

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
 Data File : VY015013.D
 Acq On : 09 Aug 2023 18:16
 Operator : SY/MD
 Sample : 03943-02
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP21B

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/10/2023
 Supervised By :Mahesh Dadoda 08/10/2023

Quant Time: Aug 10 01:49:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	53235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	83783	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	72064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	32343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	25467	39.470	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	78.940%		
35) Dibromofluoromethane	7.710	113	24150	45.075	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.140%		
50) Toluene-d8	10.179	98	98165	48.137	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.280%		
62) 4-Bromofluorobenzene	12.477	95	32208	44.563	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	89.120%		
Target Compounds						
16) Acetone	3.948	43	4222	20.984	ug/l	92
40) Benzene	8.155	78	7063	3.606	ug/l #	90
67) Ethyl Benzene	11.587	91	89282	37.204	ug/l	100
68) m/p-Xylenes	11.697	106	25259	27.514	ug/l	96
69) o-Xylene	12.026	106	14573	16.223	ug/l	97
73) Isopropylbenzene	12.325	105	11858	5.454	ug/l	99
78) n-propylbenzene	12.672	91	7663	2.947	ug/l	91
80) 1,3,5-Trimethylbenzene	12.813	105	18592	10.377	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	65686	36.593	ug/l	98
86) p-Isopropyltoluene	13.367	119	5427m	2.726	ug/l	
89) n-Butylbenzene	13.684	91	2376m	1.270	ug/l	

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

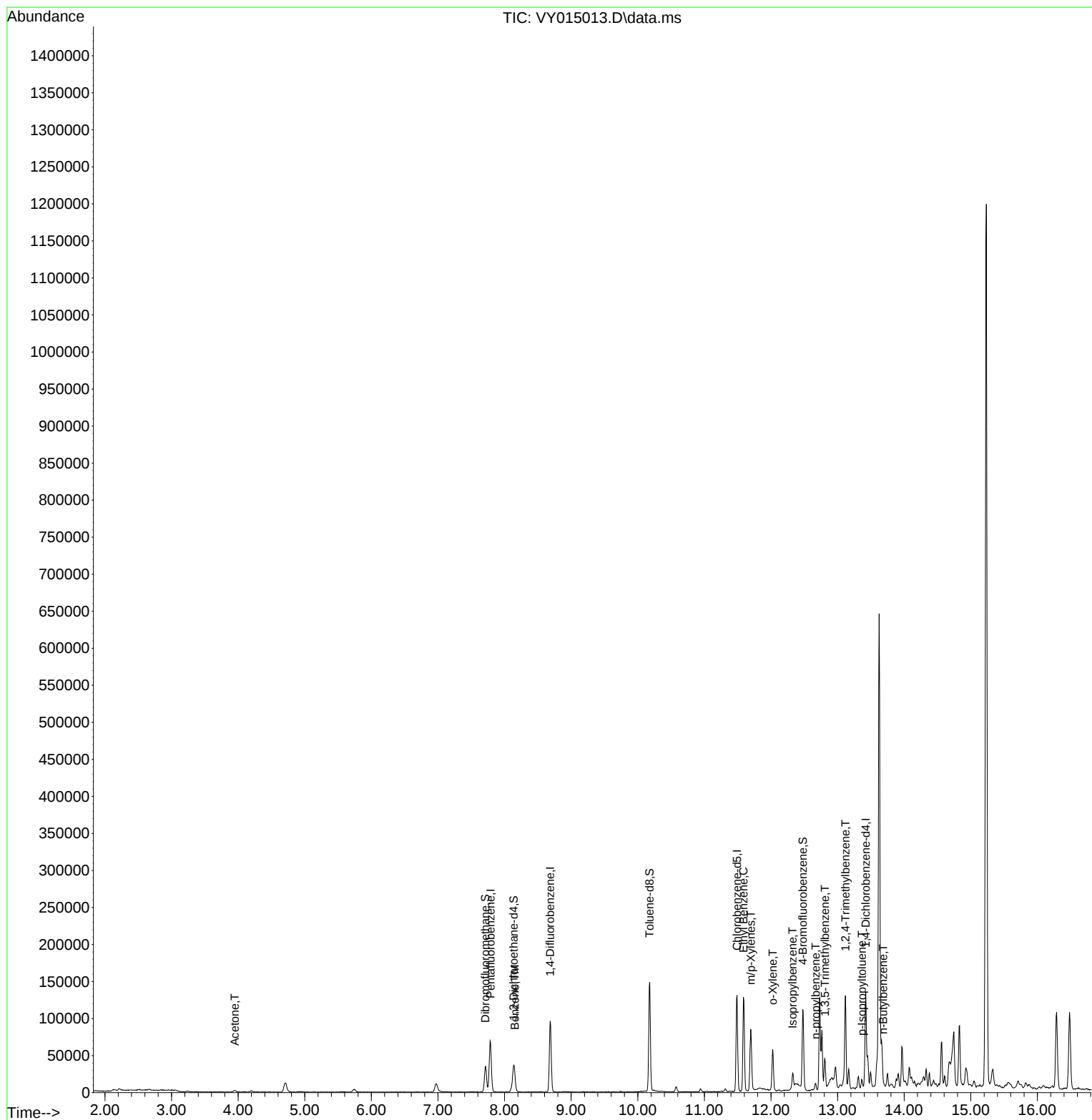
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
Data File : VY015013.D
Acq On : 09 Aug 2023 18:16
Operator : SY/MD
Sample : 03943-02
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

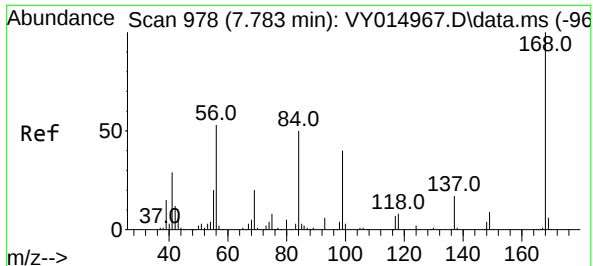
Instrument :
MSVOA_Y
ClientSampleId :
B-PP21B

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

Quant Time: Aug 10 01:49:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 08 07:44:56 2023
Response via : Initial Calibration





