

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
 Data File : VY012447.D
 Acq On : 01 Feb 2023 17:13
 Operator : KP/MD
 Sample : 01390-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCKPILE-1

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/02/2023
 Supervised By :Mahesh Dadoda 02/02/2023

Quant Time: Feb 01 23:07:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	8030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	13852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	14047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	5182	80.233	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 160.460%			
35) Dibromofluoromethane	7.716	113	2639	35.980	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 71.960%			
50) Toluene-d8	10.179	98	16495	66.321	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 132.640%			
62) 4-Bromofluorobenzene	12.483	95	5686	54.992	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.980%			
Target Compounds						Qvalue
16) Acetone	3.948	43	13706	612.970	ug/l	98
39) Methylcyclohexane	9.185	83	1390	9.125	ug/l	91
52) Toluene	10.246	92	9811	40.956	ug/l	98
67) Ethyl Benzene	11.593	91	4765	9.277	ug/l	94
68) m/p-Xylenes	11.697	106	5955	29.322	ug/l	96
69) o-Xylene	12.032	106	2480	12.785	ug/l	90
73) Isopropylbenzene	12.331	105	1645	3.903	ug/l #	66
78) n-propylbenzene	12.666	91	3145	6.377	ug/l	87
80) 1,3,5-Trimethylbenzene	12.812	105	1158	3.161	ug/l	85
84) 1,2,4-Trimethylbenzene	13.123	105	4814	13.323	ug/l	91
89) n-Butylbenzene	13.702	91	691m	2.007	ug/l	

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

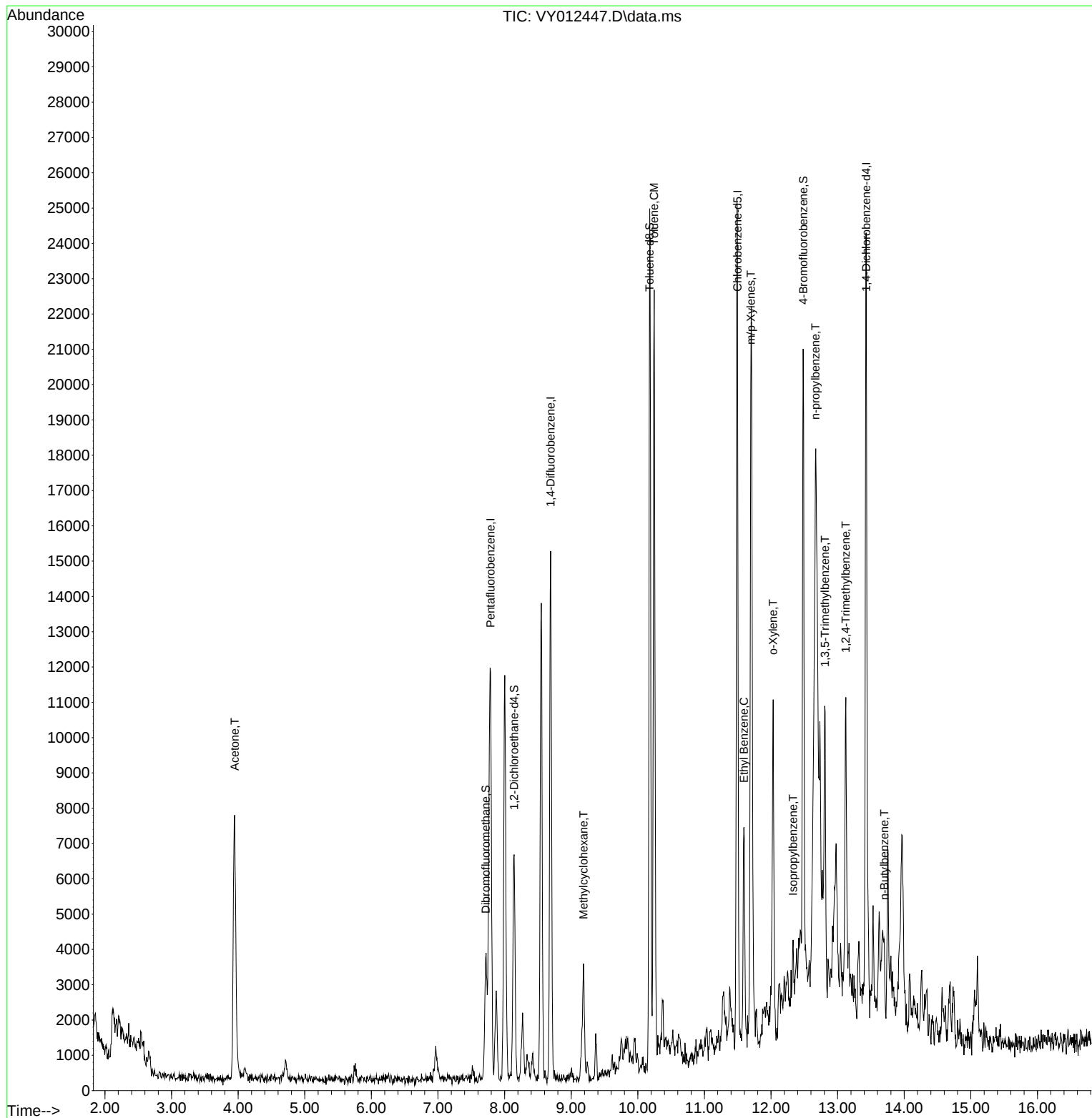
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
Data File : VY012447.D
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Quant Time: Feb 01 23:07:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

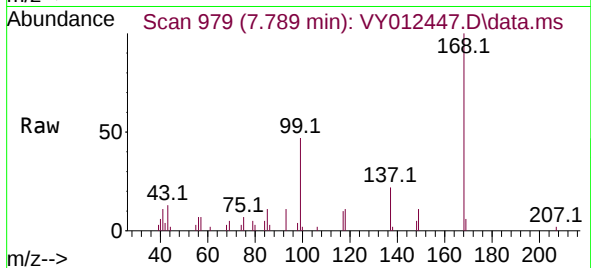
Reviewed By :Krupa Patel 02/02/2023
Supervised By :Mahesh Dadoda 02/02/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012447.D
Acq: 01 Feb 2023 17:13

