

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020322\
 Data File : VY007380.D
 Acq On : 03 Feb 2022 16:51
 Operator : SY/MD
 Sample : N1381-09
 Misc : 6.30g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-09(10-15)-02-02-22

Quant Time: Feb 04 08:41:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/04/2022
 Supervised By :Semsettin Yesilyurt 02/07/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	103557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	184010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	112527	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.404	152	145589m	50.000	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	55956	46.976	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.960%		
35) Dibromofluoromethane	7.716	113	59102	50.019	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.040%		
50) Toluene-d8	10.179	98	368097	84.321	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	168.640%#		
62) 4-Bromofluorobenzene	12.477	95	575453	387.834	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	775.660%#		
Target Compounds						
16) Acetone	3.936	43	9774	25.265	ug/l	91
25) 2-Butanone	6.978	43	4989	10.674	ug/l #	79
31) Cyclohexane	7.789	56	15104	6.498	ug/l #	82
39) Methylcyclohexane	9.179	83	360861	139.103	ug/l	98
43) Isopropyl Acetate	8.264	43	42999	22.388	ug/l #	56
73) Isopropylbenzene	12.331	105	1065392	80.070	ug/l	98
78) n-propylbenzene	12.672	91	354744	22.011	ug/l	84
83) tert-Butylbenzene	13.074	119	236081	24.984	ug/l	70
85) sec-Butylbenzene	13.257	105	2764263	195.031	ug/l	87
89) n-Butylbenzene	13.696	91	106594	9.592	ug/l	91

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

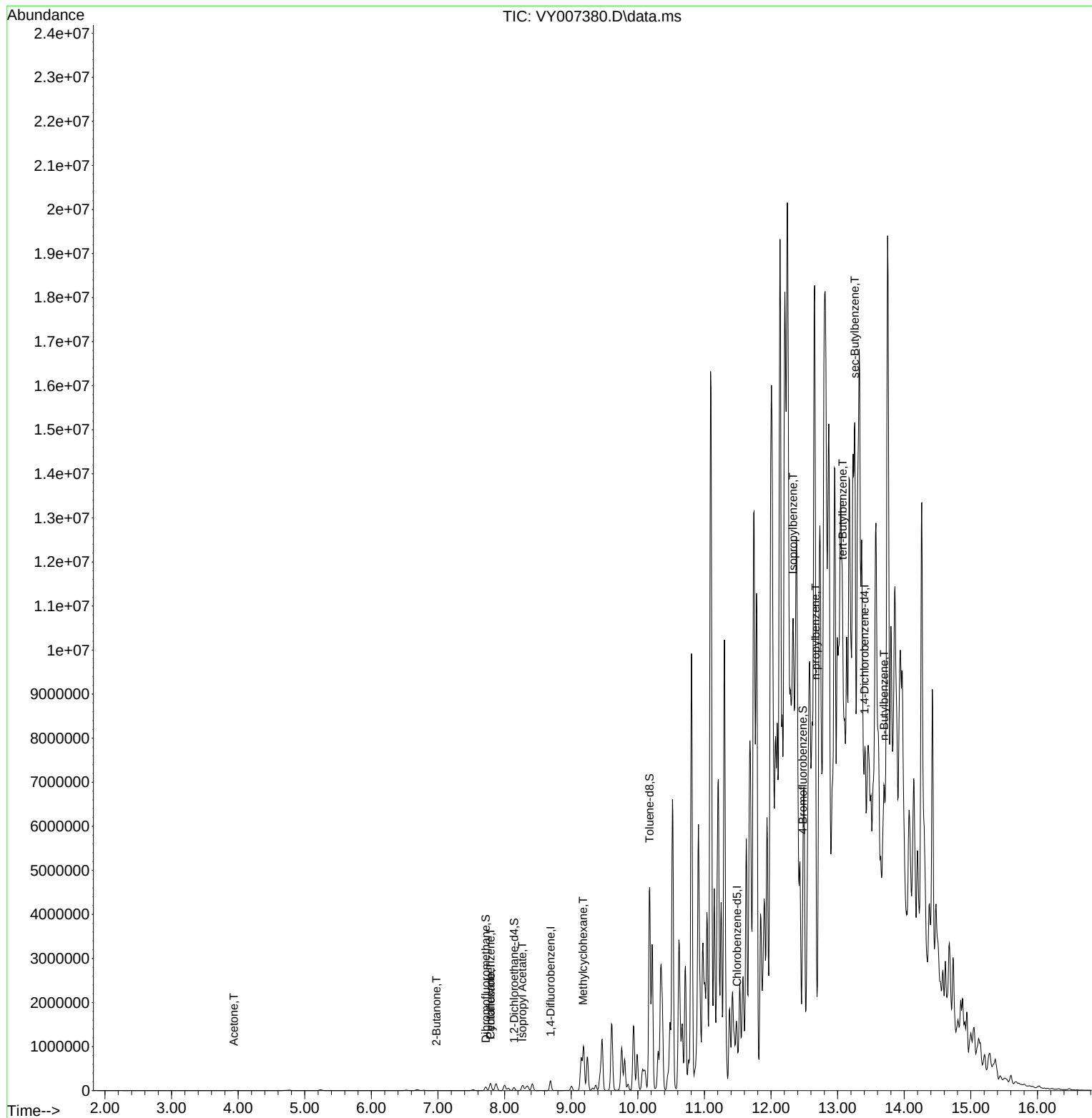
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020322\
Data File : VY007380.D
Acq On : 03 Feb 2022 16:51
Operator : SY/MD
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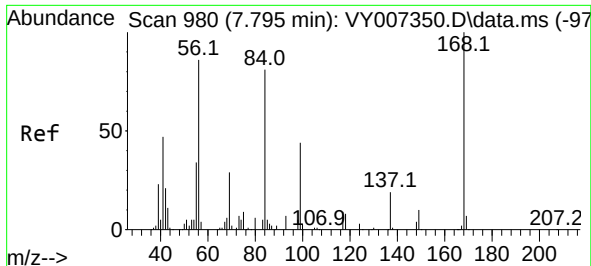
Instrument :
MSVOA_Y
ClientSampleId :
DB-09(10-15)-02-02-22