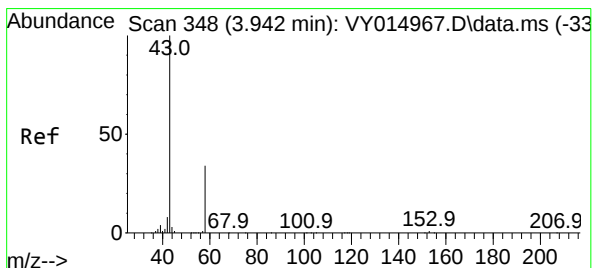
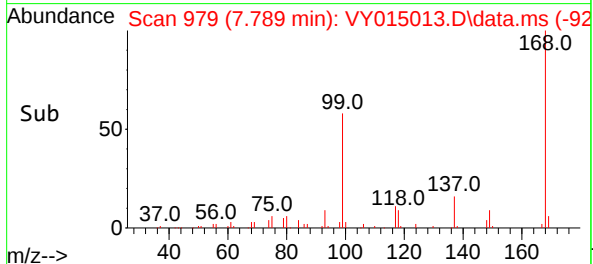
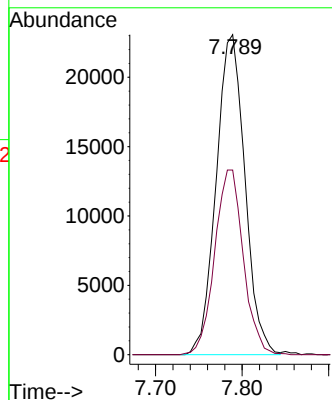
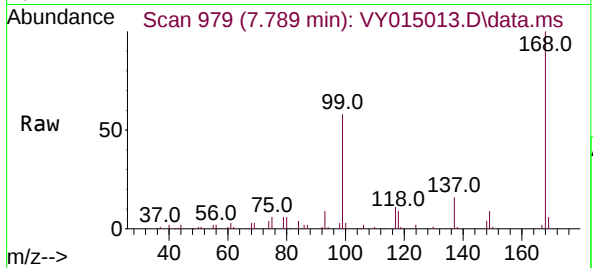
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015013.D
Acq: 09 Aug 2023 18:16

Instrument :
MSVOA_Y
ClientSampleId :
B-PP21B

Tgt Ion:168 Resp: 5323
Ion Ratio Lower Upper
168 100
99 57.7 43.4 65.0

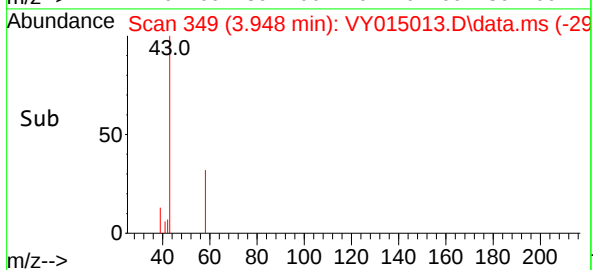
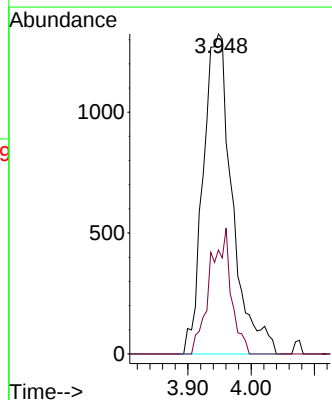
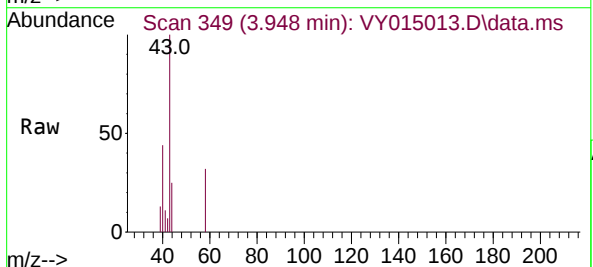
Manual Integrations
APPROVED

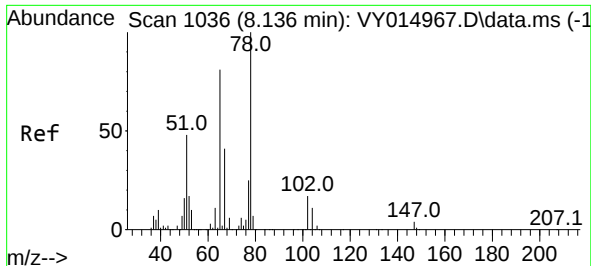
Reviewed By :Romaben Patel 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#16
Acetone
Concen: 20.984 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015013.D
Acq: 09 Aug 2023 18:16

Tgt Ion: 43 Resp: 4222
Ion Ratio Lower Upper
43 100
58 32.5 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 39.470 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015013.D

Acq: 09 Aug 2023 18:16

Instrument :

MSVOA_Y

ClientSampleId :

B-PP21B

Tgt Ion: 65 Resp: 2546

Ion Ratio Lower Upper

65 100

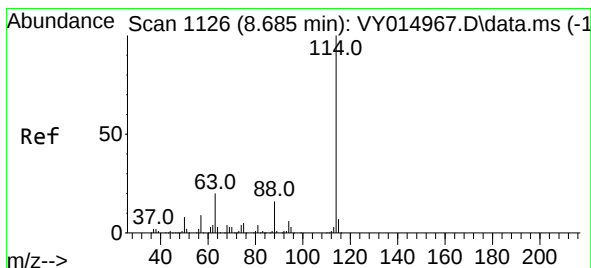
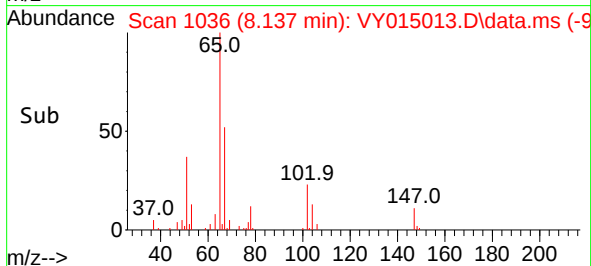
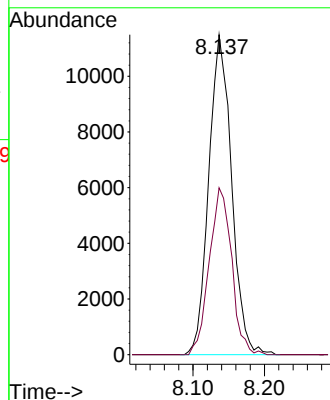
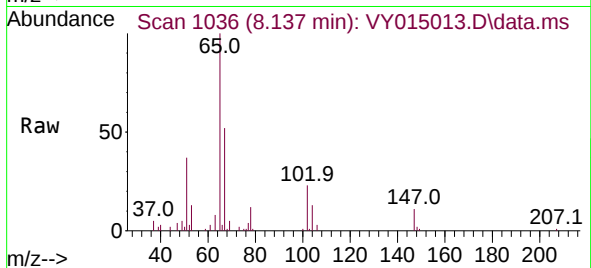
67 51.2 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/10/2023

