

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021522\
 Data File : VY007504.D
 Acq On : 15 Feb 2022 15:30
 Operator : SY/MD
 Sample : N1539-03
 Misc : 5.49g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-3

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/16/2022
 Supervised By : Mahesh Dadoda 02/21/2022

Quant Time: Feb 16 01:41:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 09:34:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	93659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	167045	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	165308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	58263	56.345	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.680%			
35) Dibromofluoromethane	7.722	113	55019	52.228	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.460%			
50) Toluene-d8	10.185	98	205712	51.414	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.820%			
62) 4-Bromofluorobenzene	12.483	95	77211	56.912	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.820%			
Target Compounds					Qvalue	
16) Acetone	3.954	43	5932	21.622	ug/l	91
52) Toluene	10.246	92	424634	141.122	ug/l	97
67) Ethyl Benzene	11.593	91	529421	78.128	ug/l	99
68) m/p-Xylenes	11.703	106	663997	258.918	ug/l	100
69) o-Xylene	12.032	106	444327	183.107	ug/l	100
73) Isopropylbenzene	12.331	105	37718	5.846	ug/l	97
78) n-propylbenzene	12.672	91	171642	22.108	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	359608	67.289	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	1513266	292.032	ug/l	99
86) p-Isopropyltoluene	13.373	119	12050m	2.125	ug/l	
89) n-Butylbenzene	13.697	91	41778	7.746	ug/l #	58
95) Naphthalene	15.233	128	506009	163.310	ug/l	99

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

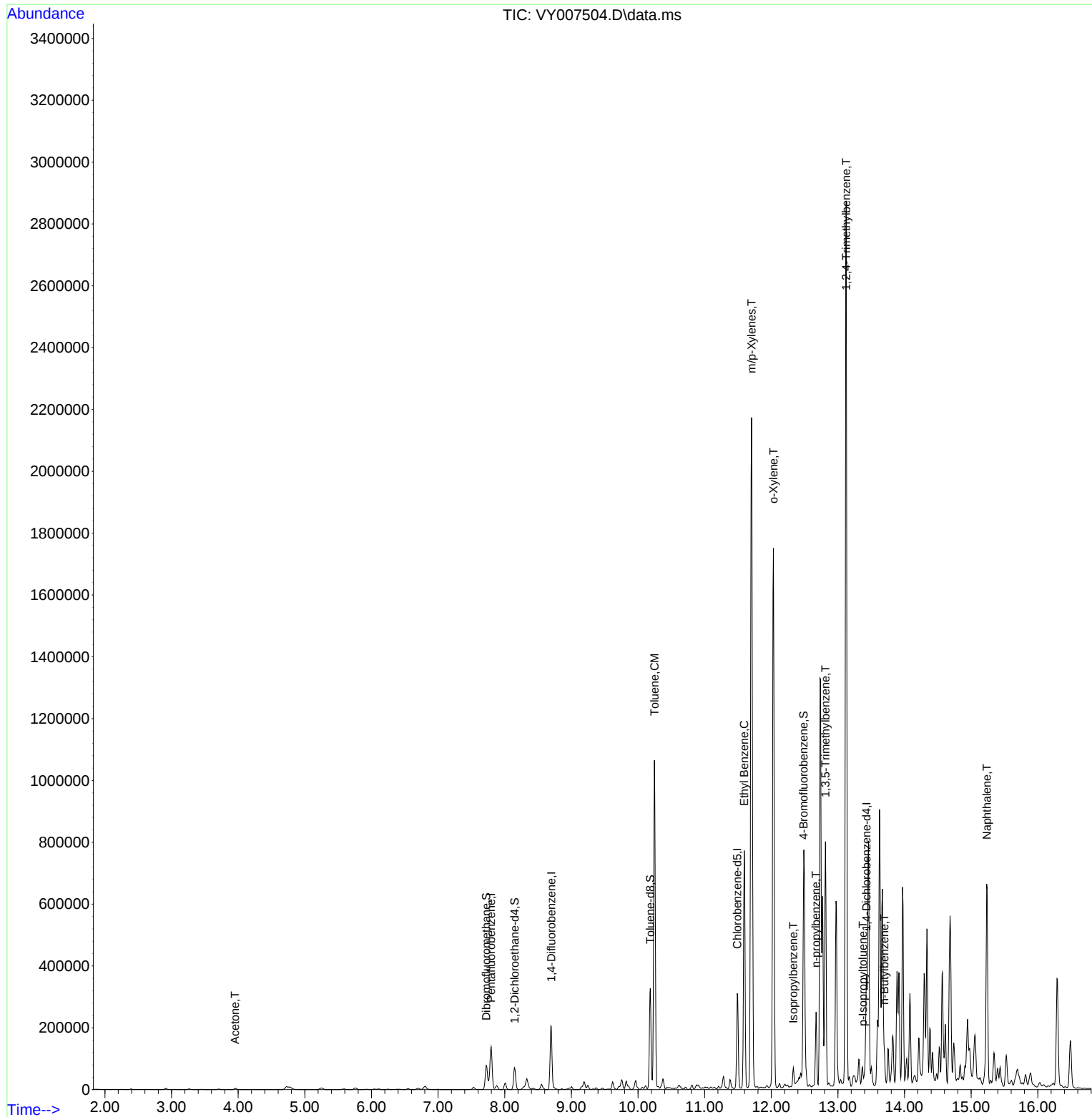
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021522\
Data File : VY007504.D
Acq On : 15 Feb 2022 15:30
Operator : SY/MD
Sample : N1539-03
Misc : 5.49g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

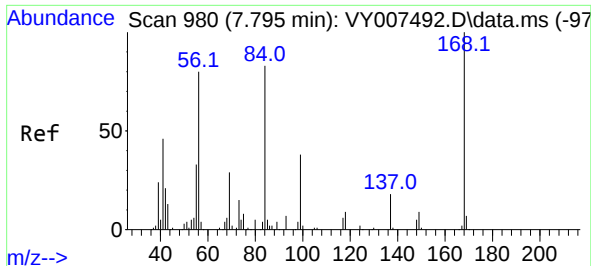
Instrument :
MSVOA_Y
ClientSampleId :
PE-3

