

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
 Data File : VY009274.D
 Acq On : 22 Jun 2022 15:11
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

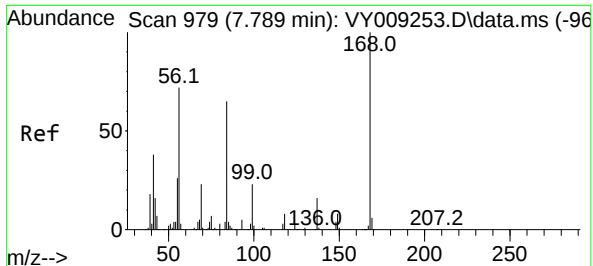
Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022

Quant Time: Jun 23 01:56:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

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

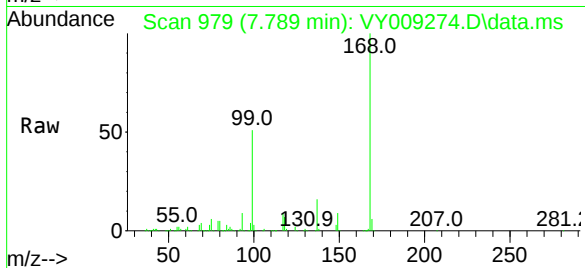
Internal Standards						
1) Pentafluorobenzene	7.789	168	282142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	415148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	390832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	199053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	155130	50.063	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.120%			
35) Dibromofluoromethane	7.709	113	144674	53.810	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.620%			
50) Toluene-d8	10.178	98	466314	45.150	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 90.300%			
62) 4-Bromofluorobenzene	12.477	95	190018	52.358	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.720%			
Target Compounds					Qvalue	
39) Methylcyclohexane	9.179	83	6777	1.350	ug/l	89
52) Toluene	10.239	92	16075	2.101	ug/l	99
67) Ethyl Benzene	11.593	91	124272	8.144	ug/l	99
68) m/p-Xylenes	11.697	106	258030	43.095	ug/l	93
69) o-Xylene	12.026	106	77543	13.619	ug/l	91
73) Isopropylbenzene	12.324	105	17758	1.137	ug/l	93
78) n-propylbenzene	12.666	91	127342	6.768	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	236659	18.255	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	863977	68.006	ug/l	97
89) n-Butylbenzene	13.696	91	48375	3.693	ug/l #	73
95) Naphthalene	15.232	128	439975	54.419	ug/l	99

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009274.D
Acq: 22 Jun 2022 15:11

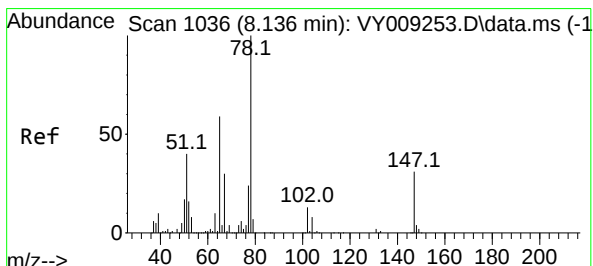
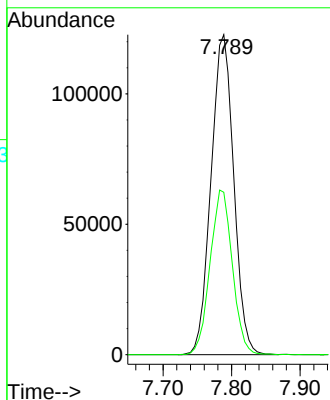
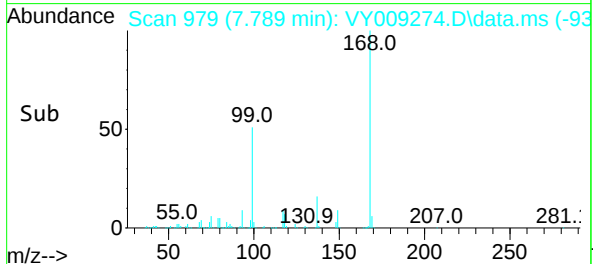
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK



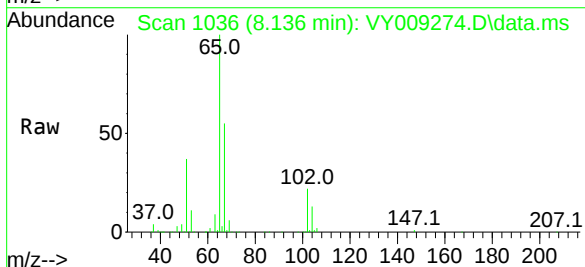
Tgt Ion:168 Resp: 28214
Ion Ratio Lower Upper
168 100
99 50.8 46.9 70.3

Manual Integrations
APPROVED

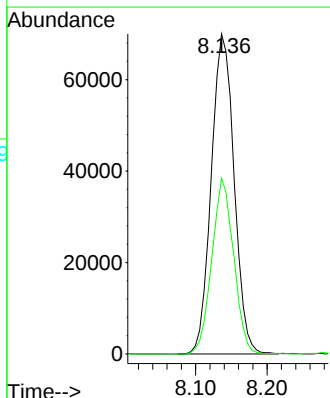
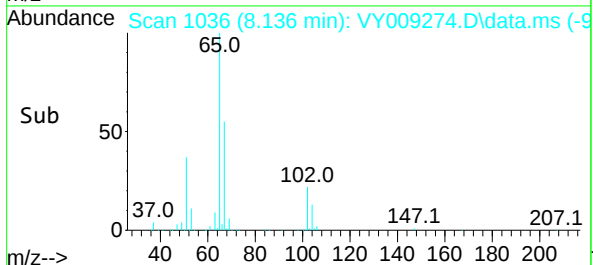
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