Supervised By :Mahesh Dadoda 08/10/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015013.D

Acq: 09 Aug 2023 18:16

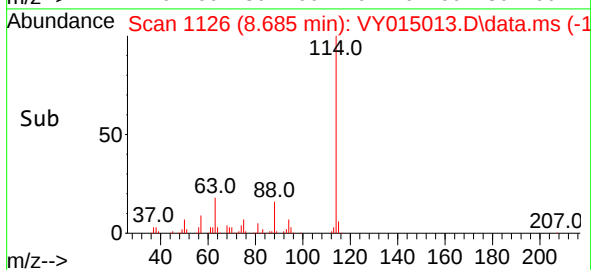
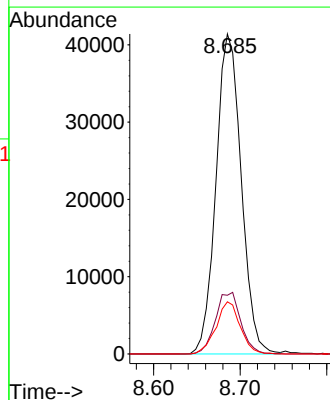
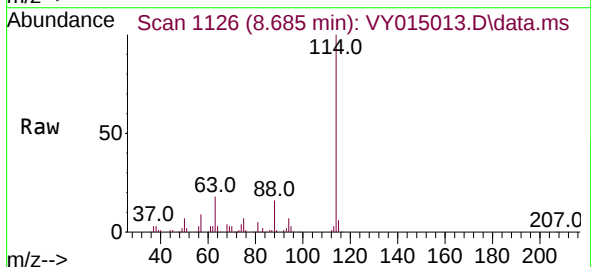
Tgt Ion:114 Resp: 83783

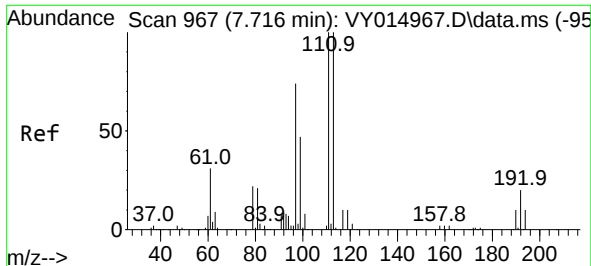
Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

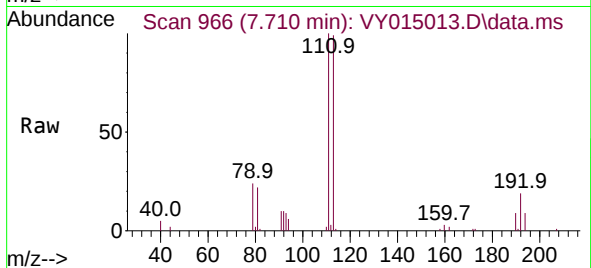
88 16.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 45.075 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY015013.D
Acq: 09 Aug 2023 18:16

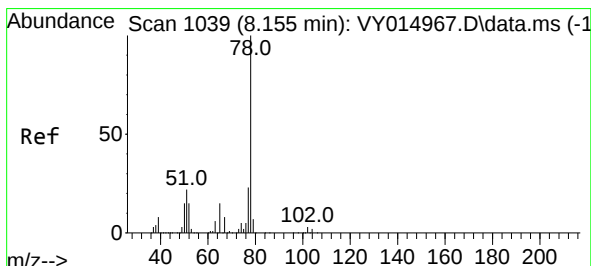
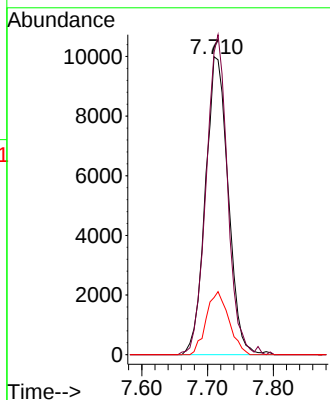
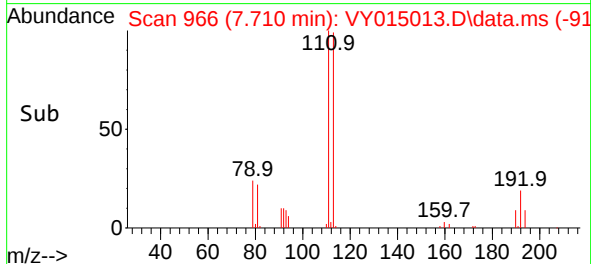
Instrument :
MSVOA_Y
ClientSampleId :
B-PP21B



Tgt Ion:113 Resp: 24150
Ion Ratio Lower Upper
113 100
111 100.7 81.3 121.9
192 21.0 16.9 25.3

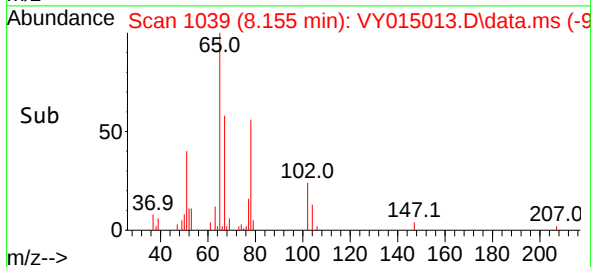
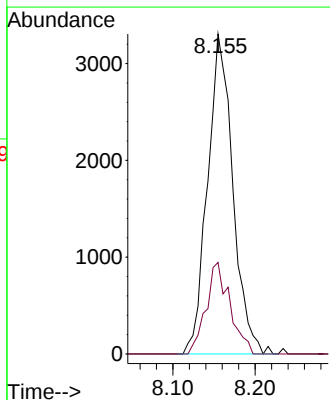
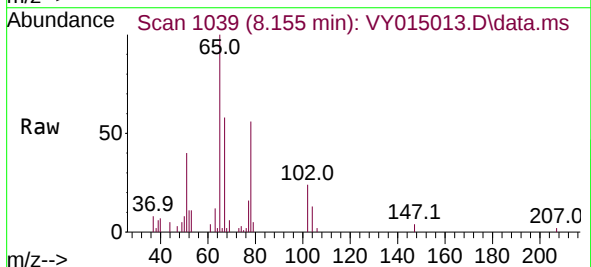
Manual Integrations
APPROVED