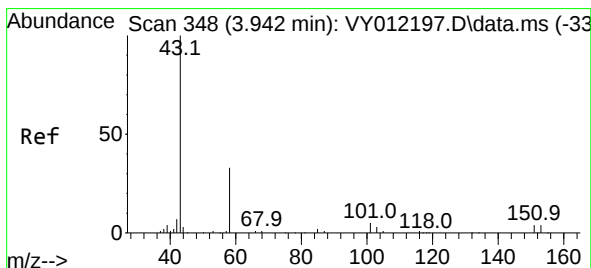
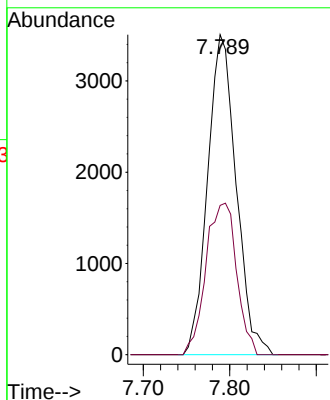
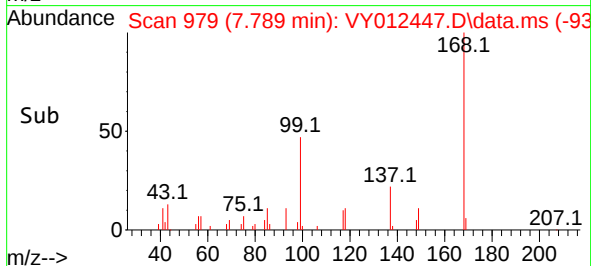
Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-1



Tgt Ion:168 Resp: 8030
Ion Ratio Lower Upper
168 100
99 46.6 44.0 66.0

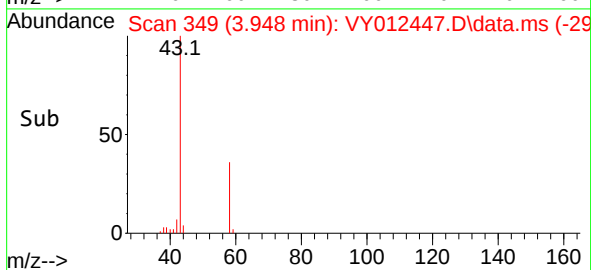
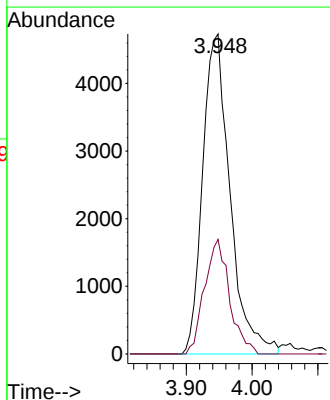
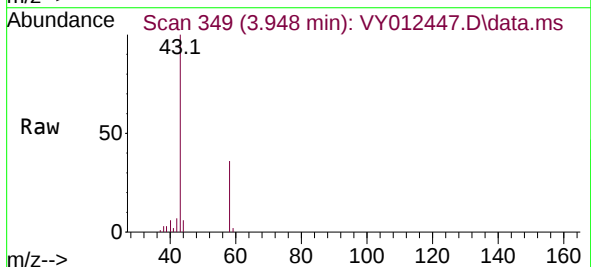
Manual Integrations
APPROVED

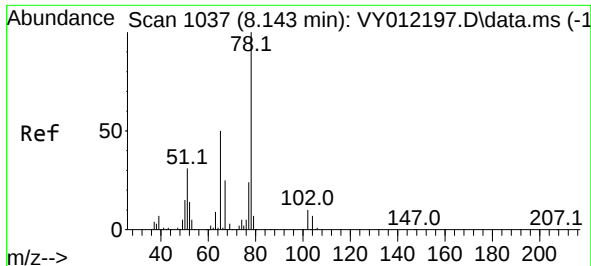
Reviewed By :Krupa Patel 02/02/2023
Supervised By :Mahesh Dadoda 02/02/2023



#16
Acetone
Concen: 612.970 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012447.D
Acq: 01 Feb 2023 17:13

Tgt Ion: 43 Resp: 13706
Ion Ratio Lower Upper
43 100
58 35.8 27.9 41.9





#33

1,2-Dichloroethane-d4

Concen: 80.233 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012447.D

Acq: 01 Feb 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

STOCKPILE-1

Tgt Ion: 65 Resp: 518

Ion Ratio Lower Upper

65 100

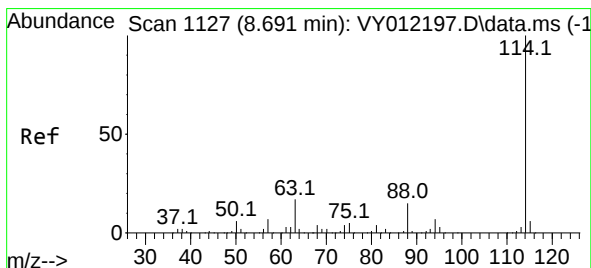
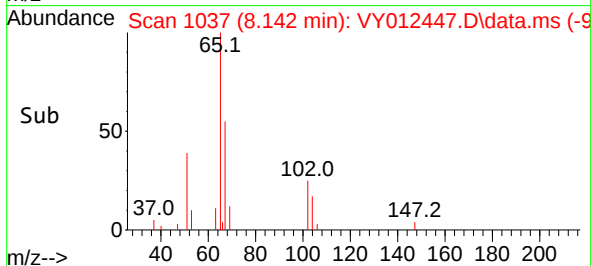
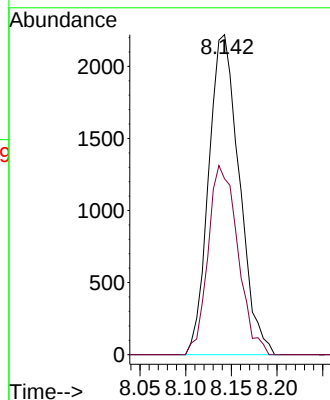
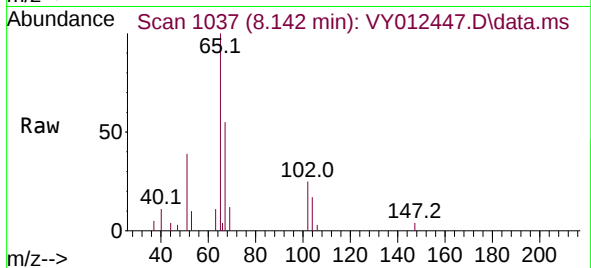
67 57.4 0.0 103.2

