

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
 Data File : VY015011.D
 Acq On : 09 Aug 2023 17:29
 Operator : SY/MD
 Sample : 03941-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DEAN-OILY-STONE

Manual Integrations
 APPROVED

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

Quant Time: Aug 10 01:48:40 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	7.783	168	274726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	465629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	449750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	223269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	177769	53.388	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.780%			
35) Dibromofluoromethane	7.716	113	149981	50.370	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.740%			
50) Toluene-d8	10.173	98	550037	48.532	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.060%			
62) 4-Bromofluorobenzene	12.477	95	216752	53.962	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.920%			
Target Compounds					Qvalue	
40) Benzene	8.155	78	27491	2.525	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	13049	4.247	ug/l	93
67) Ethyl Benzene	11.587	91	324196	21.646	ug/l	99
68) m/p-Xylenes	11.697	106	89487	15.619	ug/l	94
69) o-Xylene	12.026	106	46051	8.214	ug/l	98
73) Isopropylbenzene	12.325	105	33226	2.214	ug/l	99
78) n-propylbenzene	12.666	91	24592	1.370	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	55902	4.520	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	210889	17.019	ug/l	99
86) p-Isopropyltoluene	13.367	119	16793m	1.222	ug/l	

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

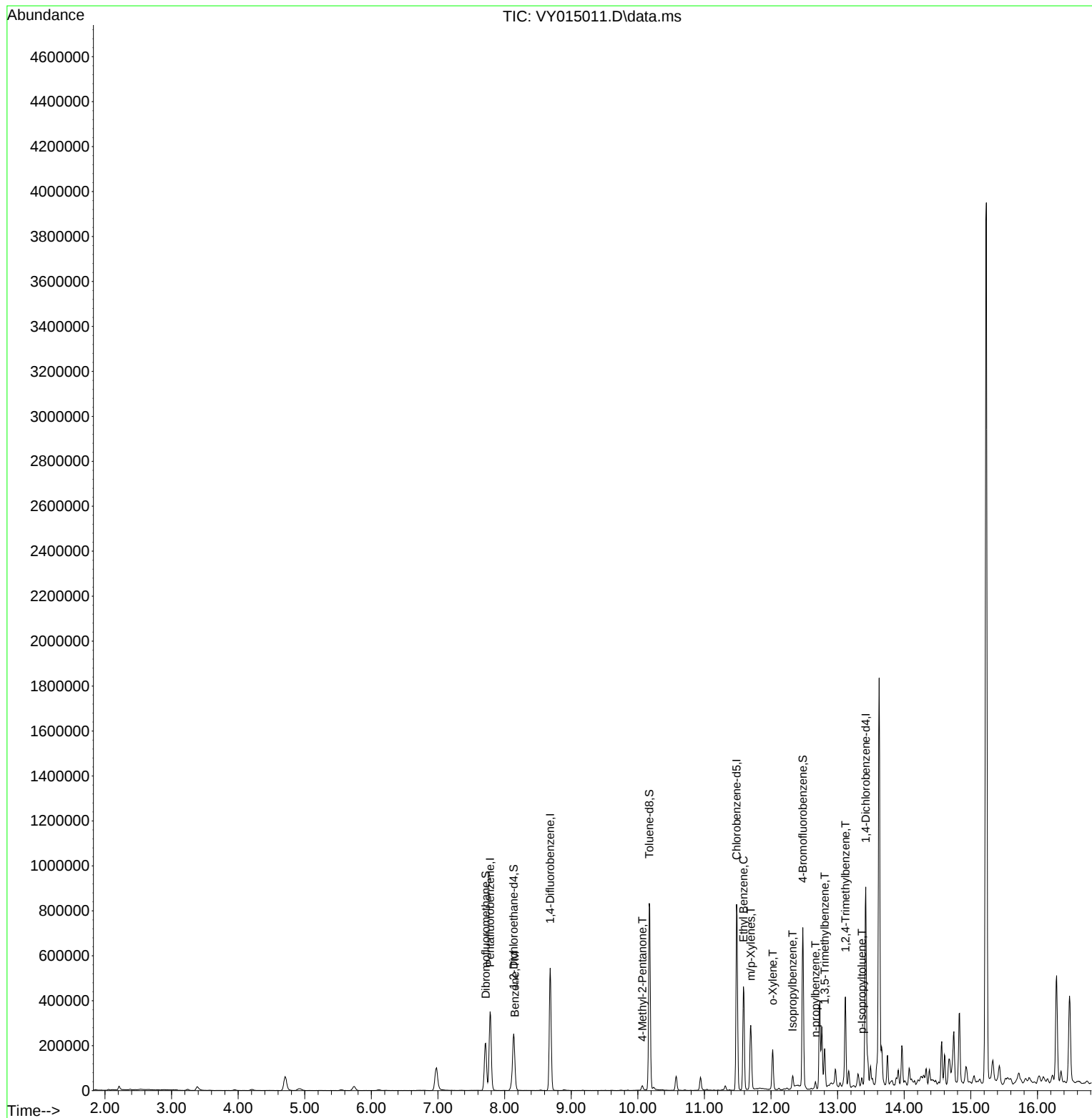
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
Data File : VY015011.D
Acq On : 09 Aug 2023 17:29
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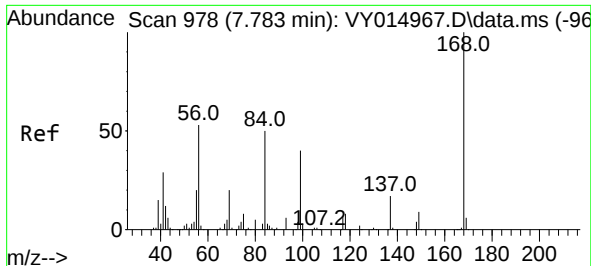
Instrument :
MSVOA_Y
ClientSampleId :
DEAN-OILY-STONE