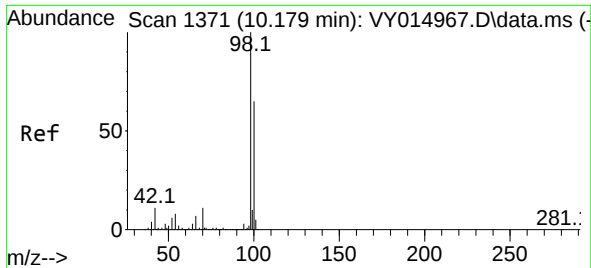
Reviewed By :Romaben Patel 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#40
Benzene
Concen: 3.606 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY015013.D
Acq: 09 Aug 2023 18:16

Tgt Ion: 78 Resp: 7063
Ion Ratio Lower Upper
78 100
77 28.6 19.0 28.6#





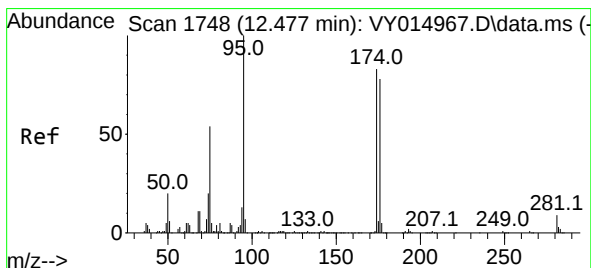
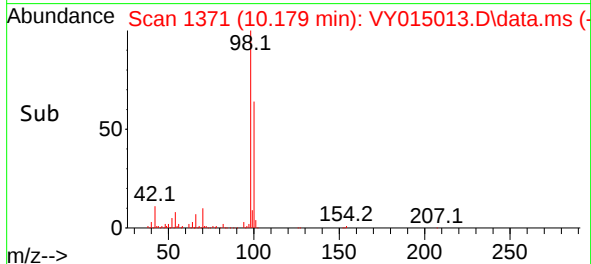
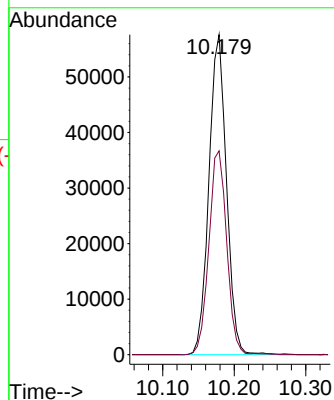
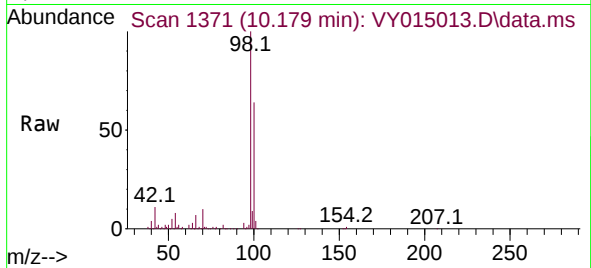
#50
Toluene-d8
Concen: 48.137 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015013.D
Acq: 09 Aug 2023 18:16

Instrument :
MSVOA_Y
ClientSampleId :
B-PP21B

Tgt Ion: 98 Resp: 9816
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1

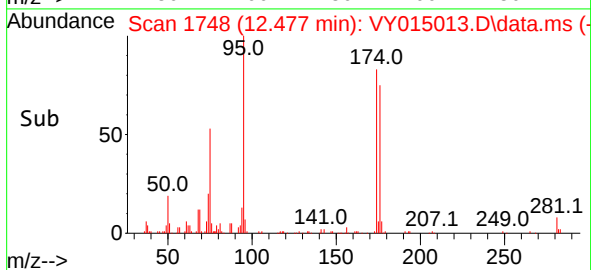
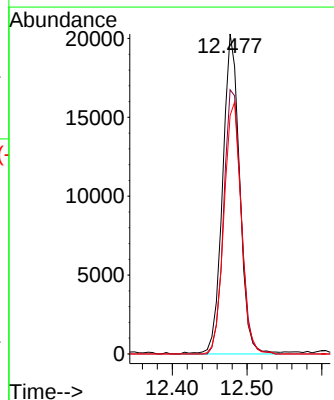
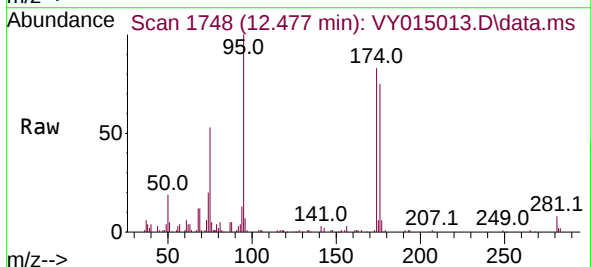
Manual Integrations
APPROVED

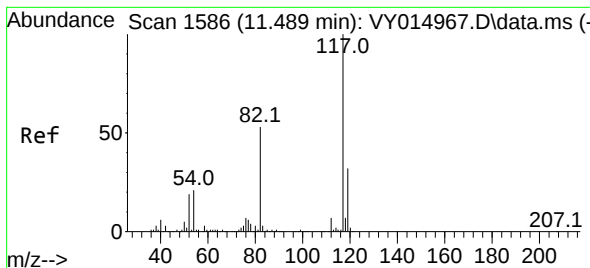
Reviewed By :Romaben Patel 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#62
4-Bromofluorobenzene
Concen: 44.563 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015013.D
Acq: 09 Aug 2023 18:16

Tgt Ion: 95 Resp: 32208
Ion Ratio Lower Upper
95 100
174 83.8 0.0 178.2
176 79.6 0.0 173.8