Manual Integrations

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Supervised By :Mahesh Dadoda 02/02/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012447.D

Acq: 01 Feb 2023 17:13

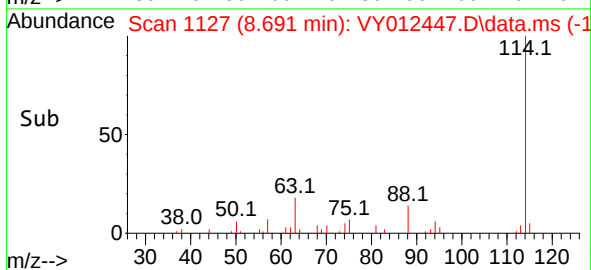
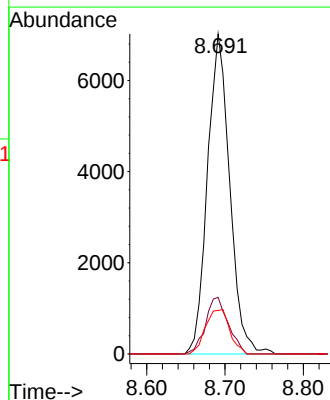
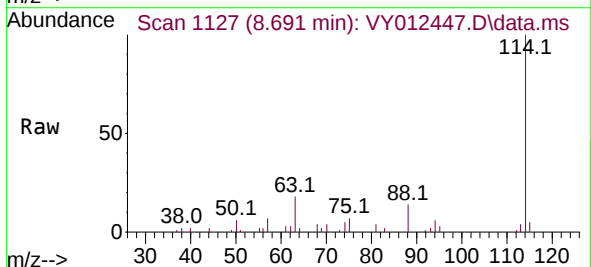
Tgt Ion:114 Resp: 13852

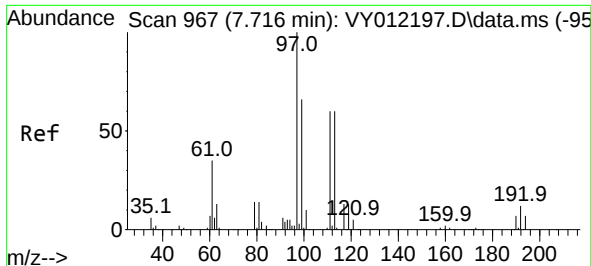
Ion Ratio Lower Upper

114 100

63 17.7 0.0 39.6

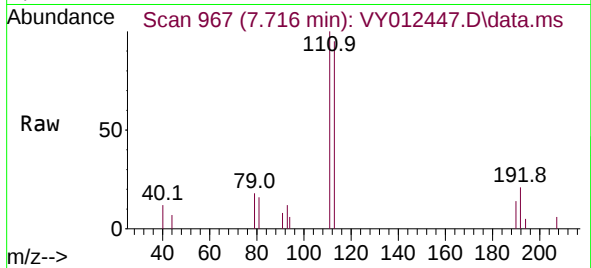
88 13.6 0.0 32.2





#35
Dibromofluoromethane
Concen: 35.980 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012447.D
Acq: 01 Feb 2023 17:13

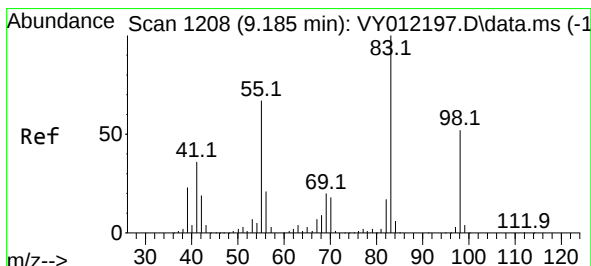
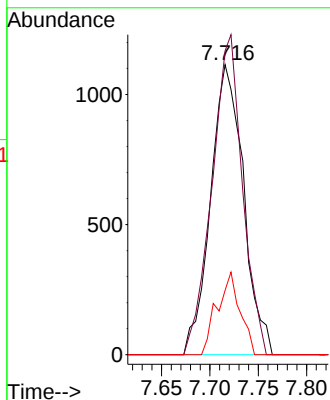
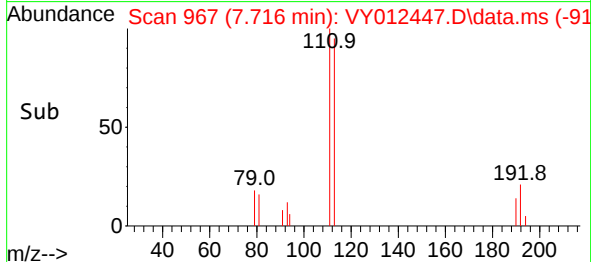
Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-1



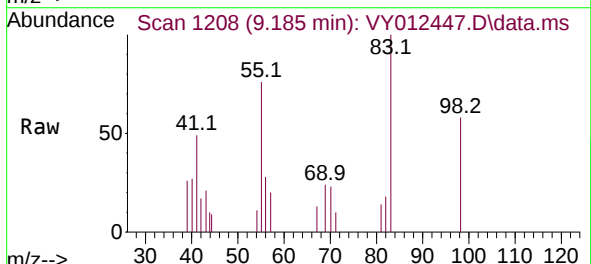
Tgt Ion: 113 Resp: 2639
Ion Ratio Lower Upper
113 100
111 101.8 83.0 124.4
192 19.7 16.0 24.0

Manual Integrations
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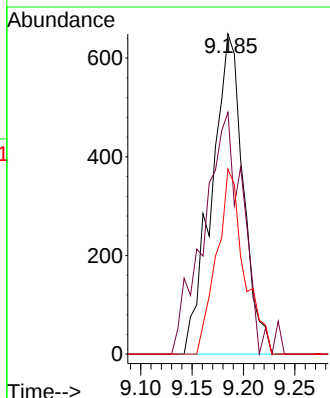
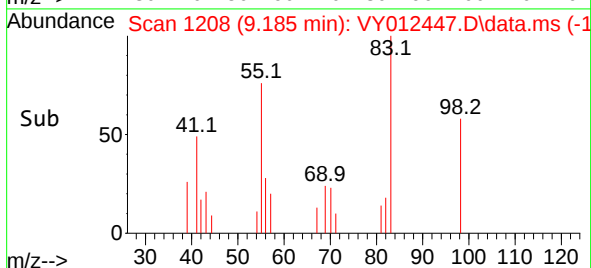
Reviewed By :Krupa Patel 02/02/2023
Supervised By :Mahesh Dadoda 02/02/2023

