

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
 Data File : VY015015.D
 Acq On : 09 Aug 2023 19:04
 Operator : SY/MD
 Sample : 03956-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP23A

Manual Integrations
 APPROVED

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

Quant Time: Aug 10 01:50:33 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)

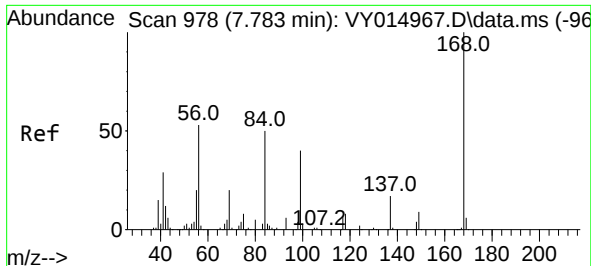
Internal Standards						
1) Pentafluorobenzene	7.789	168	27051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	38288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	27809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	9733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	9398	28.664	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	57.320%		
35) Dibromofluoromethane	7.716	113	7818	31.931	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	63.860%		
50) Toluene-d8	10.179	98	42203	45.285	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.580%		
62) 4-Bromofluorobenzene	12.477	95	11118	33.661	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	67.320%		
Target Compounds					Qvalue	
40) Benzene	8.167	78	3254	3.635	ug/l	95
67) Ethyl Benzene	11.593	91	28868	31.173	ug/l	98
68) m/p-Xylenes	11.697	106	8477	23.928	ug/l	95
69) o-Xylene	12.026	106	5036	14.528	ug/l	96
73) Isopropylbenzene	12.325	105	4601	7.032	ug/l	96
78) n-propylbenzene	12.672	91	3135	4.006	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	7562	14.025	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	25613	47.415	ug/l	96
86) p-Isopropyltoluene	13.361	119	2191m	3.657	ug/l	
89) n-Butylbenzene	13.697	91	1103m	1.959	ug/l	

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

Manual Integrations

Quant Time: Aug 10 01:50:33 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





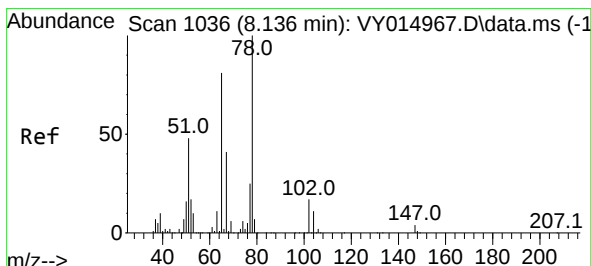
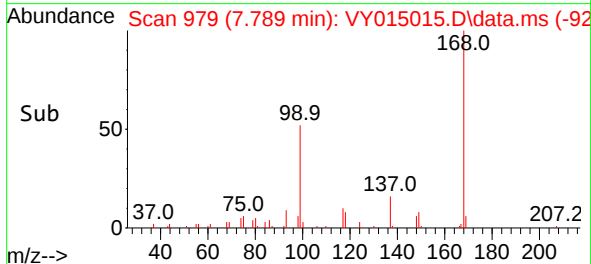
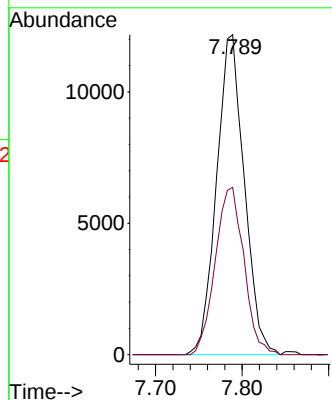
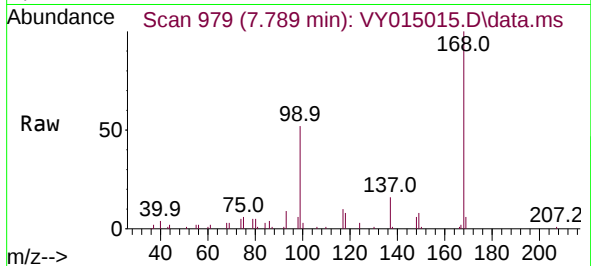
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015015.D
Acq: 09 Aug 2023 19:04

Instrument :
MSVOA_Y
ClientSampleId :
B-PP23A

Tgt Ion:168 Resp: 2705
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0

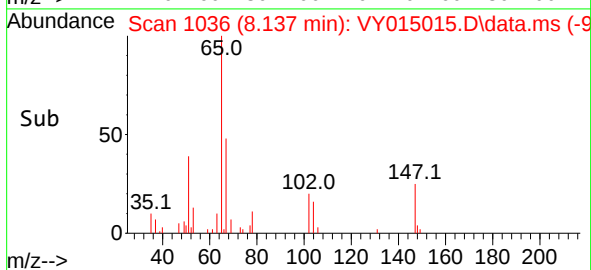
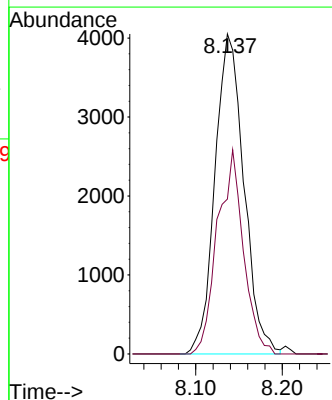
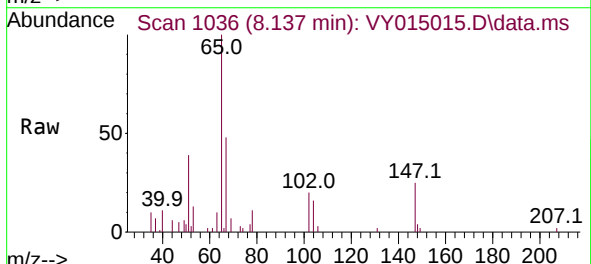
Manual Integrations
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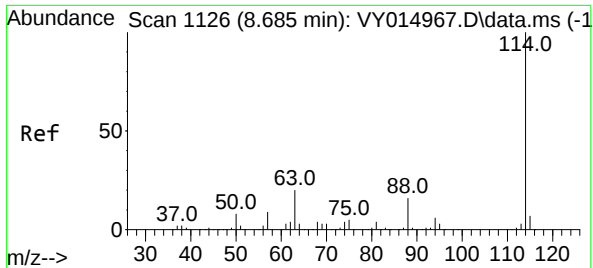
Reviewed By :Romaben Patel 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#33
1,2-Dichloroethane-d4
Concen: 28.664 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015015.D
Acq: 09 Aug 2023 19:04