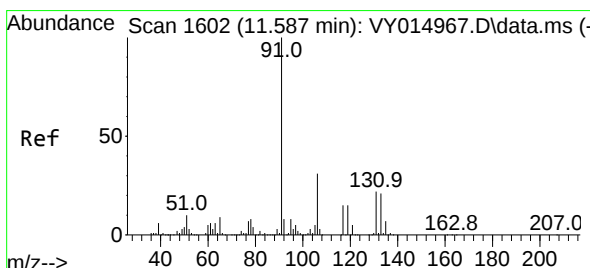
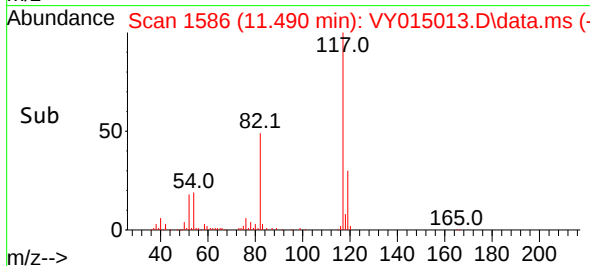
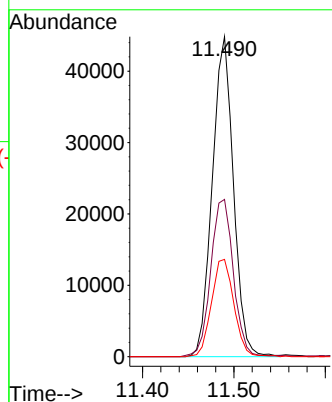
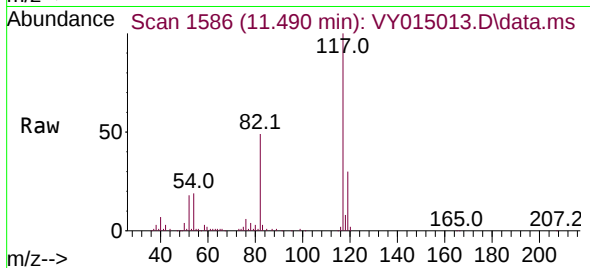
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015013.D
Acq: 09 Aug 2023 18:16

Instrument :
MSVOA_Y
ClientSampleId :
B-PP21B

Tgt Ion:117 Resp: 72064
Ion Ratio Lower Upper
117 100
82 49.2 43.4 65.0
119 30.4 26.3 39.5

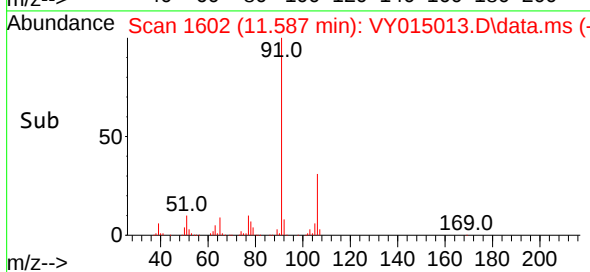
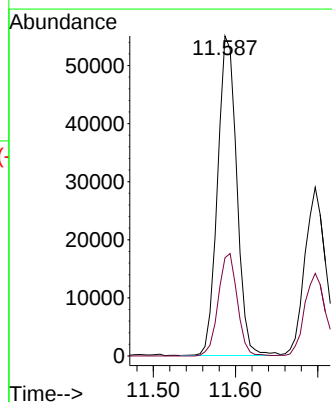
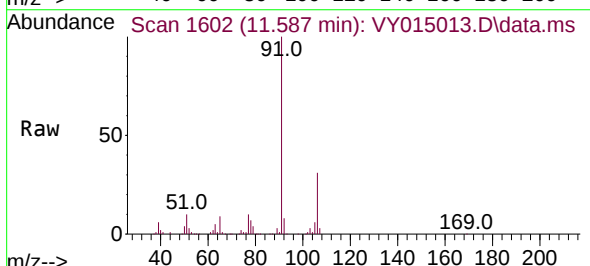
Manual Integrations
APPROVED

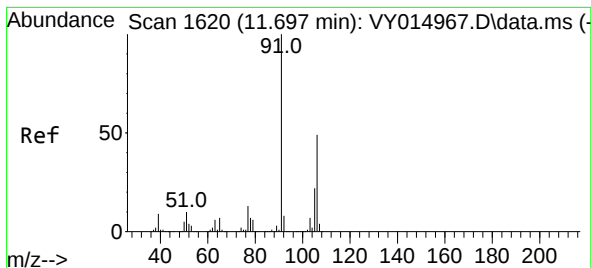
Reviewed By :Romaben Patel 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#67
Ethyl Benzene
Concen: 37.204 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015013.D
Acq: 09 Aug 2023 18:16

Tgt Ion: 91 Resp: 89282
Ion Ratio Lower Upper
91 100
106 30.8 24.6 36.8





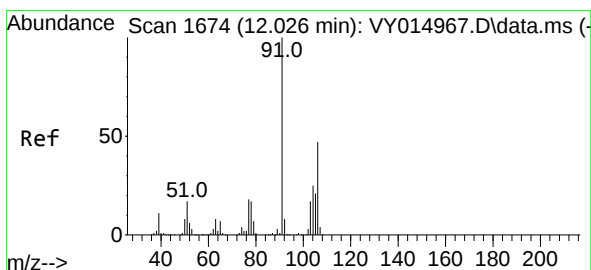
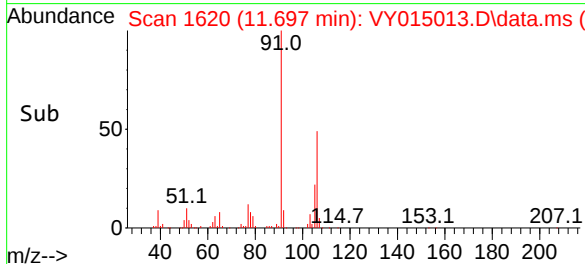
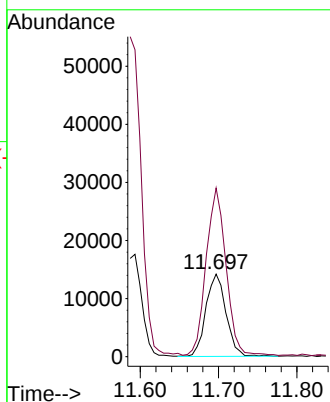
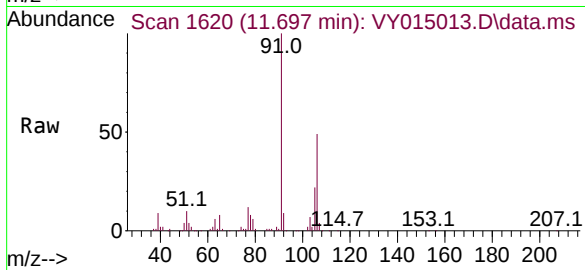
#68
m/p-Xylenes
Concen: 27.514 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY015013.D
Acq: 09 Aug 2023 18:16