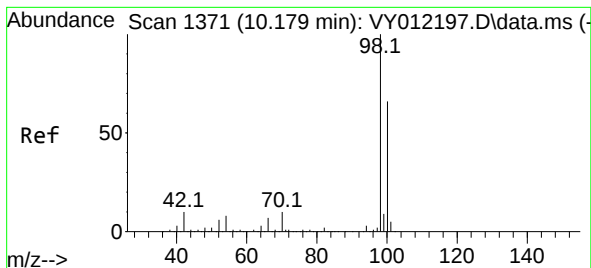


#39
Methylcyclohexane
Concen: 9.125 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY012447.D
Acq: 01 Feb 2023 17:13



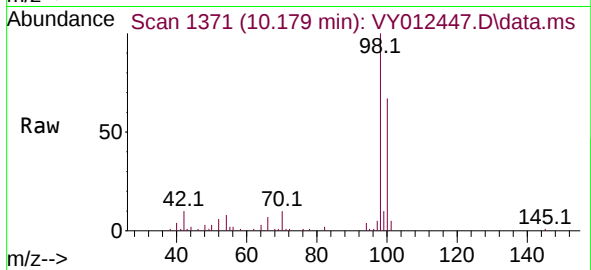
Tgt Ion: 83 Resp: 1390
Ion Ratio Lower Upper
83 100
55 67.5 58.2 87.2
98 57.8 38.6 58.0





#50
Toluene-d8
Concen: 66.321 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012447.D
Acq: 01 Feb 2023 17:13

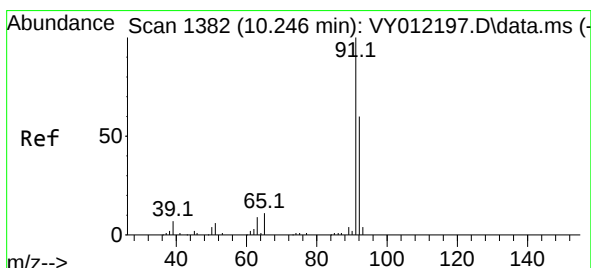
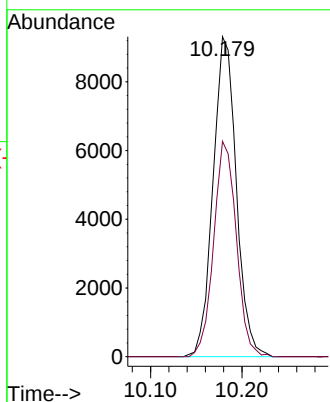
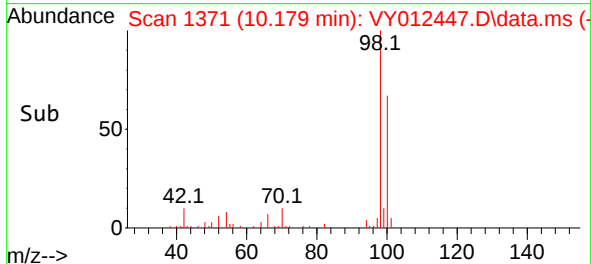
Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-1



Tgt Ion: 98 Resp: 1649
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9

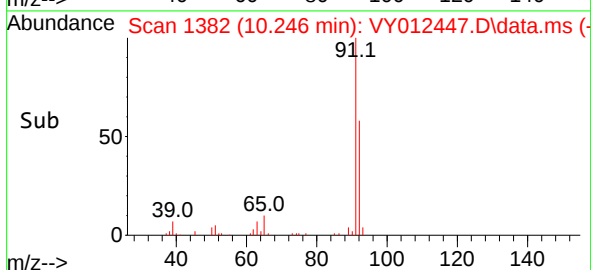
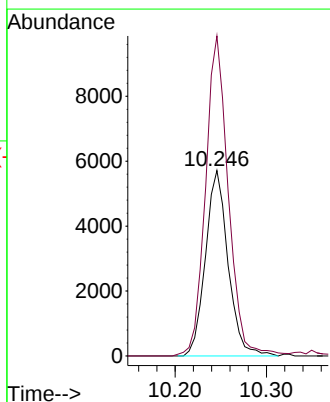
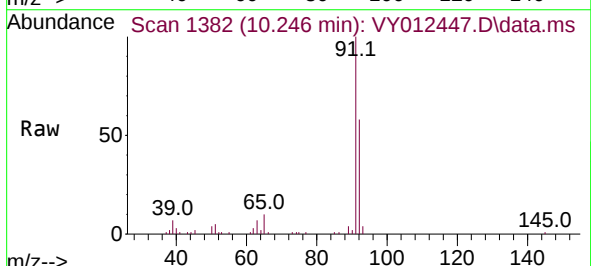
Manual Integrations
APPROVED

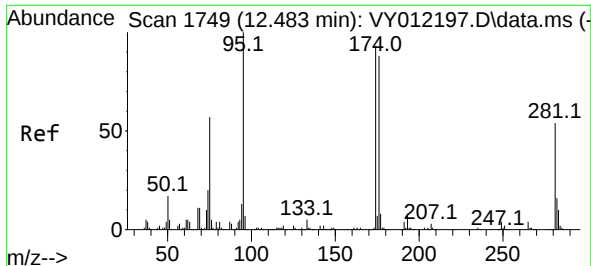
Reviewed By :Krupa Patel 02/02/2023
Supervised By :Mahesh Dadoda 02/02/2023



#52
Toluene
Concen: 40.956 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012447.D
Acq: 01 Feb 2023 17:13