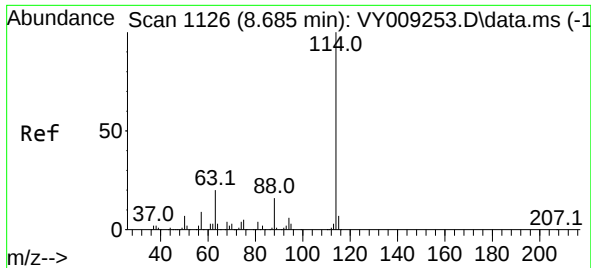


#33
1,2-Dichloroethane-d4
Concen: 50.063 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009274.D
Acq: 22 Jun 2022 15:11



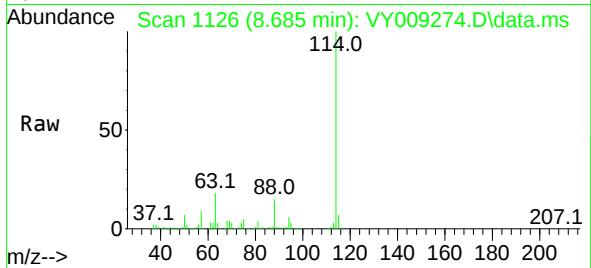
Tgt Ion: 65 Resp: 155130
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY009274.D
Acq: 22 Jun 2022 15:11

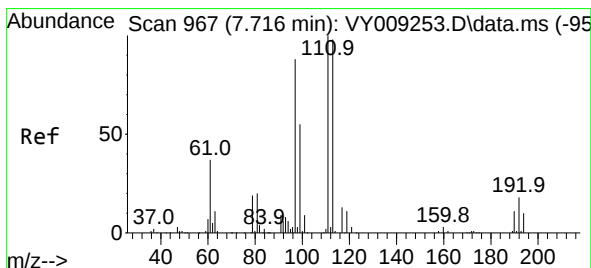
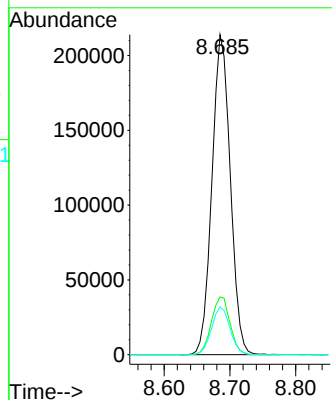
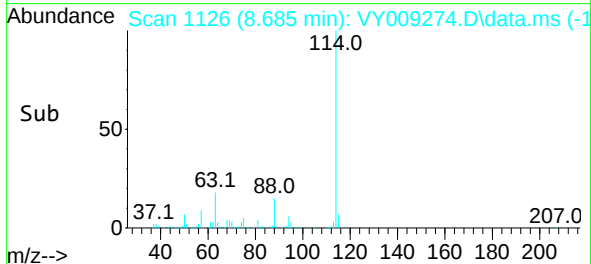
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK



Tgt Ion:114 Resp: 415148
Ion Ratio Lower Upper
114 100
63 18.1 0.0 43.2
88 14.9 0.0 31.8

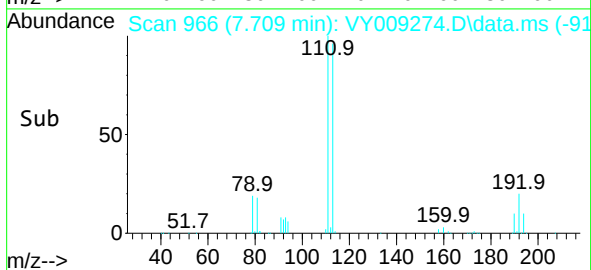
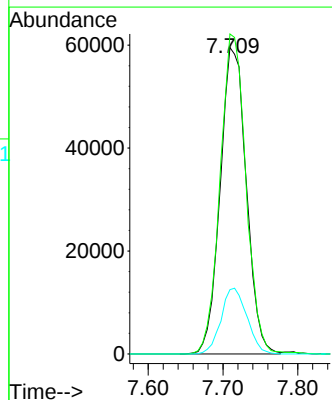
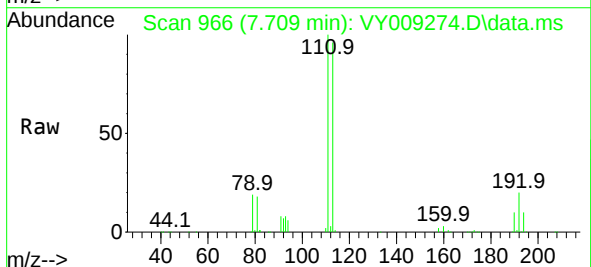
Manual Integrations
APPROVED

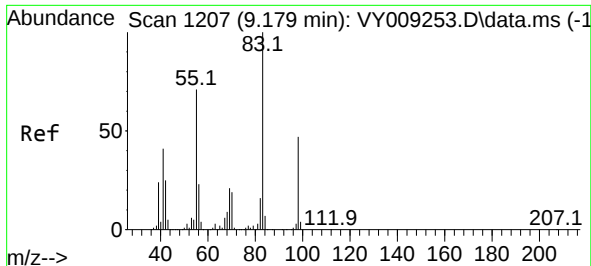
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#35
Dibromofluoromethane
Concen: 53.810 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.007 min
Lab File: VY009274.D
Acq: 22 Jun 2022 15:11

Tgt Ion:113 Resp: 144674
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 21.3 17.6 26.4





