

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007714.D
 Acq On : 03 Mar 2022 19:02
 Operator : SY/MD
 Sample : N1759-01
 Misc : 7.18g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DISP-1

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/04/2022
 Supervised By : Mahesh Dadoda 03/04/2022

Quant Time: Mar 04 00:43:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	379507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	706972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	848455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	458920	50.000	ug/l	# 0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	166213	41.835	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	83.660%		
35) Dibromofluoromethane	7.722	113	156186	34.555	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	69.120%		
50) Toluene-d8	10.191	98	3556063	213.732	ug/l	0.01
Spiked Amount 50.000	Range 49 - 140		Recovery =	427.460%#		
62) 4-Bromofluorobenzene	12.477	95	2654764	495.001	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	990.000%#		
Target Compounds					Qvalue	
31) Cyclohexane	7.777	56	12078333	2138.352	ug/l #	63
39) Methylcyclohexane	9.179	83	26449205m	3026.786	ug/l	
40) Benzene	8.167	78	977990	49.423	ug/l	97
52) Toluene	10.252	92	266594	20.836	ug/l	95
67) Ethyl Benzene	11.581	91	31514421m	945.375	ug/l	
68) m/p-Xylenes	11.691	106	34992592m	2735.822	ug/l	
69) o-Xylene	12.032	106	674027	55.610	ug/l	89
73) Isopropylbenzene	12.319	105	25551013m	714.667	ug/l	
78) n-propylbenzene	12.660	91	31393315m	727.680	ug/l	
80) 1,3,5-Trimethylbenzene	12.721	105	70300572m	2459.114	ug/l	
84) 1,2,4-Trimethylbenzene	13.105	105	36379436m	1291.924	ug/l	
85) sec-Butylbenzene	13.257	105	16231558	417.277	ug/l #	22
86) p-Isopropyltoluene	13.379	119	6191509	192.716	ug/l	99
89) n-Butylbenzene	13.660	91	31924402m	1051.370	ug/l	
95) Naphthalene	15.233	128	5530201	295.095	ug/l	99

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

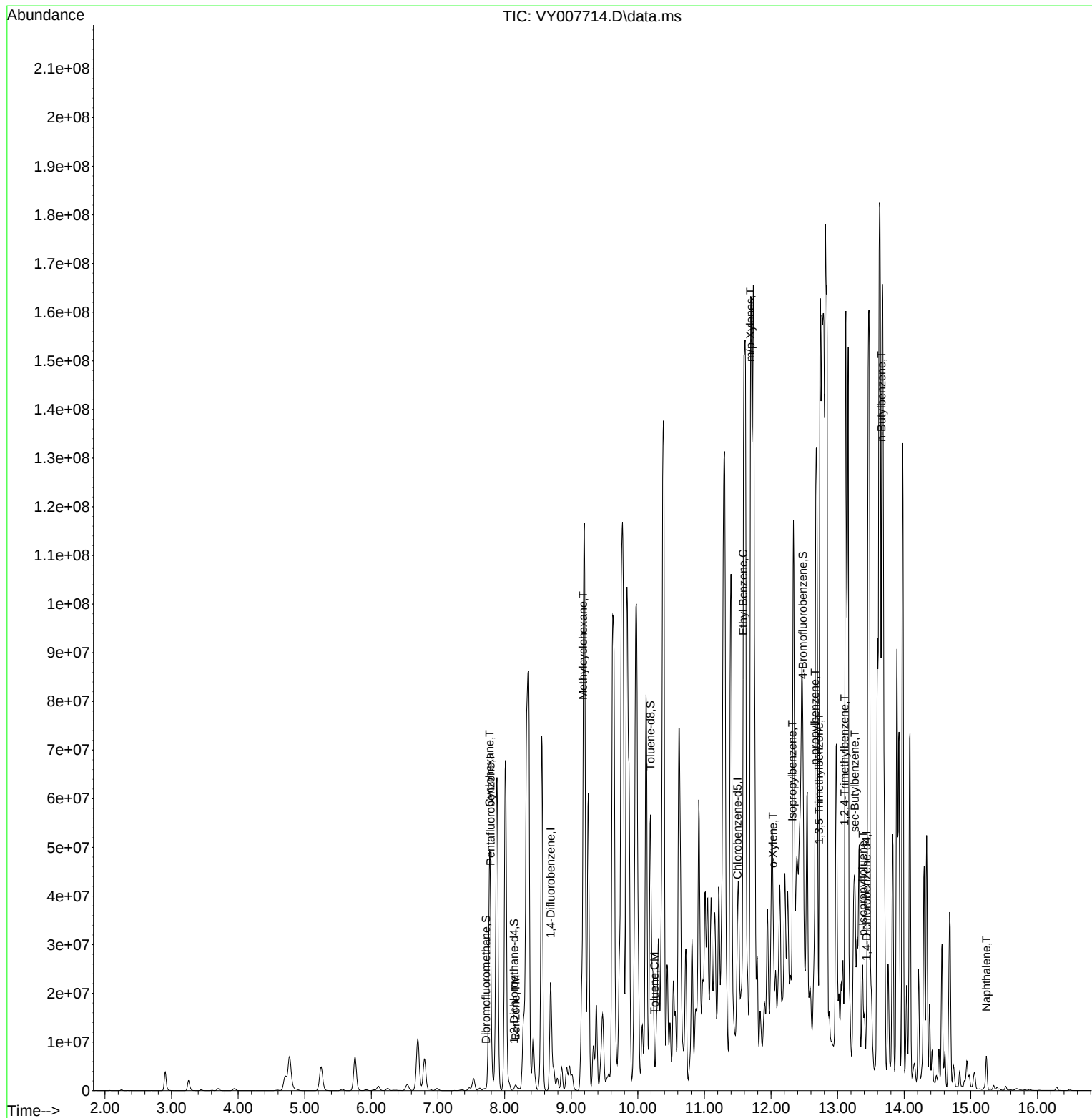
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
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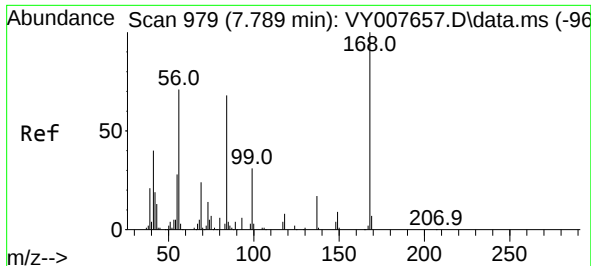
Instrument :
MSVOA_Y
ClientSampleId :
DISP-1

Quant Time: Mar 04 00:43:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
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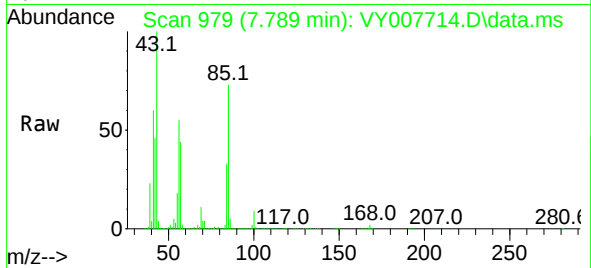
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