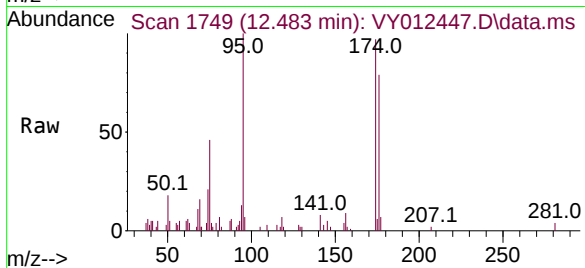
Tgt Ion: 92 Resp: 9811
Ion Ratio Lower Upper
92 100
91 173.9 137.4 206.0





#62
4-Bromofluorobenzene
Concen: 54.992 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012447.D
Acq: 01 Feb 2023 17:13

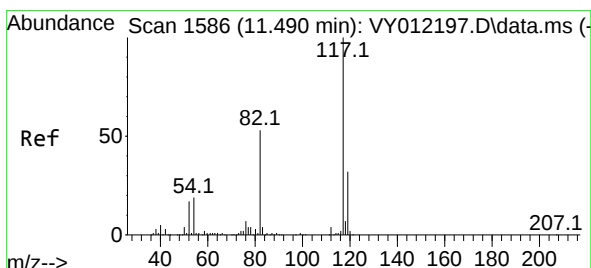
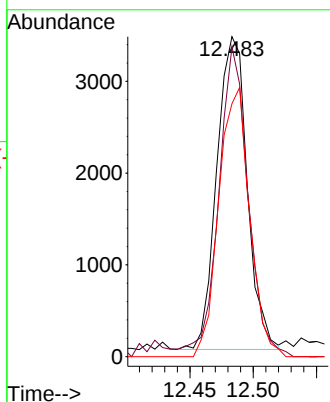
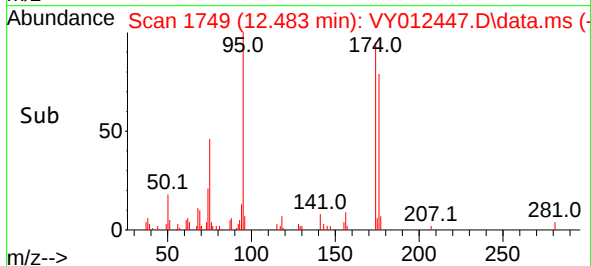
Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-1



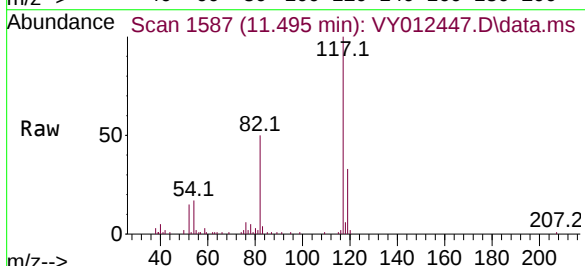
Tgt Ion: 95 Resp: 5680
Ion Ratio Lower Upper
95 100
174 96.3 0.0 172.0
176 87.2 0.0 167.6

Manual Integrations
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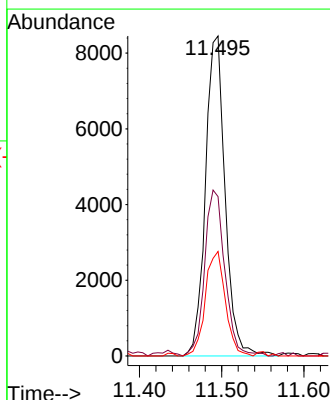
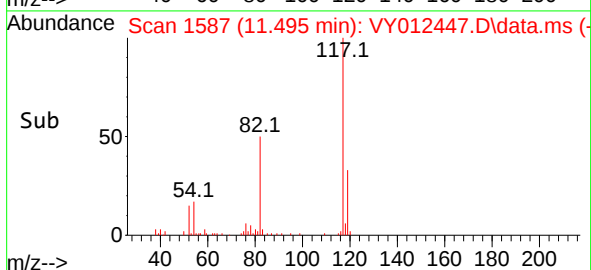
Reviewed By :Krupa Patel 02/02/2023
Supervised By :Mahesh Dadoda 02/02/2023

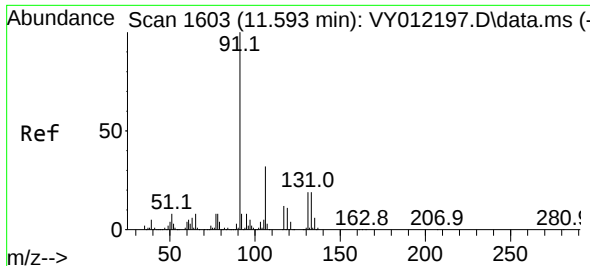


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.005 min
Lab File: VY012447.D
Acq: 01 Feb 2023 17:13



Tgt Ion:117 Resp: 14047
Ion Ratio Lower Upper
117 100
82 49.2 44.8 67.2
119 32.6 25.4 38.2





#67

Ethyl Benzene

Concen: 9.277 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY012447.D

Acq: 01 Feb 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

STOCKPILE-1

Tgt Ion: 91 Resp: 476

Ion Ratio Lower Upper

91 100

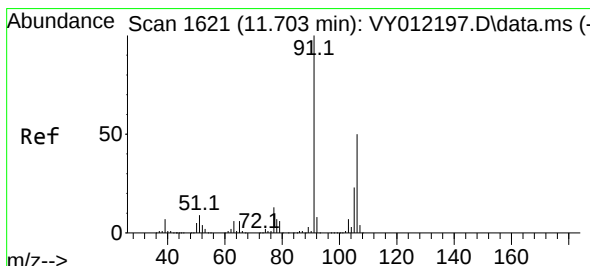
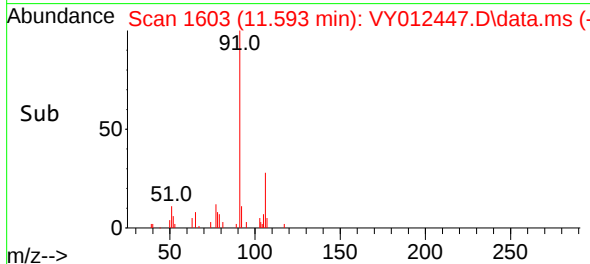
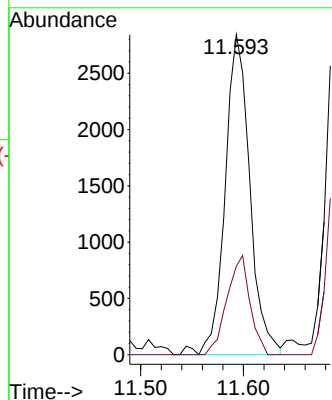
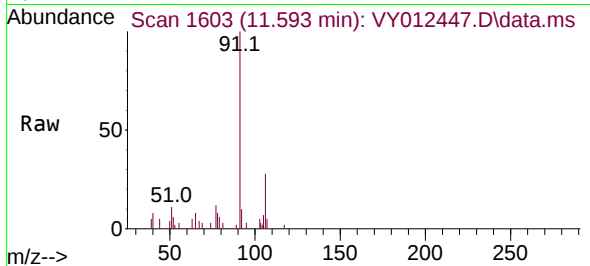
106 27.7 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/02/2023