#39

Methylcyclohexane

Concen: 1.350 ug/l

RT: 9.179 min Scan# 1207

Delta R.T. -0.000 min

Lab File: VY009274.D

Acq: 22 Jun 2022 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

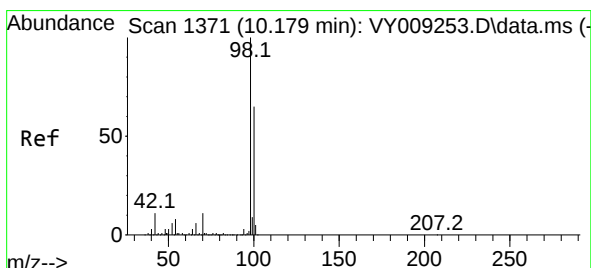
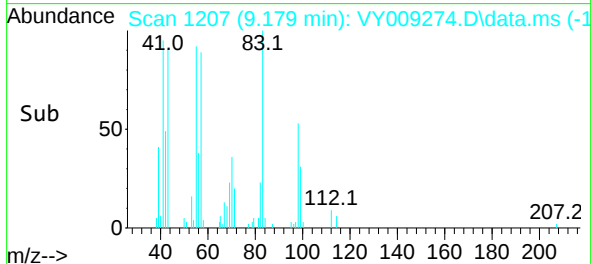
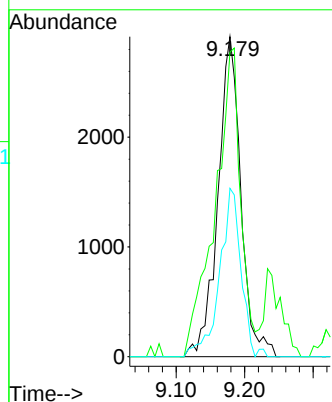
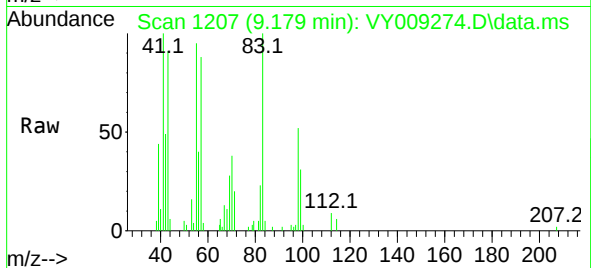
Tgt Ion: 83 Resp: 677

Ion	Ratio	Lower	Upper
83	100		
55	95.2	66.5	99.7
98	52.6	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#50

Toluene-d8

Concen: 45.150 ug/l

RT: 10.178 min Scan# 1371

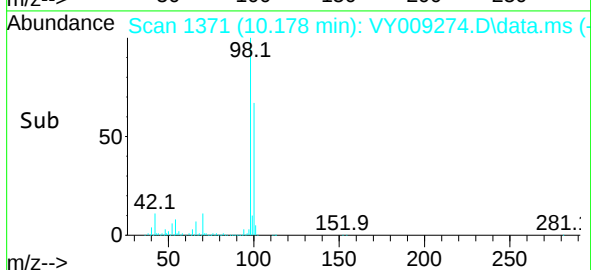
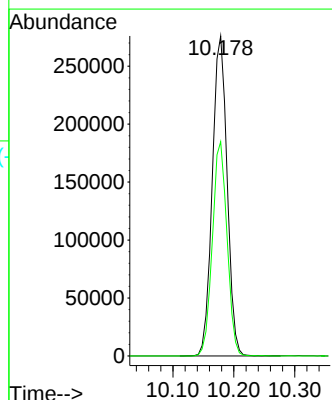
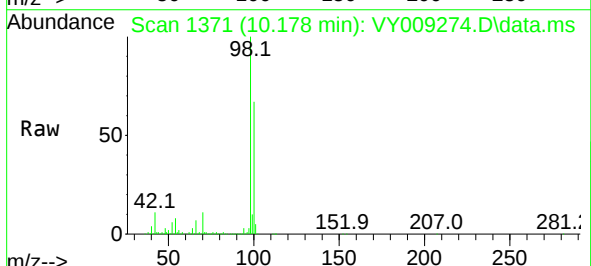
Delta R.T. -0.001 min

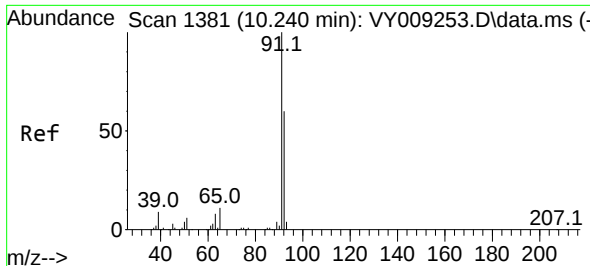
Lab File: VY009274.D

Acq: 22 Jun 2022 15:11

Tgt Ion: 98 Resp: 466314

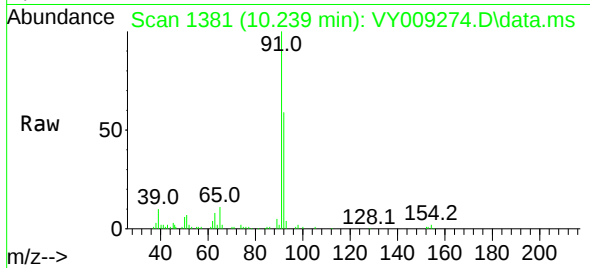
Ion	Ratio	Lower	Upper
98	100		
100	66.1	50.2	75.2