Manual Integrations
APPROVED

Reviewed By : John Carlone 02/16/2022
Supervised By : Mahesh Dadoda 02/21/2022

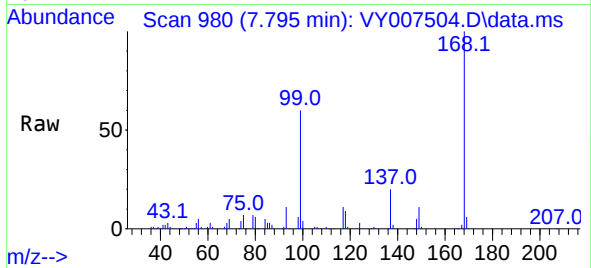
Quant Time: Feb 16 01:41:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 15 09:34:50 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007504.D
Acq: 15 Feb 2022 15:30

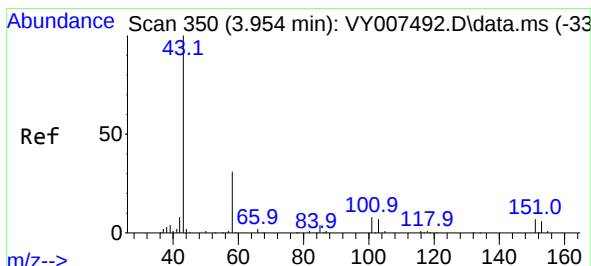
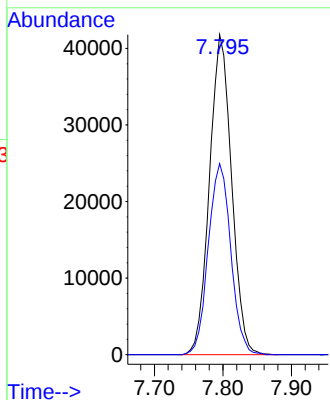
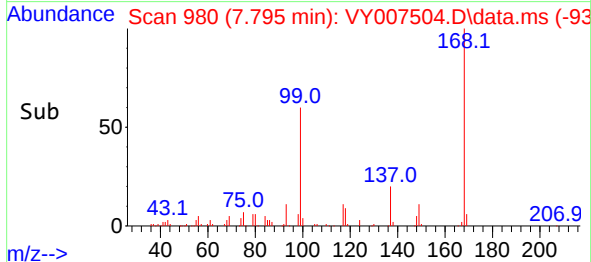
Instrument :
MSVOA_Y
ClientSampleId :
PE-3



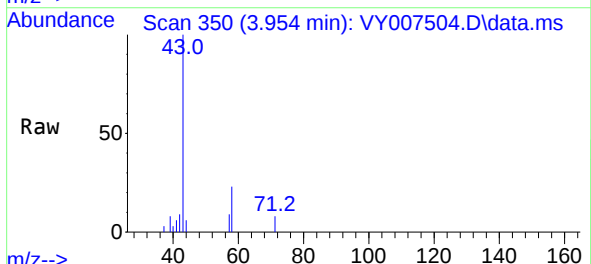
Tgt Ion:168 Resp: 9365
Ion Ratio Lower Upper
168 100
99 59.7 46.9 70.3

Manual Integrations
APPROVED

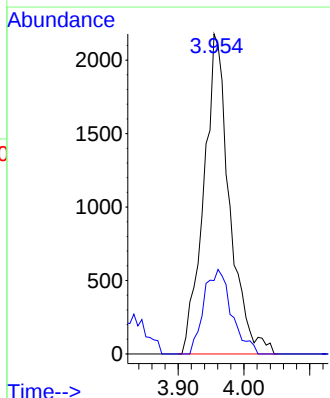
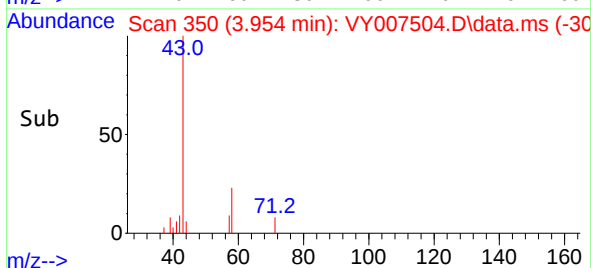
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022

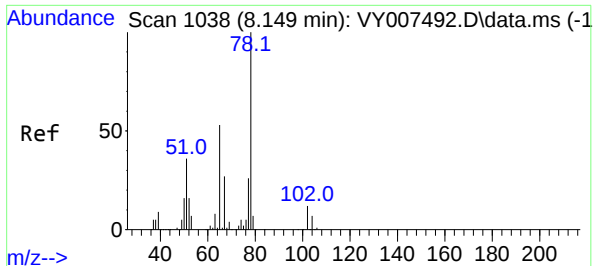


#16
Acetone
Concen: 21.622 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007504.D
Acq: 15 Feb 2022 15:30



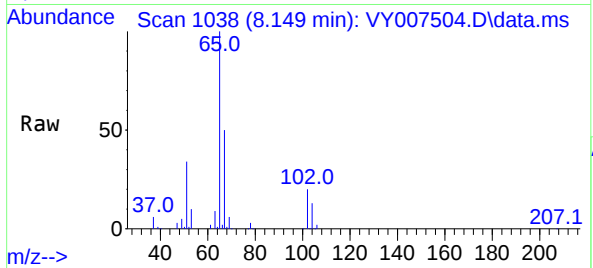
Tgt Ion: 43 Resp: 5932
Ion Ratio Lower Upper
43 100
58 23.0 22.0 33.0





#33
1,2-Dichloroethane-d4
Concen: 56.345 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007504.D
Acq: 15 Feb 2022 15:30

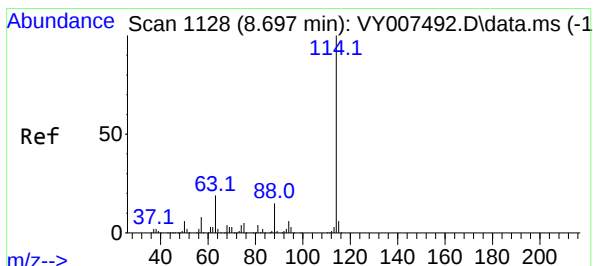
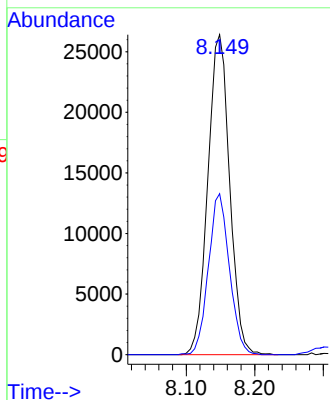
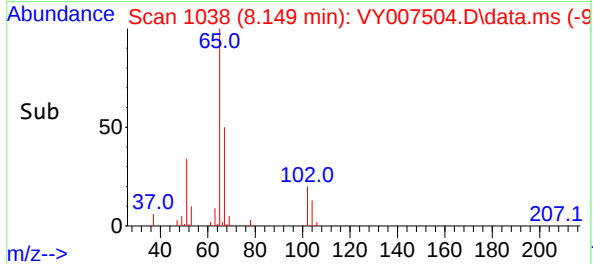
Instrument :
MSVOA_Y
ClientSampleId :
PE-3



