

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070522\
 Data File : VY009440.D
 Acq On : 05 Jul 2022 16:18
 Operator : KP/MD
 Sample : N3564-34
 Misc : 6.92g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-16-2-3-GR

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/06/2022
 Supervised By :Mahesh Dadoda 07/06/2022

Quant Time: Jul 06 04:51:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	180545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	312114	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	267116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	76212	52.702	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.400%			
35) Dibromofluoromethane	7.710	113	67865	39.507	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 79.020%			
50) Toluene-d8	10.173	98	356191	67.630	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 135.260%#			
62) 4-Bromofluorobenzene	12.471	95	129110	51.688	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 103.380%			
Target Compounds						Qvalue
16) Acetone	3.942	43	31515	66.358	ug/l	91
17) Carbon Disulfide	4.180	76	14971	3.316	ug/l	99
25) 2-Butanone	6.978	43	13726	18.230	ug/l	99
31) Cyclohexane	7.771	56	334755	102.919	ug/l	96
39) Methylcyclohexane	9.179	83	1235200	347.474	ug/l	91
52) Toluene	10.240	92	8838	1.595	ug/l	93
65) Chlorobenzene	11.514	112	97581	17.073	ug/l	99
67) Ethyl Benzene	11.587	91	15287	1.542	ug/l	96
68) m/p-Xylenes	11.697	106	20154	5.083	ug/l #	66
69) o-Xylene	12.026	106	42093	11.250	ug/l	92
73) Isopropylbenzene	12.325	105	416385	51.287	ug/l	99
78) n-propylbenzene	12.666	91	710073	71.899	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	365709	53.865	ug/l	99
83) tert-Butylbenzene	13.075	119	29854	5.234	ug/l	72
84) 1,2,4-Trimethylbenzene	13.117	105	1256582	194.767	ug/l	97
85) sec-Butylbenzene	13.251	105	383121	44.593	ug/l #	67
86) p-Isopropyltoluene	13.367	119	45371m	6.280	ug/l	
89) n-Butylbenzene	13.690	91	437182	64.402	ug/l #	76

