

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
 Data File : VY014720.D
 Acq On : 20 Jul 2023 14:54
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/21/2023
 Supervised By : Mahesh Dadoda 07/21/2023

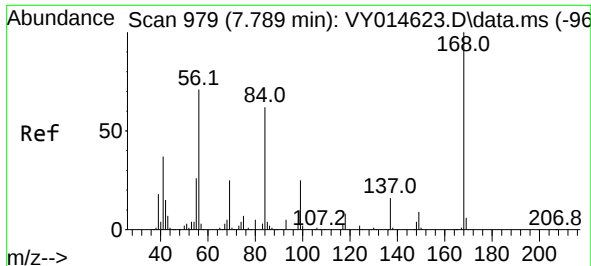
Quant Time: Jul 21 01:30:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	259266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	448635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	414729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	204448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	159158	53.871	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.740%			
35) Dibromofluoromethane	7.716	113	141321	49.484	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.960%			
50) Toluene-d8	10.179	98	532482	50.572	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.140%			
62) 4-Bromofluorobenzene	12.477	95	207312	51.350	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.700%			
Target Compounds					Qvalue	
31) Cyclohexane	7.777	56	14852	3.028	ug/l #	75
67) Ethyl Benzene	11.593	91	27881	1.747	ug/l	96
73) Isopropylbenzene	12.325	105	19744	1.233	ug/l	100
78) n-propylbenzene	12.666	91	163383	8.470	ug/l	100
80) 1,3,5-Trimethylbenzene	12.763	105	38747	2.898	ug/l	75
89) n-Butylbenzene	13.690	91	103648	7.500	ug/l #	86
95) Naphthalene	15.233	128	1214785	126.060	ug/l	99

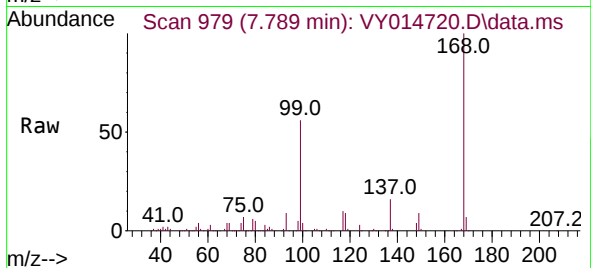
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Supervised By :Mahesh Dadoda 07/21/2023



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY014720.D
Acq: 20 Jul 2023 14:54

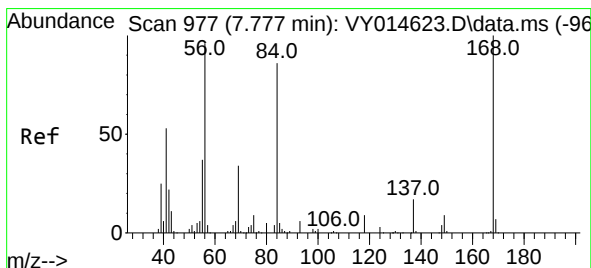
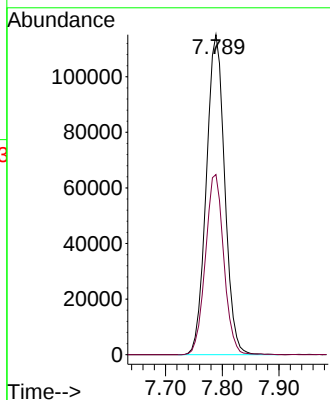
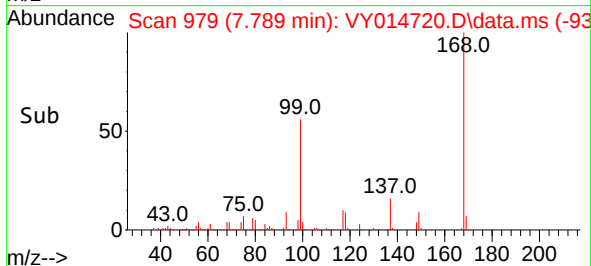
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK



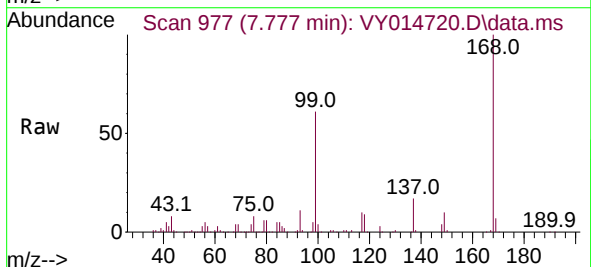
Tgt Ion:168 Resp: 25926
Ion Ratio Lower Upper
168 100
99 56.3 43.4 65.0