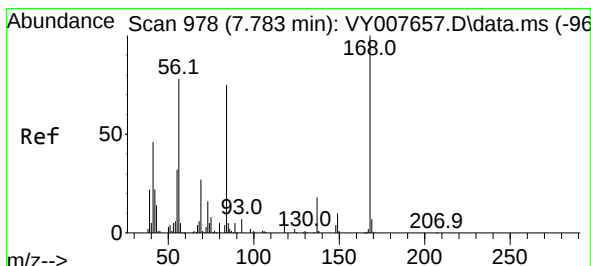
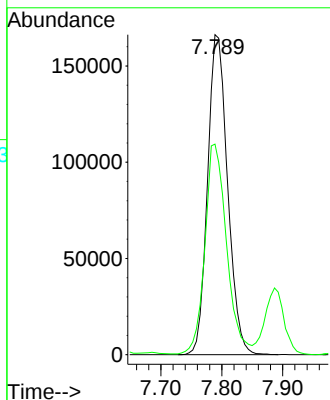
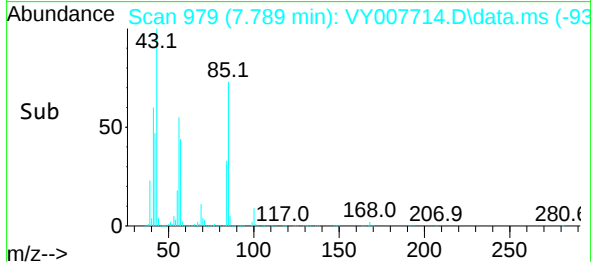
Instrument :
MSVOA_Y
ClientSampleId :
DISP-1



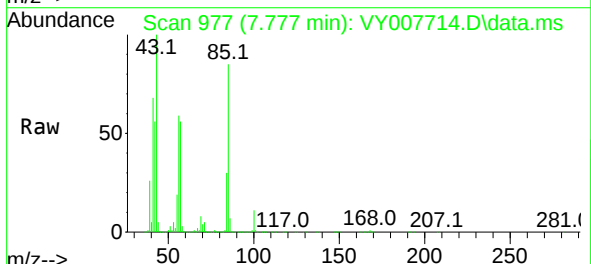
Tgt Ion:168 Resp: 37950
Ion Ratio Lower Upper
168 100
99 65.6 46.9 70.3

Manual Integrations
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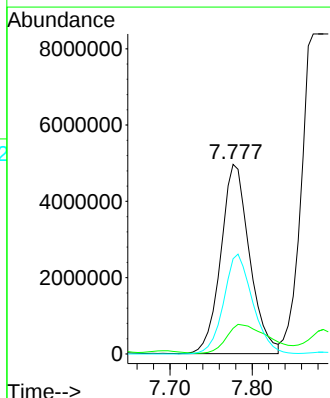
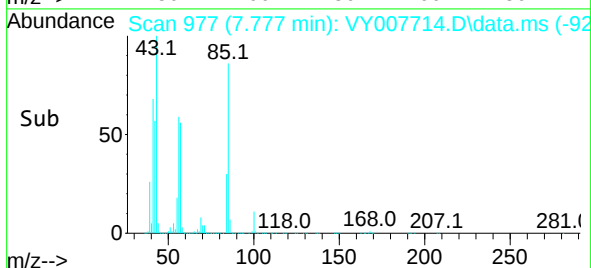
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

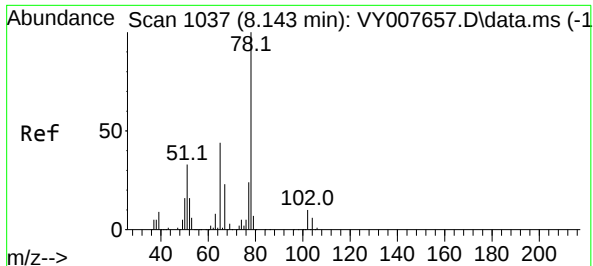


#31
Cyclohexane
Concen: 2138.352 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02



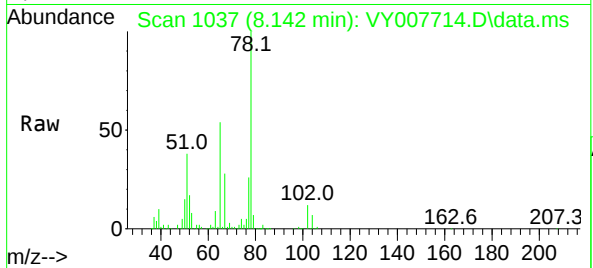
Tgt Ion: 56 Resp:12078333
Ion Ratio Lower Upper
56 100
69 12.4 26.7 40.1#
84 50.3 67.2 100.8#





#33
 1,2-Dichloroethane-d4
 Concen: 41.835 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.001 min
 Lab File: VY007714.D
 Acq: 03 Mar 2022 19:02

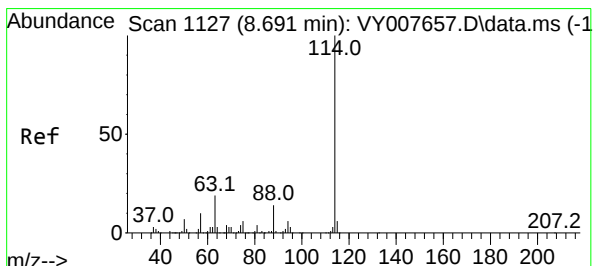
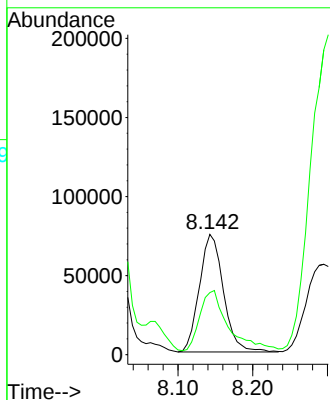
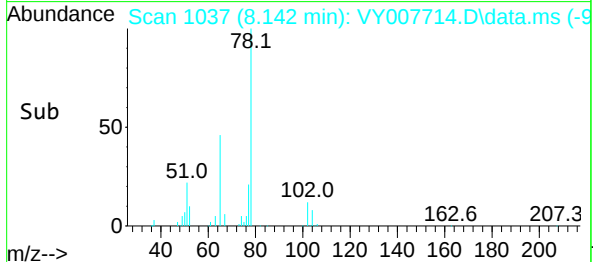
Instrument :
 MSVOA_Y
 ClientSampleId :
 DISP-1