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

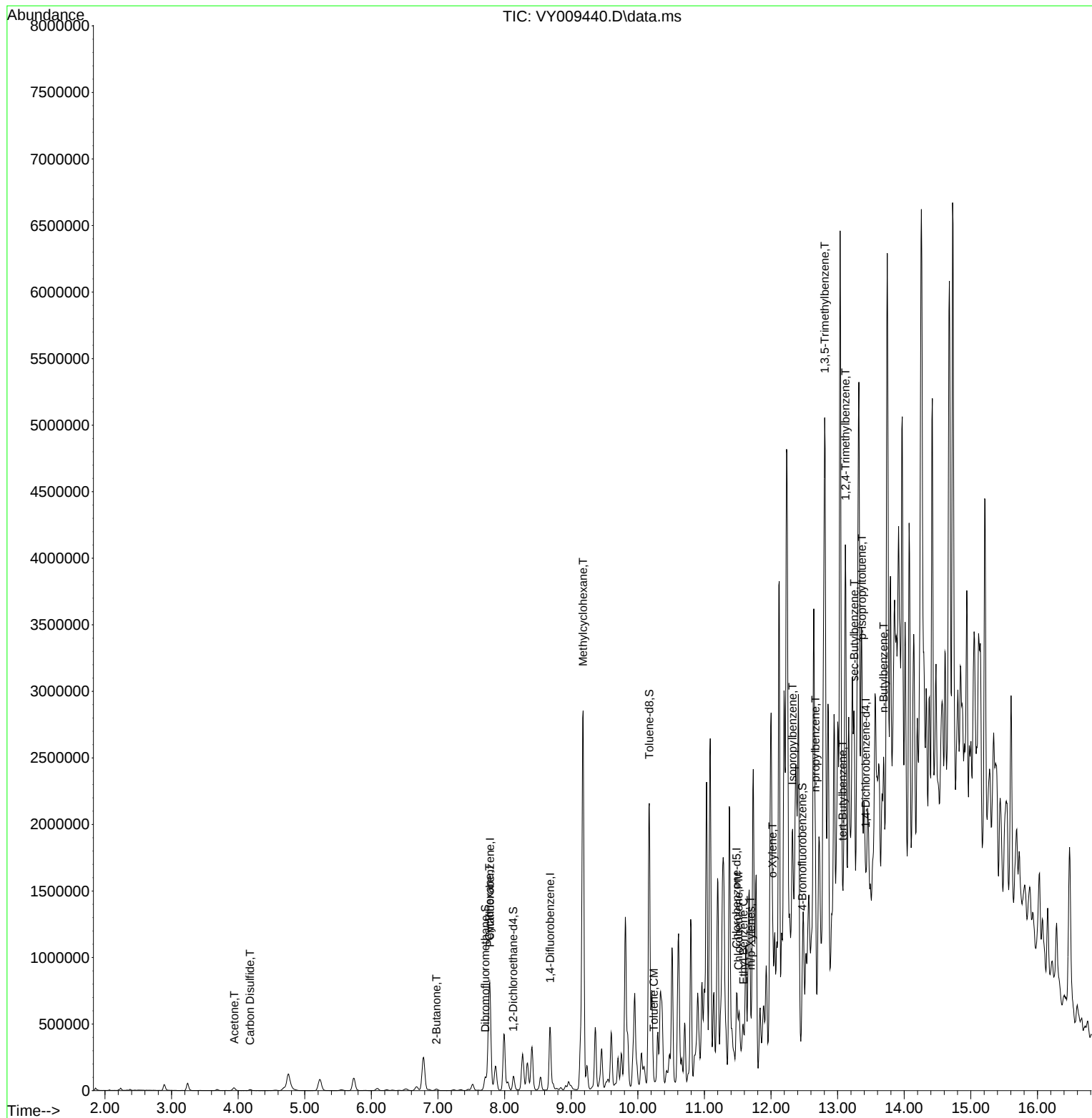
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070522\
Data File : VY009440.D
Acq On : 05 Jul 2022 16:18
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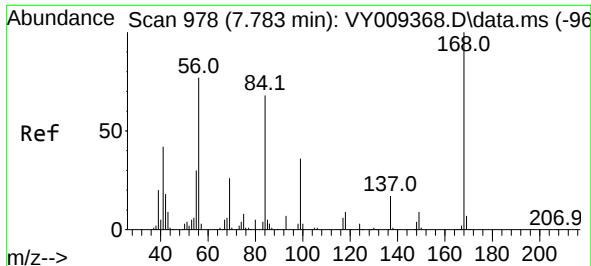
Instrument :
MSVOA_Y
ClientSampleId :
WC-16-2-3-GR

Quant Time: Jul 06 04:51:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 17:35:34 2022
Response via : Initial Calibration

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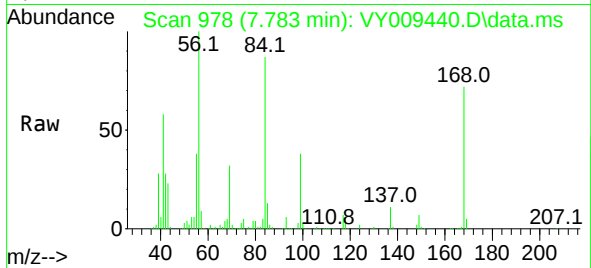
Reviewed By :Semsettin Yesilyurt 07/06/2022
Supervised By :Mahesh Dadoda 07/06/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009440.D
Acq: 05 Jul 2022 16:18