#52
Toluene
Concen: 2.101 ug/l
RT: 10.239 min Scan# 1381
Delta R.T. -0.001 min
Lab File: VY009274.D
Acq: 22 Jun 2022 15:11

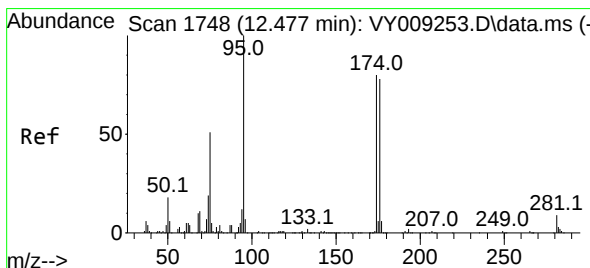
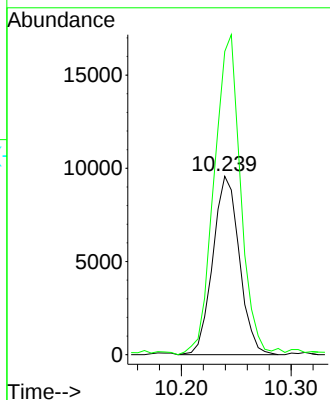
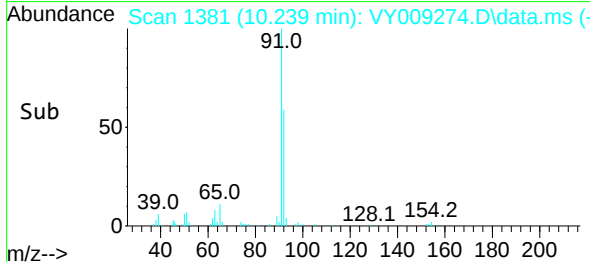
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK



Tgt Ion: 92 Resp: 1607
Ion Ratio Lower Upper
92 100
91 179.5 142.6 213.8

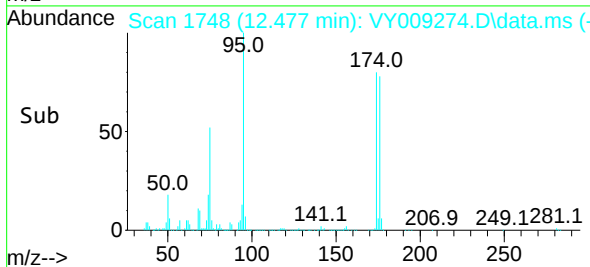
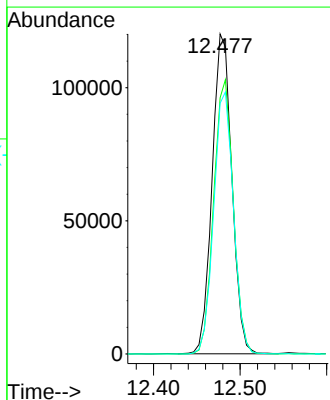
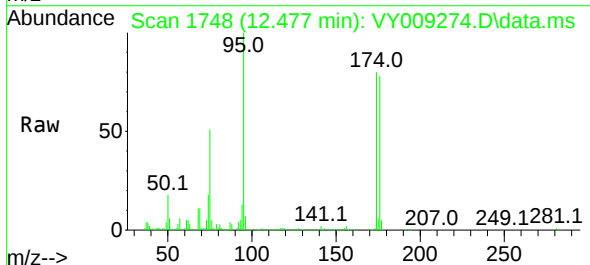
Manual Integrations
APPROVED

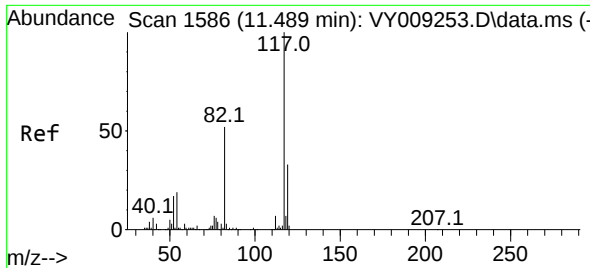
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#62
4-Bromofluorobenzene
Concen: 52.358 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009274.D
Acq: 22 Jun 2022 15:11

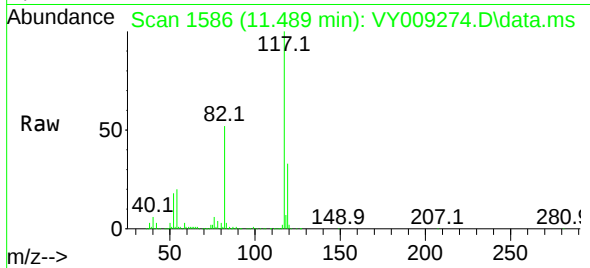
Tgt Ion: 95 Resp: 190018
Ion Ratio Lower Upper
95 100
174 85.2 0.0 177.0
176 82.0 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009274.D
Acq: 22 Jun 2022 15:11