Tgt Ion: 65 Resp: 9398
Ion Ratio Lower Upper
65 100
67 57.3 0.0 101.8





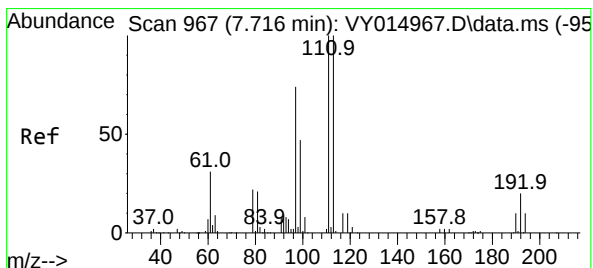
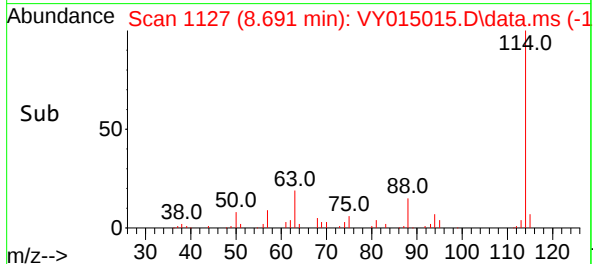
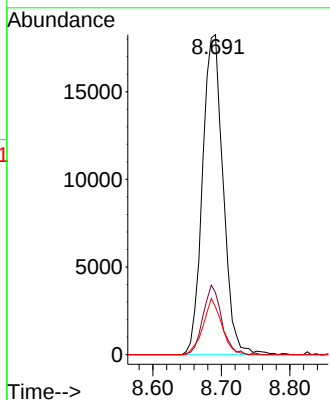
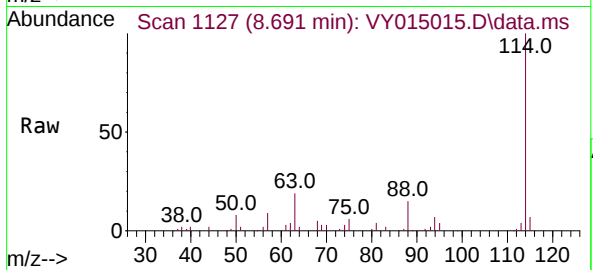
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015015.D
Acq: 09 Aug 2023 19:04

Instrument :
MSVOA_Y
ClientSampleId :
B-PP23A

Tgt Ion:114 Resp: 3828
Ion Ratio Lower Upper
114 100
63 19.3 0.0 42.4
88 14.9 0.0 30.6

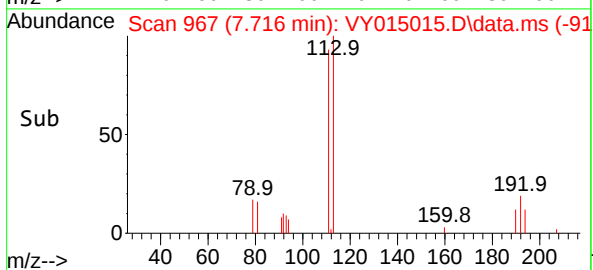
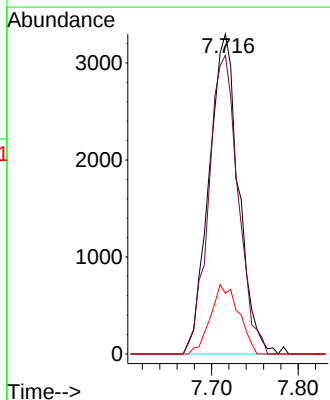
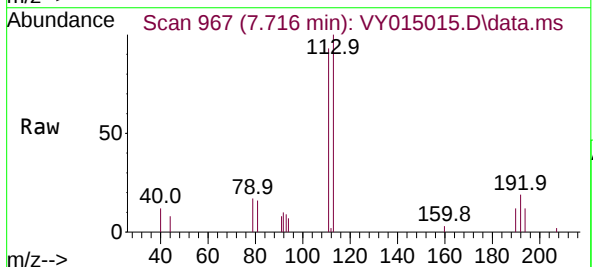
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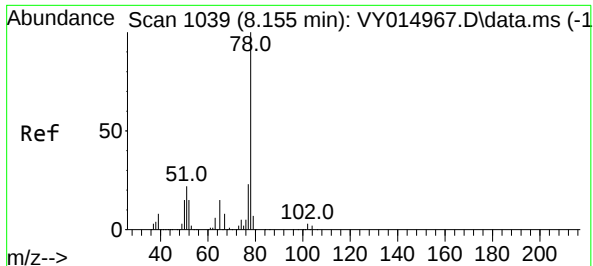
Reviewed By :Romaben Patel 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#35
Dibromofluoromethane
Concen: 31.931 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015015.D
Acq: 09 Aug 2023 19:04