Quant Time: Feb 04 08:41:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 03 04:36:48 2022
Response via : Initial Calibration

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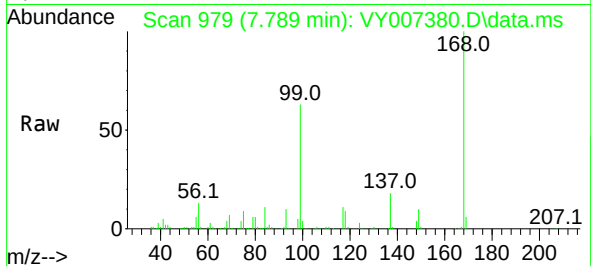
Reviewed By :Mahesh Dadoda 02/04/2022
Supervised By :Semsettin Yesilyurt 02/07/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

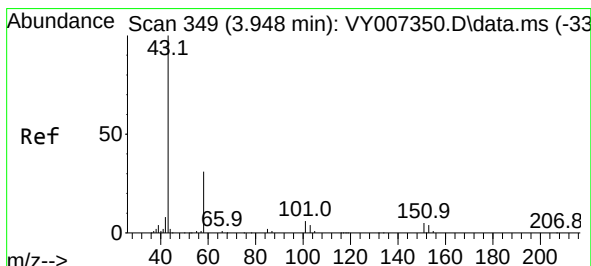
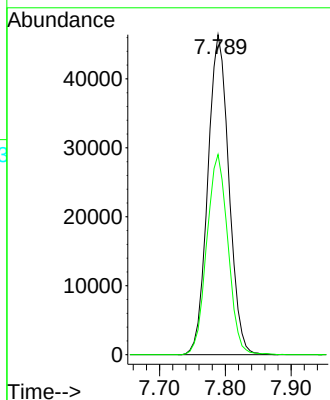
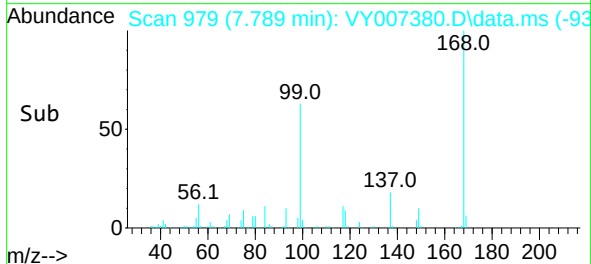
Instrument :
MSVOA_Y
ClientSampleId :
DB-09(10-15)-02-02-22



Tgt Ion:168 Resp: 10355
Ion Ratio Lower Upper
168 100
99 62.6 46.9 70.3

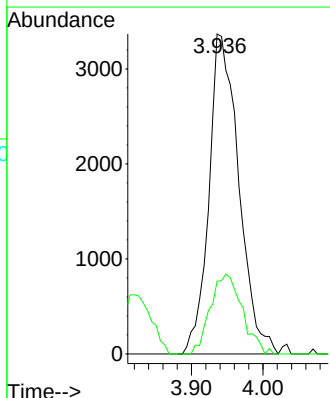
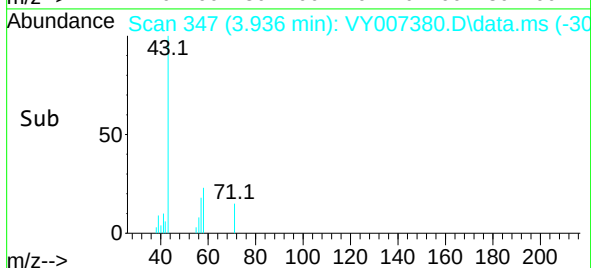
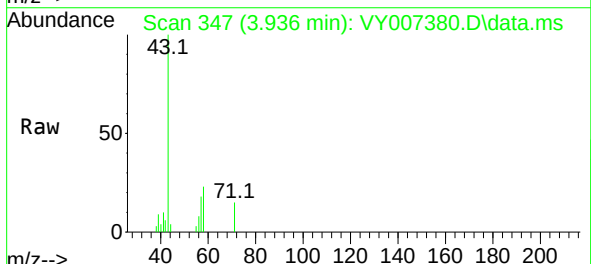
Manual Integrations
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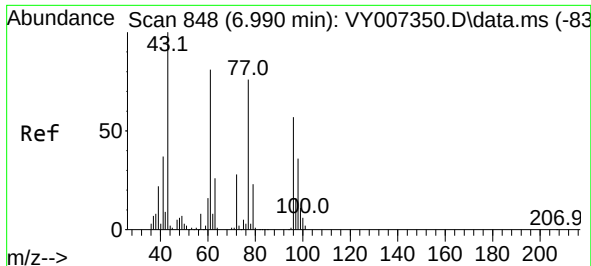
Reviewed By :Mahesh Dadoda 02/04/2022
Supervised By :Semsettin Yesilyurt 02/07/2022



#16
Acetone
Concen: 25.265 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

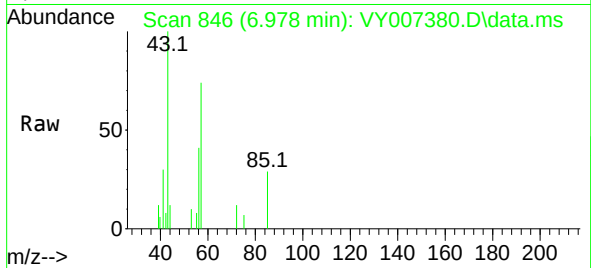
Tgt Ion: 43 Resp: 9774
Ion Ratio Lower Upper
43 100
58 22.7 22.0 33.0





#25
2-Butanone
Concen: 10.674 ug/l
RT: 6.978 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