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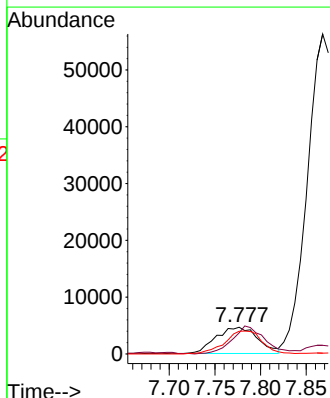
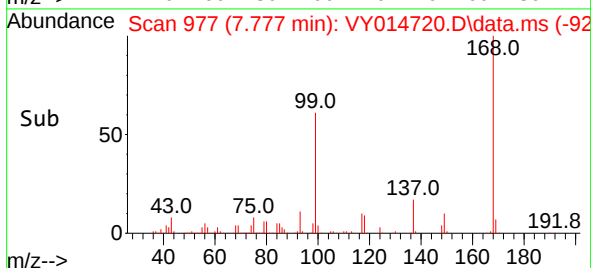
Reviewed By :John Carlone 07/21/2023
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#31
Cyclohexane
Concen: 3.028 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY014720.D
Acq: 20 Jul 2023 14:54



Tgt Ion: 56 Resp: 14852
Ion Ratio Lower Upper
56 100
69 78.3 27.8 41.6#
84 86.4 66.4 99.6





#33

1,2-Dichloroethane-d4

Concen: 53.871 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY014720.D

Acq: 20 Jul 2023 14:54

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

Tgt Ion: 65 Resp: 159158

Ion Ratio Lower Upper

65 100

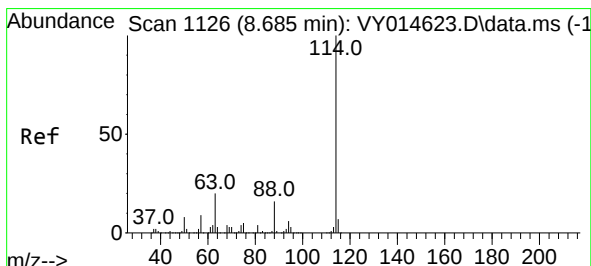
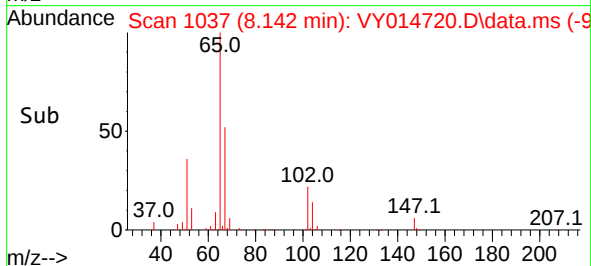
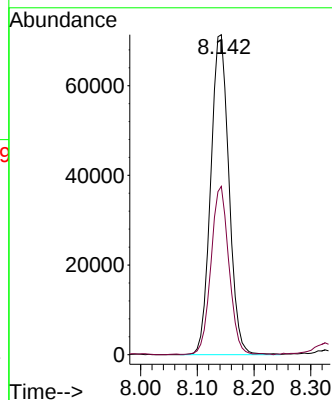
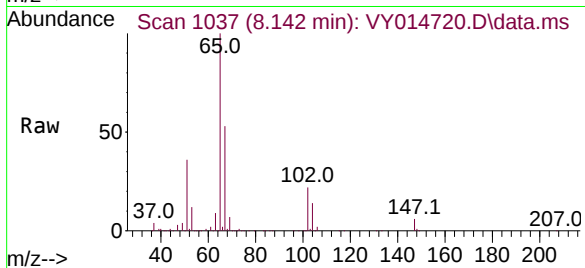
67 51.6 0.0 101.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014720.D