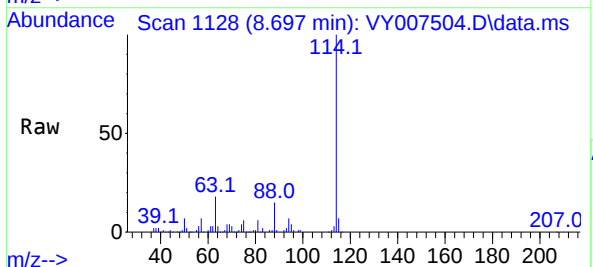
Tgt Ion: 65 Resp: 5826
Ion Ratio Lower Upper
65 100
67 48.4 0.0 99.4

Manual Integrations
APPROVED

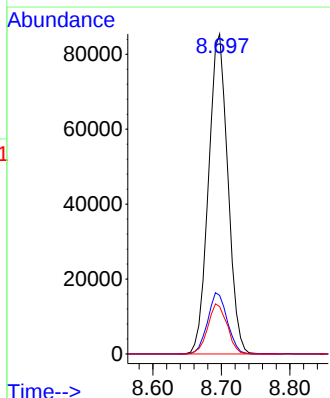
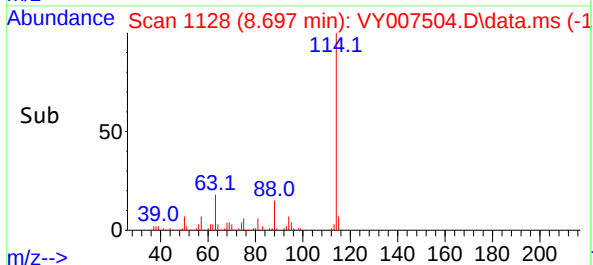
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022

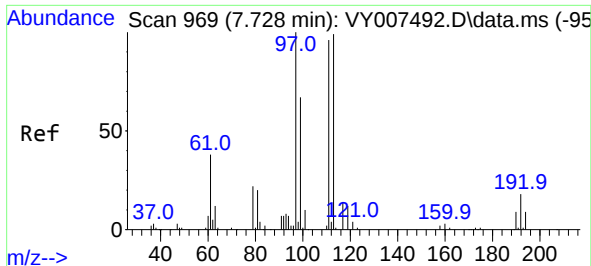


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY007504.D
Acq: 15 Feb 2022 15:30



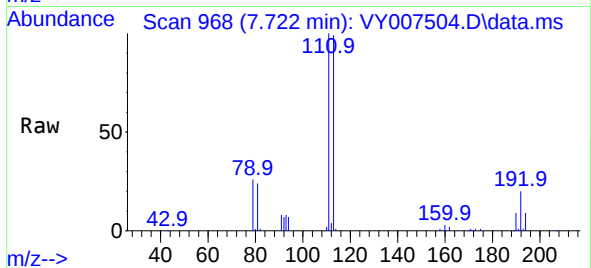
Tgt Ion:114 Resp: 167045
Ion Ratio Lower Upper
114 100
63 18.3 0.0 43.2
88 14.8 0.0 31.8





#35
Dibromofluoromethane
Concen: 52.228 ug/l
RT: 7.722 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY007504.D
Acq: 15 Feb 2022 15:30

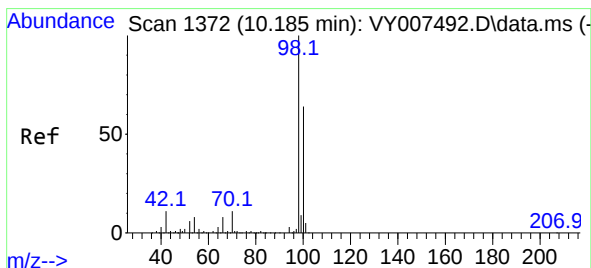
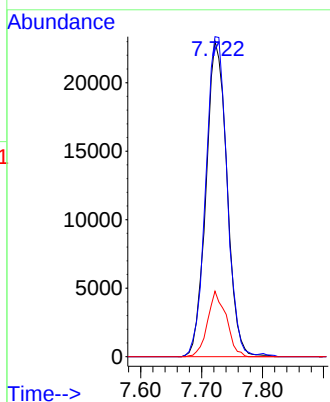
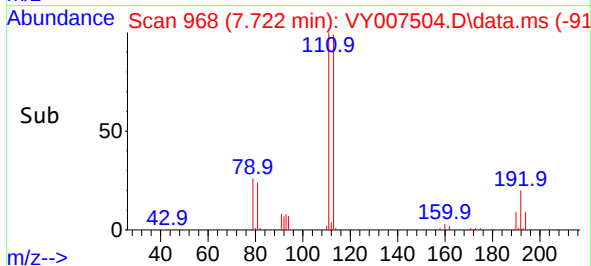
Instrument :
MSVOA_Y
ClientSampleId :
PE-3



Tgt Ion:113 Resp: 55019
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 18.6 17.6 26.4

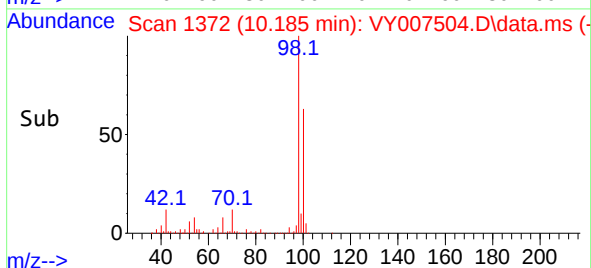
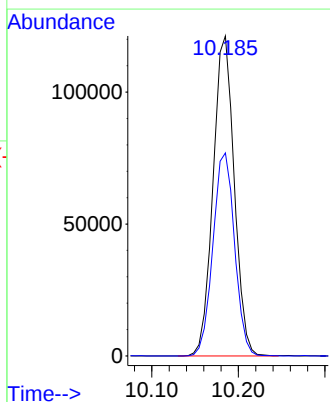
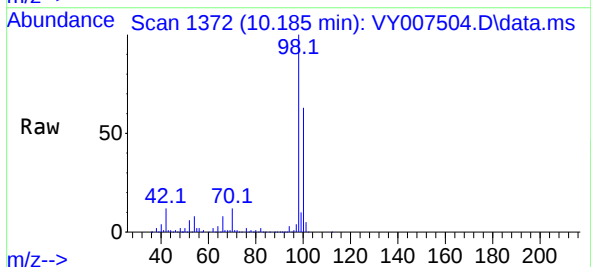
Manual Integrations
APPROVED