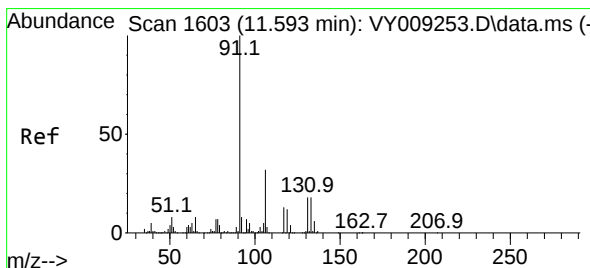
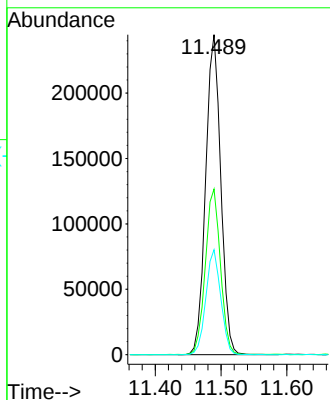
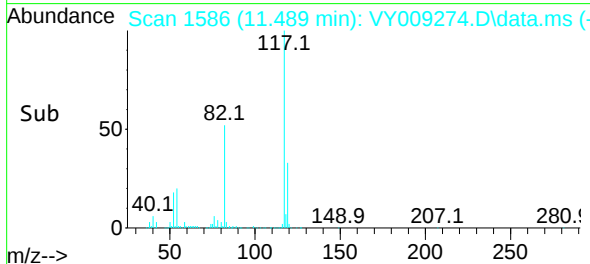
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK



Tgt Ion:117 Resp: 390832
Ion Ratio Lower Upper
117 100
82 51.7 43.0 64.4
119 32.8 25.4 38.0

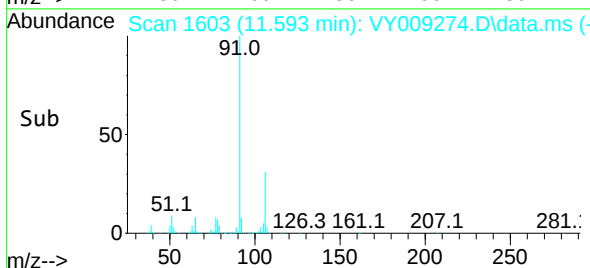
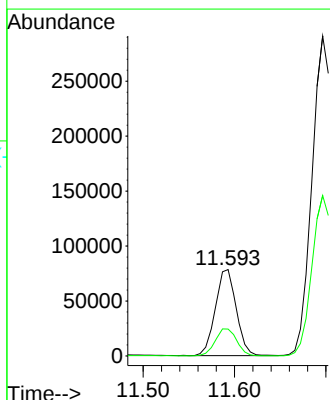
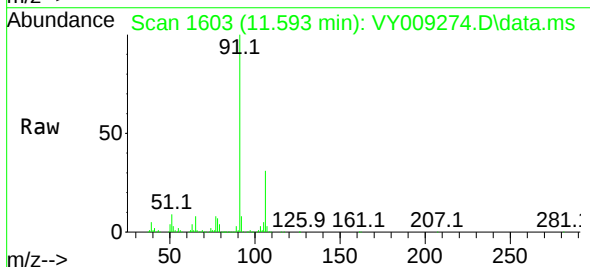
Manual Integrations
APPROVED

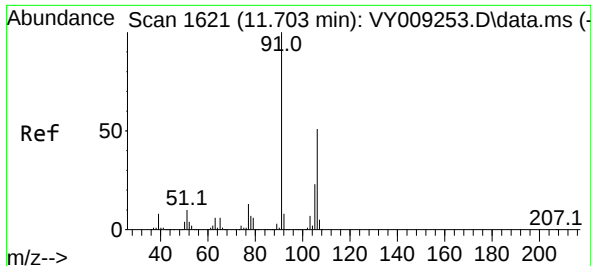
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#67
Ethyl Benzene
Concen: 8.144 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY009274.D
Acq: 22 Jun 2022 15:11

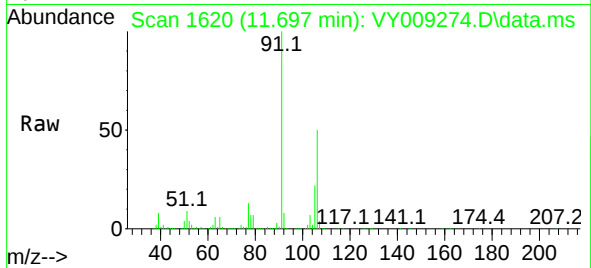
Tgt Ion: 91 Resp: 124272
Ion Ratio Lower Upper
91 100
106 31.2 24.5 36.7





#68
m/p-Xylenes
Concen: 43.095 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY009274.D
Acq: 22 Jun 2022 15:11

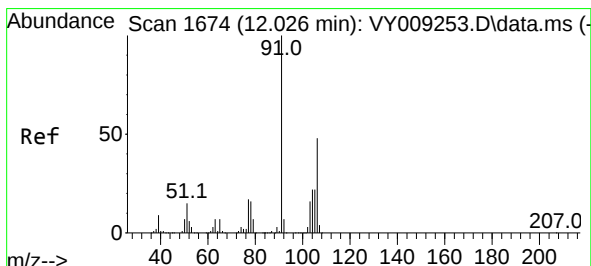
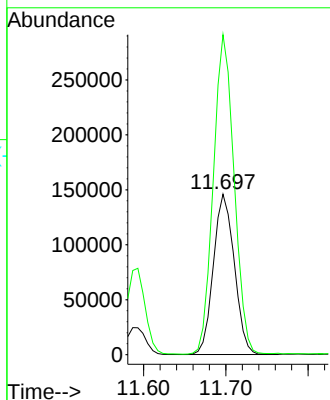
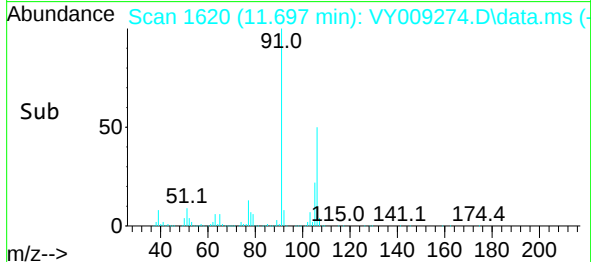
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK



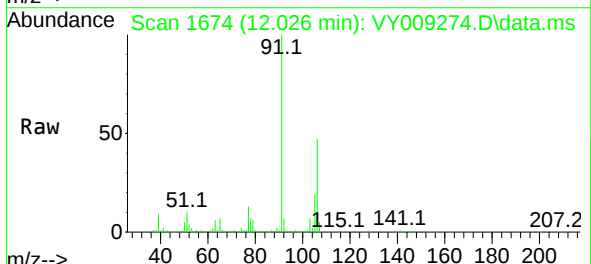
Tgt Ion:106 Resp: 258030
Ion Ratio Lower Upper
106 100
91 197.6 166.6 249.8

Manual Integrations
APPROVED

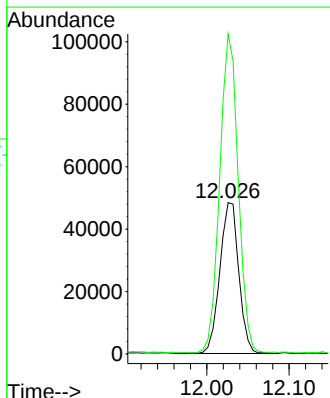
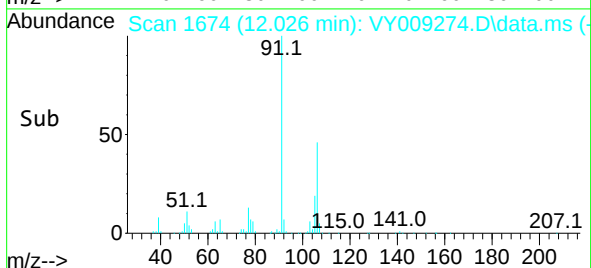
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

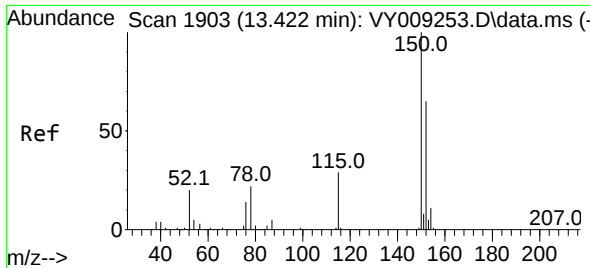


#69
o-Xylene
Concen: 13.619 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY009274.D
Acq: 22 Jun 2022 15:11



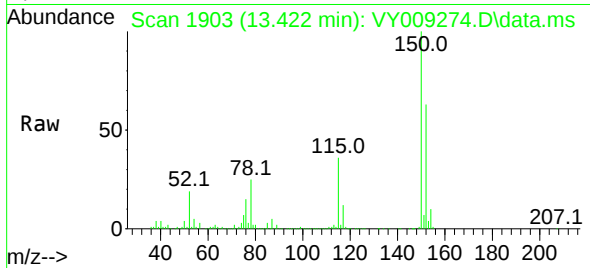
Tgt Ion:106 Resp: 77543
Ion Ratio Lower Upper
106 100
91 206.2 110.3 331.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009274.D
Acq: 22 Jun 2022 15:11

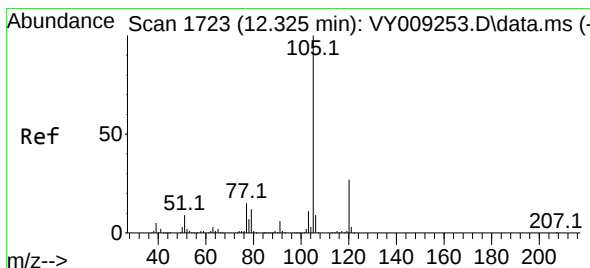
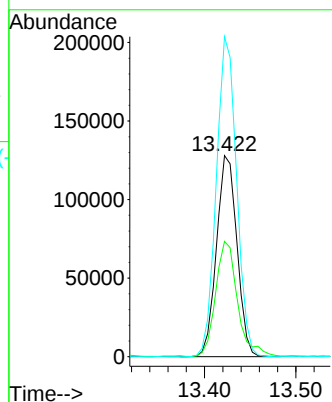
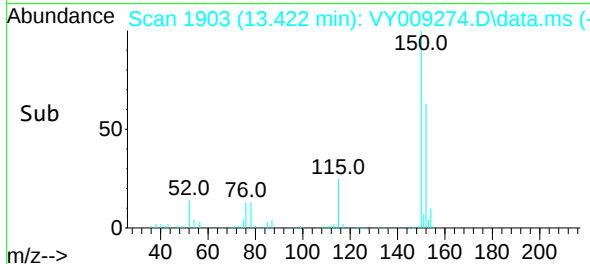
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK



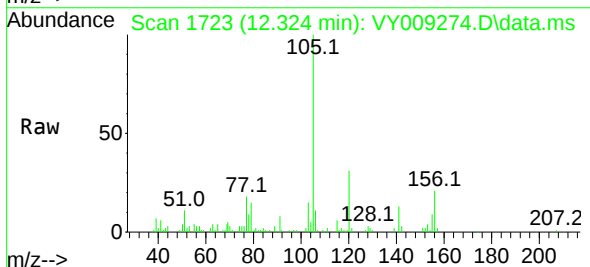
Tgt Ion:152 Resp: 19905
Ion Ratio Lower Upper
152 100
115 61.2 28.2 84.7
150 157.7 0.0 347.6