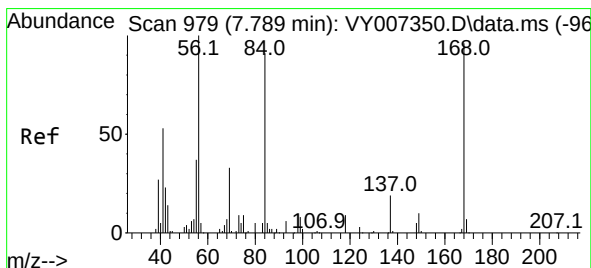
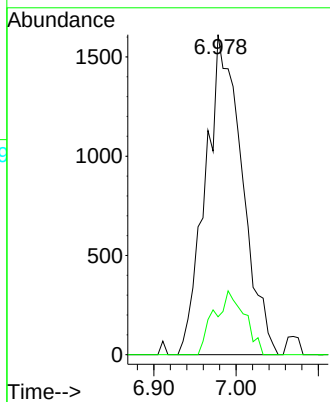
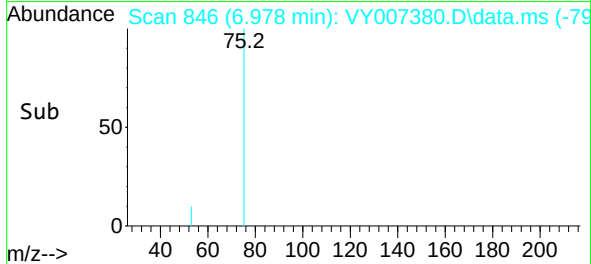
Instrument :
MSVOA_Y
ClientSampleId :
DB-09(10-15)-02-02-22



Tgt Ion: 43 Resp: 4989
Ion Ratio Lower Upper
43 100
72 11.8 17.7 26.5

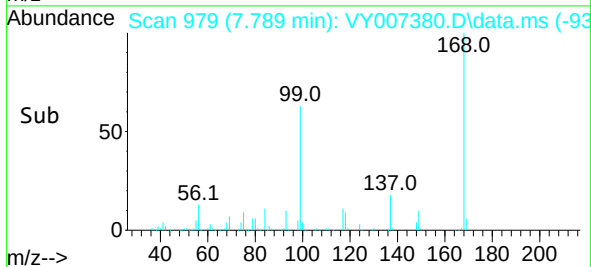
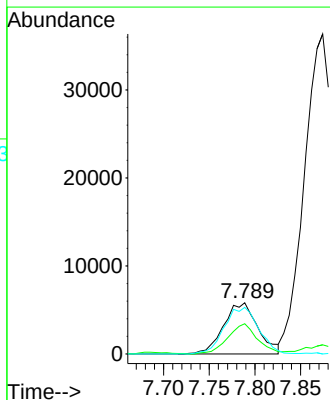
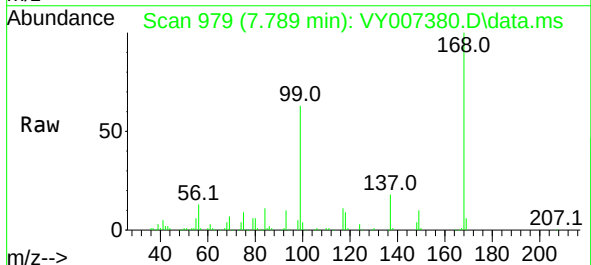
Manual Integrations
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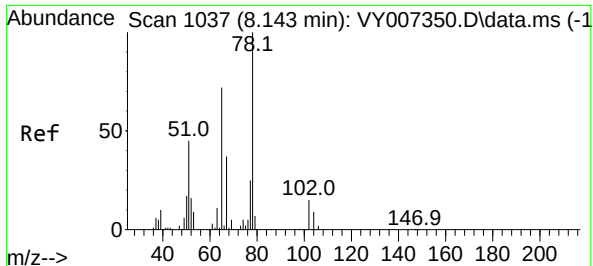
Reviewed By :Mahesh Dadoda 02/04/2022
Supervised By :Semsettin Yesilyurt 02/07/2022



#31
Cyclohexane
Concen: 6.498 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

Tgt Ion: 56 Resp: 15104
Ion Ratio Lower Upper
56 100
69 58.3 26.7 40.1#
84 91.0 67.2 100.8





#33

1,2-Dichloroethane-d4

Concen: 46.976 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007380.D

Acq: 03 Feb 2022 16:51

Instrument :

MSVOA_Y

ClientSampleId :

DB-09(10-15)-02-02-22

Tgt Ion: 65 Resp: 5595

Ion Ratio Lower Upper

65 100

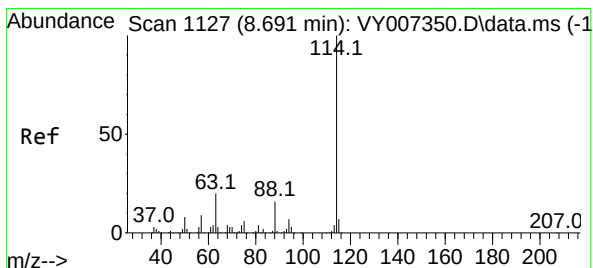
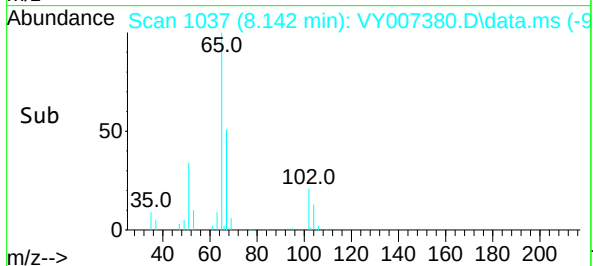
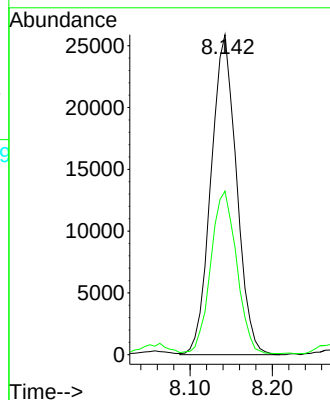
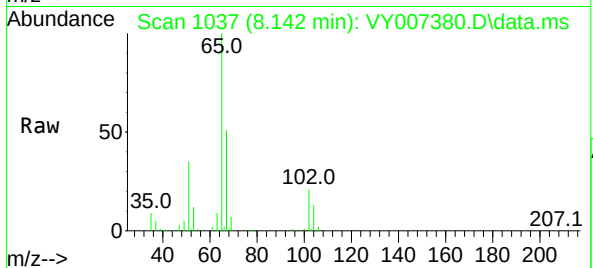
67 51.4 0.0 99.4