Tgt Ion:113 Resp: 7818
Ion Ratio Lower Upper
113 100
111 93.2 81.3 121.9
192 20.7 16.9 25.3





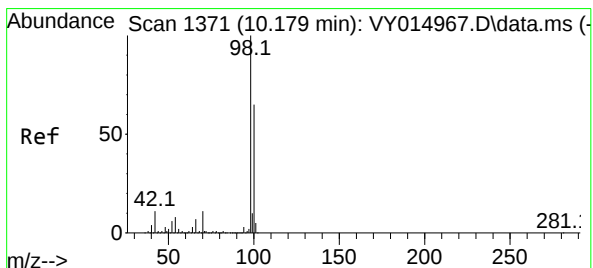
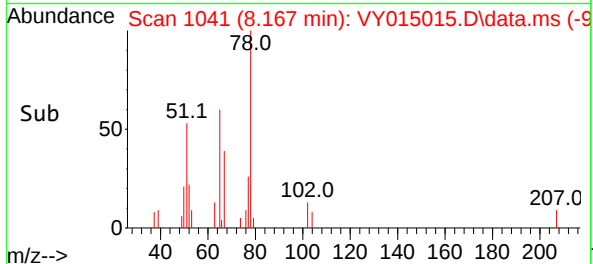
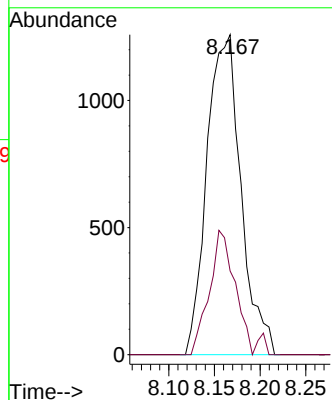
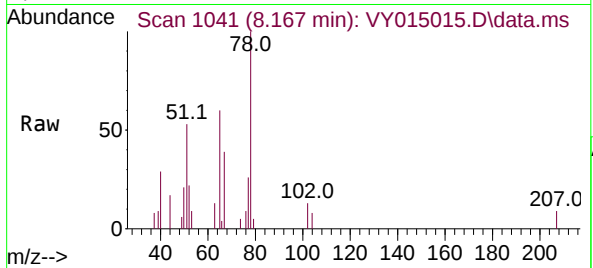
#40
Benzene
Concen: 3.635 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY015015.D
Acq: 09 Aug 2023 19:04

Instrument :
MSVOA_Y
ClientSampleId :
B-PP23A

Tgt Ion: 78 Resp: 3254
Ion Ratio Lower Upper
78 100
77 26.1 19.0 28.6

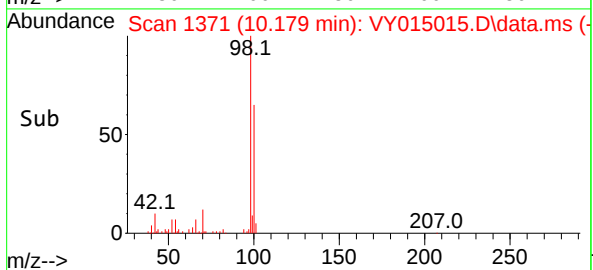
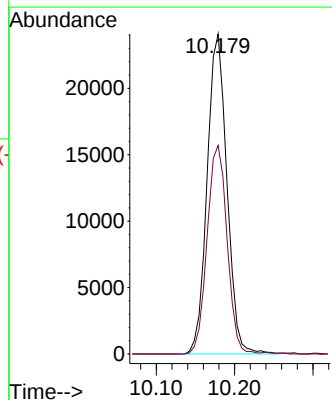
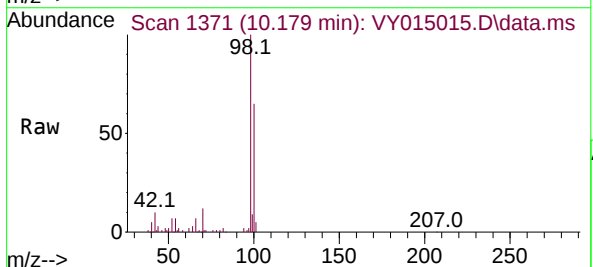
Manual Integrations
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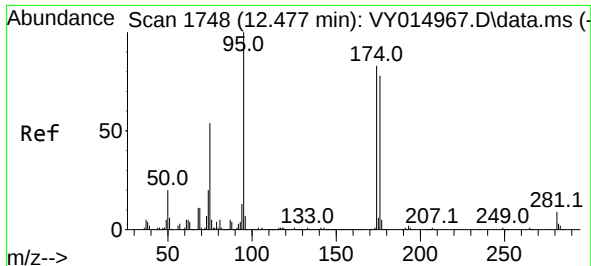
Reviewed By :Romaben Patel 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#50
Toluene-d8
Concen: 45.285 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015015.D
Acq: 09 Aug 2023 19:04