Quant Time: Aug 10 01:48:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
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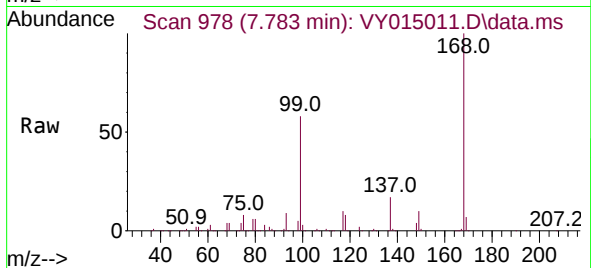
Reviewed By :Romaben Patel 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015011.D
Acq: 09 Aug 2023 17:29

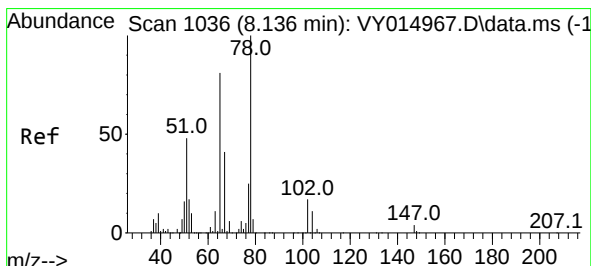
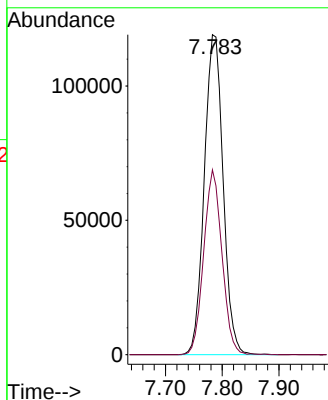
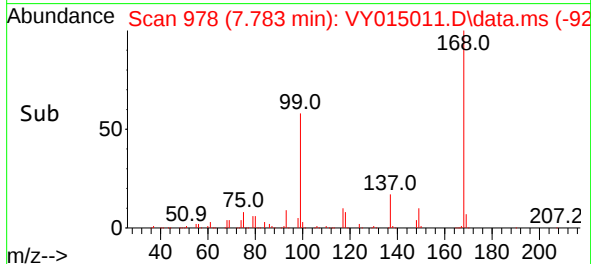
Instrument :
MSVOA_Y
ClientSampleId :
DEAN-OILY-STONE



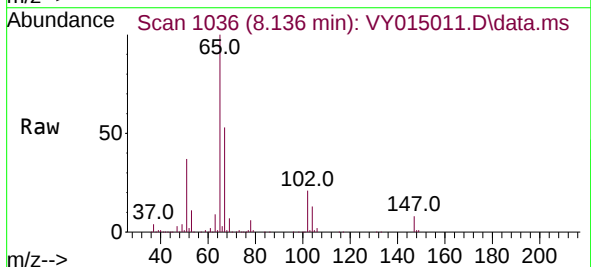
Tgt Ion:168 Resp: 274720
Ion Ratio Lower Upper
168 100
99 57.8 43.4 65.0

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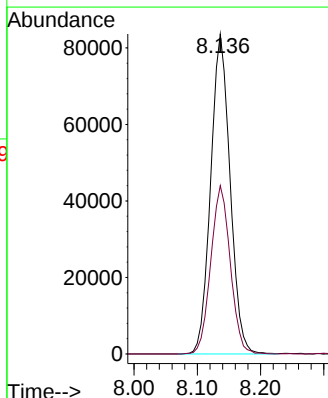
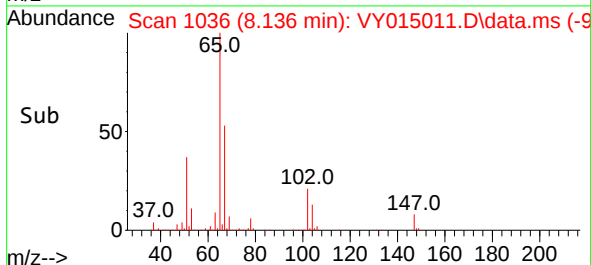
Reviewed By :Romaben Patel 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

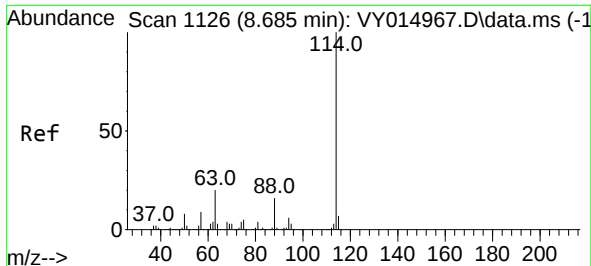


#33
1,2-Dichloroethane-d4
Concen: 53.388 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015011.D
Acq: 09 Aug 2023 17:29



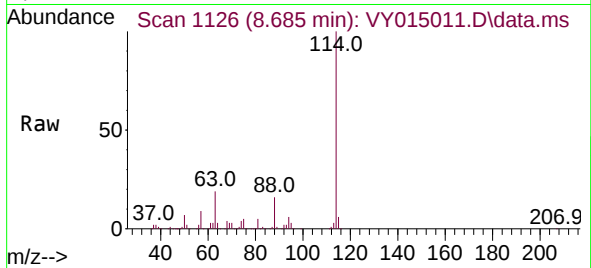
Tgt Ion: 65 Resp: 177769
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015011.D
Acq: 09 Aug 2023 17:29