Manual Integrations

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Supervised By :Semsettin Yesilyurt 02/07/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY007380.D

Acq: 03 Feb 2022 16:51

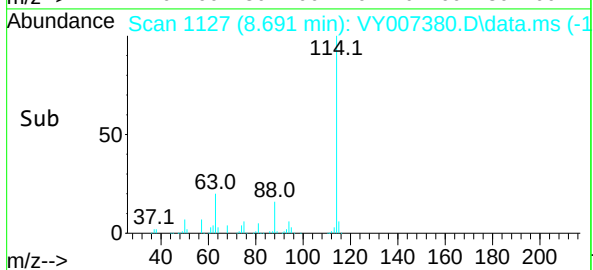
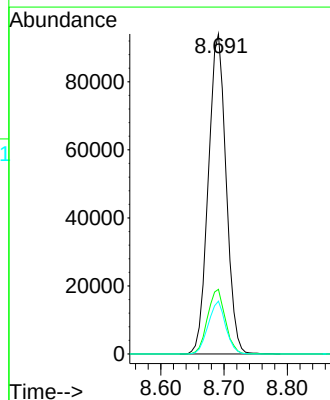
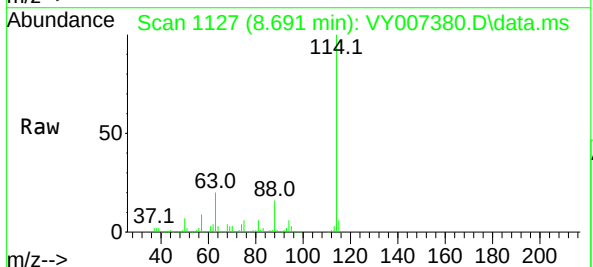
Tgt Ion:114 Resp: 184010

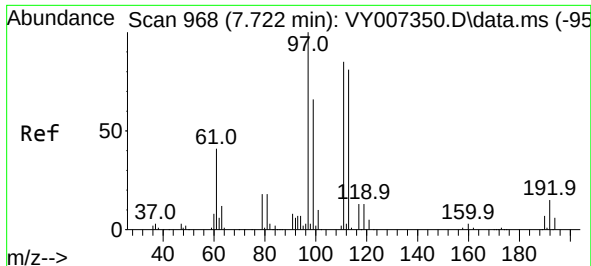
Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.2

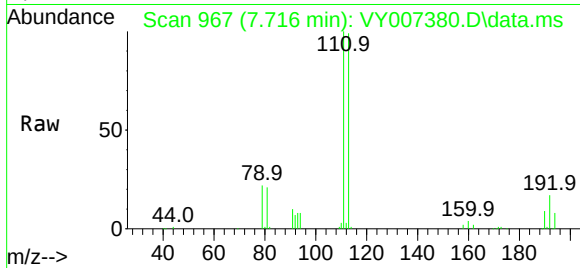
88 16.5 0.0 31.8





#35
Dibromofluoromethane
Concen: 50.019 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

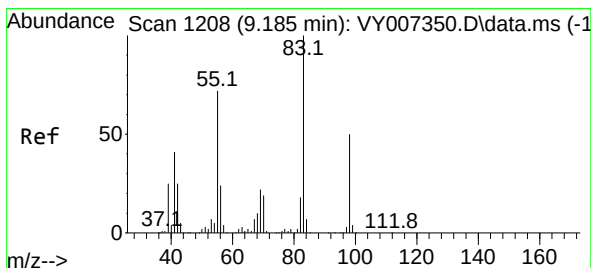
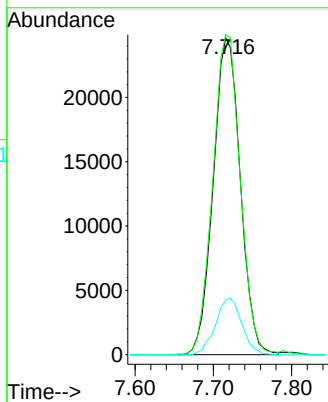
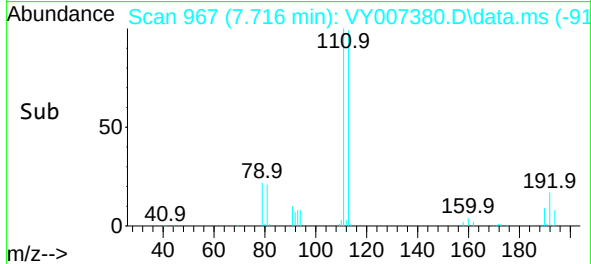
Instrument :
MSVOA_Y
ClientSampleId :
DB-09(10-15)-02-02-22



Tgt Ion:113 Resp: 5910
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 17.4 17.6 26.4