Tgt Ion: 98 Resp: 42203
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1





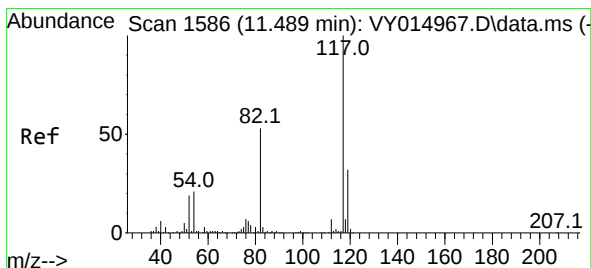
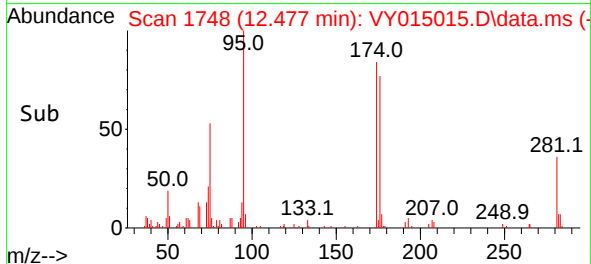
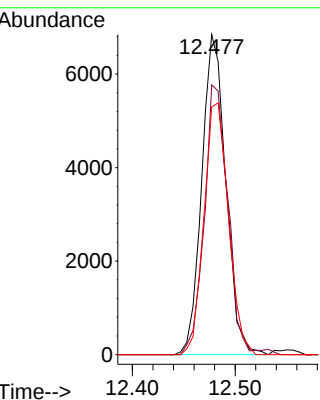
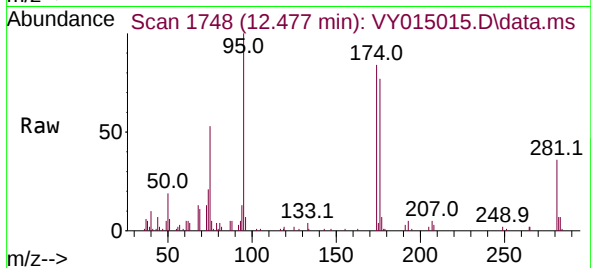
#62
4-Bromofluorobenzene
Concen: 33.661 ug/l
RT: 12.477 min Scan# 11118
Delta R.T. 0.000 min
Lab File: VY015015.D
Acq: 09 Aug 2023 19:04

Instrument :
MSVOA_Y
ClientSampleId :
B-PP23A

Tgt Ion: 95 Resp: 11118
Ion Ratio Lower Upper
95 100
174 82.2 0.0 178.2
176 80.0 0.0 173.8

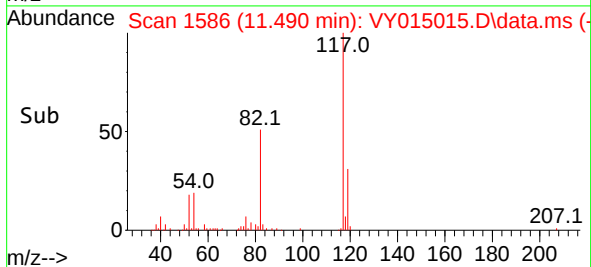
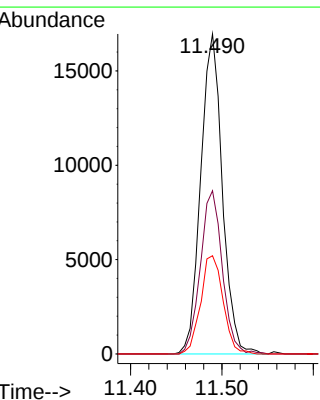
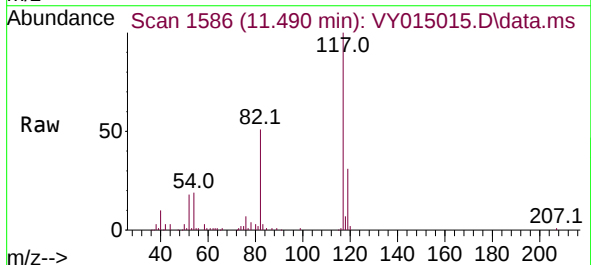
Manual Integrations
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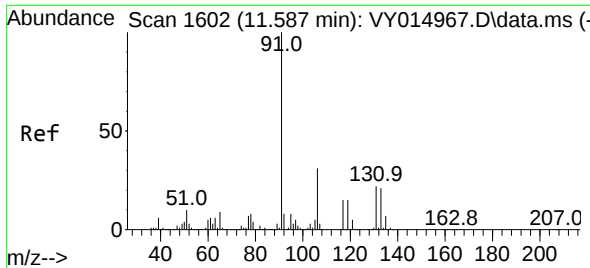
Reviewed By :Romaben Patel 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015015.D
Acq: 09 Aug 2023 19:04

Tgt Ion:117 Resp: 27809
Ion Ratio Lower Upper
117 100
82 51.0 43.4 65.0
119 30.7 26.3 39.5