Manual Integrations
APPROVED

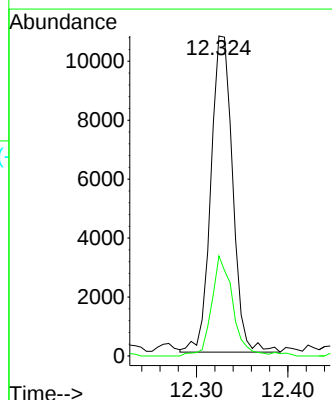
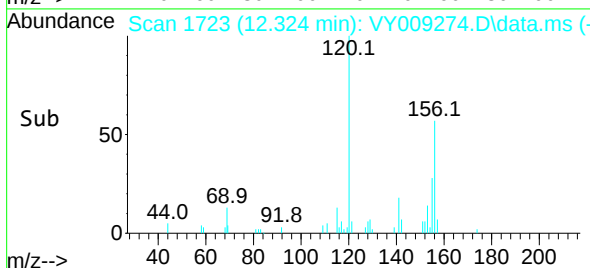
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

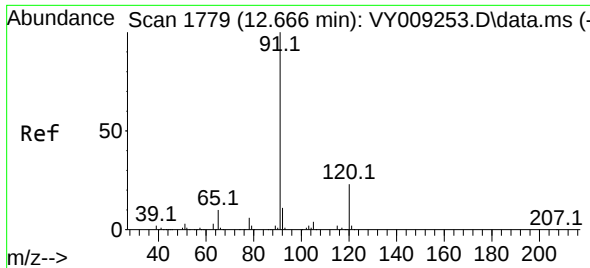


#73
Isopropylbenzene
Concen: 1.137 ug/l
RT: 12.324 min Scan# 1723
Delta R.T. -0.001 min
Lab File: VY009274.D
Acq: 22 Jun 2022 15:11



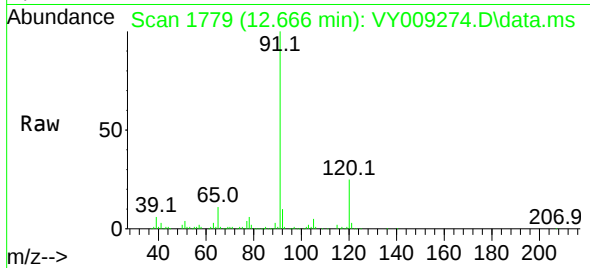
Tgt Ion:105 Resp: 17758
Ion Ratio Lower Upper
105 100
120 30.6 13.4 40.2





#78
n-propylbenzene
Concen: 6.768 ug/l
RT: 12.666 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009274.D
Acq: 22 Jun 2022 15:11

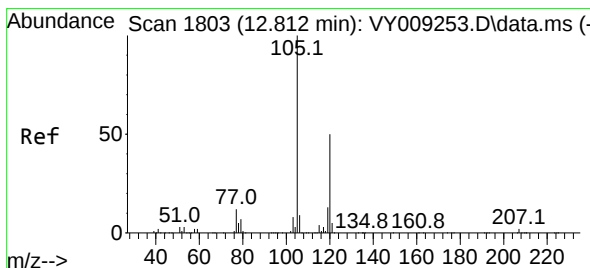
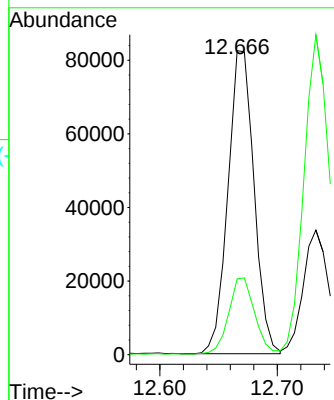
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK



Tgt Ion: 91 Resp: 12734
Ion Ratio Lower Upper
91 100
120 25.1 11.3 33.9

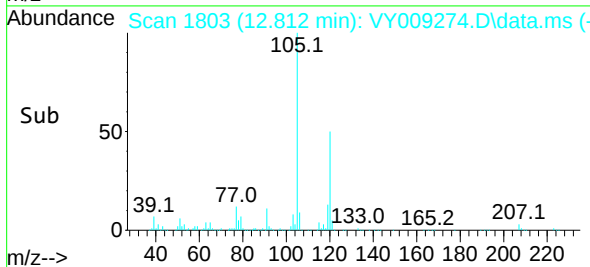
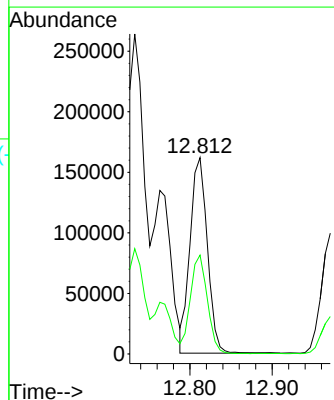
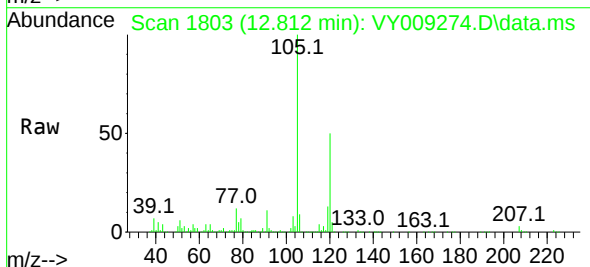
Manual Integrations
APPROVED