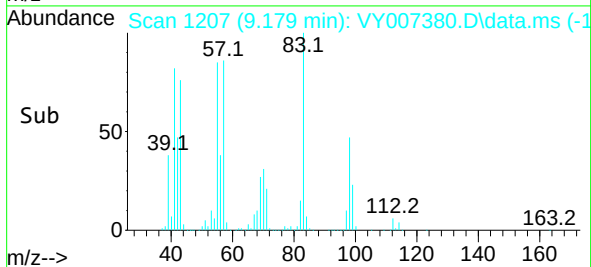
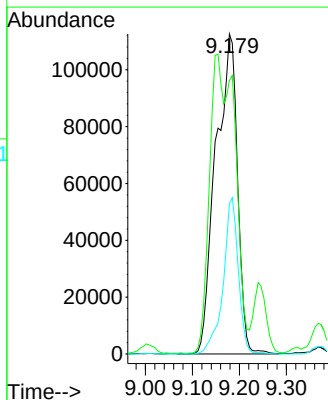
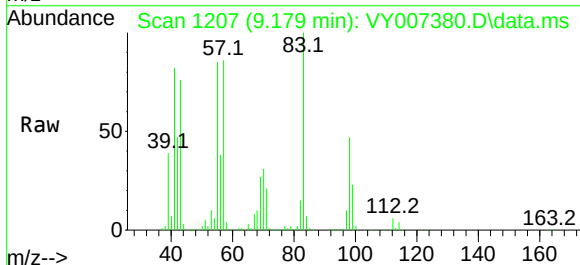
Manual Integrations
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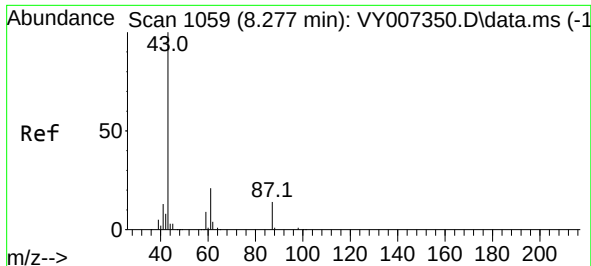
Reviewed By :Mahesh Dadoda 02/04/2022
Supervised By :Semsettin Yesilyurt 02/07/2022



#39
Methylcyclohexane
Concen: 139.103 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.006 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

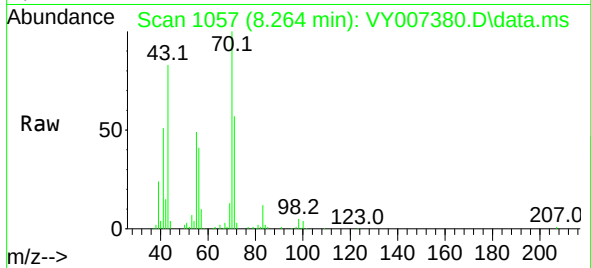
Tgt Ion: 83 Resp: 360861
Ion Ratio Lower Upper
83 100
55 85.2 66.5 99.7
98 46.9 37.9 56.9





#43
Isopropyl Acetate
Concen: 22.388 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.012 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

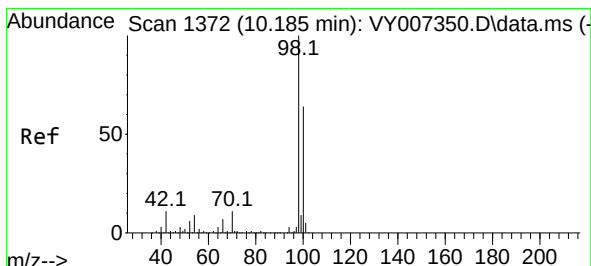
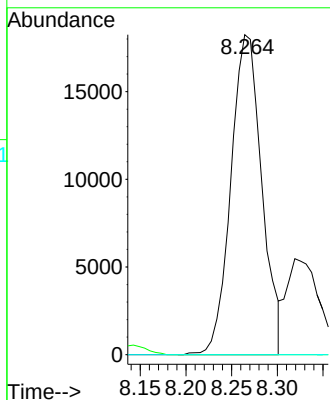
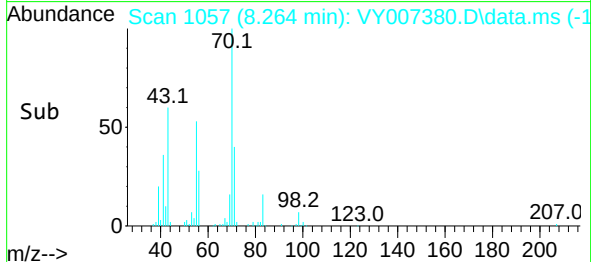
Instrument : MSVOA_Y
ClientSampleId : DB-09(10-15)-02-02-22



Tgt Ion: 43 Resp: 42999
Ion Ratio Lower Upper
43 100
61 0.0 20.2 30.2
87 0.0 8.9 13.3

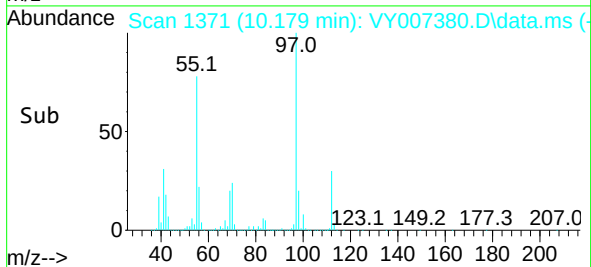
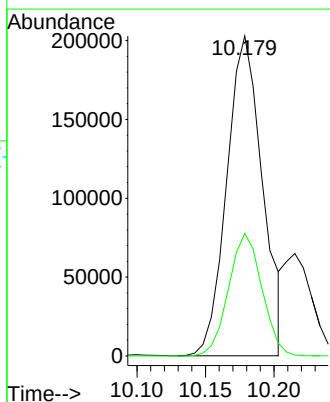
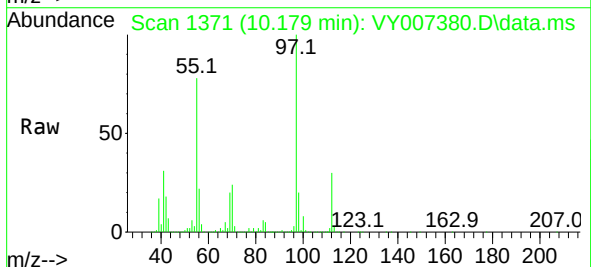
Manual Integrations
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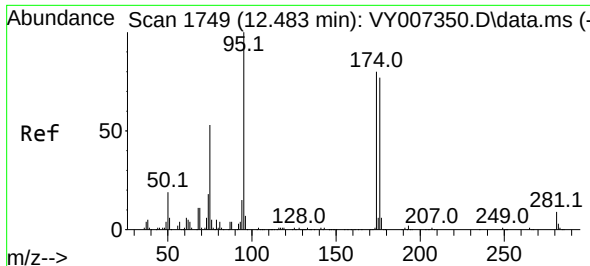
Reviewed By :Mahesh Dadoda 02/04/2022
Supervised By :Semsettin Yesilyurt 02/07/2022