Acq: 20 Jul 2023 14:54

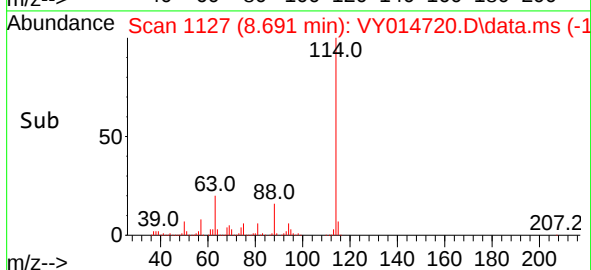
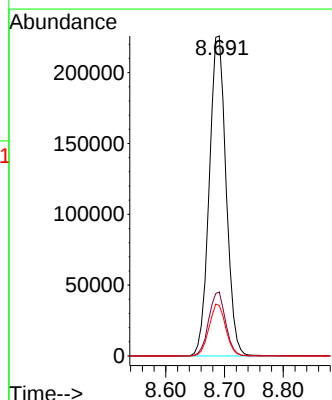
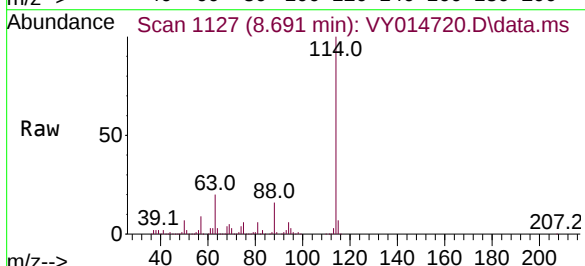
Tgt Ion:114 Resp: 448635

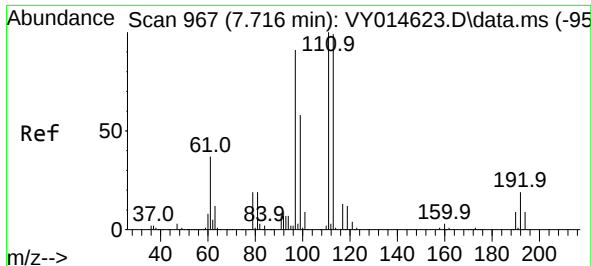
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

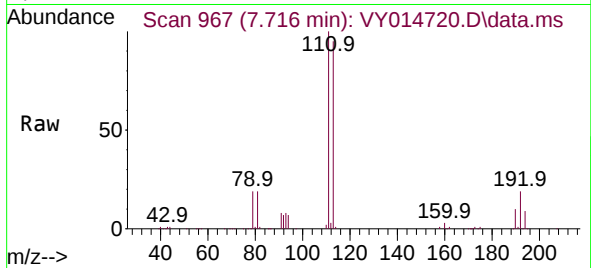
88 15.8 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.484 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014720.D
Acq: 20 Jul 2023 14:54

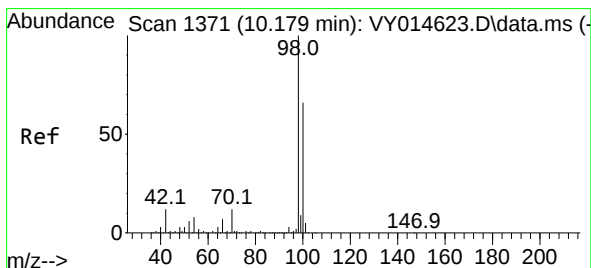
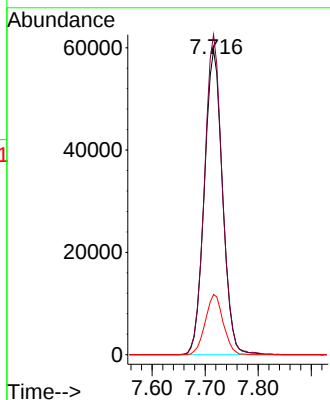
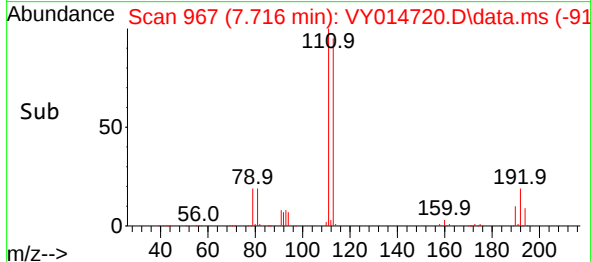
Instrument :
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ClientSampleId :
VIBLK



Tgt Ion:113 Resp: 14132
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 19.6 16.9 25.3