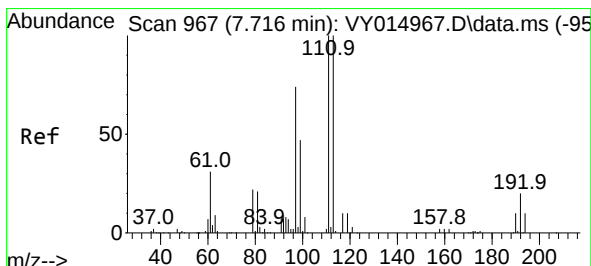
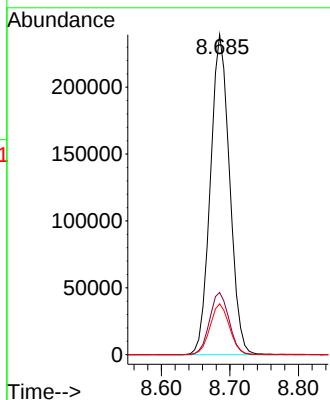
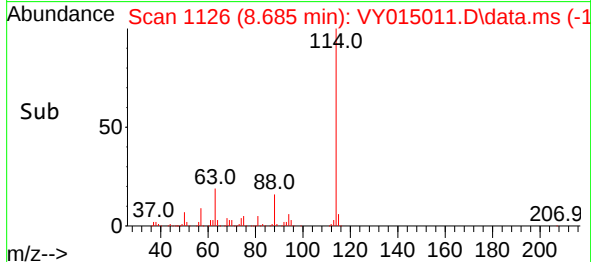
Instrument :
MSVOA_Y
ClientSampleId :
DEAN-OILY-STONE



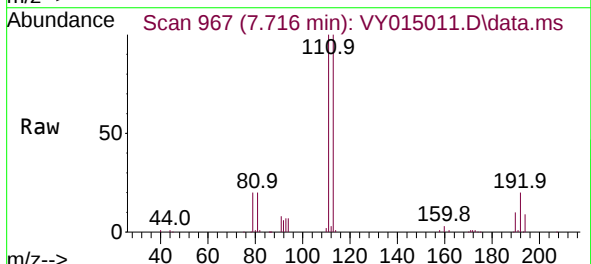
Tgt Ion:114 Resp: 465629
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.4
88 15.9 0.0 30.6

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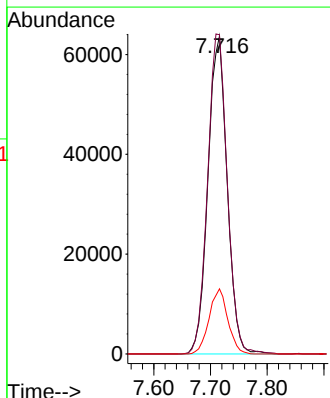
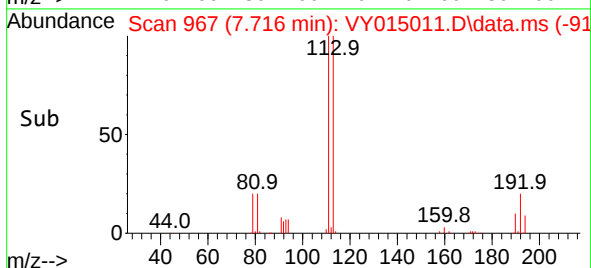
Reviewed By :Romaben Patel 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

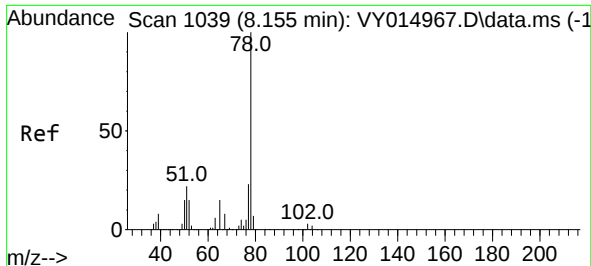


#35
Dibromofluoromethane
Concen: 50.370 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015011.D
Acq: 09 Aug 2023 17:29



Tgt Ion:113 Resp: 149981
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 20.0 16.9 25.3





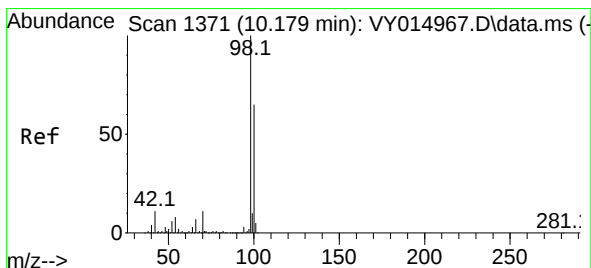
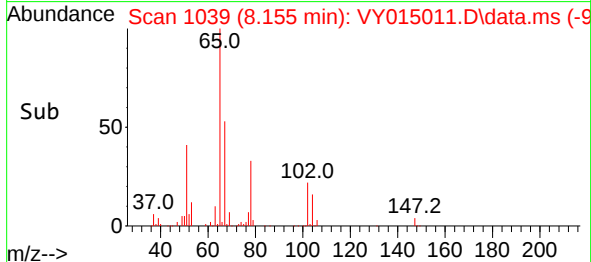
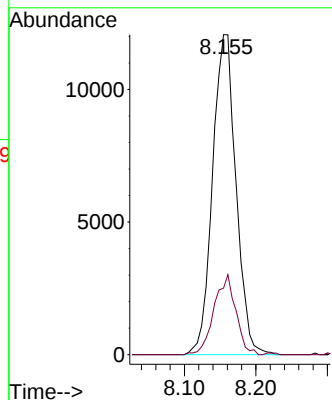
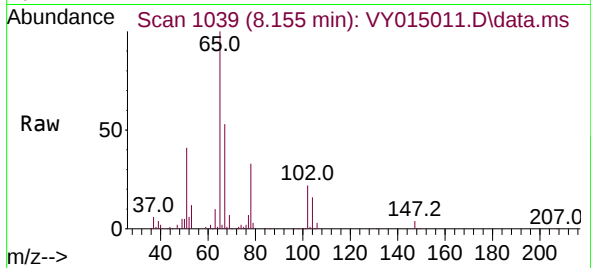
#40
Benzene
Concen: 2.525 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY015011.D
Acq: 09 Aug 2023 17:29