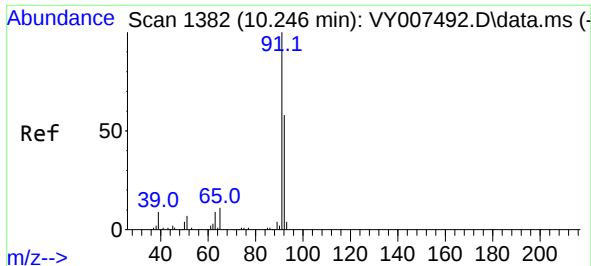
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#50
Toluene-d8
Concen: 51.414 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY007504.D
Acq: 15 Feb 2022 15:30

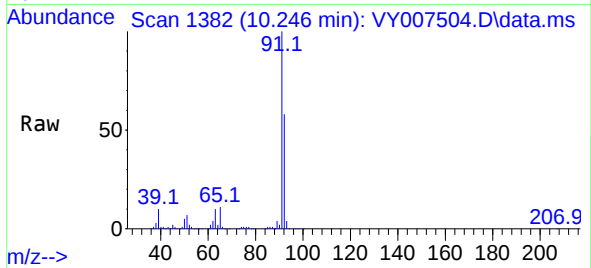
Tgt Ion: 98 Resp: 205712
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2





#52
Toluene
Concen: 141.122 ug/l
RT: 10.246 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007504.D
Acq: 15 Feb 2022 15:30

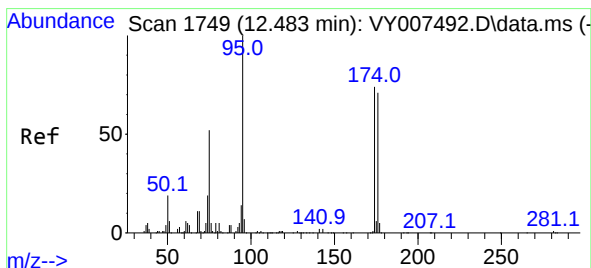
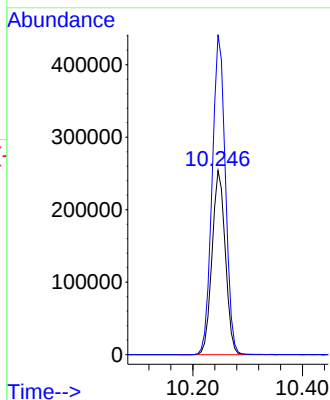
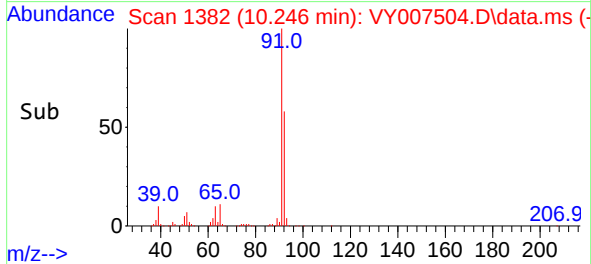
Instrument :
MSVOA_Y
ClientSampleId :
PE-3



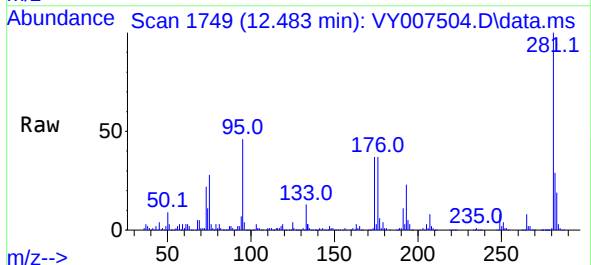
Tgt Ion: 92 Resp: 424634
Ion Ratio Lower Upper
92 100
91 173.9 142.6 213.8

Manual Integrations
APPROVED

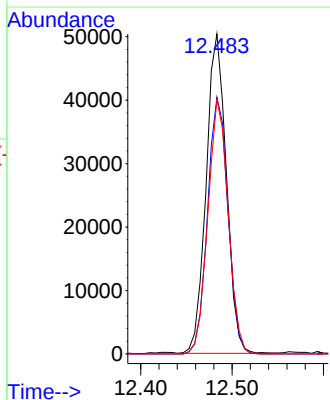
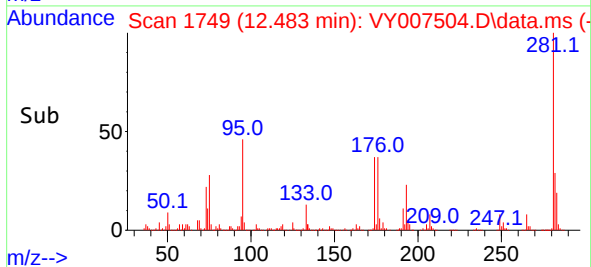
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022

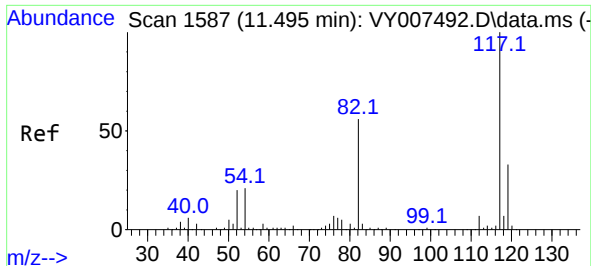


#62
4-Bromofluorobenzene
Concen: 56.912 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007504.D
Acq: 15 Feb 2022 15:30



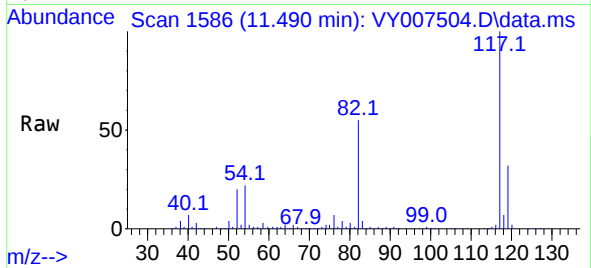
Tgt Ion: 95 Resp: 77211
Ion Ratio Lower Upper
95 100
174 81.3 0.0 177.0
176 79.7 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007504.D
Acq: 15 Feb 2022 15:30