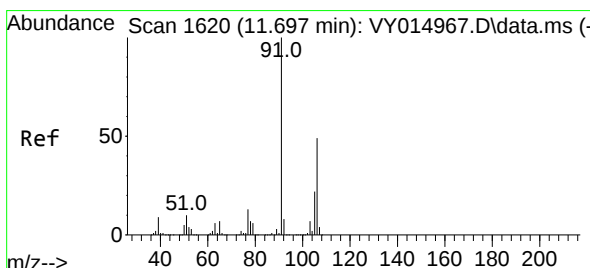
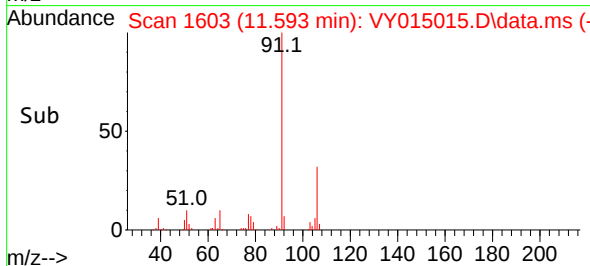
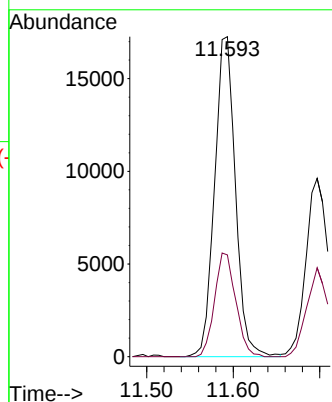
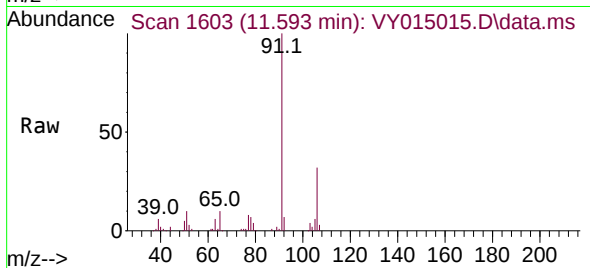
#67
Ethyl Benzene
Concen: 31.173 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015015.D
Acq: 09 Aug 2023 19:04

Instrument :
MSVOA_Y
ClientSampleId :
B-PP23A

Tgt Ion: 91 Resp: 2886
Ion Ratio Lower Upper
91 100
106 31.8 24.6 36.8

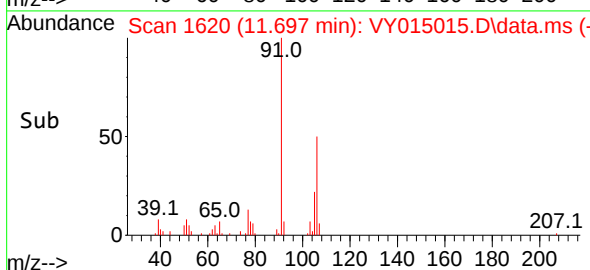
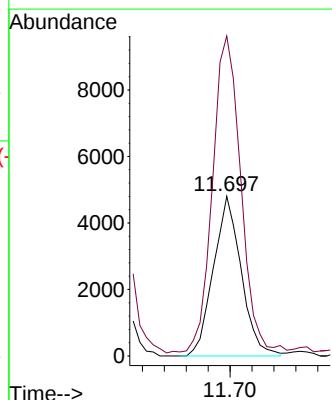
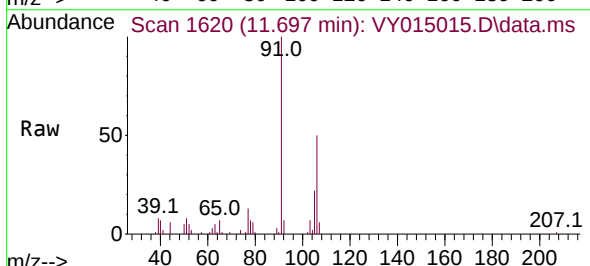
Manual Integrations
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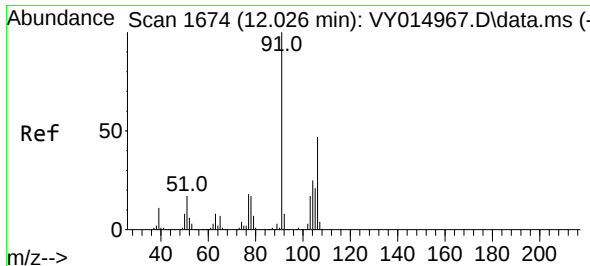
Reviewed By :Romaben Patel 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#68
m/p-Xylenes
Concen: 23.928 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY015015.D
Acq: 09 Aug 2023 19:04

Tgt Ion:106 Resp: 8477
Ion Ratio Lower Upper
106 100
91 200.1 166.1 249.1





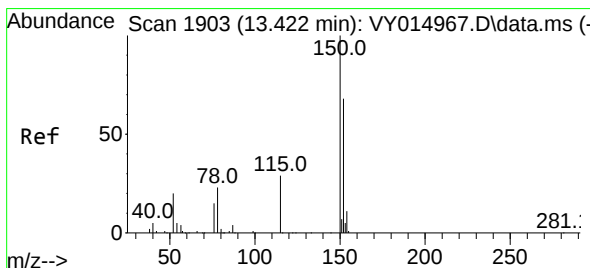
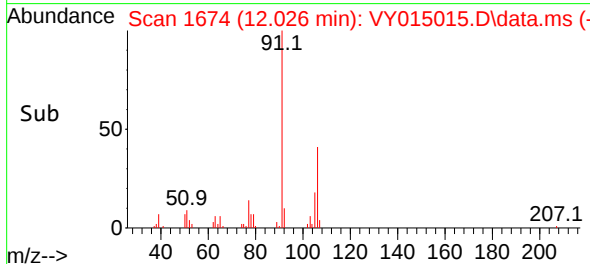
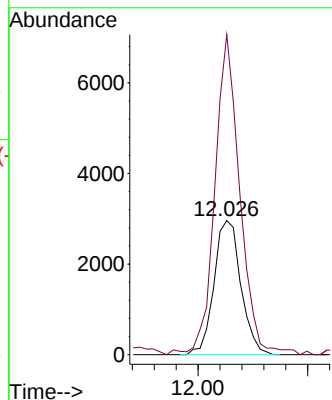
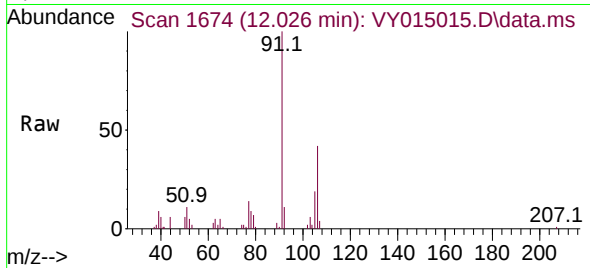
#69
o-Xylene
Concen: 14.528 ug/l
RT: 12.026 min Scan# 106
Delta R.T. 0.000 min
Lab File: VY015015.D
Acq: 09 Aug 2023 19:04