Instrument :
MSVOA_Y
ClientSampleId :
DEAN-OILY-STONE

Tgt Ion: 78 Resp: 2749
Ion Ratio Lower Upper
78 100
77 20.8 19.0 28.6

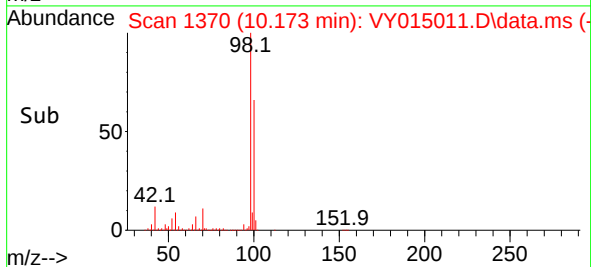
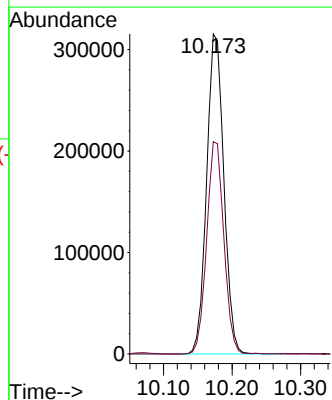
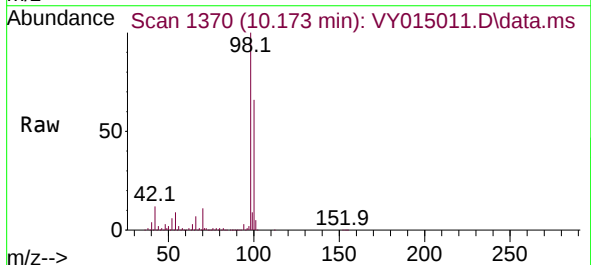
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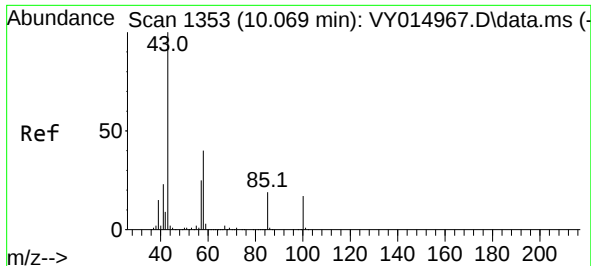
Reviewed By :Romaben Patel 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#50
Toluene-d8
Concen: 48.532 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY015011.D
Acq: 09 Aug 2023 17:29

Tgt Ion: 98 Resp: 550037
Ion Ratio Lower Upper
98 100
100 66.3 50.1 75.1





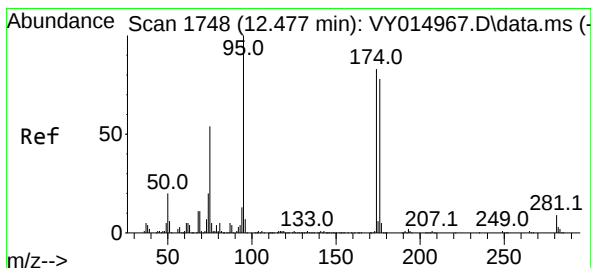
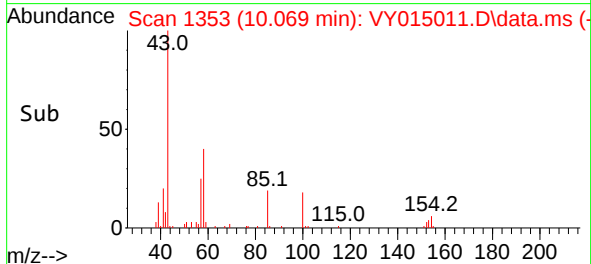
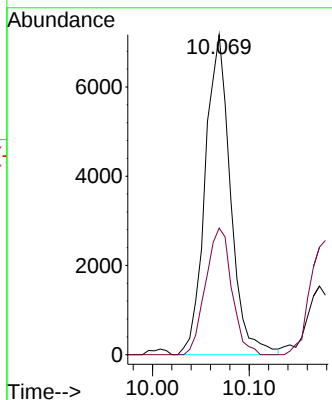
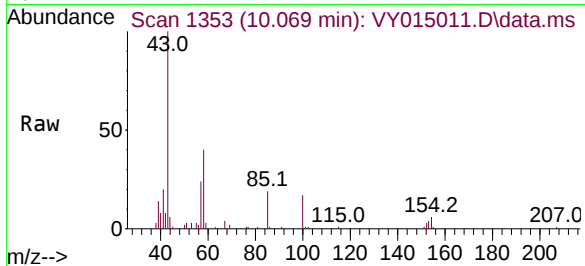
#51
4-Methyl-2-Pentanone
Concen: 4.247 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015011.D
Acq: 09 Aug 2023 17:29