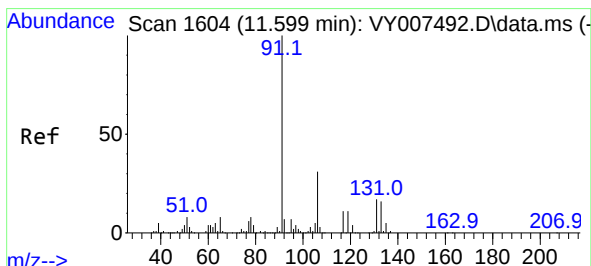
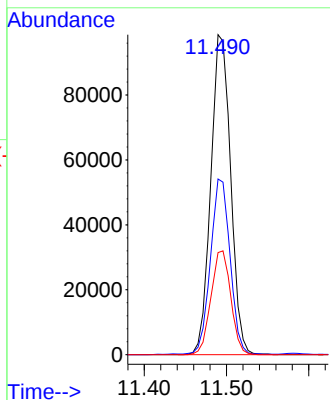
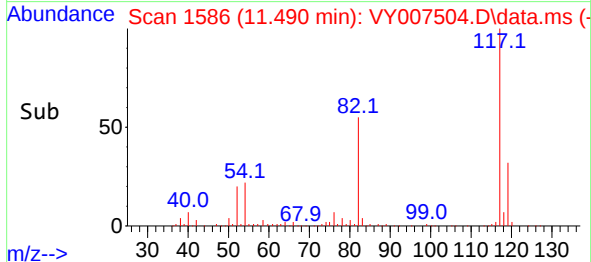
Instrument :
MSVOA_Y
ClientSampleId :
PE-3



Tgt Ion:117 Resp: 165308
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.4
119 31.9 25.4 38.0

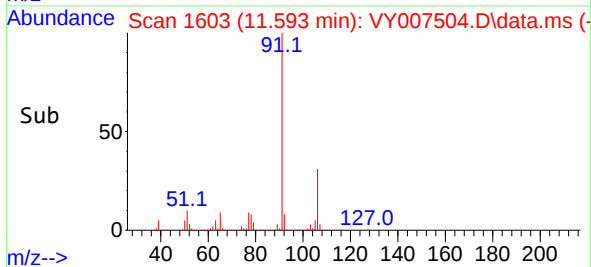
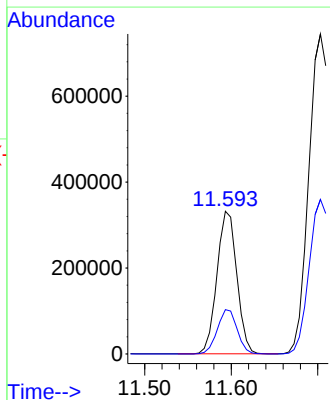
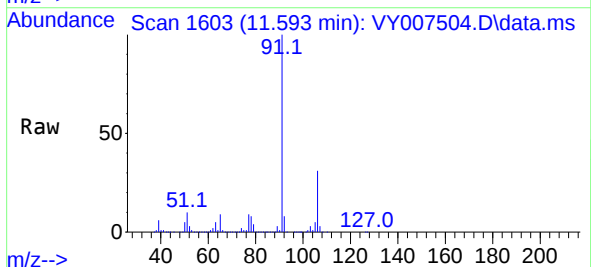
Manual Integrations
APPROVED

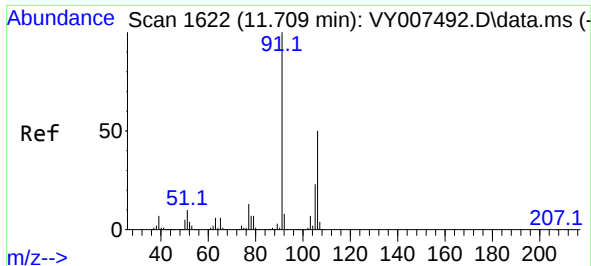
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#67
Ethyl Benzene
Concen: 78.128 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007504.D
Acq: 15 Feb 2022 15:30

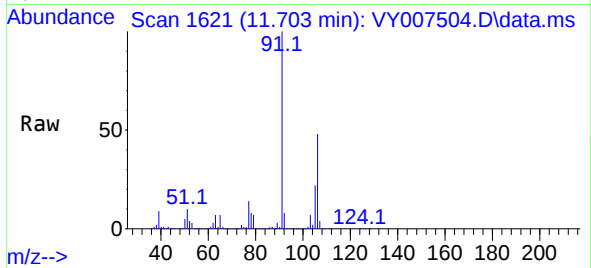
Tgt Ion: 91 Resp: 529421
Ion Ratio Lower Upper
91 100
106 31.0 24.5 36.7





#68
m/p-Xylenes
Concen: 258.918 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY007504.D
Acq: 15 Feb 2022 15:30

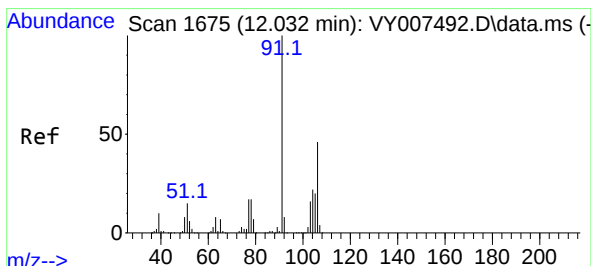
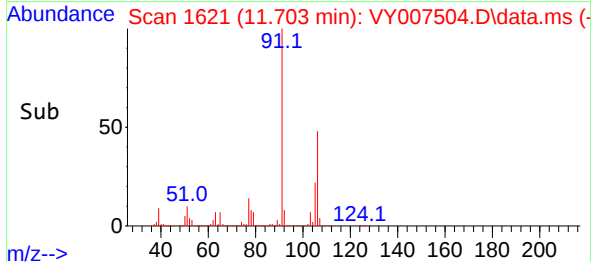
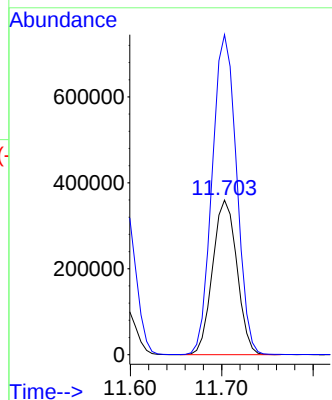
Instrument :
MSVOA_Y
ClientSampleId :
PE-3