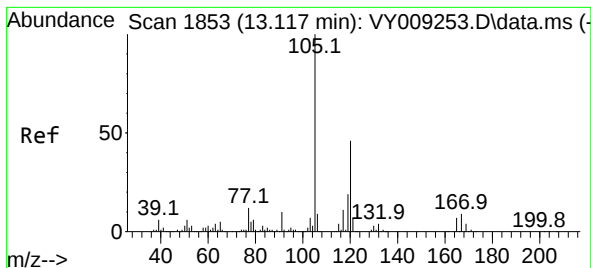
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#80
1,3,5-Trimethylbenzene
Concen: 18.255 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY009274.D
Acq: 22 Jun 2022 15:11

Tgt Ion:105 Resp: 236659
Ion Ratio Lower Upper
105 100
120 49.1 24.4 73.4





#84

1,2,4-Trimethylbenzene

Concen: 68.006 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY009274.D

Acq: 22 Jun 2022 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

Tgt Ion:105 Resp: 86397

Ion Ratio Lower Upper

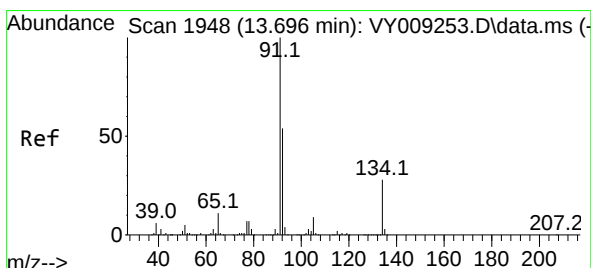
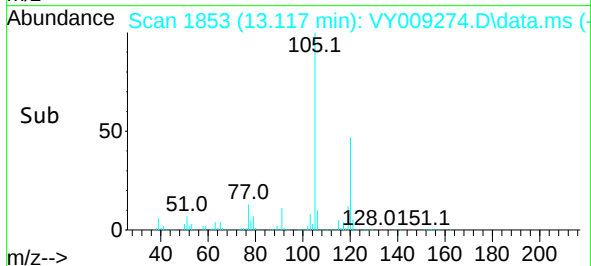
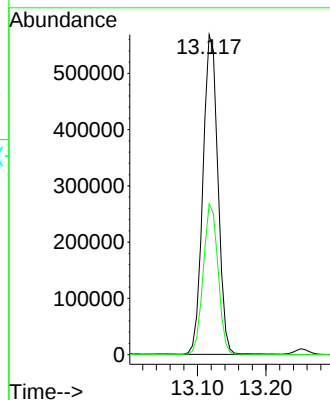
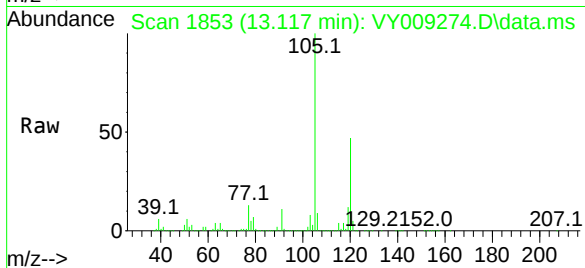
105 100

120 46.7 22.3 66.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#89

n-Butylbenzene

Concen: 3.693 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY009274.D

Acq: 22 Jun 2022 15:11

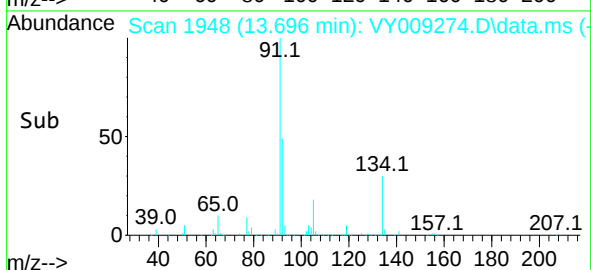
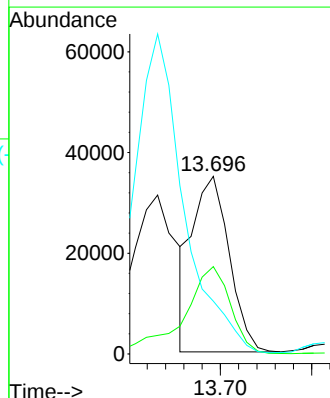
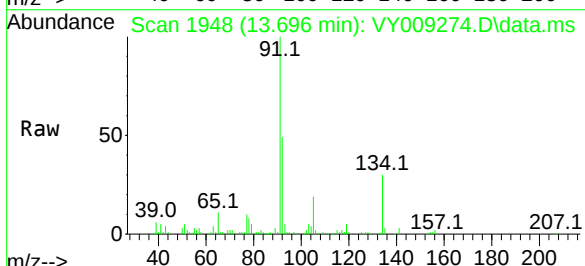
Tgt Ion: 91 Resp: 48375

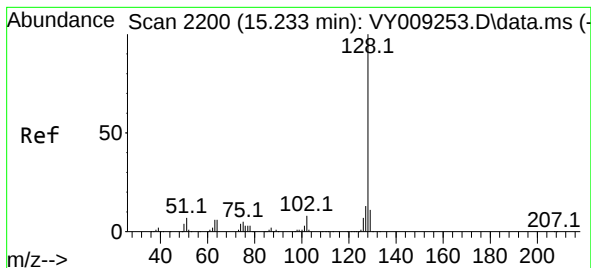
Ion Ratio Lower Upper

91 100

92 63.3 26.3 78.9

134 0.0 13.0 38.9#





#95

Naphthalene

Concen: 54.419 ug/l

RT: 15.232 min Scan# 21

Delta R.T. -0.001 min

Lab File: VY009274.D

Acq: 22 Jun 2022 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

Tgt Ion:128 Resp: 439979

Ion Ratio Lower Upper

128 100

127 13.1 11.0 16.4

129 11.1 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