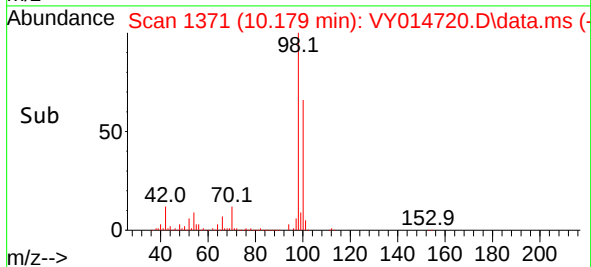
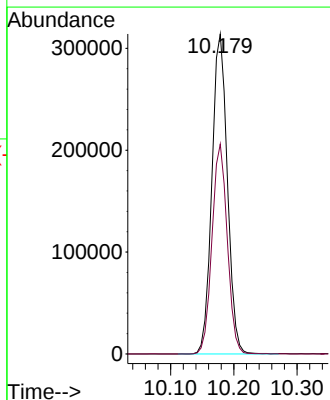
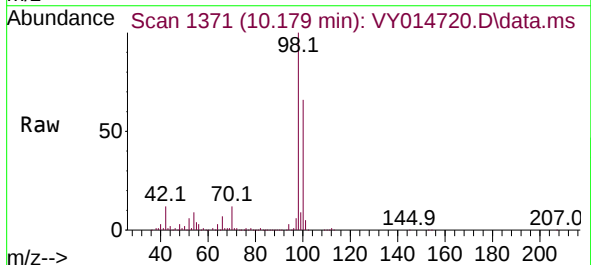
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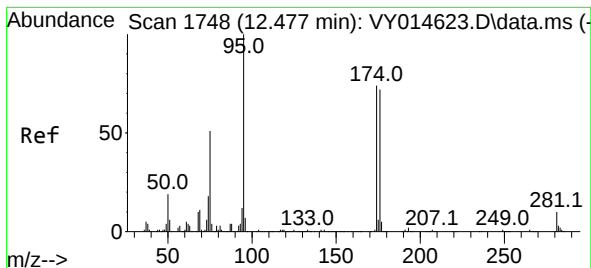
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#50
Toluene-d8
Concen: 50.572 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014720.D
Acq: 20 Jul 2023 14:54

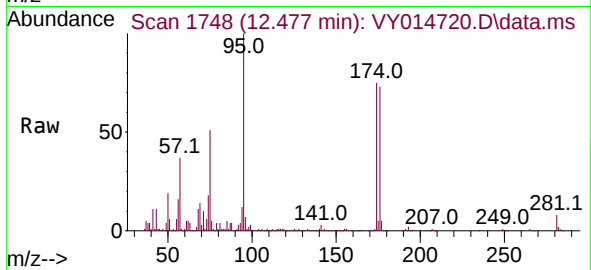
Tgt Ion: 98 Resp: 532482
Ion Ratio Lower Upper
98 100
100 64.7 50.1 75.1





#62
4-Bromofluorobenzene
Concen: 51.350 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY014720.D
Acq: 20 Jul 2023 14:54

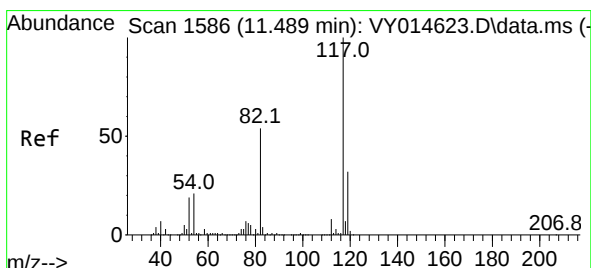
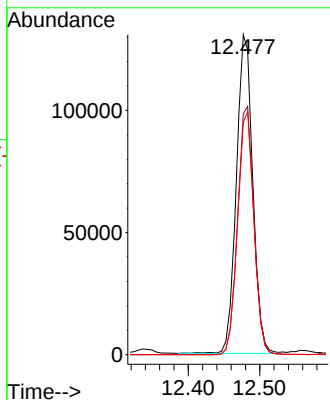
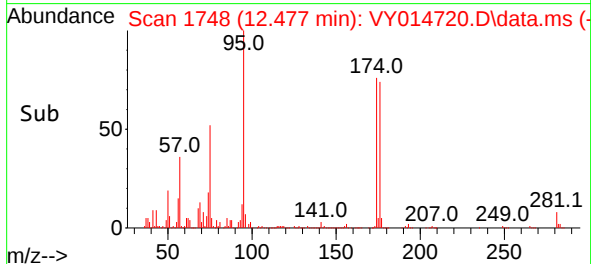
Instrument :
MSVOA_Y
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VIBLK