Instrument :
MSVOA_Y
ClientSampleId :
B-PP21B

Tgt Ion:106 Resp: 25259
Ion Ratio Lower Upper
106 100
91 201.4 166.1 249.1

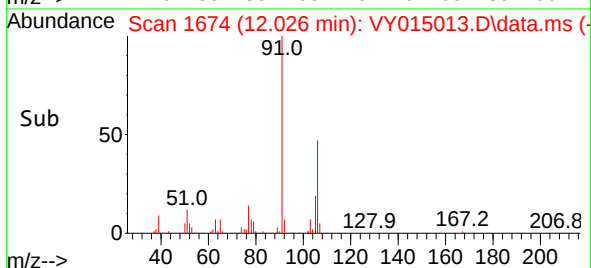
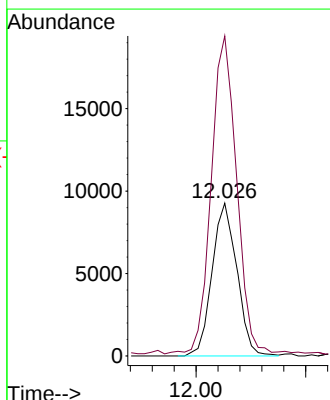
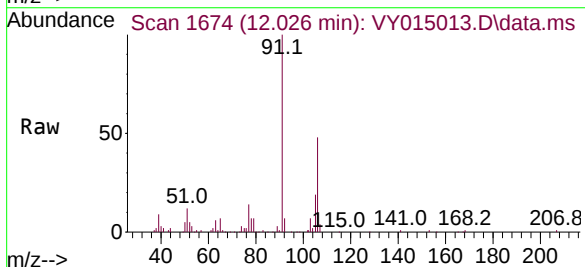
Manual Integrations
APPROVED

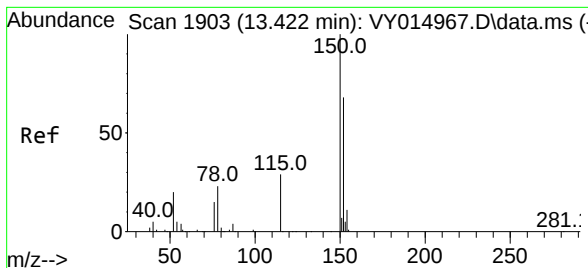
Reviewed By :Romaben Patel 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#69
o-Xylene
Concen: 16.223 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015013.D
Acq: 09 Aug 2023 18:16

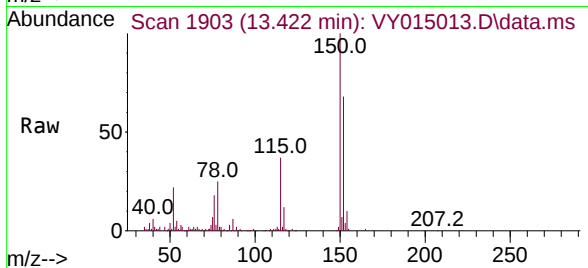
Tgt Ion:106 Resp: 14573
Ion Ratio Lower Upper
106 100
91 212.1 108.1 324.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015013.D
Acq: 09 Aug 2023 18:16

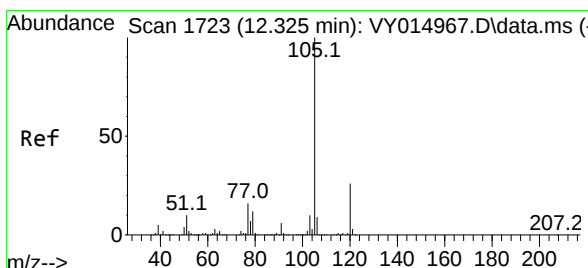
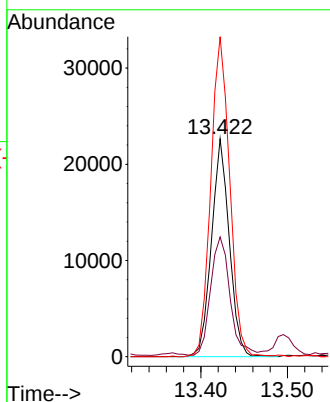
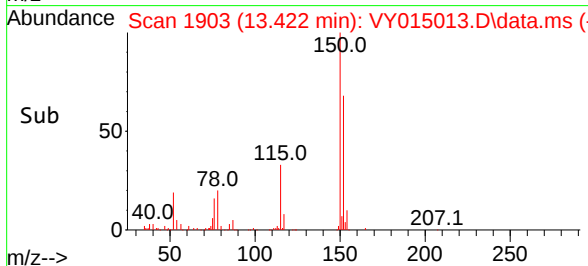
Instrument :
MSVOA_Y
ClientSampleId :
B-PP21B



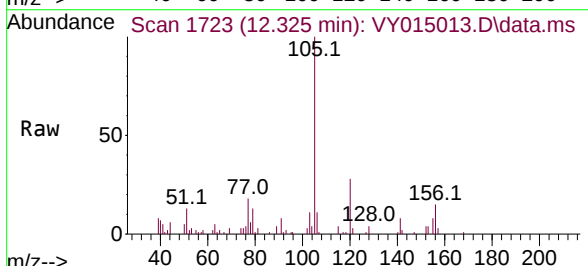
Tgt Ion:152 Resp: 3234
Ion Ratio Lower Upper
152 100
115 58.9 28.8 86.5
150 155.8 0.0 348.8