Instrument :
MSVOA_Y
ClientSampleId :
B-PP23A

Tgt Ion:106 Resp: 5030
Ion Ratio Lower Upper
106 100
91 222.5 108.1 324.3

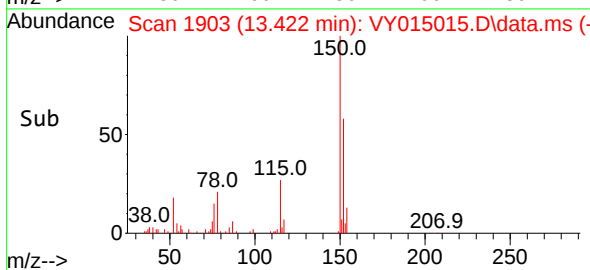
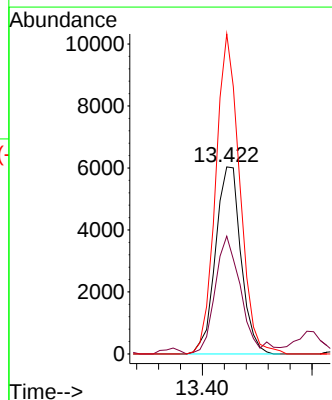
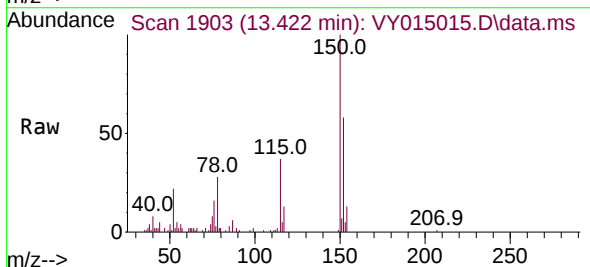
Manual Integrations
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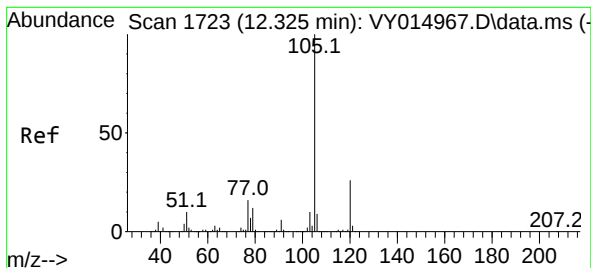
Reviewed By :Romaben Patel 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015015.D
Acq: 09 Aug 2023 19:04

Tgt Ion:152 Resp: 9733
Ion Ratio Lower Upper
152 100
115 64.9 28.8 86.5
150 161.2 0.0 348.8





#73

Isopropylbenzene

Concen: 7.032 ug/l

RT: 12.325 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015015.D

Acq: 09 Aug 2023 19:04

Instrument :

MSVOA_Y

ClientSampleId :

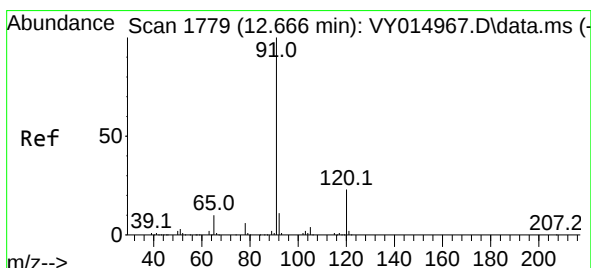
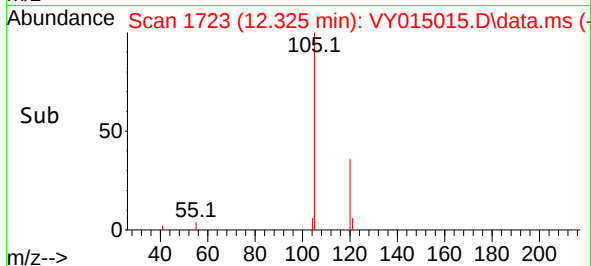
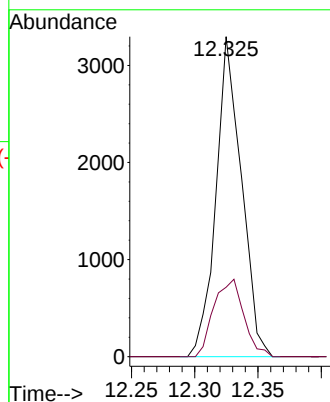
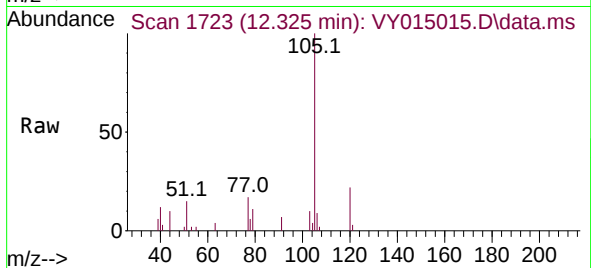
B-PP23A