Supervised By :Mahesh Dadoda 02/02/2023



#68

m/p-Xylenes

Concen: 29.322 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY012447.D

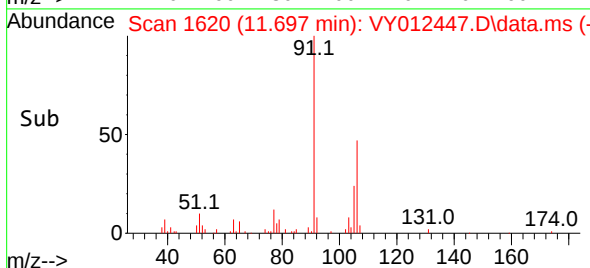
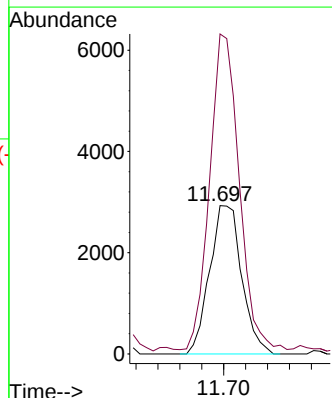
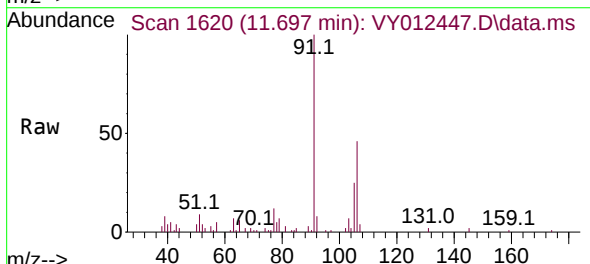
Acq: 01 Feb 2023 17:13

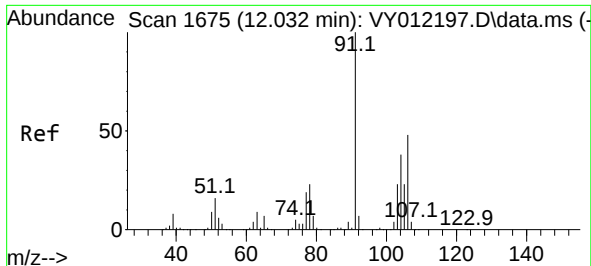
Tgt Ion:106 Resp: 5955

Ion Ratio Lower Upper

106 100

91 196.7 162.5 243.7





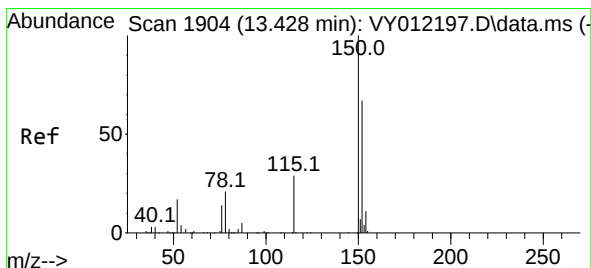
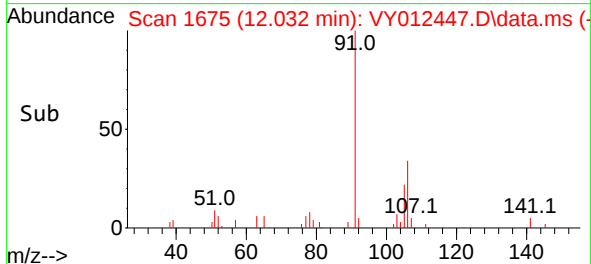
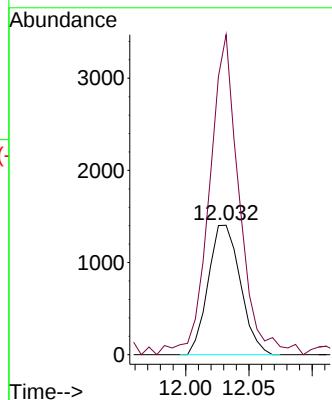
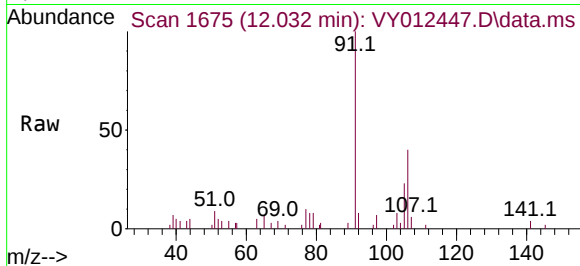
#69
o-Xylene
Concen: 12.785 ug/l
RT: 12.032 min Scan# 106
Delta R.T. 0.006 min
Lab File: VY012447.D
Acq: 01 Feb 2023 17:13

Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-1

Tgt Ion:106 Resp: 2480
Ion Ratio Lower Upper
106 100
91 230.1 107.5 322.4

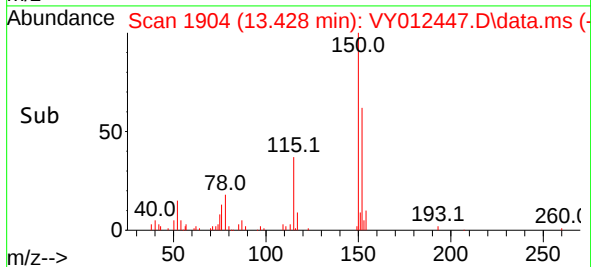
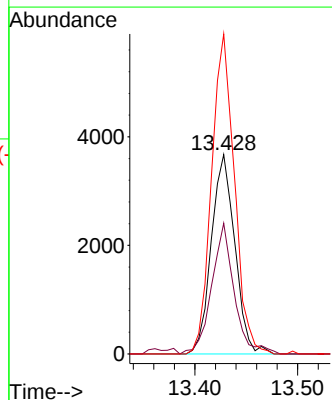
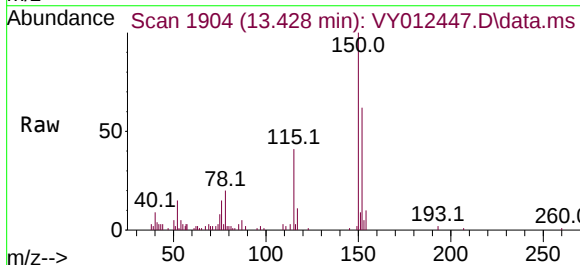
Manual Integrations
APPROVED

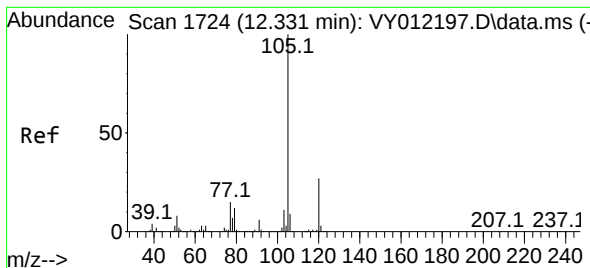
Reviewed By :Krupa Patel 02/02/2023
Supervised By :Mahesh Dadoda 02/02/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012447.D
Acq: 01 Feb 2023 17:13

Tgt Ion:152 Resp: 5845
Ion Ratio Lower Upper
152 100
115 62.4 29.1 87.3
150 155.6 0.0 342.6





#73

Isopropylbenzene

Concen: 3.903 ug/l

RT: 12.331 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012447.D

Acq: 01 Feb 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

STOCKPILE-1

Tgt Ion:105 Resp: 164

Ion Ratio Lower Upper

105 100

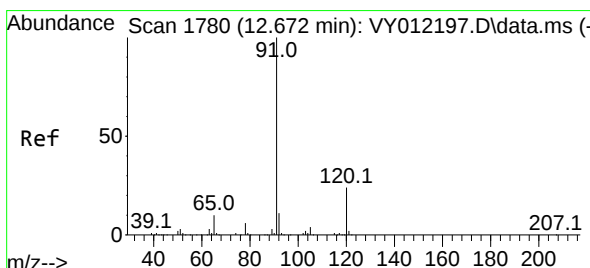
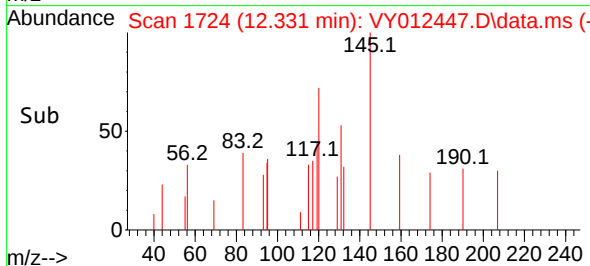
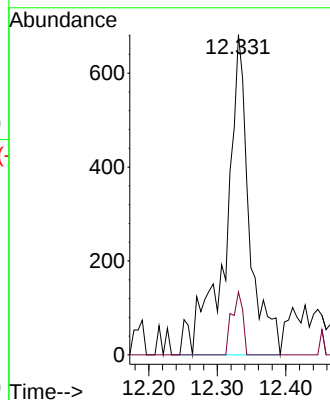
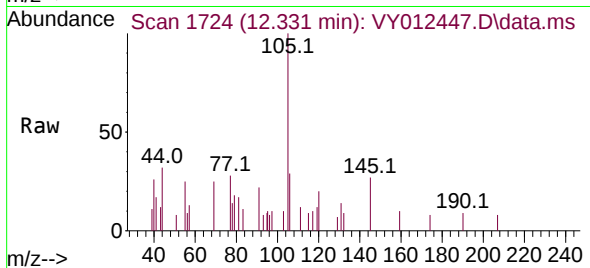
120 8.9 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/02/2023

Supervised By :Mahesh Dadoda 02/02/2023



#78

n-propylbenzene

Concen: 6.377 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY012447.D

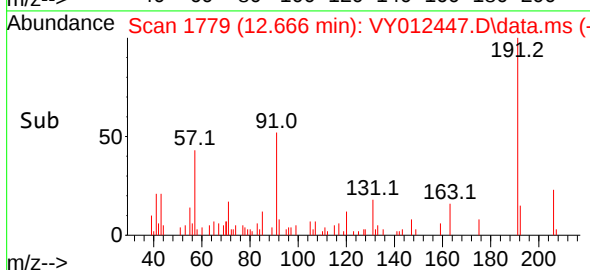
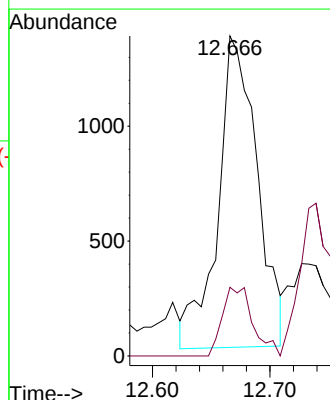
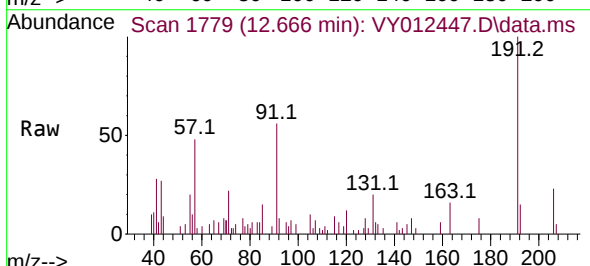
Acq: 01 Feb 2023 17:13