Instrument :
MSVOA_Y
ClientSampleId :
DEAN-OILY-STONE

Tgt Ion: 43 Resp: 13049
Ion Ratio Lower Upper
43 100
58 40.7 29.0 43.6

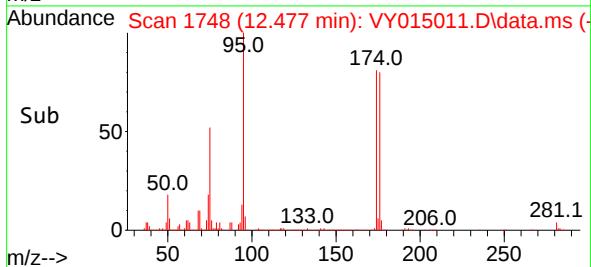
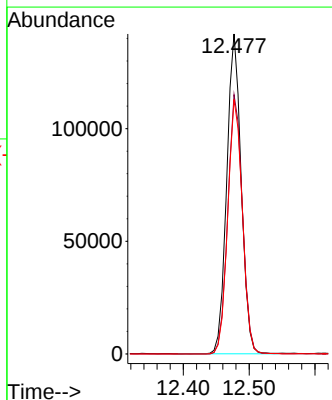
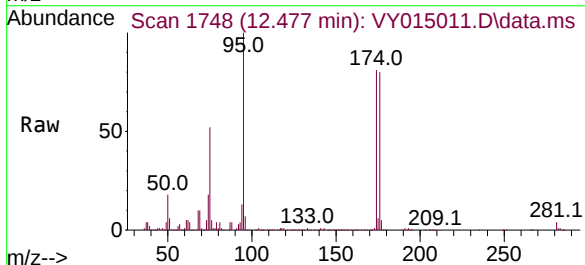
Manual Integrations
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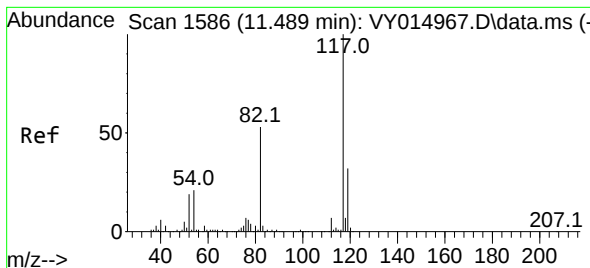
Reviewed By :Romaben Patel 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#62
4-Bromofluorobenzene
Concen: 53.962 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015011.D
Acq: 09 Aug 2023 17:29

Tgt Ion: 95 Resp: 216752
Ion Ratio Lower Upper
95 100
174 82.1 0.0 178.2
176 80.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015011.D

Acq: 09 Aug 2023 17:29

Instrument :

MSVOA_Y

ClientSampleId :

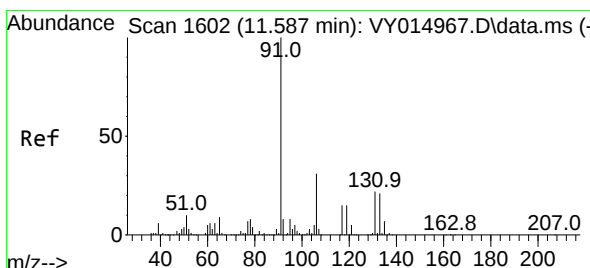
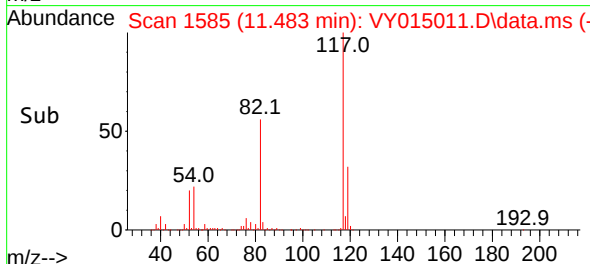
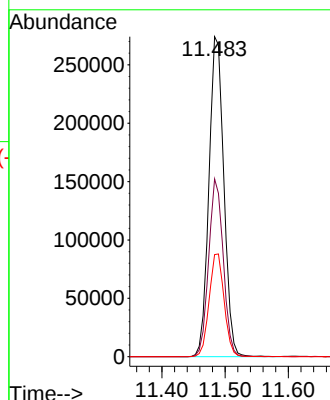
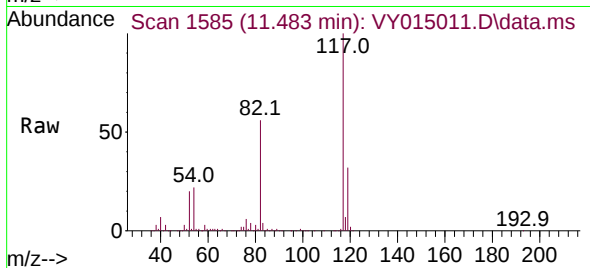
DEAN-OILY-STONE

Tgt Ion:	117	Resp:	449750
Ion Ratio	Lower	Upper	
117	100		
82	55.5	43.4	65.0
119	31.9	26.3	39.5

Manual Integrations

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



#67

Ethyl Benzene

Concen: 21.646 ug/l

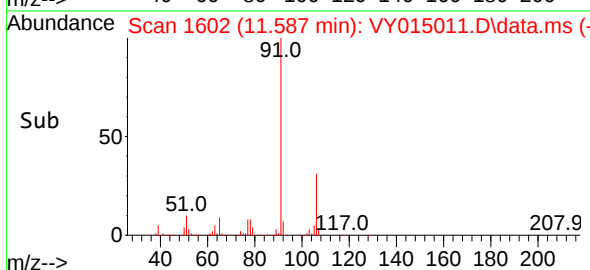
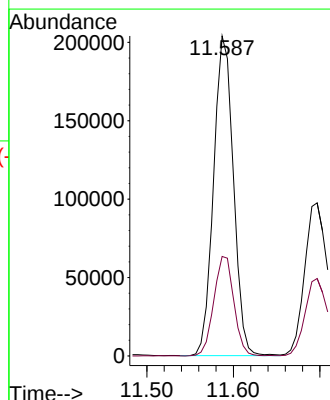
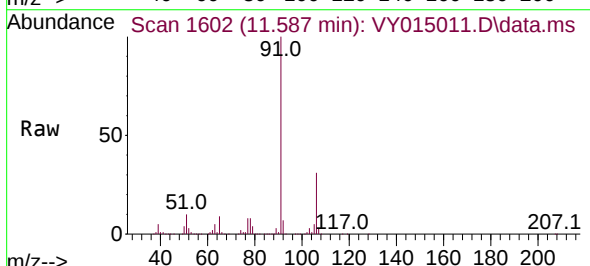
RT: 11.587 min Scan# 1602