Tgt Ion:105 Resp: 460
 Ion Ratio Lower Upper
 105 100
 120 28.5 13.3 39.9

Manual Integrations

APPROVED

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



#78

n-propylbenzene

Concen: 4.006 ug/l

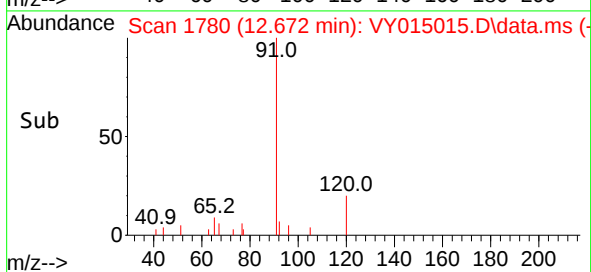
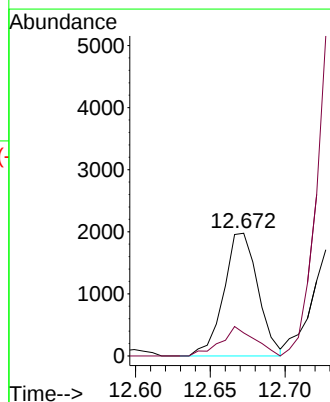
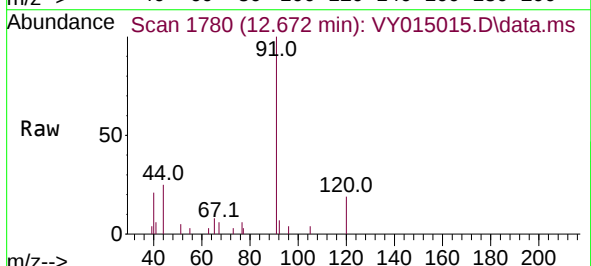
RT: 12.672 min Scan# 1780

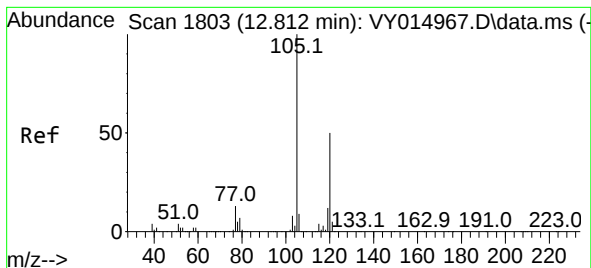
Delta R.T. 0.006 min

Lab File: VY015015.D

Acq: 09 Aug 2023 19:04

Tgt Ion: 91 Resp: 3135
 Ion Ratio Lower Upper
 91 100
 120 23.7 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 14.025 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY015015.D

Acq: 09 Aug 2023 19:04

Instrument :

MSVOA_Y

ClientSampleId :

B-PP23A

Tgt Ion:105 Resp: 7562

Ion Ratio Lower Upper

105 100

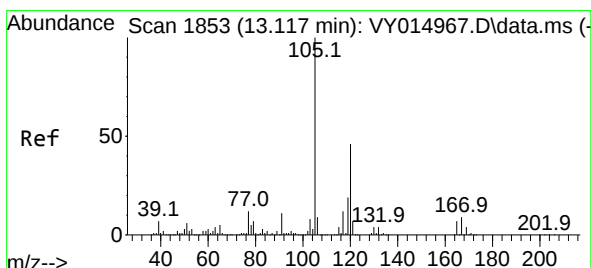
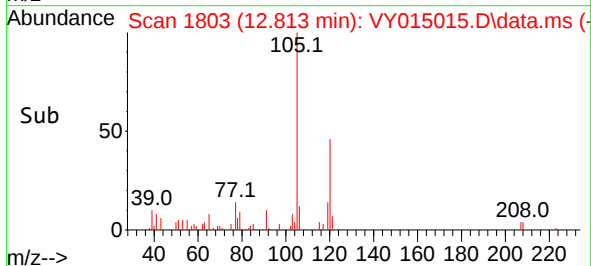
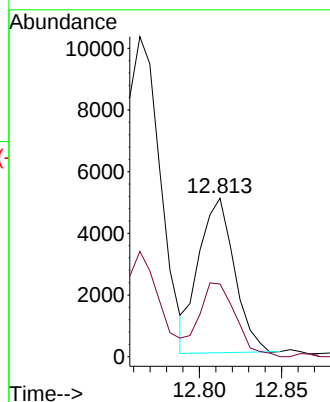
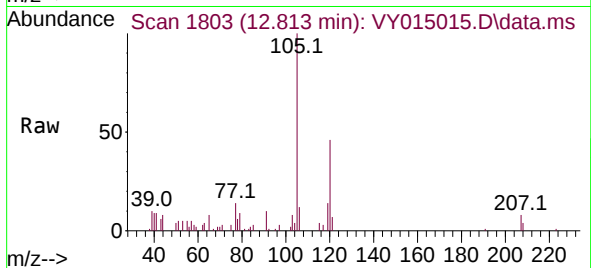
120 49.2 23.9 71.7