Tgt Ion:106 Resp: 663997
Ion Ratio Lower Upper
106 100
91 207.9 166.6 249.8

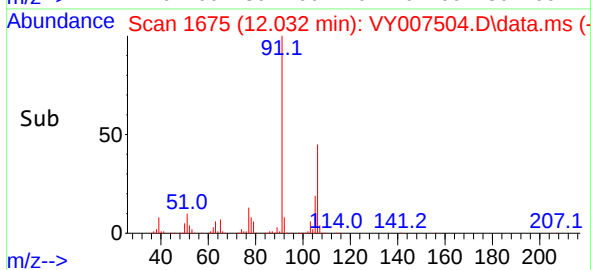
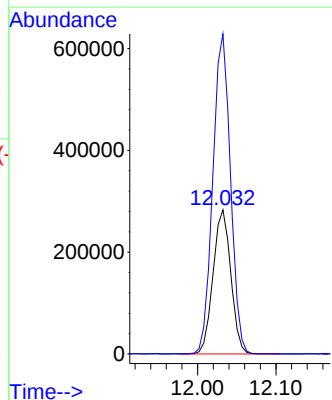
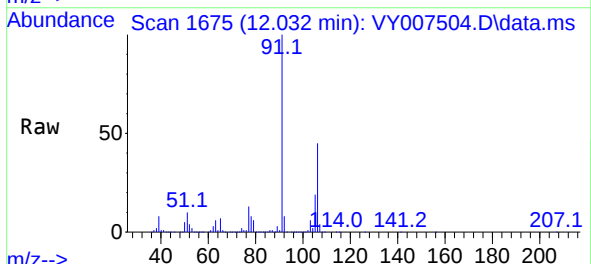
Manual Integrations
APPROVED

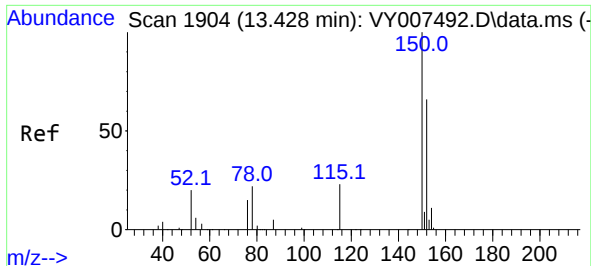
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#69
o-Xylene
Concen: 183.107 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY007504.D
Acq: 15 Feb 2022 15:30

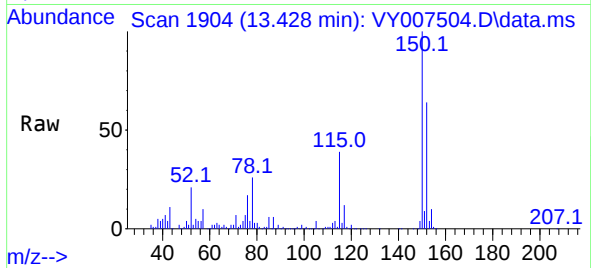
Tgt Ion:106 Resp: 444327
Ion Ratio Lower Upper
106 100
91 221.1 110.3 331.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007504.D
Acq: 15 Feb 2022 15:30

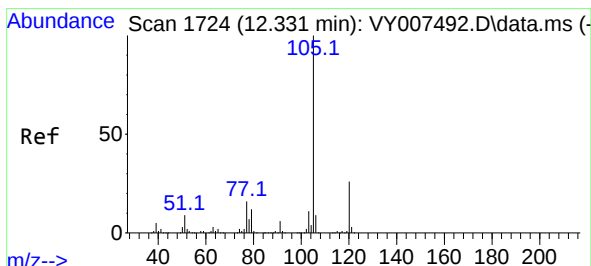
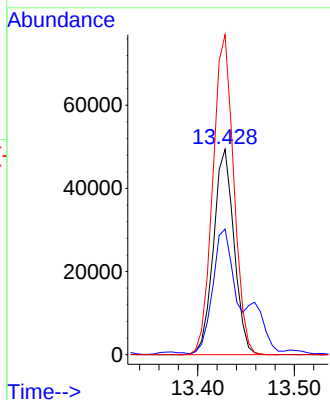
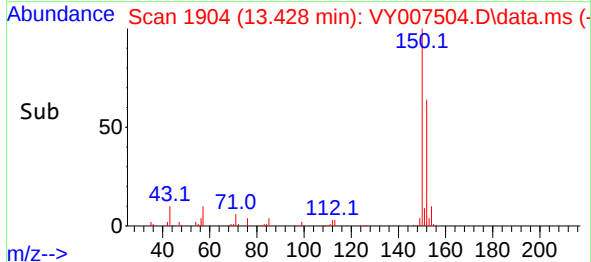
Instrument :
MSVOA_Y
ClientSampleId :
PE-3



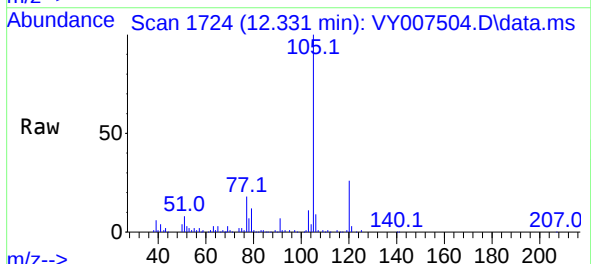
Tgt Ion:152 Resp: 7282
Ion Ratio Lower Upper
152 100
115 65.5 28.2 84.7
150 158.7 0.0 347.6

Manual Integrations
APPROVED

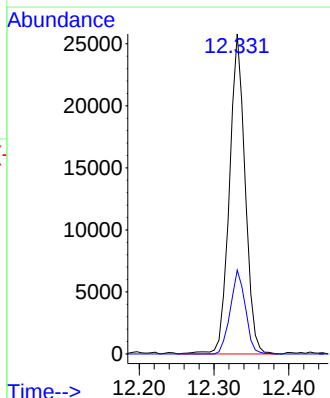
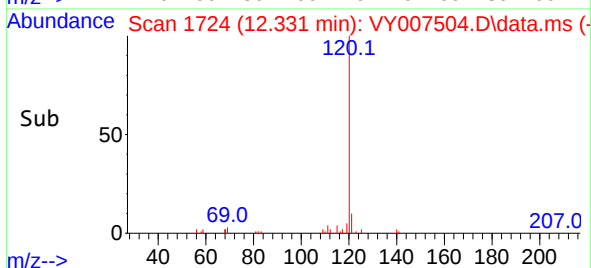
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022