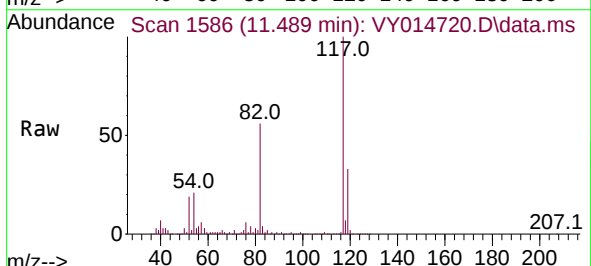
Tgt Ion: 95 Resp: 207312
Ion Ratio Lower Upper
95 100
174 77.8 0.0 178.2
176 75.7 0.0 173.8

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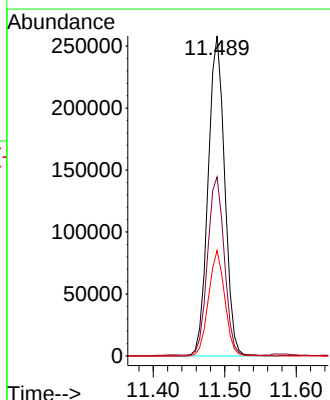
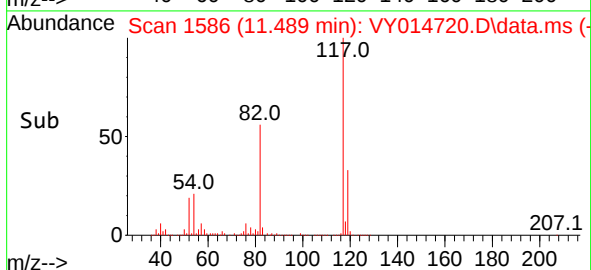
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

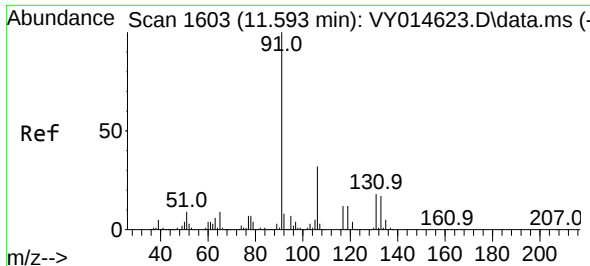


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014720.D
Acq: 20 Jul 2023 14:54



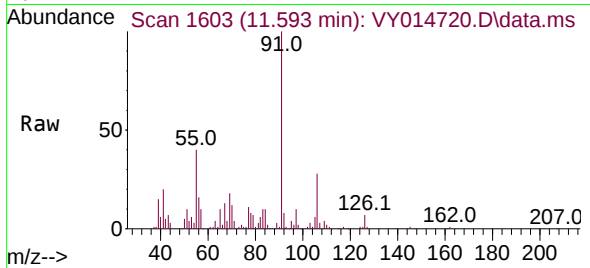
Tgt Ion:117 Resp: 414729
Ion Ratio Lower Upper
117 100
82 55.7 43.4 65.0
119 32.9 26.3 39.5





#67
Ethyl Benzene
Concen: 1.747 ug/l
RT: 11.593 min Scan# 1159
Delta R.T. -0.000 min
Lab File: VY014720.D
Acq: 20 Jul 2023 14:54

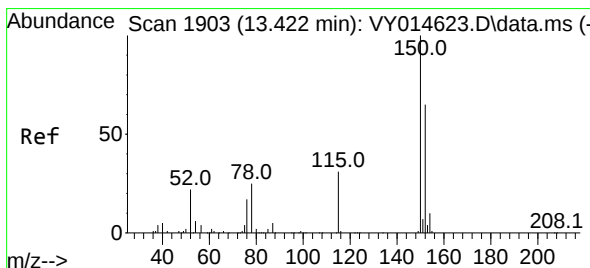
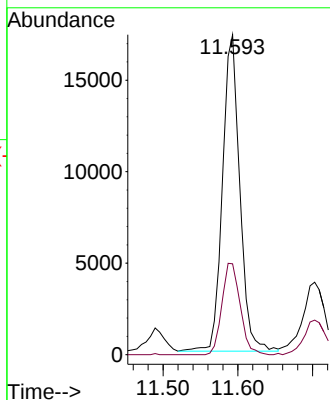
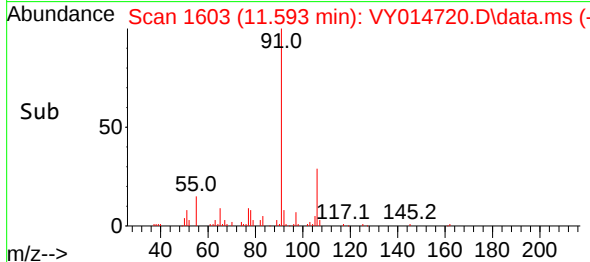
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK



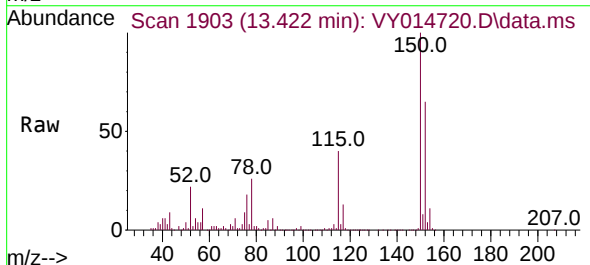
Tgt Ion: 91 Resp: 2788
Ion Ratio Lower Upper
91 100
106 28.7 24.6 36.8

Manual Integrations
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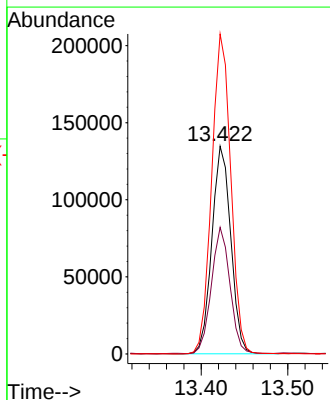
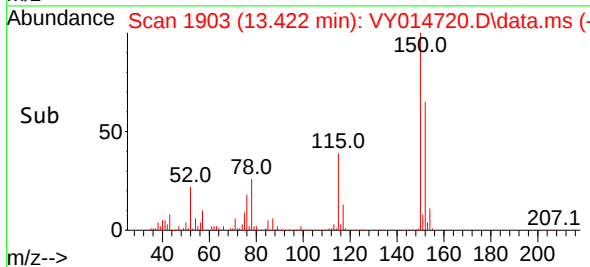
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

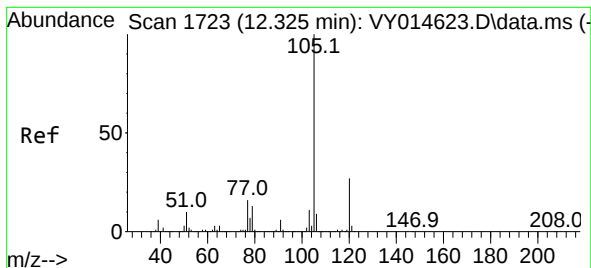


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY014720.D
Acq: 20 Jul 2023 14:54



Tgt Ion:152 Resp: 204448
Ion Ratio Lower Upper
152 100
115 59.7 28.8 86.5
150 155.8 0.0 348.8





#73

Isopropylbenzene

Concen: 1.233 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. -0.000 min

Lab File: VY014720.D

Acq: 20 Jul 2023 14:54

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

Tgt Ion:105 Resp: 19744

Ion Ratio Lower Upper

105 100

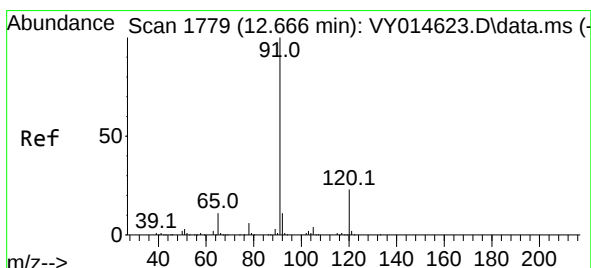
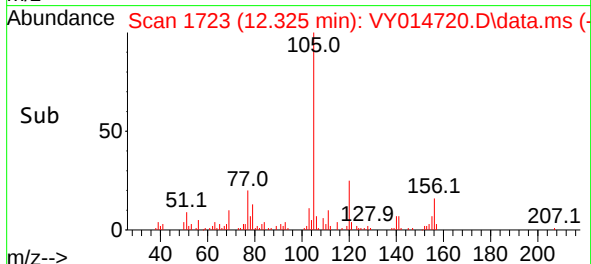
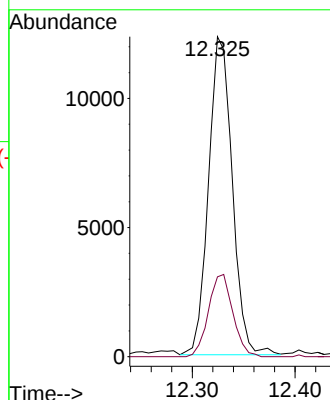
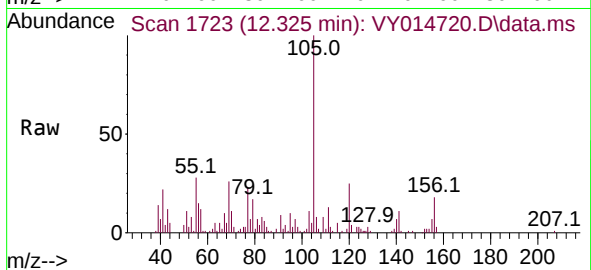
120 26.5 13.3 39.9

