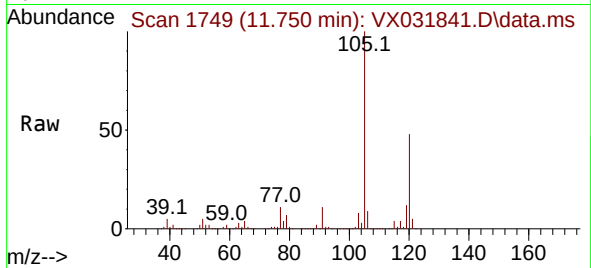
#84
1,2,4-Trimethylbenzene
Concen: 79.238 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX031841.D
Acq: 03 Oct 2022 18:16

Instrument :
MSVOA_X
ClientSampleId :
MW-14

Tgt Ion:105 Resp: 50761
Ion Ratio Lower Upper
105 100
120 48.3 22.6 67.8

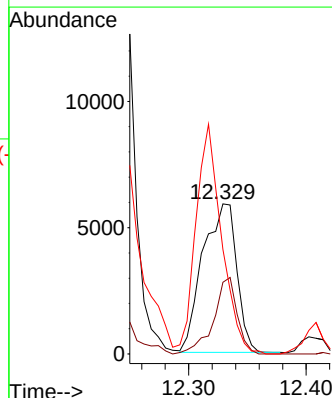
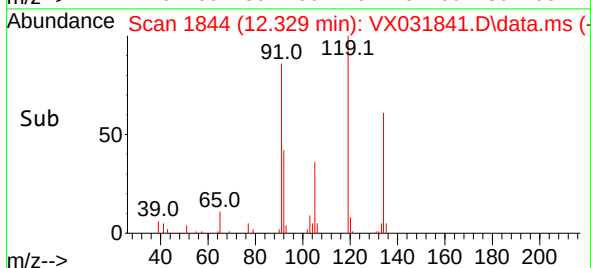
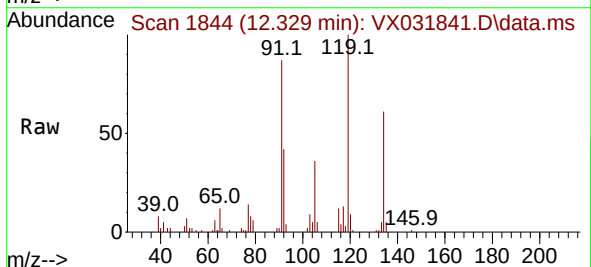
Manual Integrations
APPROVED

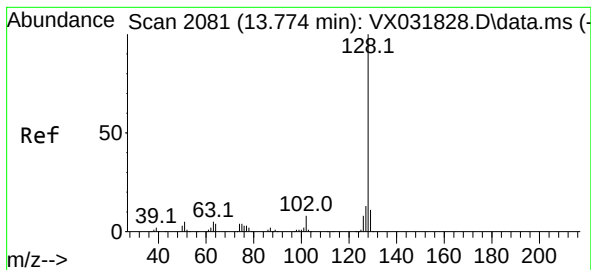
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#89
n-Butylbenzene
Concen: 2.187 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX031841.D
Acq: 03 Oct 2022 18:16

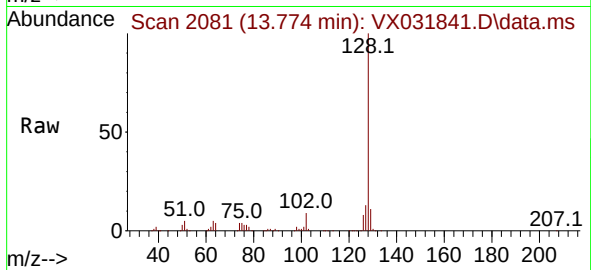
Tgt Ion: 91 Resp: 11810
Ion Ratio Lower Upper
91 100
92 35.8 27.0 81.0
134 117.1 13.3 39.9#





#95
Naphthalene
Concen: 28.641 ug/l m
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX031841.D
Acq: 03 Oct 2022 18:16

Instrument :
MSVOA_X
ClientSampleId :
MW-14



Tgt Ion:128 Resp: 209769
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6
129 0.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022