Tgt Ion: 65 Resp: 16621
 Ion Ratio Lower Upper
 65 100
 67 0.0 0.0 99.4

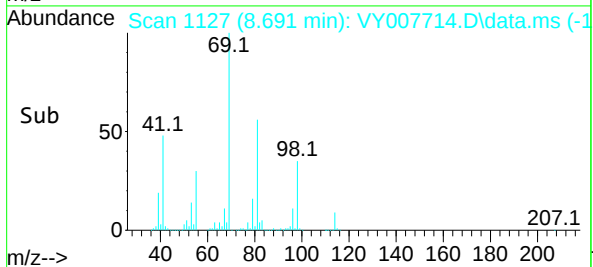
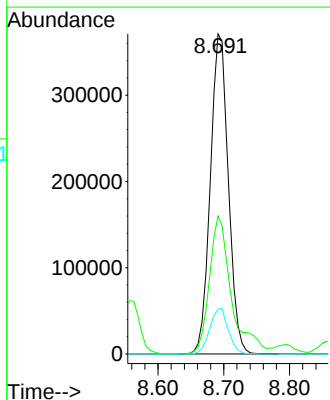
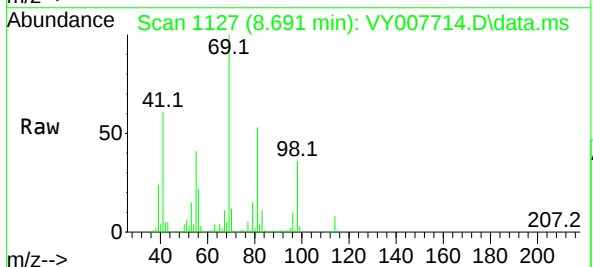
Manual Integrations
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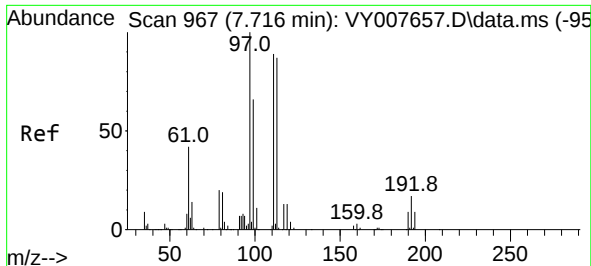
Reviewed By :John Carlone 03/04/2022
 Supervised By :Mahesh Dadoda 03/04/2022



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY007714.D
 Acq: 03 Mar 2022 19:02

Tgt Ion:114 Resp: 706972
 Ion Ratio Lower Upper
 114 100
 63 43.1 0.0 43.2
 88 14.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 34.555 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY007714.D

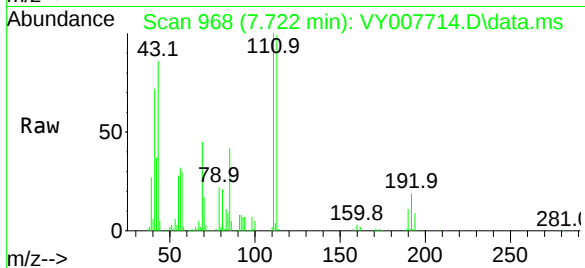
Acq: 03 Mar 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

DISP-1



Tgt Ion: 113 Resp: 15618

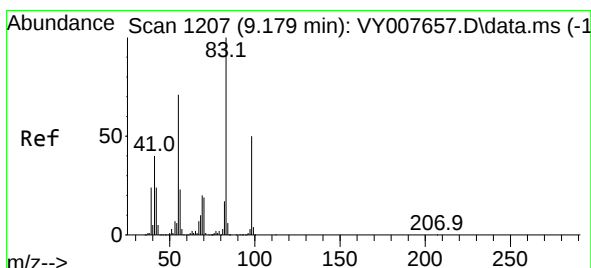
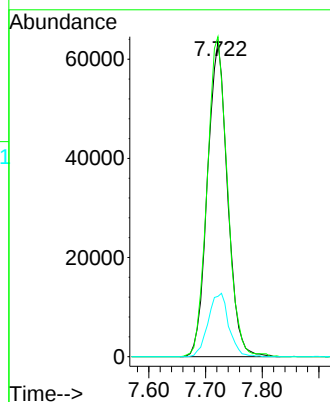
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	124.0
192	20.7	17.6	26.4

Manual Integrations

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Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#39

Methylcyclohexane

Concen: 3026.786 ug/l m

RT: 9.179 min Scan# 1207

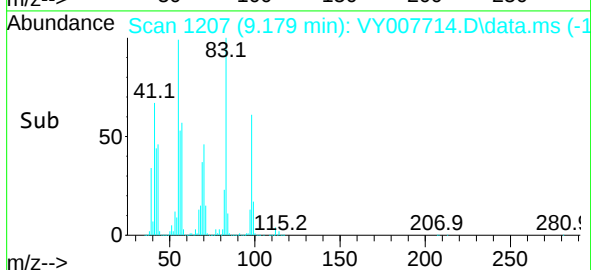
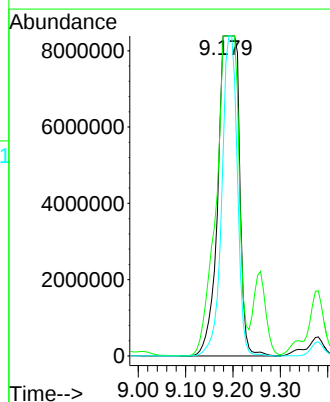
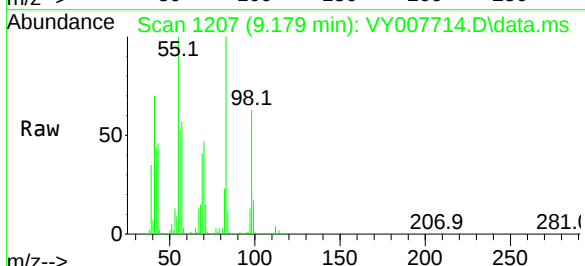
Delta R.T. -0.000 min

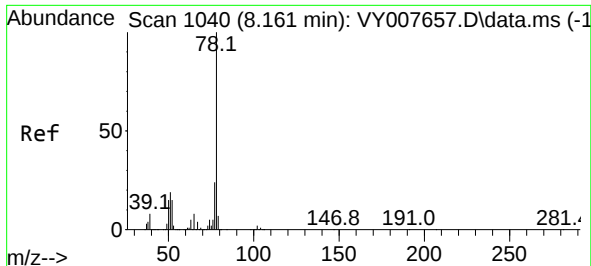
Lab File: VY007714.D

Acq: 03 Mar 2022 19:02

Tgt Ion: 83 Resp: 26449205

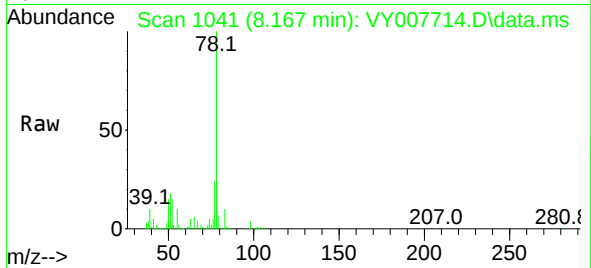
Ion	Ratio	Lower	Upper
83	100		
55	100.0	66.5	99.7#
98	62.8	37.9	56.9#





#40
Benzene
Concen: 49.423 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

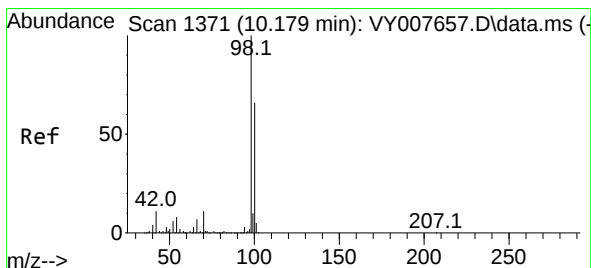
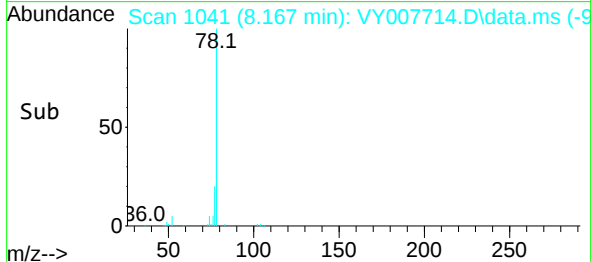
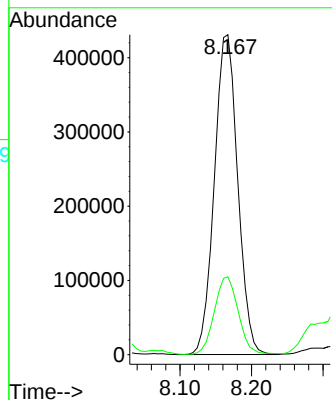
Instrument :
MSVOA_Y
ClientSampleId :
DISP-1