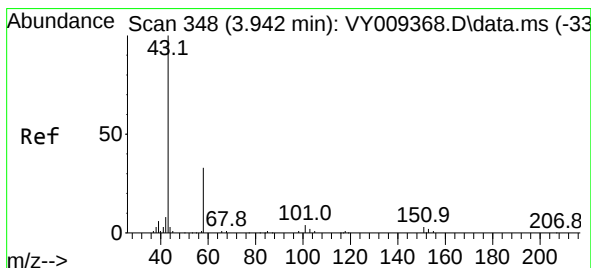
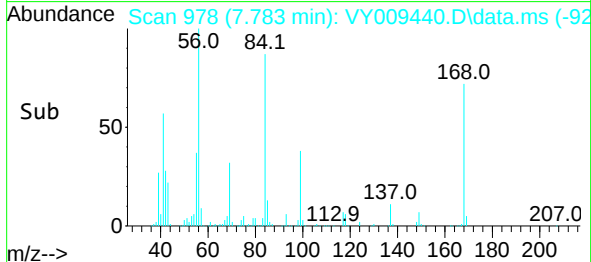
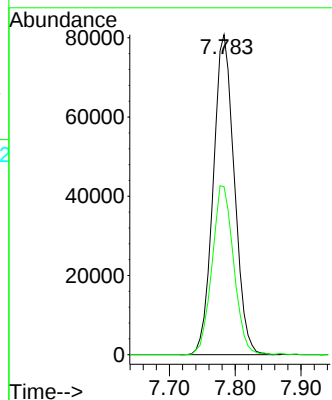
Instrument :
MSVOA_Y
ClientSampleId :
WC-16-2-3-GR



Tgt Ion:168 Resp: 18054
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3

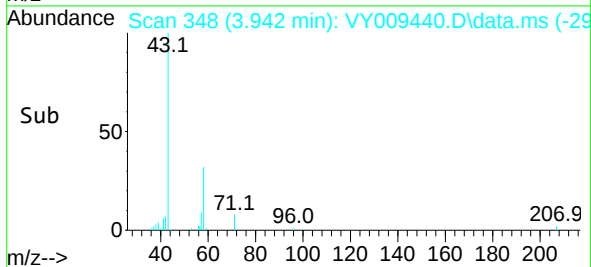
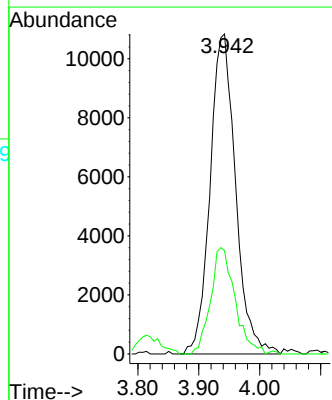
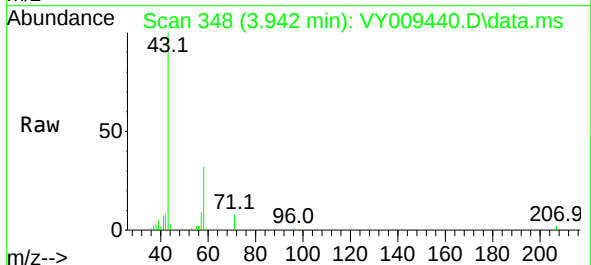
Manual Integrations
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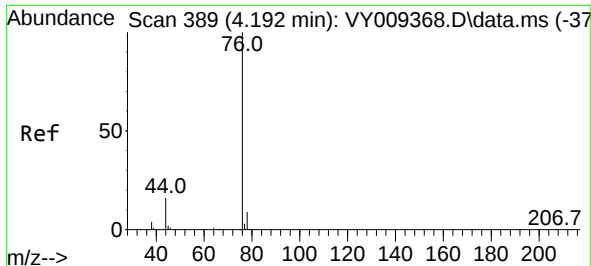
Reviewed By :Semsettin Yesilyurt 07/06/2022
Supervised By :Mahesh Dadoda 07/06/2022



#16
Acetone
Concen: 66.358 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY009440.D
Acq: 05 Jul 2022 16:18

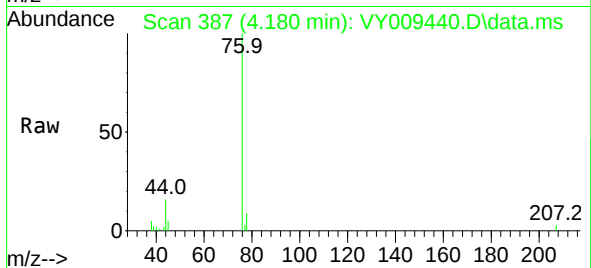
Tgt Ion: 43 Resp: 31515
Ion Ratio Lower Upper
43 100
58 32.3 22.0 33.0