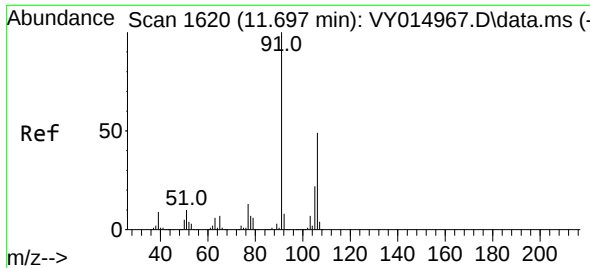
Delta R.T. 0.000 min

Lab File: VY015011.D

Acq: 09 Aug 2023 17:29

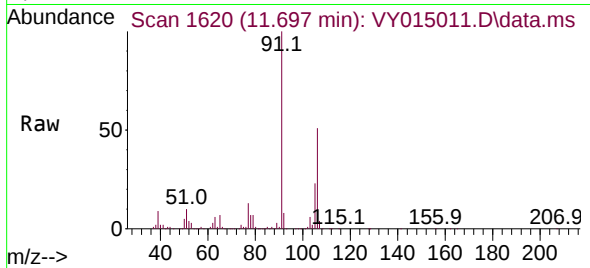
Tgt Ion:	91	Resp:	324196
Ion Ratio	Lower	Upper	
91	100		
106	31.1	24.6	36.8





#68
m/p-Xylenes
Concen: 15.619 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY015011.D
Acq: 09 Aug 2023 17:29

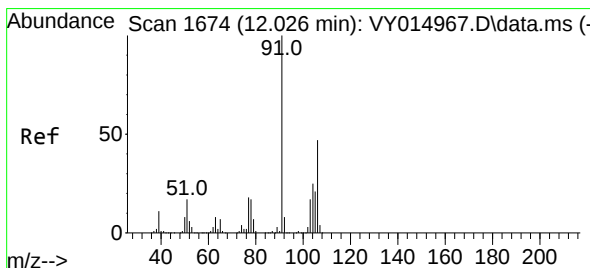
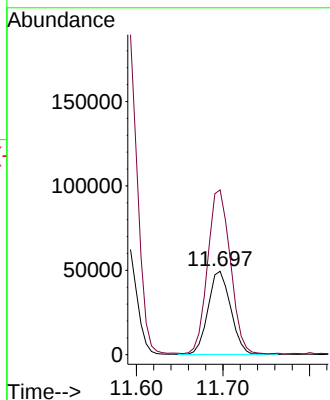
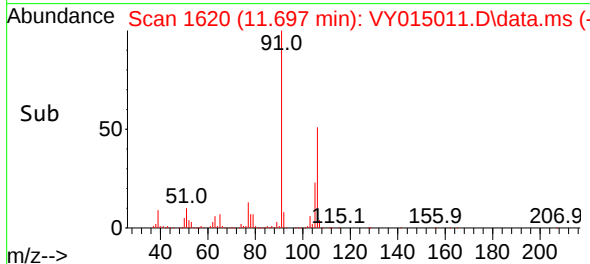
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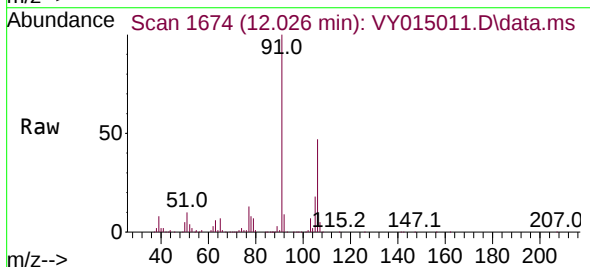
Tgt Ion:106 Resp: 8948
Ion Ratio Lower Upper
106 100
91 198.5 166.1 249.1

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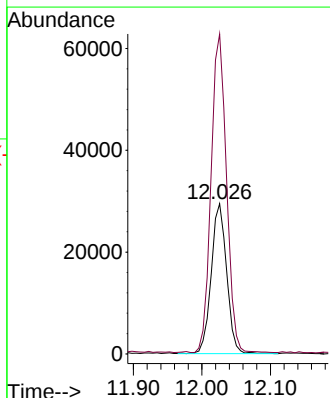
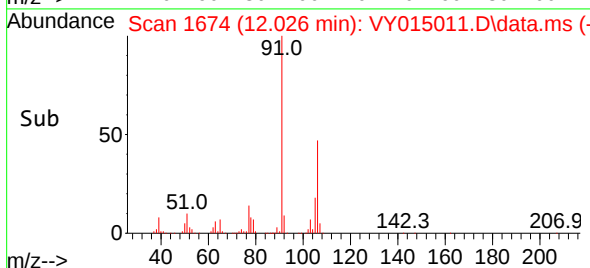
Reviewed By :Romaben Patel 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

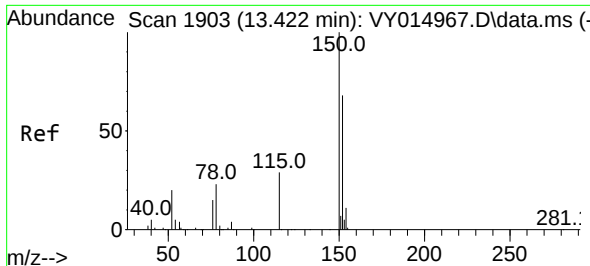


#69
o-Xylene
Concen: 8.214 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015011.D
Acq: 09 Aug 2023 17:29



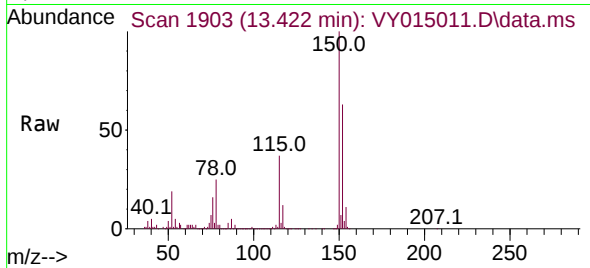
Tgt Ion:106 Resp: 46051
Ion Ratio Lower Upper
106 100
91 212.8 108.1 324.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015011.D
Acq: 09 Aug 2023 17:29