Tgt Ion: 78 Resp: 977990
Ion Ratio Lower Upper
78 100
77 24.2 20.4 30.6

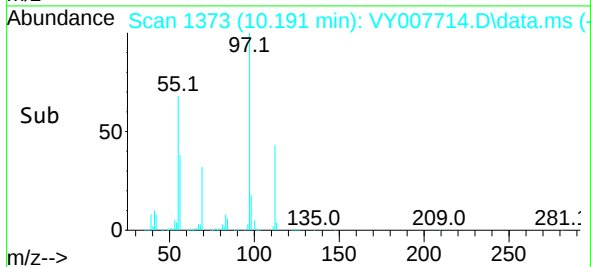
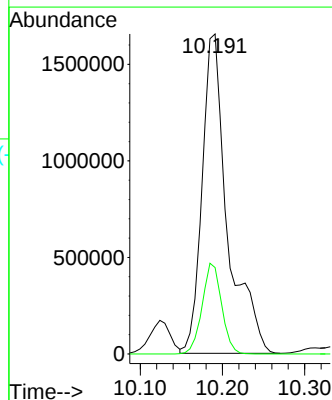
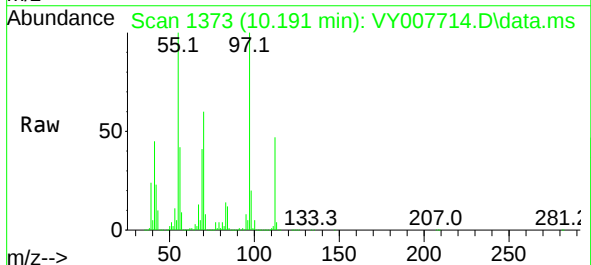
Manual Integrations
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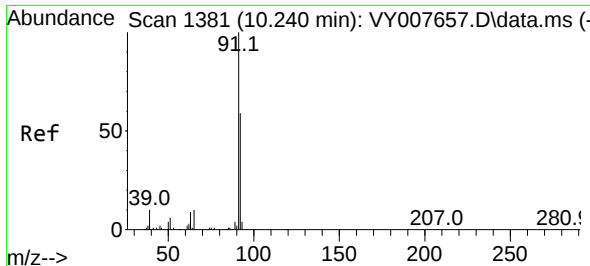
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#50
Toluene-d8
Concen: 213.732 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.012 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

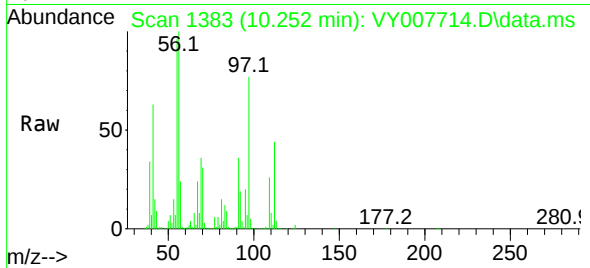
Tgt Ion: 98 Resp: 3556063
Ion Ratio Lower Upper
98 100
100 21.7 50.2 75.2#





#52
Toluene
Concen: 20.836 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.012 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

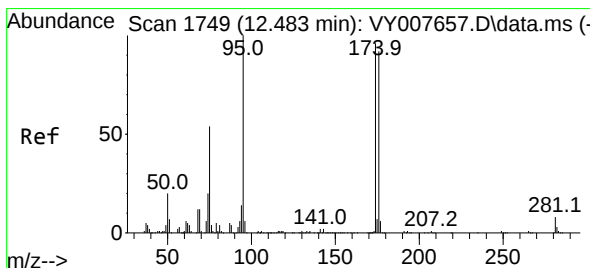
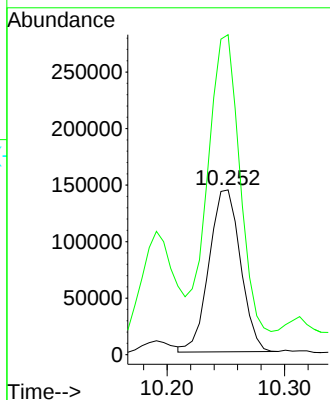
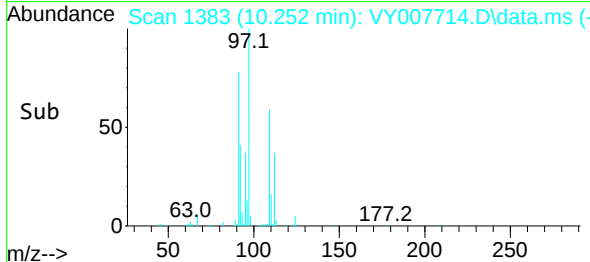
Instrument :
MSVOA_Y
ClientSampleId :
DISP-1



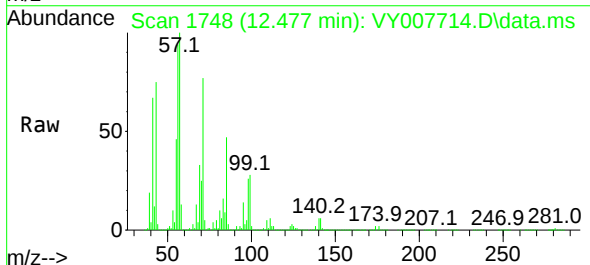
Tgt Ion: 92 Resp: 266594
Ion Ratio Lower Upper
92 100
91 185.1 142.6 213.8

Manual Integrations
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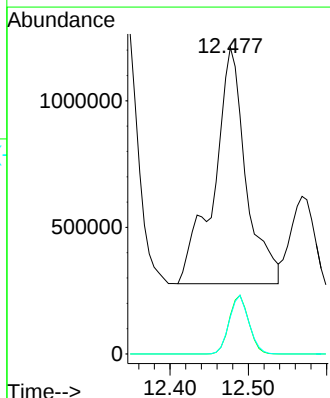
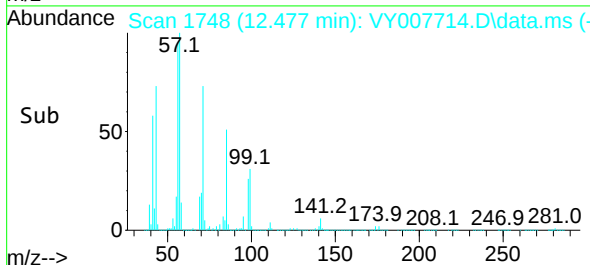
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

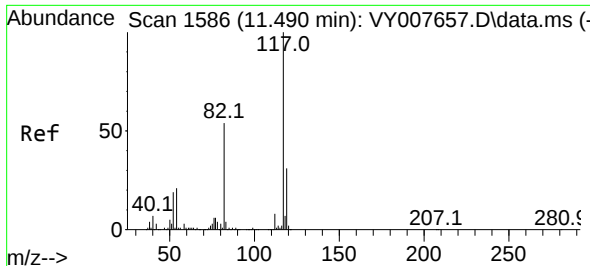


#62
4-Bromofluorobenzene
Concen: 495.001 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02