Manual Integrations
APPROVED

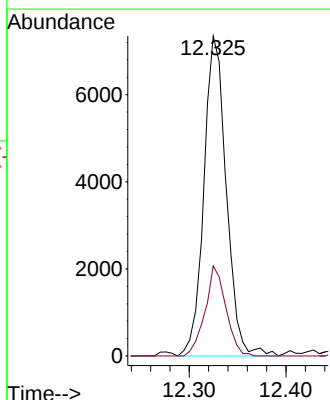
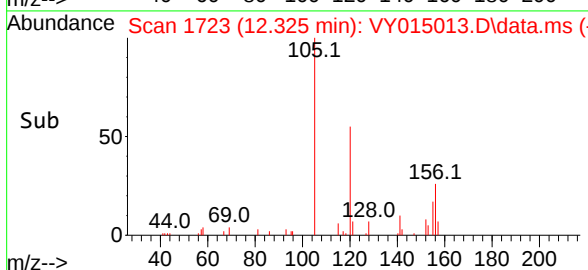
Reviewed By :Romaben Patel 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

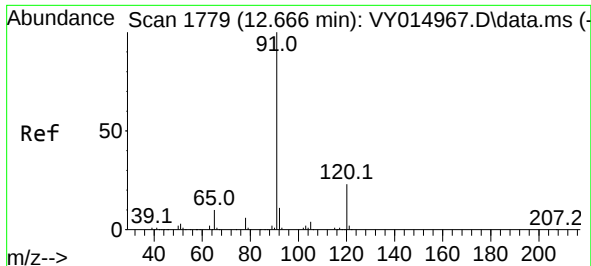


#73
Isopropylbenzene
Concen: 5.454 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY015013.D
Acq: 09 Aug 2023 18:16



Tgt Ion:105 Resp: 11858
Ion Ratio Lower Upper
105 100
120 26.1 13.3 39.9





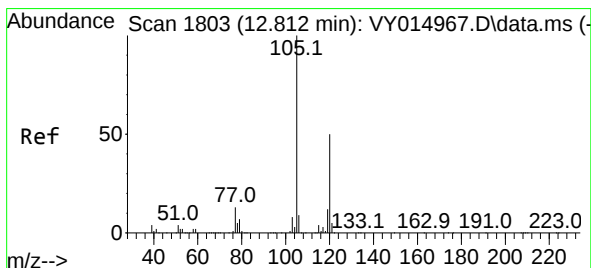
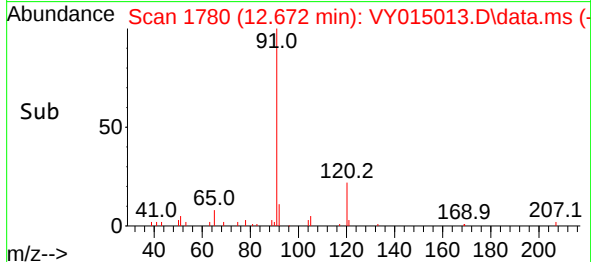
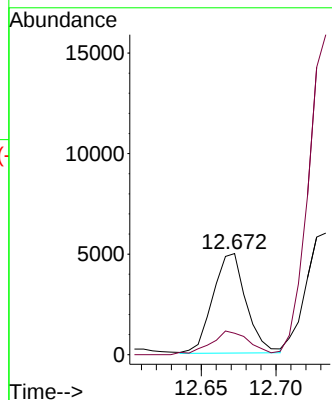
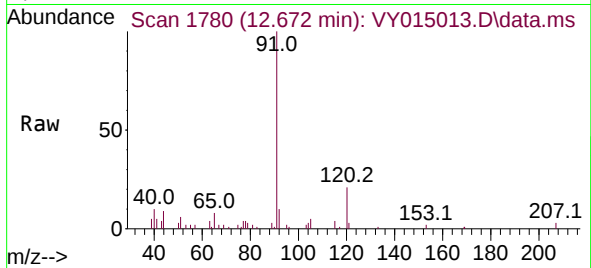
#78
n-propylbenzene
Concen: 2.947 ug/l
RT: 12.672 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY015013.D
Acq: 09 Aug 2023 18:16

Instrument :
MSVOA_Y
ClientSampleId :
B-PP21B

Tgt Ion: 91 Resp: 766
Ion Ratio Lower Upper
91 100
120 27.3 11.5 34.4

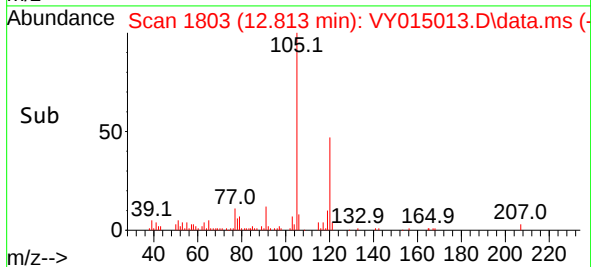
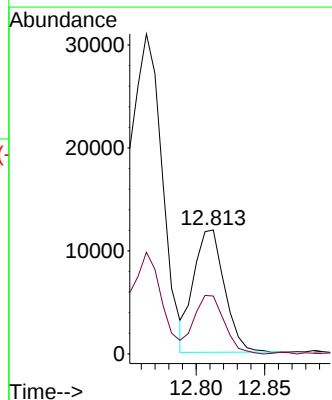
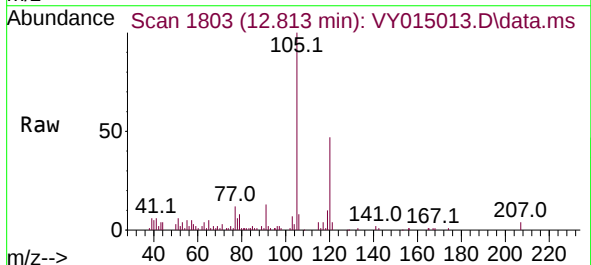
Manual Integrations
APPROVED

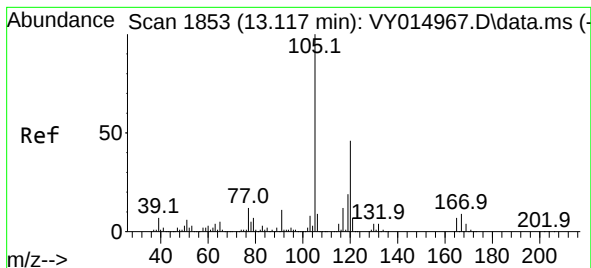
Reviewed By :Romaben Patel 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#80
1,3,5-Trimethylbenzene
Concen: 10.377 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015013.D
Acq: 09 Aug 2023 18:16