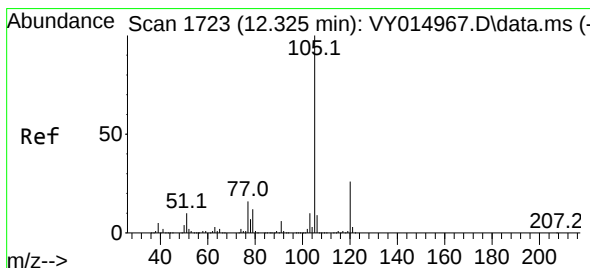
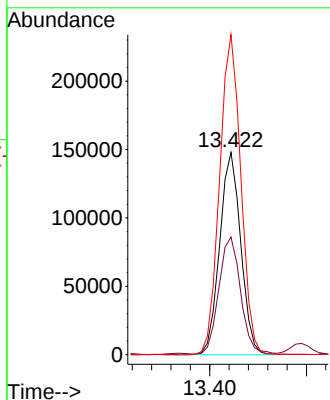
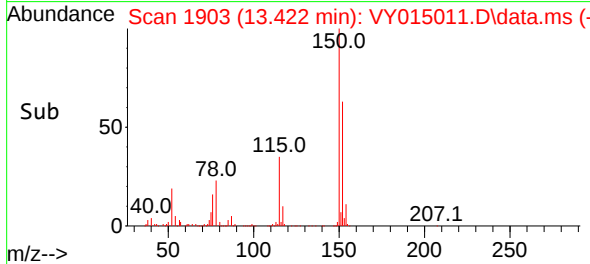
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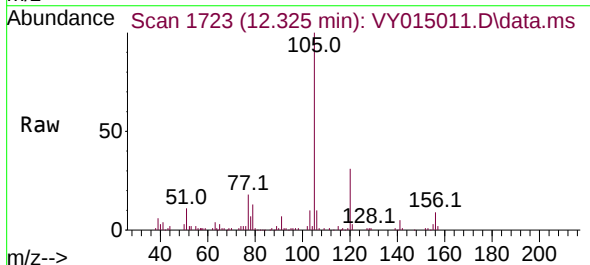
Tgt Ion:152 Resp: 223269
Ion Ratio Lower Upper
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150 159.4 0.0 348.8

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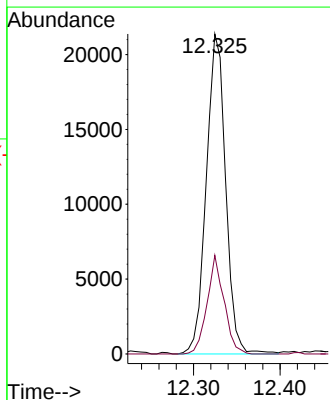
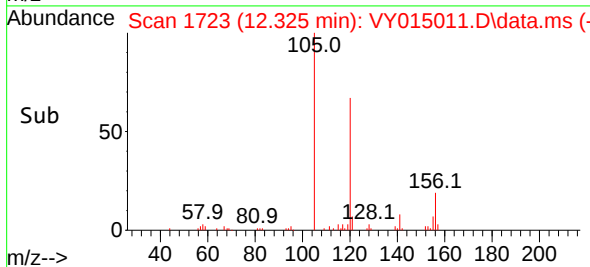
Reviewed By :Romaben Patel 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

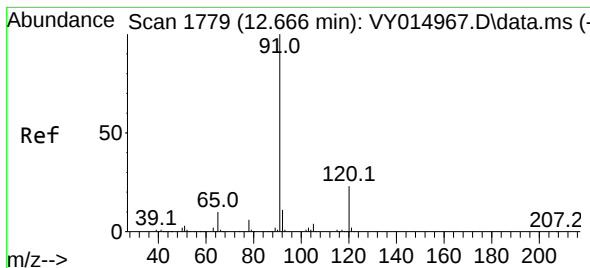


#73
Isopropylbenzene
Concen: 2.214 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY015011.D
Acq: 09 Aug 2023 17:29



Tgt Ion:105 Resp: 33226
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.9





#78

n-propylbenzene

Concen: 1.370 ug/l

RT: 12.666 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015011.D

Acq: 09 Aug 2023 17:29

Instrument :

MSVOA_Y

ClientSampleId :

DEAN-OILY-STONE

Tgt Ion: 91 Resp: 24592

Ion Ratio Lower Upper

91 100

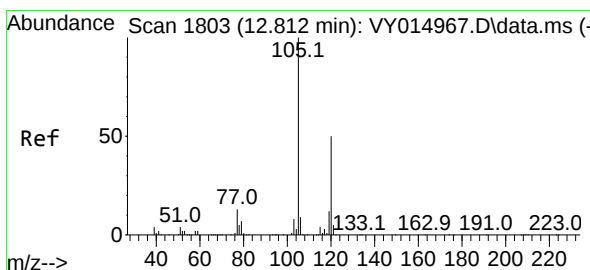
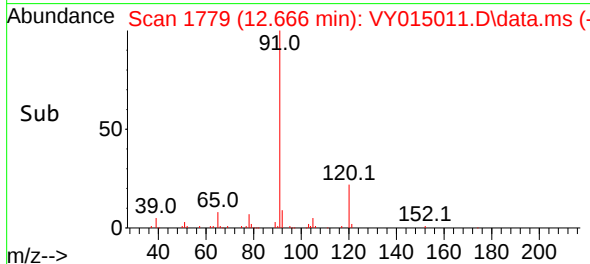
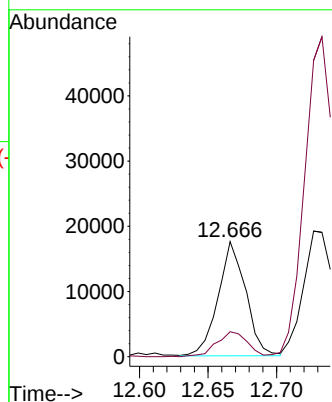
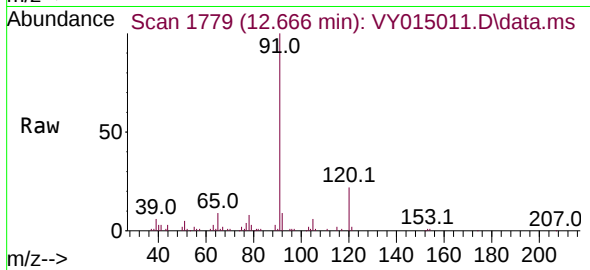
120 24.3 11.5 34.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/10/2023