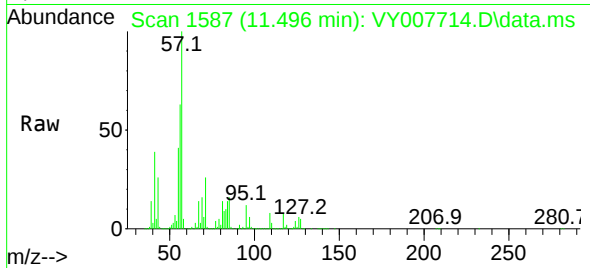
Tgt Ion: 95 Resp: 2654764
Ion Ratio Lower Upper
95 100
174 15.1 0.0 177.0
176 15.1 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

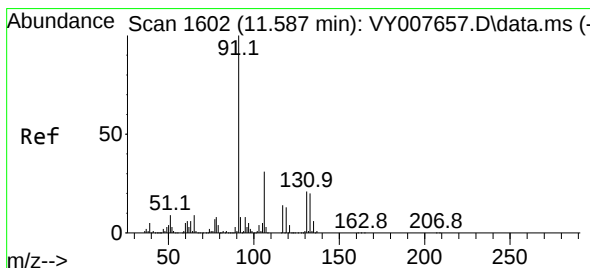
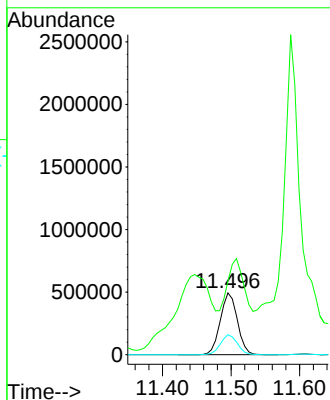
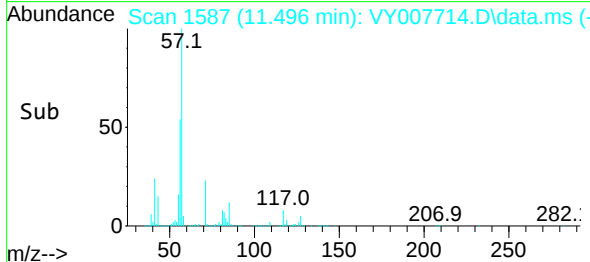
Instrument :
MSVOA_Y
ClientSampleId :
DISP-1



Tgt Ion:117 Resp: 84845
Ion Ratio Lower Upper
117 100
82 45.3 43.0 64.4
119 32.3 25.4 38.0

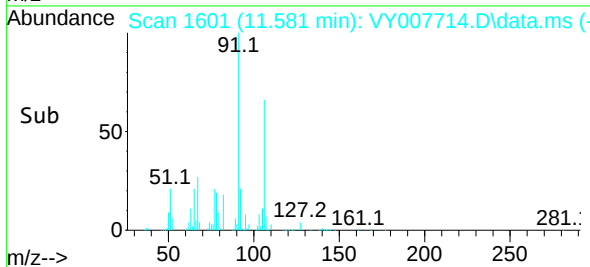
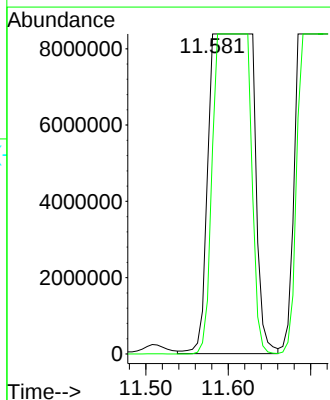
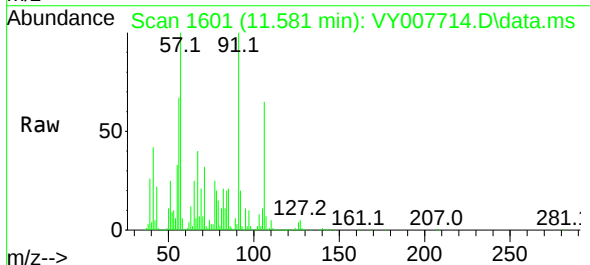
Manual Integrations
APPROVED

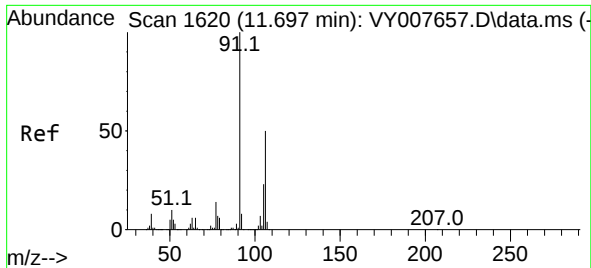
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#67
Ethyl Benzene
Concen: 945.375 ug/l m
RT: 11.581 min Scan# 1601
Delta R.T. -0.006 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

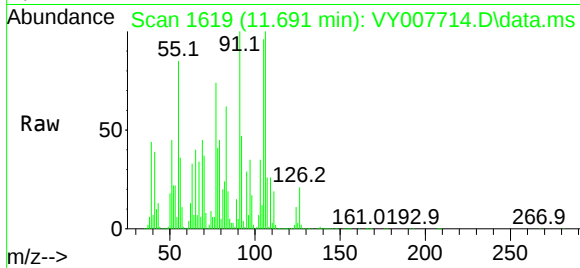
Tgt Ion: 91 Resp:31514421
Ion Ratio Lower Upper
91 100
106 64.7 24.5 36.7#





#68
m/p-Xylenes
Concen: 2735.822 ug/l m
RT: 11.691 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

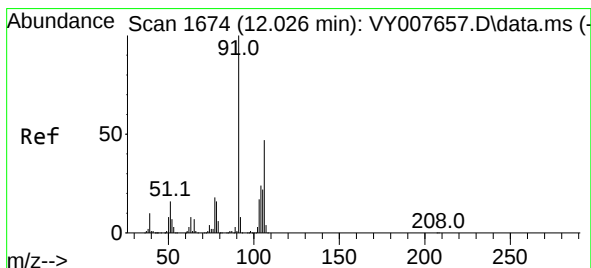
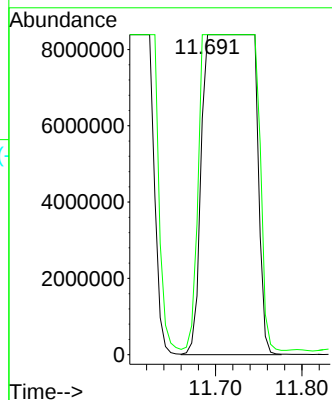
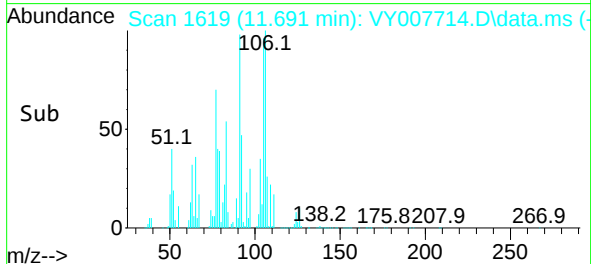
Instrument :
MSVOA_Y
ClientSampleId :
DISP-1