Manual Integrations

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Reviewed By :John Carlone 07/21/2023

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#78

n-propylbenzene

Concen: 8.470 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VY014720.D

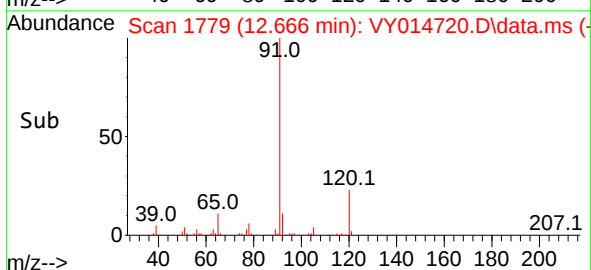
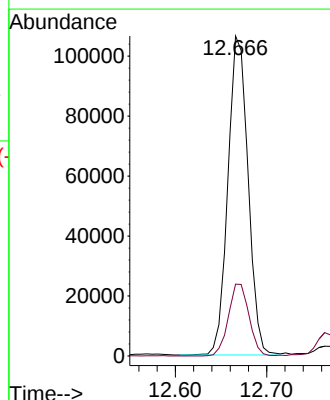
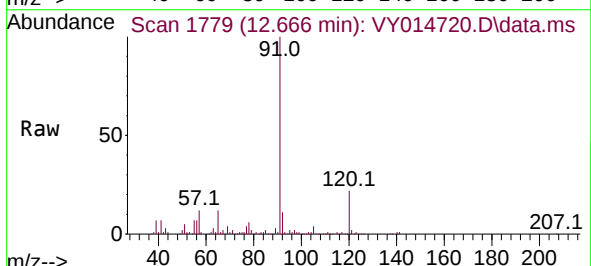
Acq: 20 Jul 2023 14:54

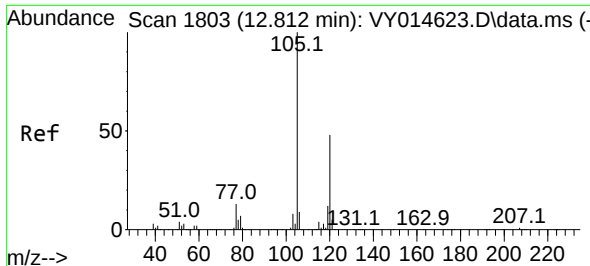
Tgt Ion: 91 Resp: 163383

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4





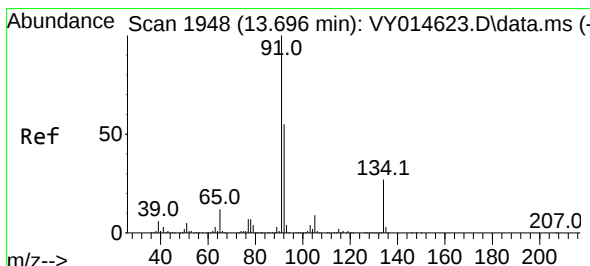
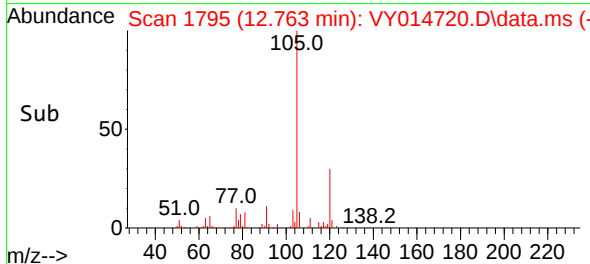
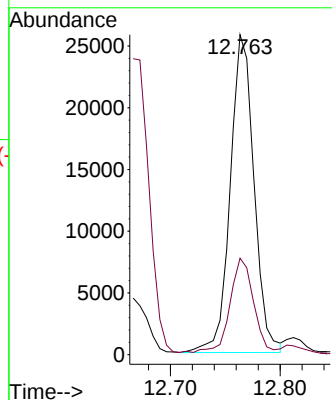
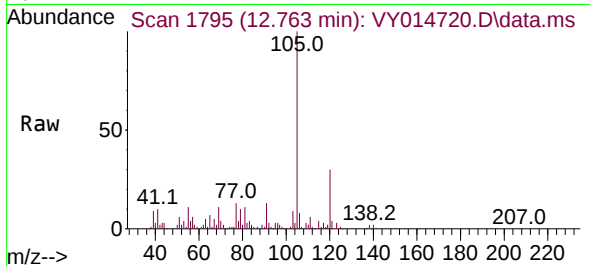
#80
1,3,5-Trimethylbenzene
Concen: 2.898 ug/l
RT: 12.763 min Scan# 11
Delta R.T. -0.049 min
Lab File: VY014720.D
Acq: 20 Jul 2023 14:54