#17
Carbon Disulfide
Concen: 3.316 ug/l
RT: 4.180 min Scan# 389
Delta R.T. -0.006 min
Lab File: VY009440.D
Acq: 05 Jul 2022 16:18

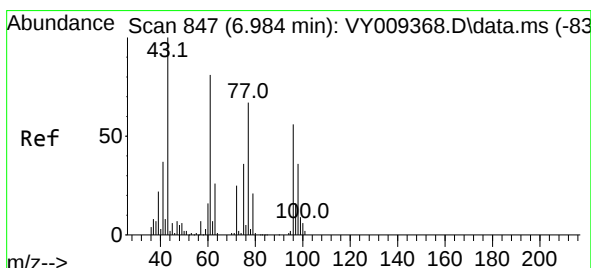
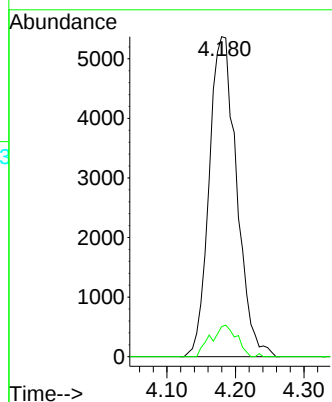
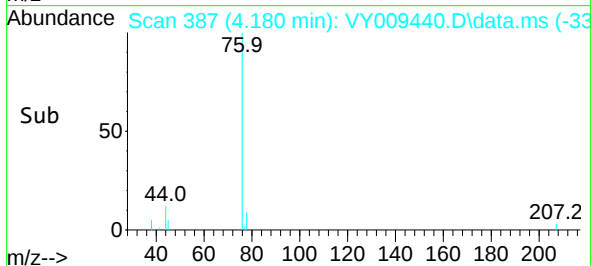
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Tgt Ion: 76 Resp: 1497
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

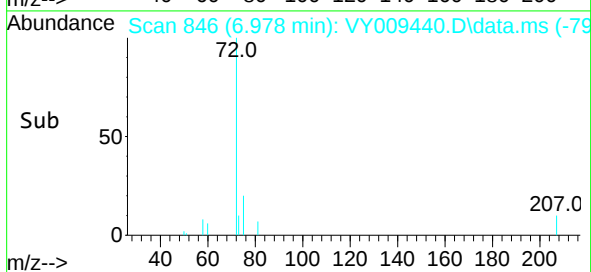
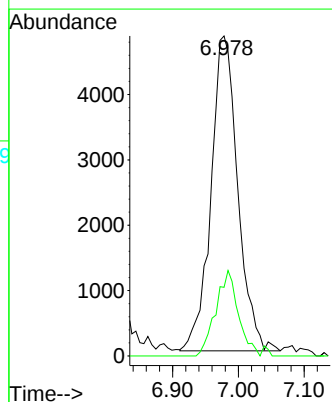
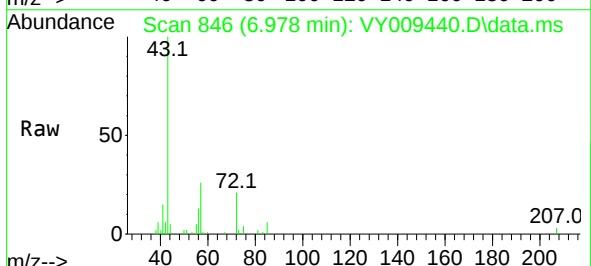
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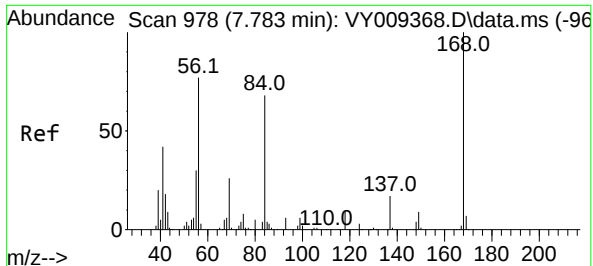
Reviewed By :Semsettin Yesilyurt 07/06/2022
Supervised By :Mahesh Dadoda 07/06/2022