Tgt Ion:106 Resp:34992592
Ion Ratio Lower Upper
106 100
91 0.0 166.6 249.8

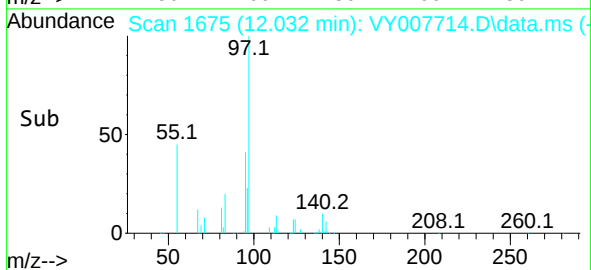
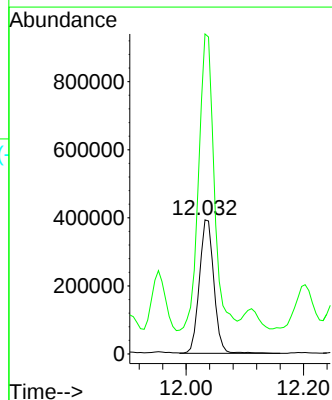
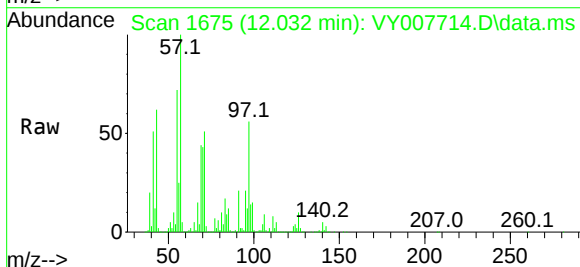
Manual Integrations
APPROVED

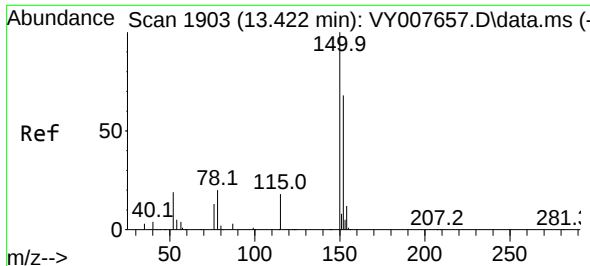
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#69
o-Xylene
Concen: 55.610 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

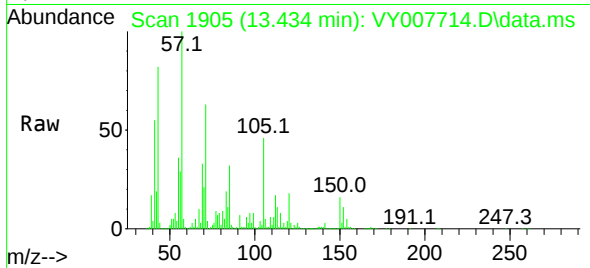
Tgt Ion:106 Resp: 674027
Ion Ratio Lower Upper
106 100
91 239.0 110.3 331.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.012 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

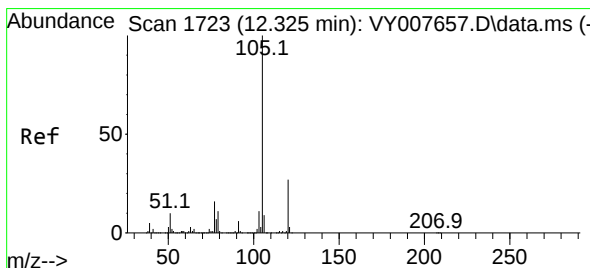
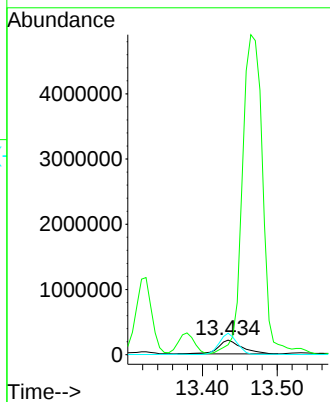
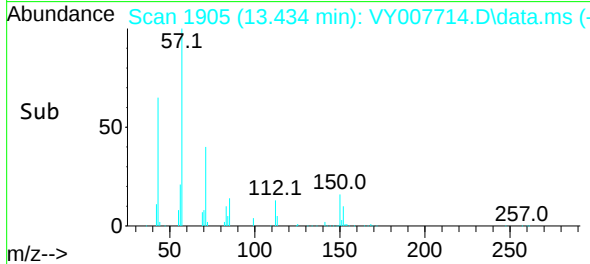
Instrument :
MSVOA_Y
ClientSampleId :
DISP-1



Tgt Ion:152 Resp: 458920
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7
150 117.2 0.0 347.6

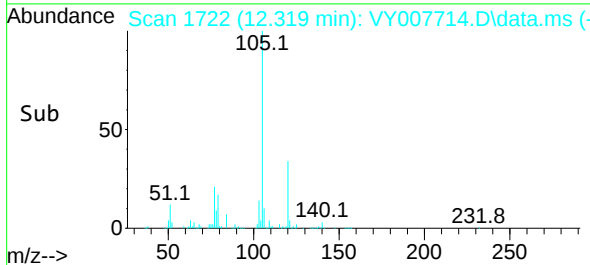
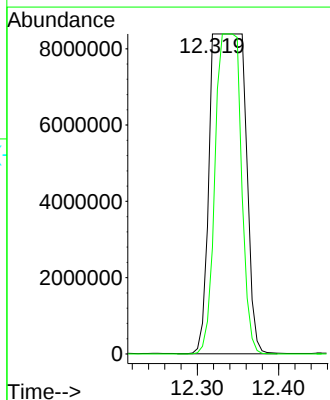
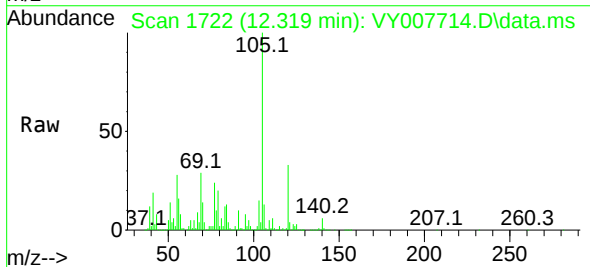
Manual Integrations
APPROVED

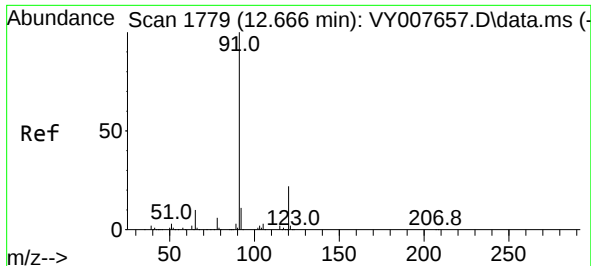
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#73
Isopropylbenzene
Concen: 714.667 ug/l m
RT: 12.319 min Scan# 1722
Delta R.T. -0.006 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

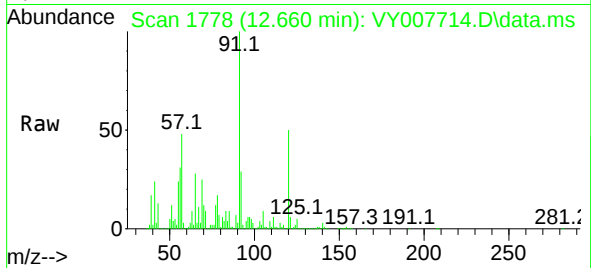
Tgt Ion:105 Resp:25551013
Ion Ratio Lower Upper
105 100
120 0.0 13.4 40.2#