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:105 Resp: 3874
Ion Ratio Lower Upper
105 100
120 31.3 23.9 71.7

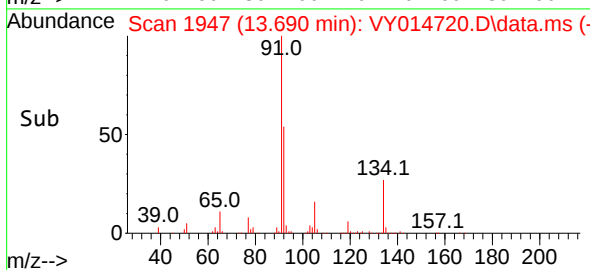
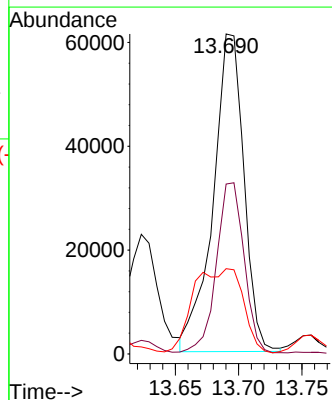
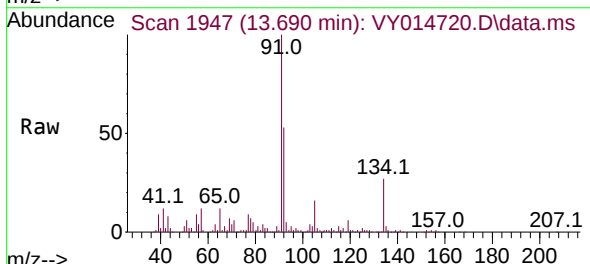
Manual Integrations
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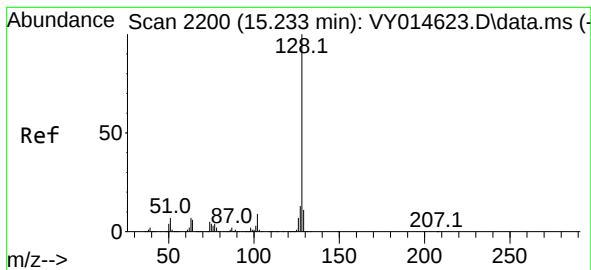
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#89
n-Butylbenzene
Concen: 7.500 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. -0.006 min
Lab File: VY014720.D
Acq: 20 Jul 2023 14:54

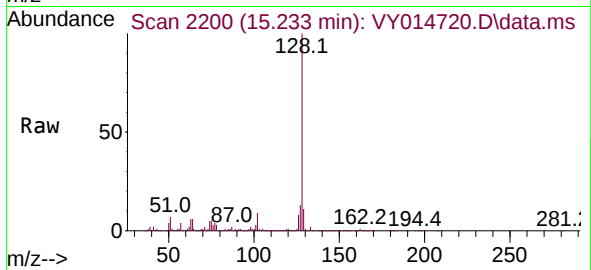
Tgt Ion: 91 Resp: 103648
Ion Ratio Lower Upper
91 100
92 48.3 25.4 76.0
134 43.2 12.6 37.6#





#95
Naphthalene
Concen: 126.060 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY014720.D
Acq: 20 Jul 2023 14:54

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK



Tgt Ion:128 Resp: 1214785
Ion Ratio Lower Upper
128 100
127 13.9 10.8 16.2
129 10.9 8.6 13.0

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