#50
Toluene-d8
Concen: 84.321 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

Tgt Ion: 98 Resp: 368097
Ion Ratio Lower Upper
98 100
100 35.8 50.2 75.2





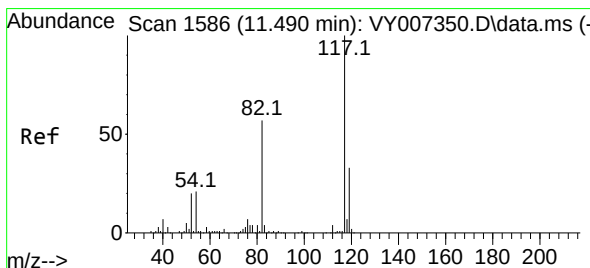
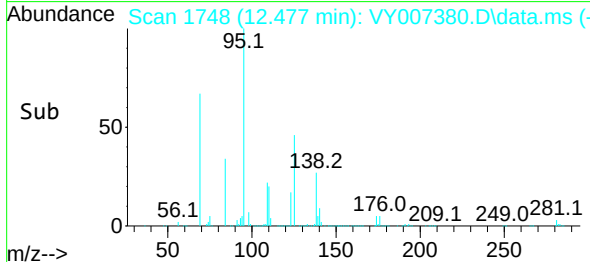
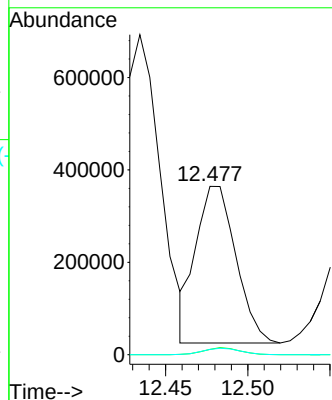
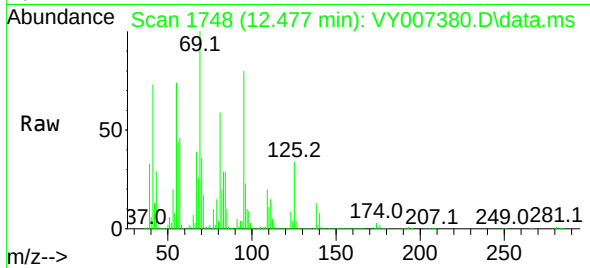
#62
4-Bromofluorobenzene
Concen: 387.834 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

Instrument :
MSVOA_Y
ClientSampleId :
DB-09(10-15)-02-02-22

Tgt Ion: 95 Resp: 57545
Ion Ratio Lower Upper
95 100
174 4.0 0.0 177.0
176 3.9 0.0 175.8

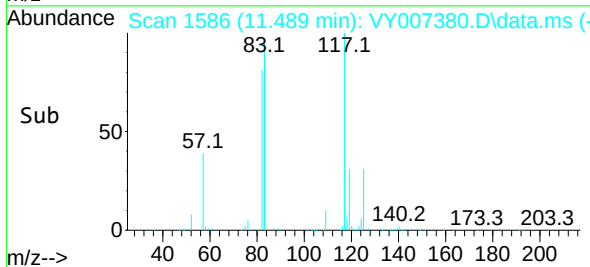
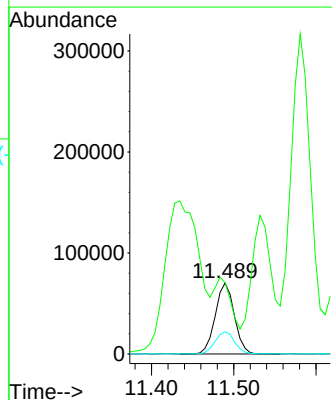
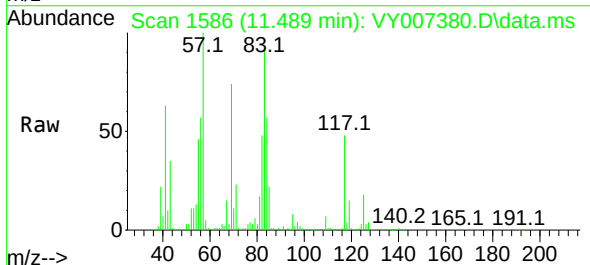
Manual Integrations
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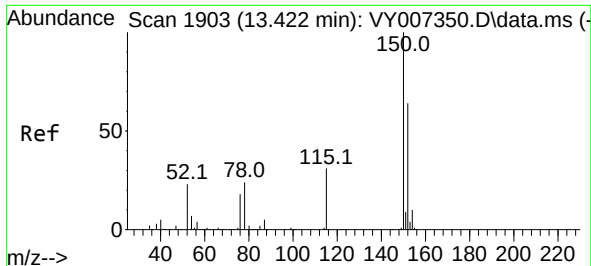
Reviewed By :Mahesh Dadoda 02/04/2022
Supervised By :Semsettin Yesilyurt 02/07/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

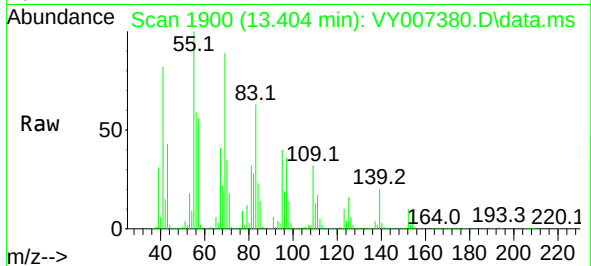
Tgt Ion:117 Resp: 112527
Ion Ratio Lower Upper
117 100
82 33.4 43.0 64.4#
119 31.1 25.4 38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l m
RT: 13.404 min Scan# 1900
Delta R.T. -0.018 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