#78
n-propylbenzene
Concen: 727.680 ug/l m
RT: 12.660 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

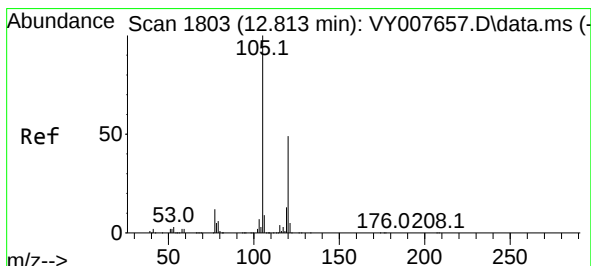
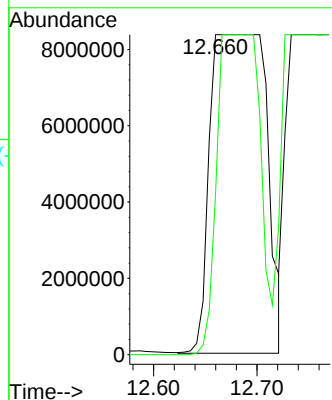
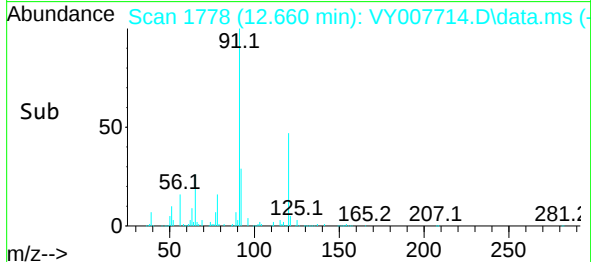
Instrument :
MSVOA_Y
ClientSampleId :
DISP-1



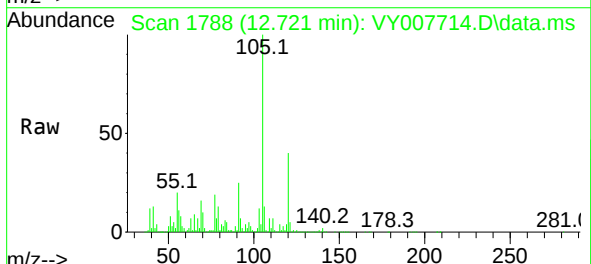
Tgt Ion: 91 Resp:3139331
Ion Ratio Lower Upper
91 100
120 8.3 11.3 33.9

Manual Integrations
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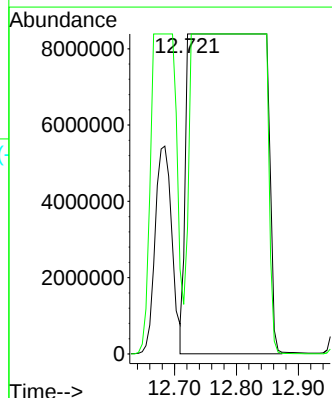
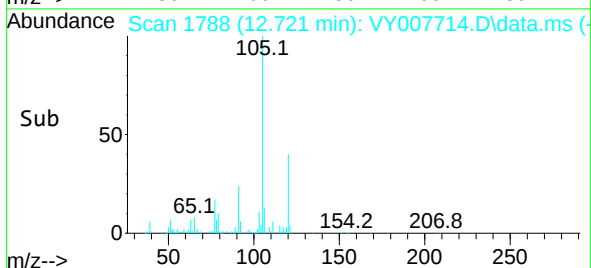
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

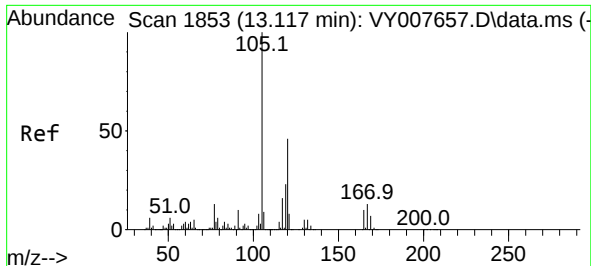


#80
1,3,5-Trimethylbenzene
Concen: 2459.114 ug/l m
RT: 12.721 min Scan# 1788
Delta R.T. -0.092 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02



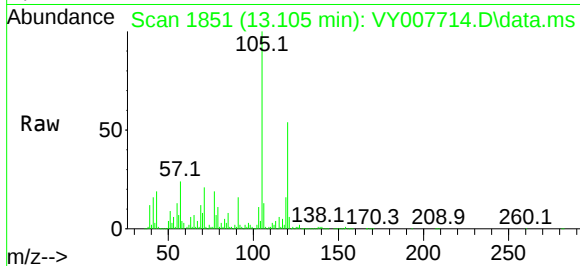
Tgt Ion:105 Resp:70300572
Ion Ratio Lower Upper
105 100
120 3.7 24.4 73.4





#84
1,2,4-Trimethylbenzene
Concen: 1291.924 ug/l m
RT: 13.105 min Scan# 1851
Delta R.T. -0.012 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

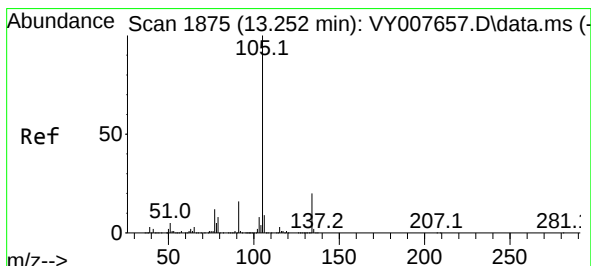
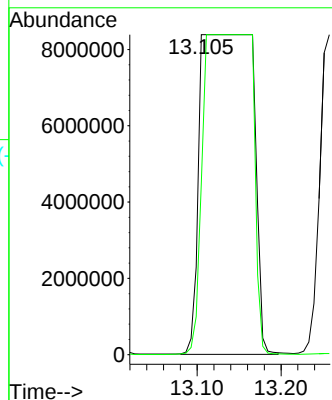
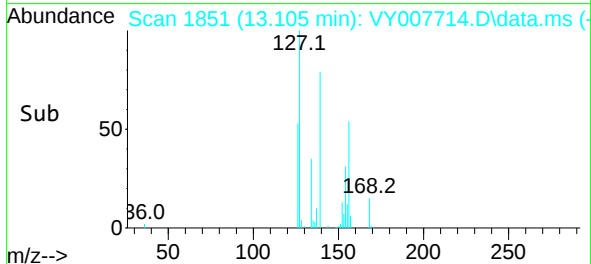
Instrument :
MSVOA_Y
ClientSampleId :
DISP-1



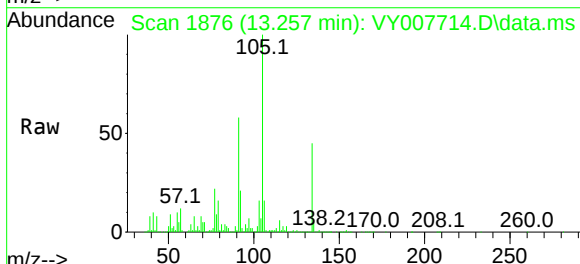
Tgt Ion:105 Resp:36379430
Ion Ratio Lower Upper
105 100
120 0.0 22.3 66.9