Tgt Ion:105 Resp: 18592
Ion Ratio Lower Upper
105 100
120 47.0 23.9 71.7





#84

1,2,4-Trimethylbenzene

Concen: 36.593 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015013.D

Acq: 09 Aug 2023 18:16

Instrument :

MSVOA_Y

ClientSampleId :

B-PP21B

Tgt Ion:105 Resp: 6568

Ion Ratio Lower Upper

105 100

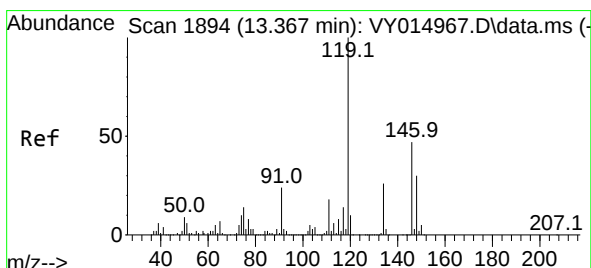
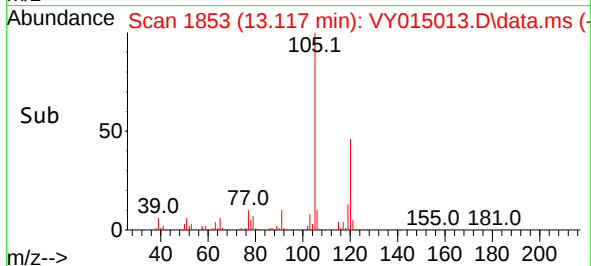
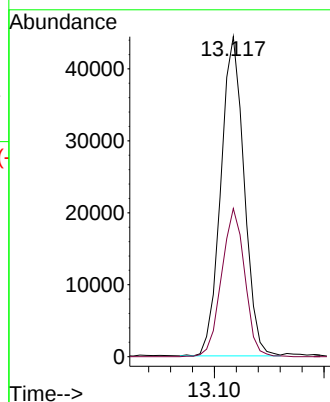
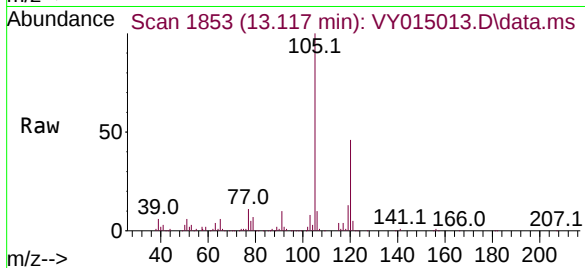
120 46.0 22.2 66.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/10/2023

Supervised By :Mahesh Dadoda 08/10/2023



#86

p-Isopropyltoluene

Concen: 2.726 ug/l m

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015013.D

Acq: 09 Aug 2023 18:16

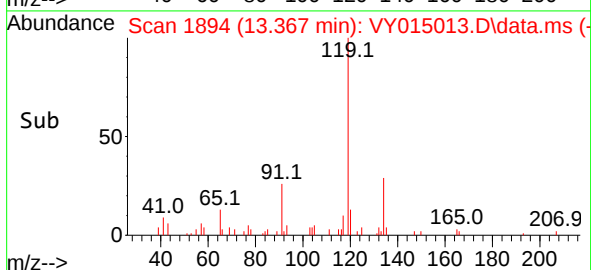
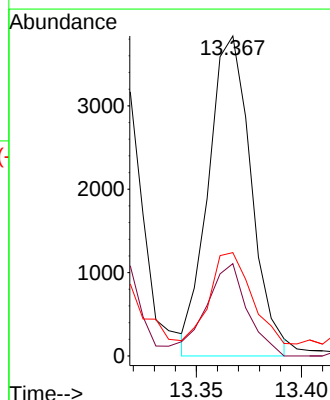
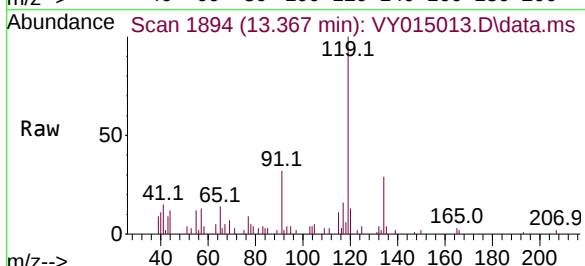
Tgt Ion:119 Resp: 5427

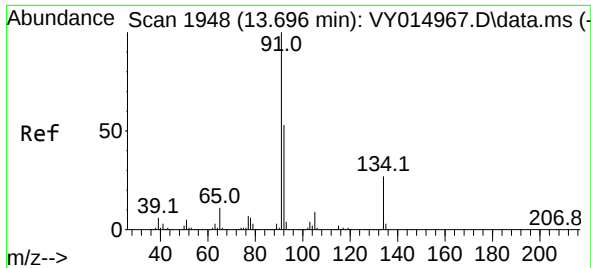
Ion Ratio Lower Upper

119 100

134 39.9 13.3 39.8#

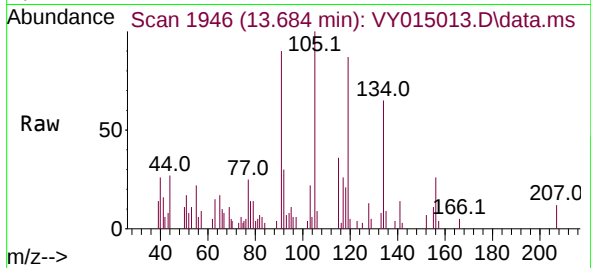
91 32.4 12.4 37.4





#89
 n-Butylbenzene
 Concen: 1.270 ug/l m
 RT: 13.684 min Scan# 1946
 Delta R.T. -0.012 min
 Lab File: VY015013.D
 Acq: 09 Aug 2023 18:16

Instrument : MSVOA_Y
 ClientSampleId : B-PP21B



Tgt Ion: 91	Resp: 2370
Ion Ratio	Lower Upper
91	100
92	247.2 25.4 76.0
134	0.0 12.6 37.6

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/10/2023
 Supervised By :Mahesh Dadoda 08/10/2023