#25
2-Butanone
Concen: 18.230 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009440.D
Acq: 05 Jul 2022 16:18

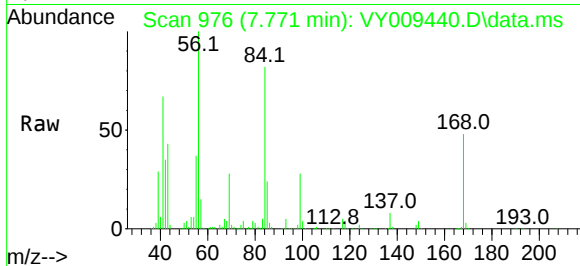
Tgt Ion: 43 Resp: 13726
Ion Ratio Lower Upper
43 100
72 21.8 17.7 26.5





#31
Cyclohexane
Concen: 102.919 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY009440.D
Acq: 05 Jul 2022 16:18

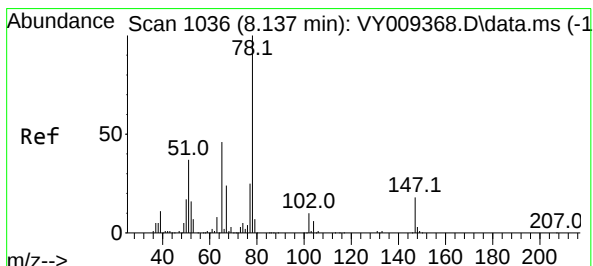
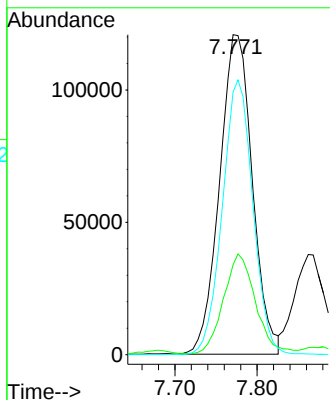
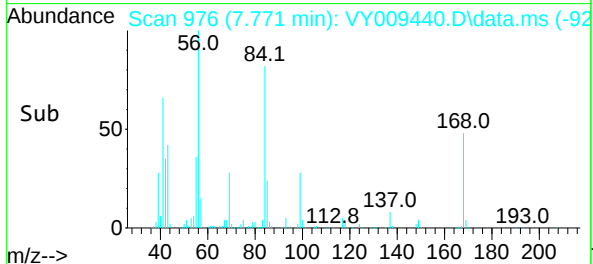
Instrument :
MSVOA_Y
ClientSampleId :
WC-16-2-3-GR



Tgt Ion: 56 Resp: 33475
Ion Ratio Lower Upper
56 100
69 27.7 26.7 40.1
84 82.2 67.2 100.8

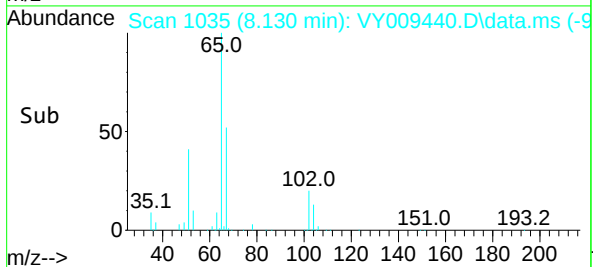
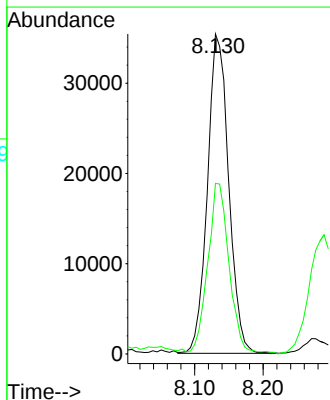
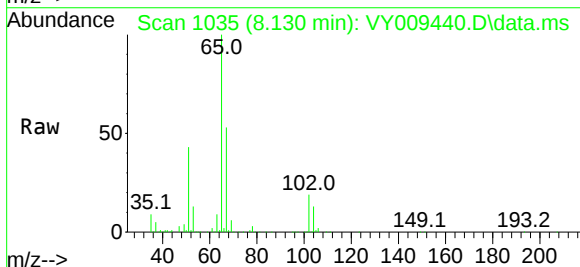
Manual Integrations
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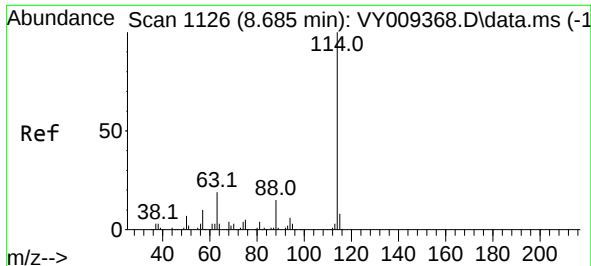
Reviewed By :Semsettin Yesilyurt 07/06/2022
Supervised By :Mahesh Dadoda 07/06/2022