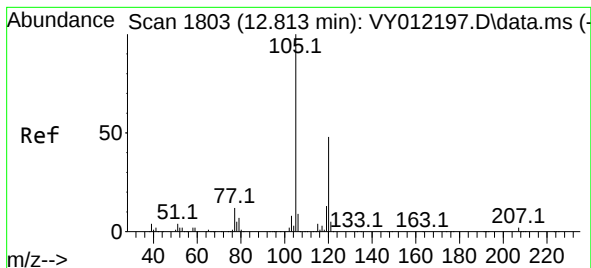
Tgt Ion: 91 Resp: 3145

Ion Ratio Lower Upper

91 100

120 17.1 11.8 35.4





#80

1,3,5-Trimethylbenzene

Concen: 3.161 ug/l

RT: 12.812 min Scan# 1158

Delta R.T. -0.001 min

Lab File: VY012447.D

Acq: 01 Feb 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

STOCKPILE-1

Tgt Ion:105 Resp: 1158

Ion Ratio Lower Upper

105 100

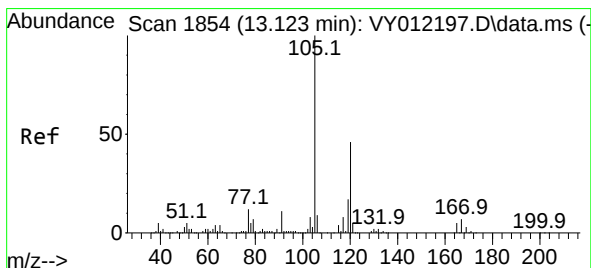
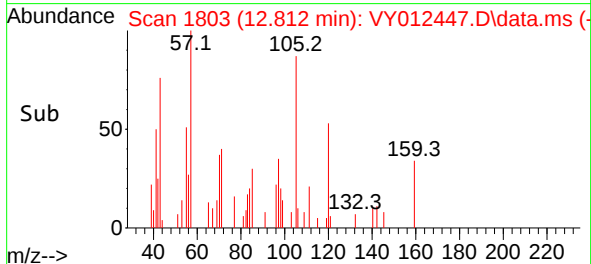
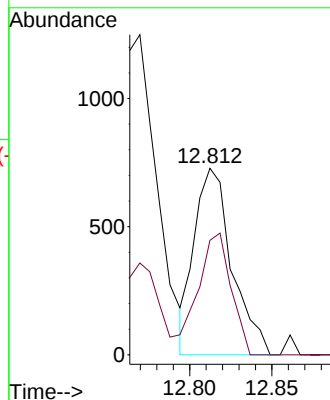
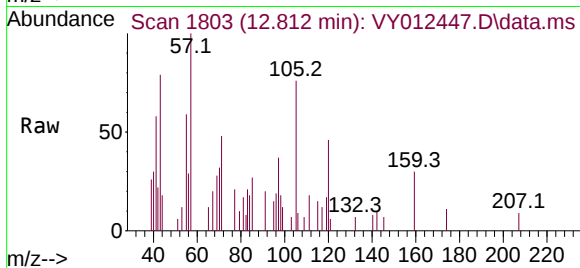
120 58.4 24.2 72.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/02/2023

Supervised By :Mahesh Dadoda 02/02/2023



#84

1,2,4-Trimethylbenzene

Concen: 13.323 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY012447.D

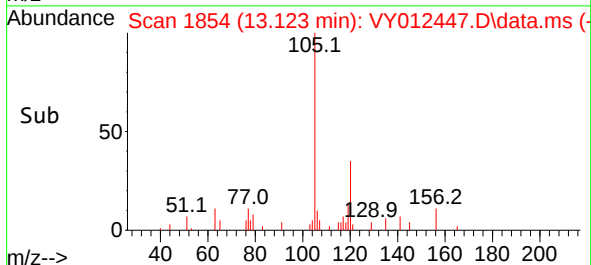
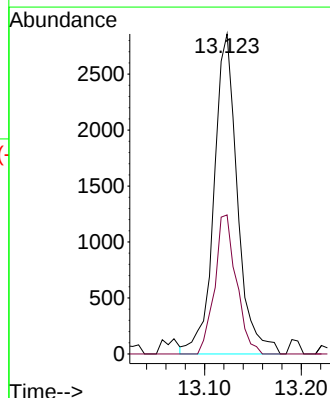
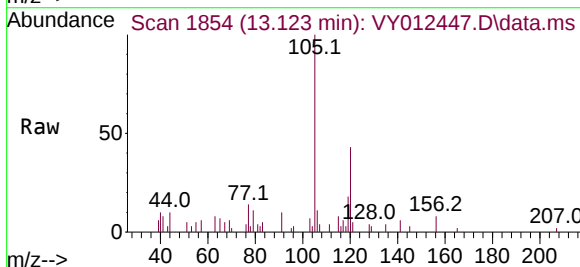
Acq: 01 Feb 2023 17:13

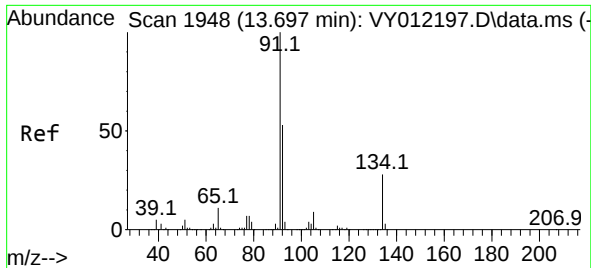
Tgt Ion:105 Resp: 4814

Ion Ratio Lower Upper

105 100

120 40.1 22.9 68.7





#89

n-Butylbenzene

Concen: 2.007 ug/l m

RT: 13.702 min Scan# 1949

Delta R.T. 0.005 min

Lab File: VY012447.D

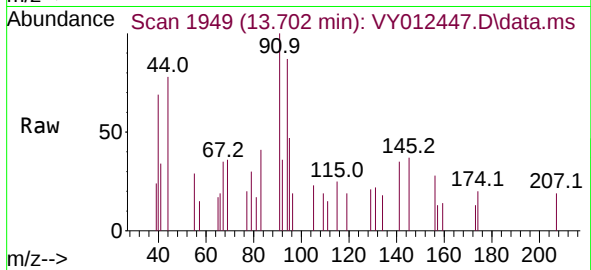
Acq: 01 Feb 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

STOCKPILE-1



Tgt Ion:	91	Resp:	69
Ion	Ratio	Lower	Upper
91	100		
92	32.4	26.8	80.4
134	0.0	13.3	39.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/02/2023

Supervised By :Mahesh Dadoda 02/02/2023