Supervised By :Mahesh Dadoda 08/10/2023



#80

1,3,5-Trimethylbenzene

Concen: 4.520 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. -0.006 min

Lab File: VY015011.D

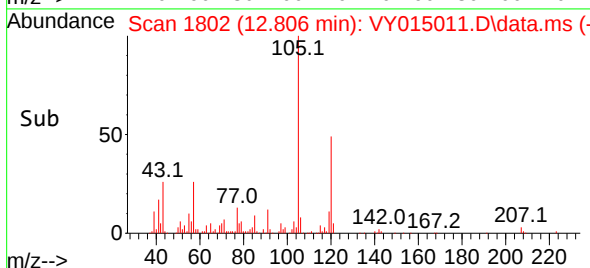
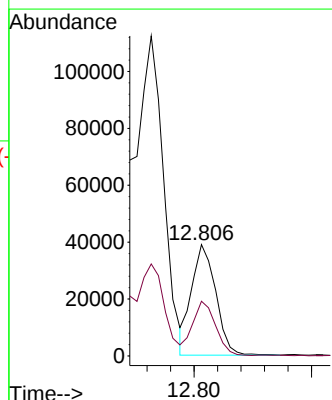
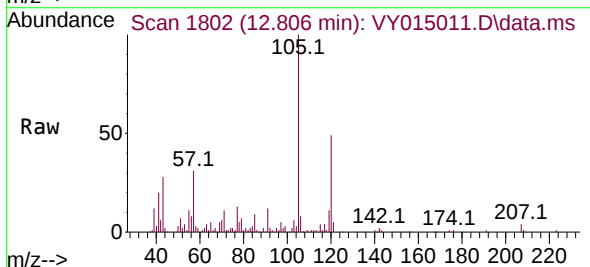
Acq: 09 Aug 2023 17:29

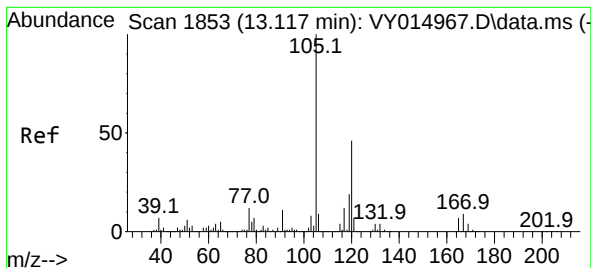
Tgt Ion:105 Resp: 55902

Ion Ratio Lower Upper

105 100

120 46.9 23.9 71.7





#84

1,2,4-Trimethylbenzene

Concen: 17.019 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015011.D

Acq: 09 Aug 2023 17:29

Instrument :

MSVOA_Y

ClientSampleId :

DEAN-OILY-STONE

Tgt Ion:105 Resp: 210889

Ion Ratio Lower Upper

105 100

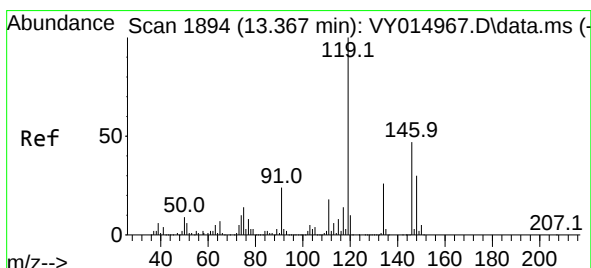
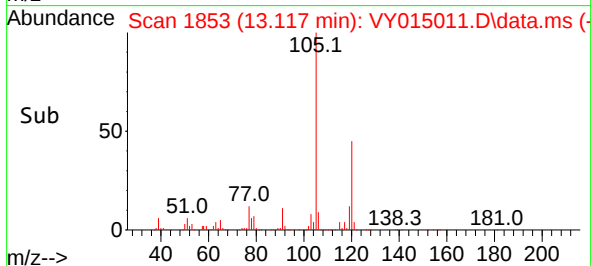
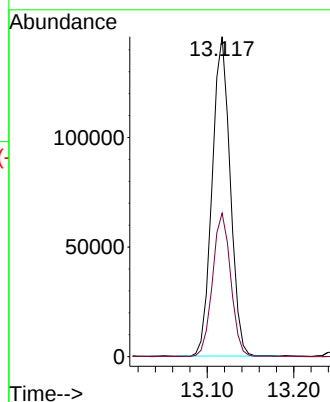
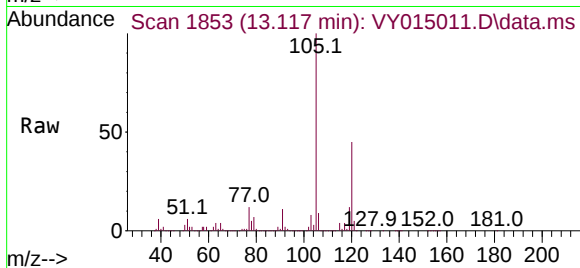
120 45.2 22.2 66.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/10/2023

Supervised By :Mahesh Dadoda 08/10/2023



#86

p-Isopropyltoluene

Concen: 1.222 ug/l m

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015011.D

Acq: 09 Aug 2023 17:29

Tgt Ion:119 Resp: 16793

Ion Ratio Lower Upper

119 100

134 36.4 13.3 39.8

91 33.5 12.4 37.4