#33
1,2-Dichloroethane-d4
Concen: 52.702 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009440.D
Acq: 05 Jul 2022 16:18

Tgt Ion: 65 Resp: 76212
Ion Ratio Lower Upper
65 100
67 54.0 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: VY009440.D

Acq: 05 Jul 2022 16:18

Instrument :

MSVOA_Y

ClientSampleId :

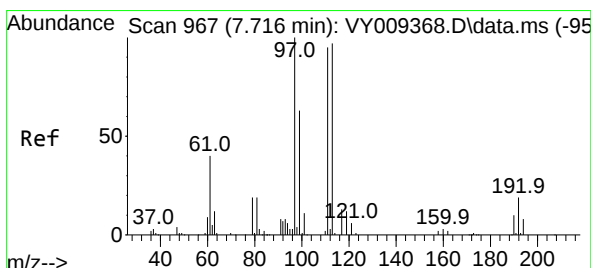
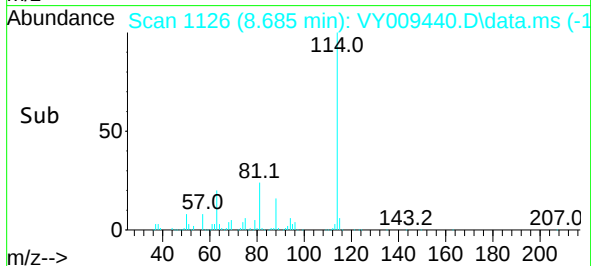
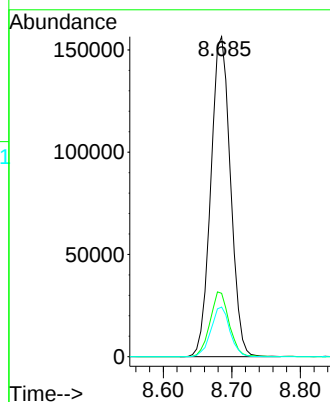
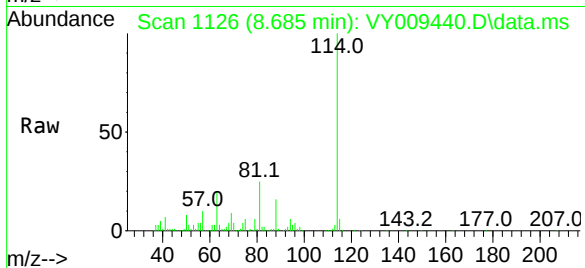
WC-16-2-3-GR

Tgt Ion:	114	Resp:	312114
Ion Ratio	Lower	Upper	
114	100		
63	19.8	0.0	43.2
88	15.5	0.0	31.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/06/2022
Supervised By :Mahesh Dadoda 07/06/2022