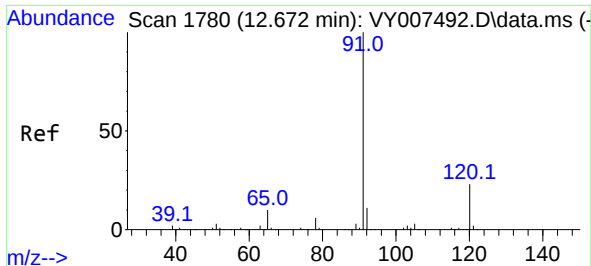


#73
Isopropylbenzene
Concen: 5.846 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY007504.D
Acq: 15 Feb 2022 15:30



Tgt Ion:105 Resp: 37718
Ion Ratio Lower Upper
105 100
120 25.0 13.4 40.2





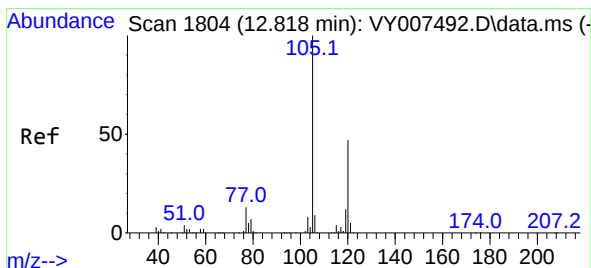
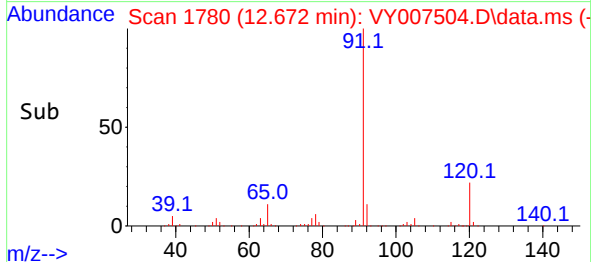
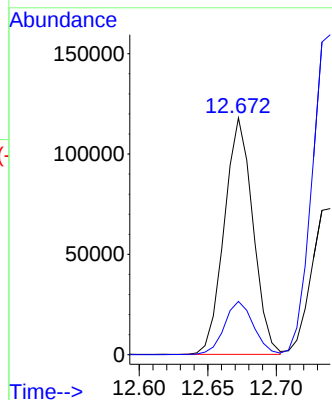
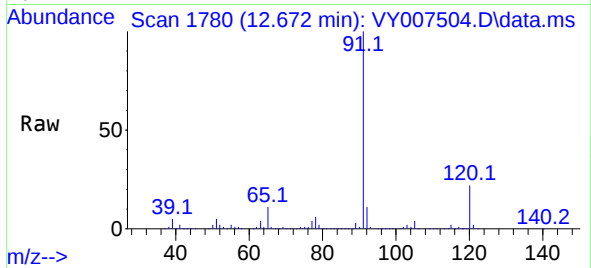
#78
n-propylbenzene
Concen: 22.108 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY007504.D
Acq: 15 Feb 2022 15:30

Instrument :
MSVOA_Y
ClientSampleId :
PE-3

Tgt Ion: 91 Resp: 17164
Ion Ratio Lower Upper
91 100
120 23.0 11.3 33.9

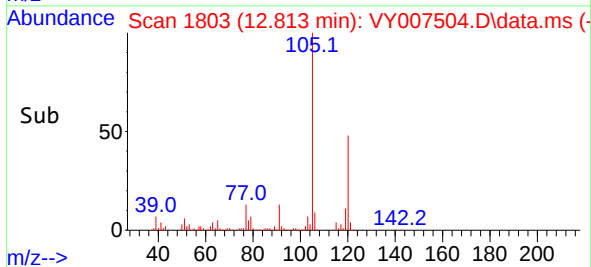
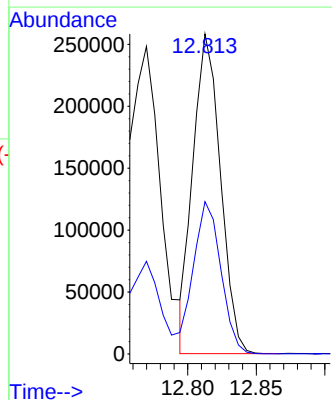
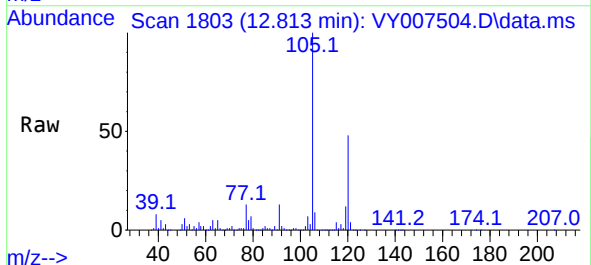
Manual Integrations
APPROVED

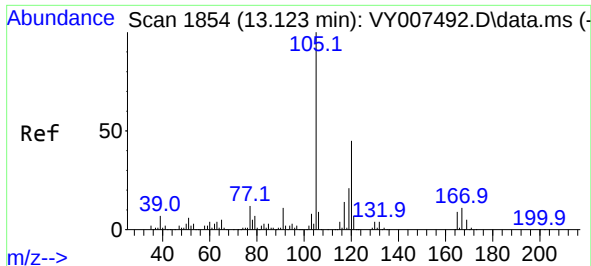
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 67.289 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY007504.D
Acq: 15 Feb 2022 15:30

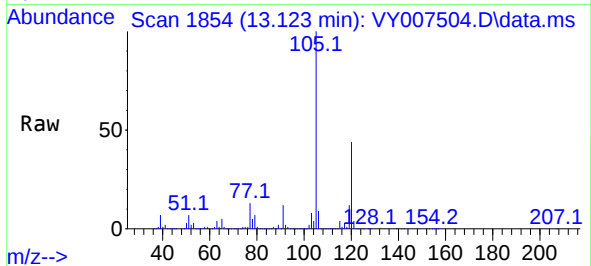
Tgt Ion:105 Resp: 359608
Ion Ratio Lower Upper
105 100
120 48.8 24.4 73.4





#84
1,2,4-Trimethylbenzene
Concen: 292.032 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY007504.D
Acq: 15 Feb 2022 15:30