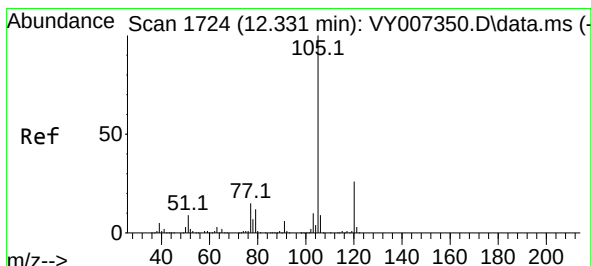
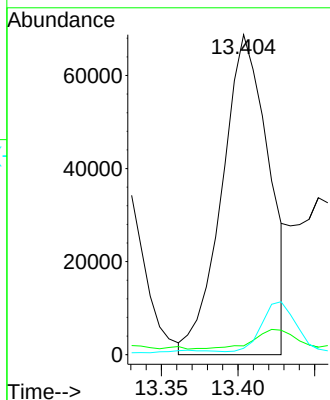
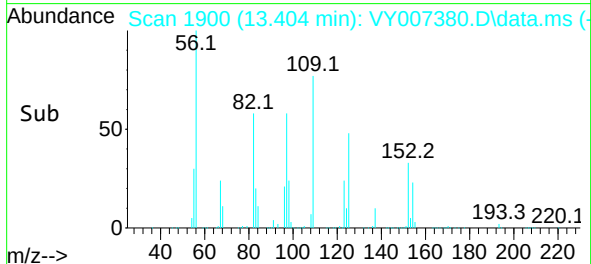
Instrument :
MSVOA_Y
ClientSampleId :
DB-09(10-15)-02-02-22



Tgt Ion:152 Resp: 145589
Ion Ratio Lower Upper
152 100
115 22.7 28.2 84.7
150 1.0 0.0 347.6

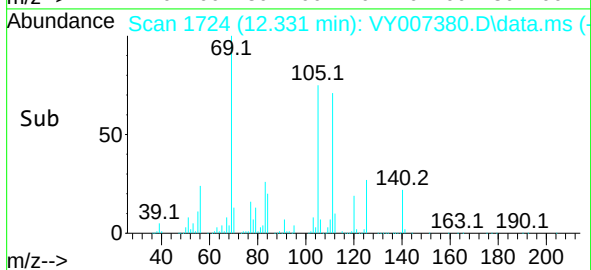
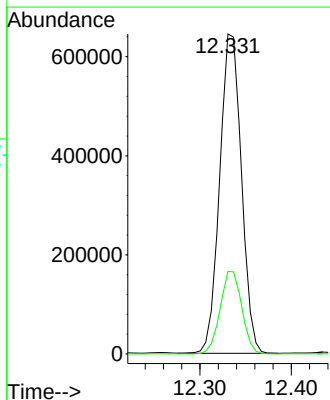
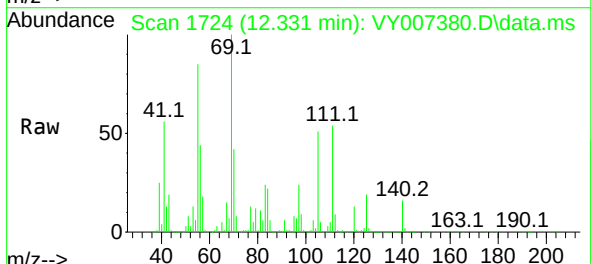
Manual Integrations
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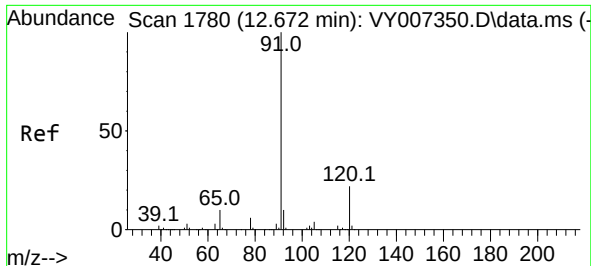
Reviewed By :Mahesh Dadoda 02/04/2022
Supervised By :Semsettin Yesilyurt 02/07/2022



#73
Isopropylbenzene
Concen: 80.070 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

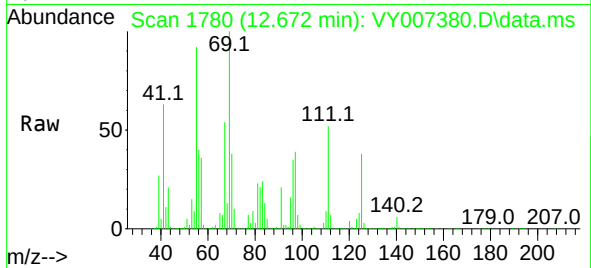
Tgt Ion:105 Resp: 1065392
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.2





#78
n-propylbenzene
Concen: 22.011 ug/l
RT: 12.672 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

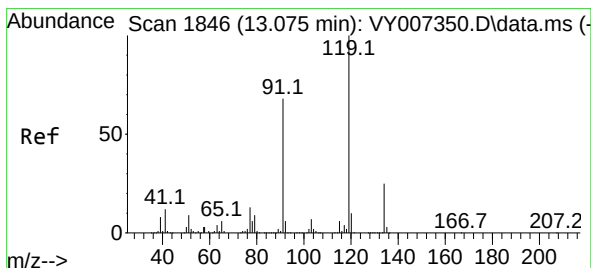
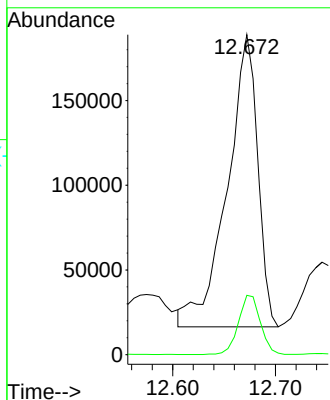
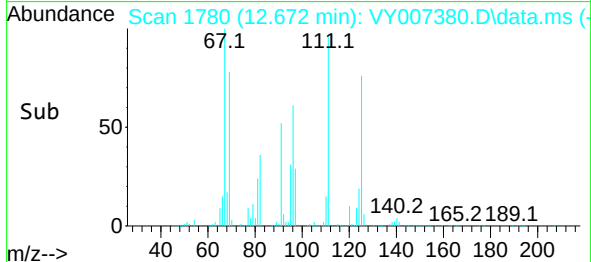
Instrument :
MSVOA_Y
ClientSampleId :
DB-09(10-15)-02-02-22