#35

Dibromofluoromethane

Concen: 39.507 ug/l

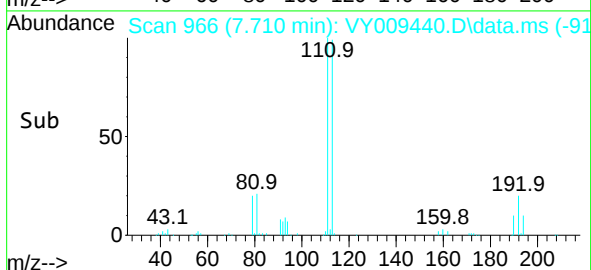
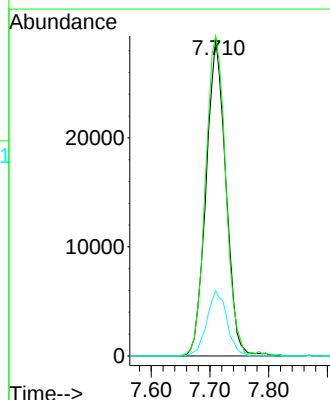
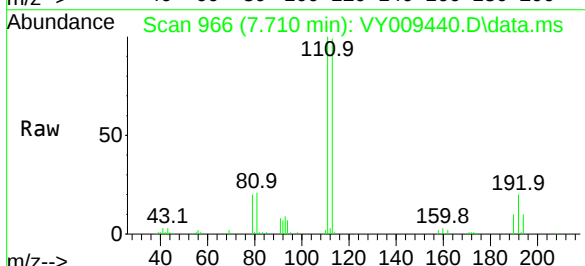
RT: 7.710 min Scan# 966

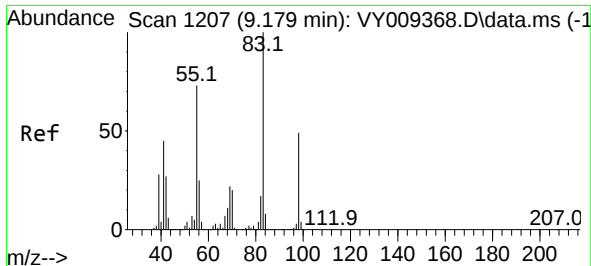
Delta R.T. -0.000 min

Lab File: VY009440.D

Acq: 05 Jul 2022 16:18

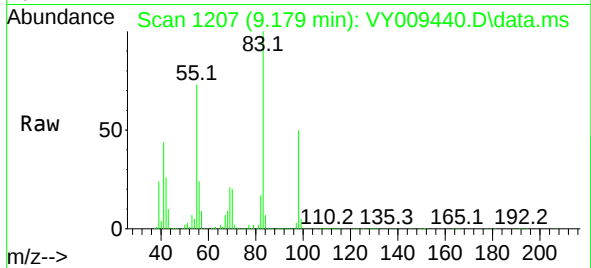
Tgt Ion:	113	Resp:	67865
Ion Ratio	Lower	Upper	
113	100		
111	103.4	82.6	124.0
192	20.9	17.6	26.4





#39
Methylcyclohexane
Concen: 347.474 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VY009440.D
Acq: 05 Jul 2022 16:18

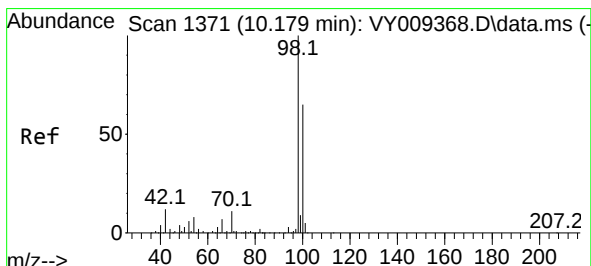
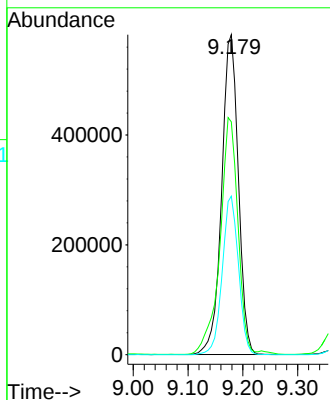
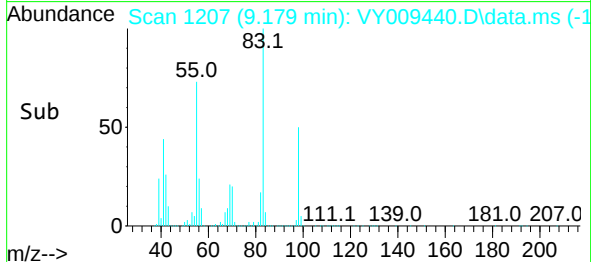
Instrument :
MSVOA_Y
ClientSampleId :
WC-16-2-3-GR