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/10/2023

Supervised By :Mahesh Dadoda 08/10/2023



#84

1,2,4-Trimethylbenzene

Concen: 47.415 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015015.D

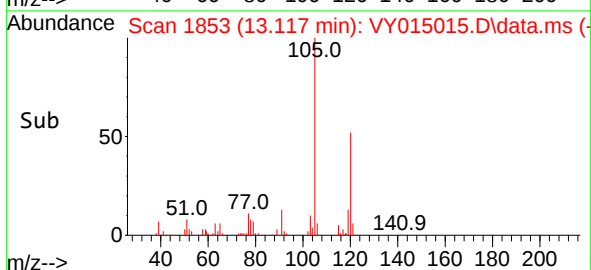
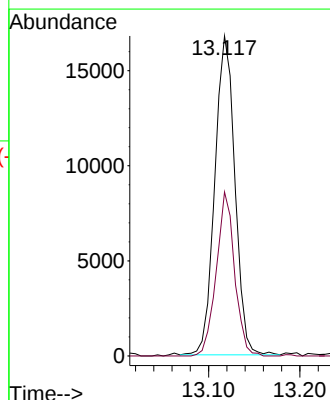
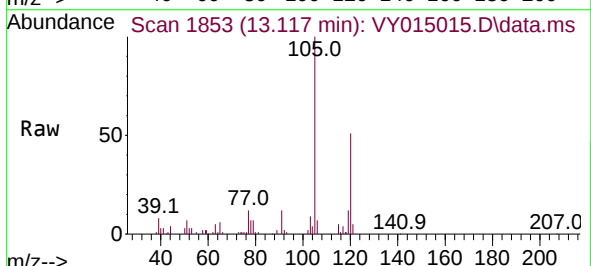
Acq: 09 Aug 2023 19:04

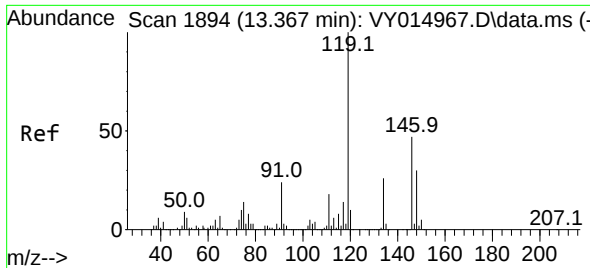
Tgt Ion:105 Resp: 25613

Ion Ratio Lower Upper

105 100

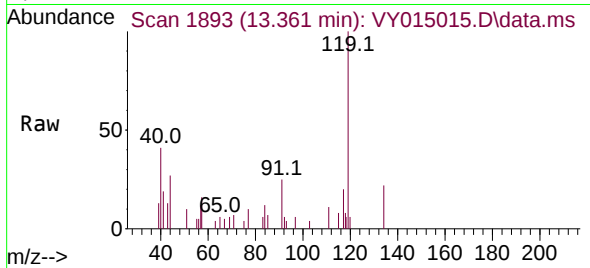
120 46.9 22.2 66.6





#86
p-Isopropyltoluene
Concen: 3.657 ug/l m
RT: 13.361 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY015015.D
Acq: 09 Aug 2023 19:04

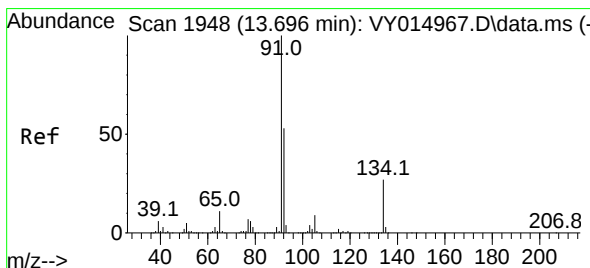
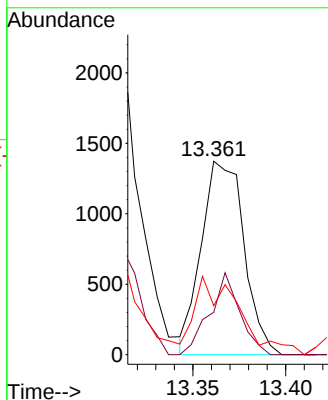
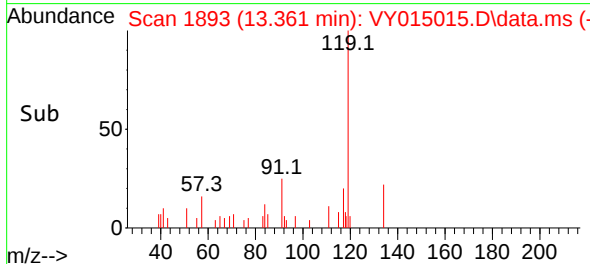
Instrument :
MSVOA_Y
ClientSampleId :
B-PP23A



Tgt Ion: 119 Resp: 219
Ion Ratio Lower Upper
119 100
134 46.3 13.3 39.8
91 51.4 12.4 37.4

Manual Integrations
APPROVED

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



#89
n-Butylbenzene
Concen: 1.959 ug/l m
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY015015.D
Acq: 09 Aug 2023 19:04

Tgt Ion: 91 Resp: 1103
Ion Ratio Lower Upper
91 100
92 199.1 25.4 76.0#
134 0.0 12.6 37.6#