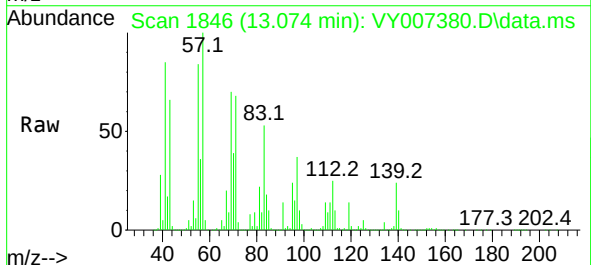
Tgt Ion: 91 Resp: 354744
Ion Ratio Lower Upper
91 100
120 14.7 11.3 33.9

Manual Integrations
APPROVED

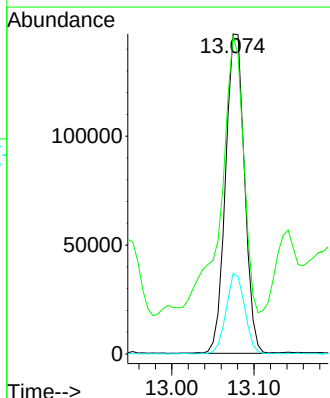
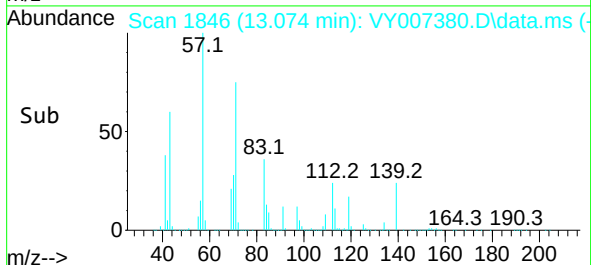
Reviewed By :Mahesh Dadoda 02/04/2022
Supervised By :Semsettin Yesilyurt 02/07/2022

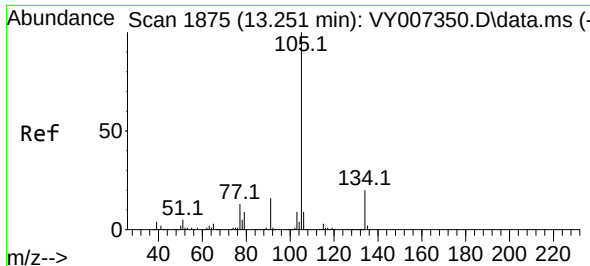


#83
tert-Butylbenzene
Concen: 24.984 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51



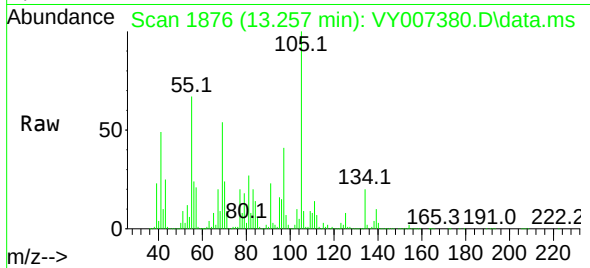
Tgt Ion:119 Resp: 236081
Ion Ratio Lower Upper
119 100
91 102.0 34.8 104.4
134 24.6 13.3 39.9





#85
sec-Butylbenzene
Concen: 195.031 ug/l
RT: 13.257 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

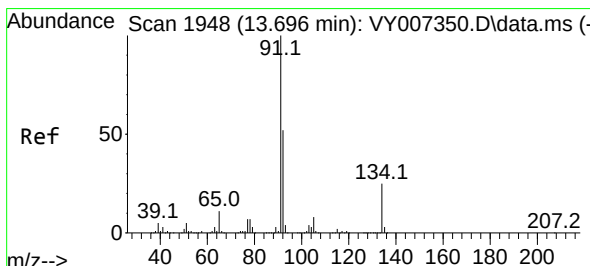
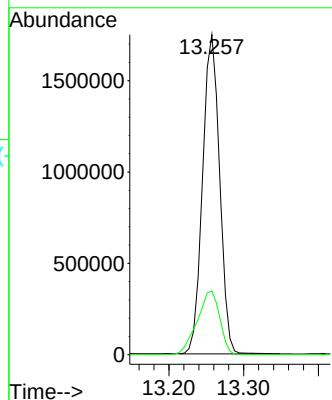
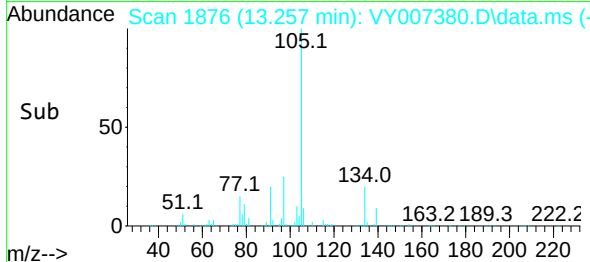
Instrument :
MSVOA_Y
ClientSampleId :
DB-09(10-15)-02-02-22



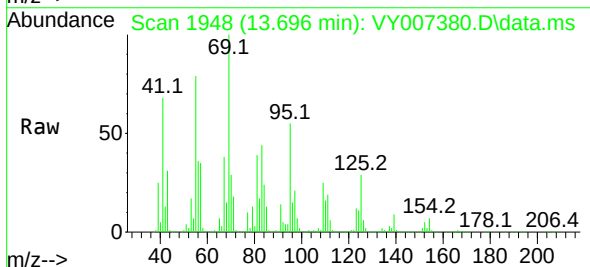
Tgt Ion:105 Resp: 276426
Ion Ratio Lower Upper
105 100
134 26.4 10.2 30.4

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/04/2022
Supervised By :Semsettin Yesilyurt 02/07/2022



#89
n-Butylbenzene
Concen: 9.592 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51



Tgt Ion: 91 Resp: 106594
Ion Ratio Lower Upper
91 100
92 47.2 26.3 78.9
134 20.4 13.0 38.9