Manual Integrations
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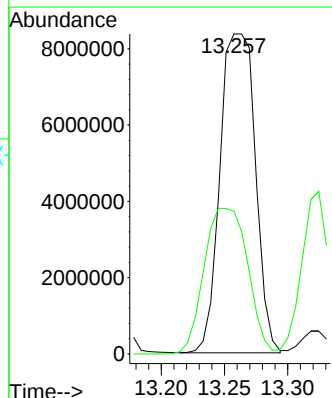
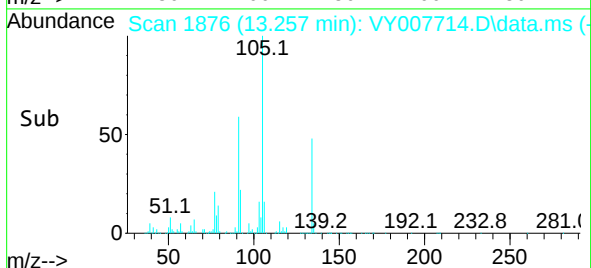
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

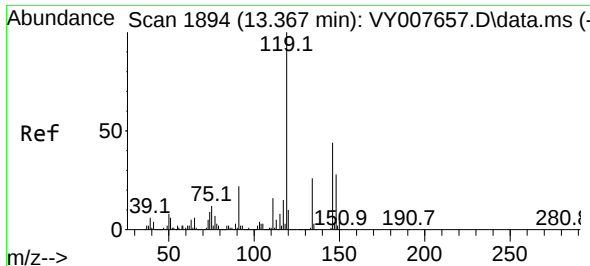


#85
sec-Butylbenzene
Concen: 417.277 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. 0.005 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02



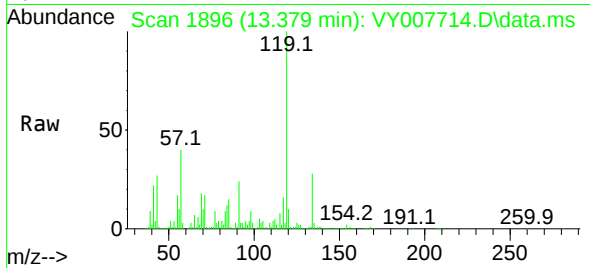
Tgt Ion:105 Resp:16231558
Ion Ratio Lower Upper
105 100
134 56.3 10.2 30.4





#86
p-Isopropyltoluene
Concen: 192.716 ug/l
RT: 13.379 min Scan# 1896
Delta R.T. 0.012 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

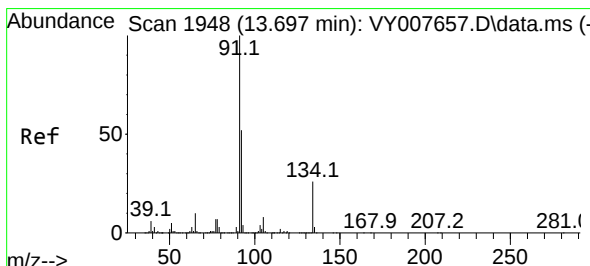
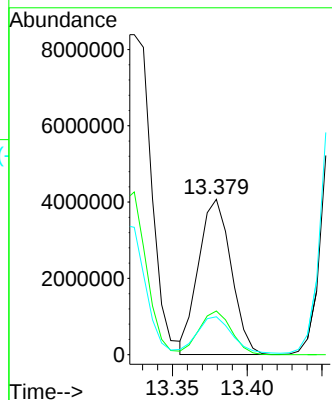
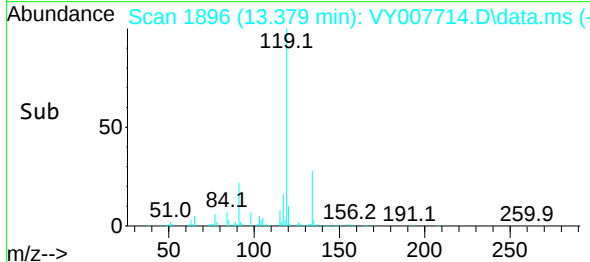
Instrument :
MSVOA_Y
ClientSampleId :
DISP-1



Tgt Ion:119 Resp: 6191509
Ion Ratio Lower Upper
119 100
134 27.7 13.2 39.5
91 24.7 12.4 37.2

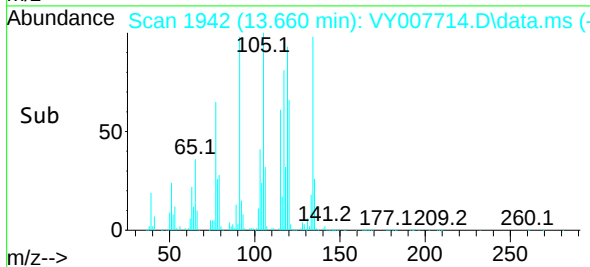
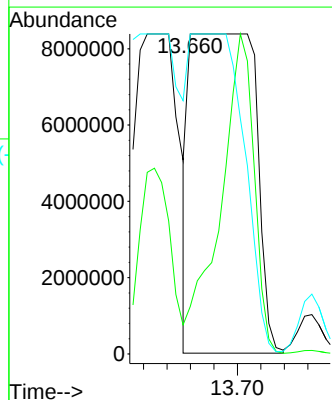
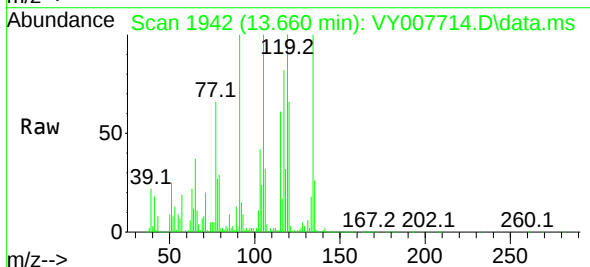
Manual Integrations
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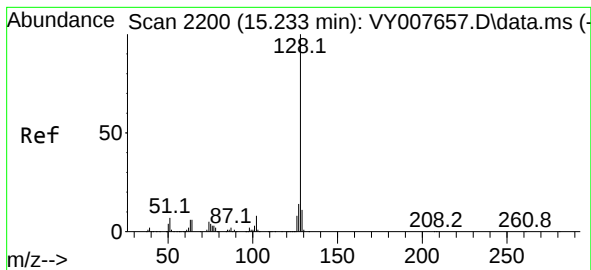
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#89
n-Butylbenzene
Concen: 1051.370 ug/l m
RT: 13.660 min Scan# 1942
Delta R.T. -0.037 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

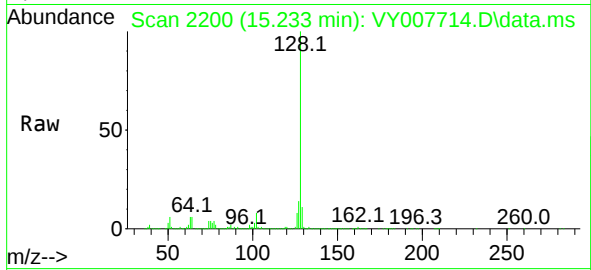
Tgt Ion: 91 Resp:31924402
Ion Ratio Lower Upper
91 100
92 0.0 26.3 78.9#
134 2.0 13.0 38.9#





#95
Naphthalene
Concen: 295.095 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

Instrument :
MSVOA_Y
ClientSampleId :
DISP-1



Tgt Ion:128 Resp: 553020
Ion Ratio Lower Upper
128 100
127 13.8 11.0 16.4
129 11.3 8.4 12.6

Manual Integrations
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Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