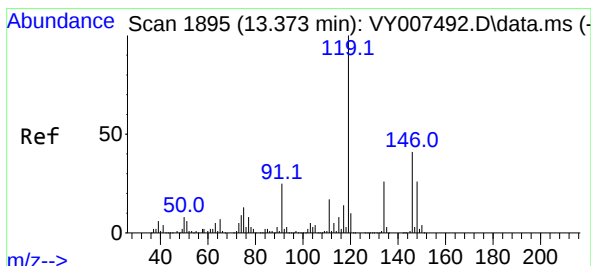
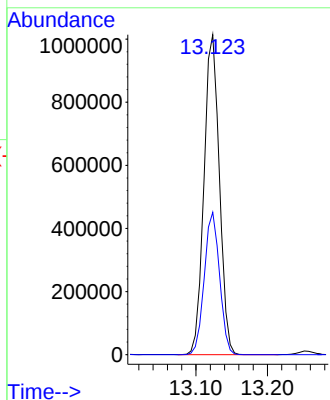
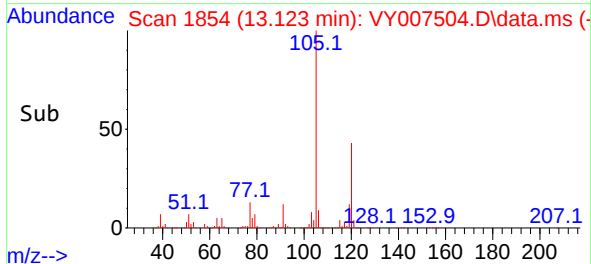
Instrument :
MSVOA_Y
ClientSampleId :
PE-3



Tgt Ion:105 Resp: 151326
Ion Ratio Lower Upper
105 100
120 44.1 22.3 66.9

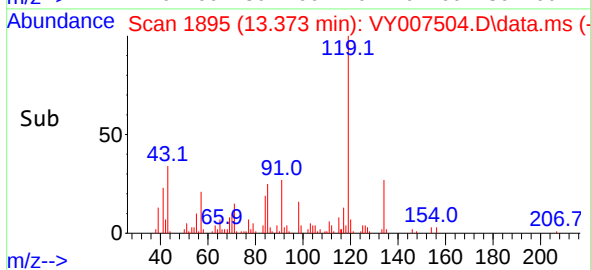
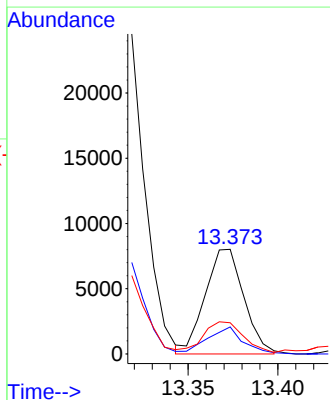
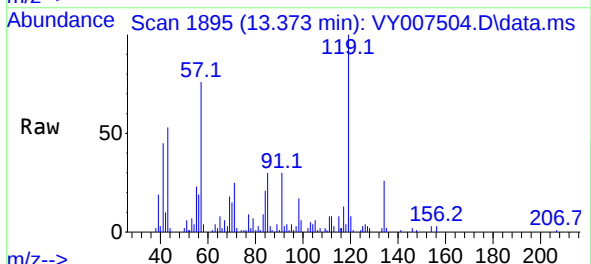
Manual Integrations
APPROVED

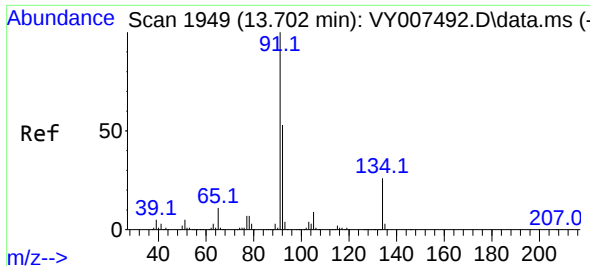
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#86
p-Isopropyltoluene
Concen: 2.125 ug/l m
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY007504.D
Acq: 15 Feb 2022 15:30

Tgt Ion:119 Resp: 12050
Ion Ratio Lower Upper
119 100
134 85.5 13.2 39.5#
91 78.7 12.4 37.2#





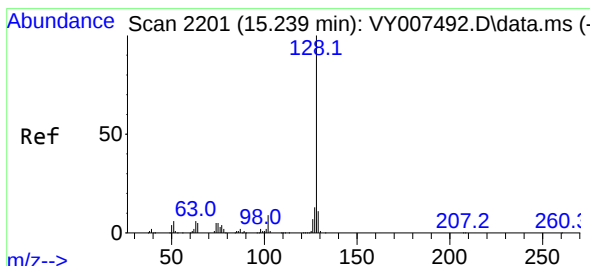
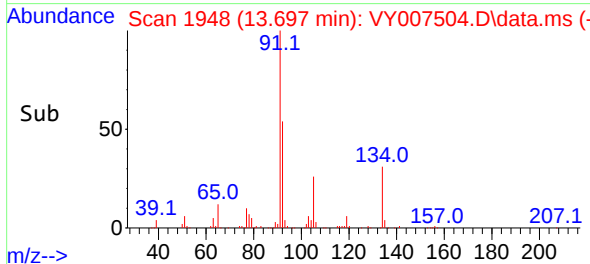
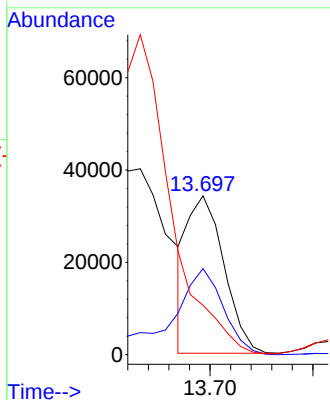
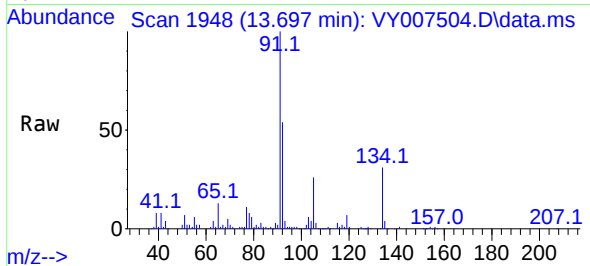
#89
n-Butylbenzene
Concen: 7.746 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.001 min
Lab File: VY007504.D
Acq: 15 Feb 2022 15:30

Instrument :
MSVOA_Y
ClientSampleId :
PE-3

Tgt Ion: 91 Resp: 41778
Ion Ratio Lower Upper
91 100
92 79.2 26.3 78.9
134 0.0 13.0 38.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#95
Naphthalene
Concen: 163.310 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY007504.D
Acq: 15 Feb 2022 15:30

Tgt Ion:128 Resp: 506009
Ion Ratio Lower Upper
128 100
127 13.1 11.0 16.4
129 10.9 8.4 12.6