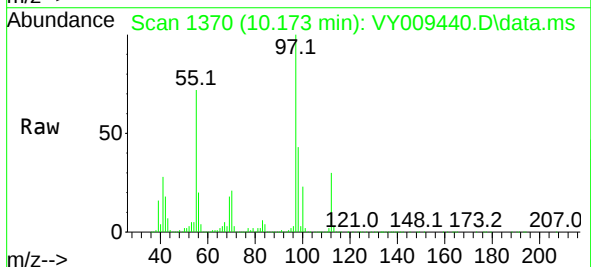
Tgt Ion: 83 Resp: 1235200
Ion Ratio Lower Upper
83 100
55 72.7 66.5 99.7
98 49.6 37.9 56.9

Manual Integrations
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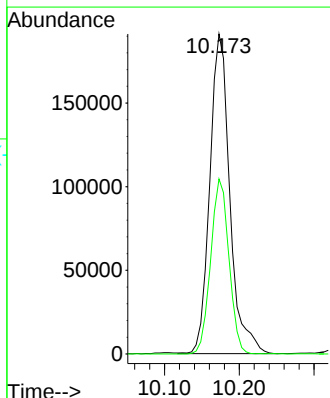
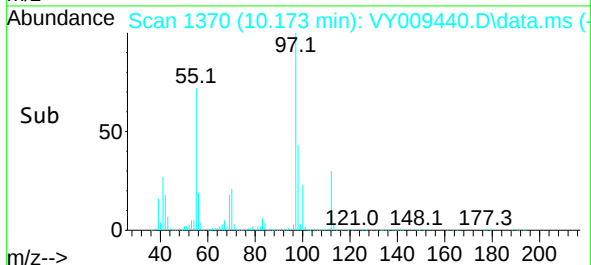
Reviewed By :Semsettin Yesilyurt 07/06/2022
Supervised By :Mahesh Dadoda 07/06/2022

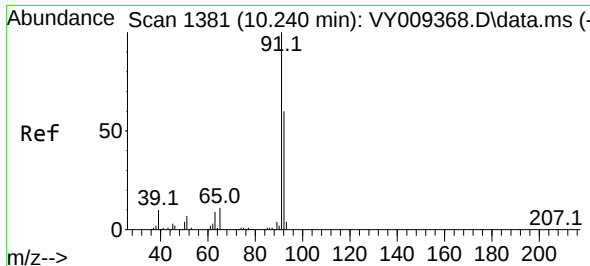


#50
Toluene-d8
Concen: 67.630 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY009440.D
Acq: 05 Jul 2022 16:18



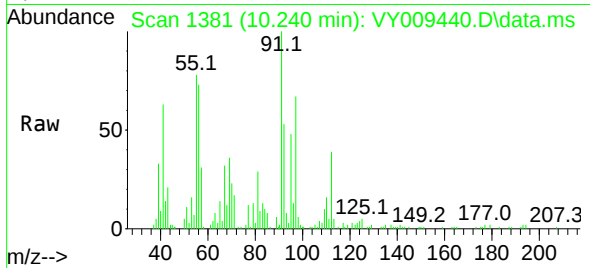
Tgt Ion: 98 Resp: 356191
Ion Ratio Lower Upper
98 100
100 49.9 50.2 75.2#





#52
Toluene
Concen: 1.595 ug/l
RT: 10.240 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009440.D
Acq: 05 Jul 2022 16:18

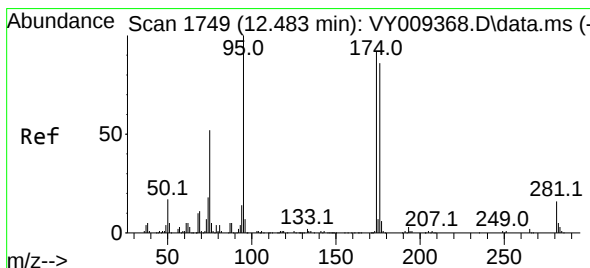
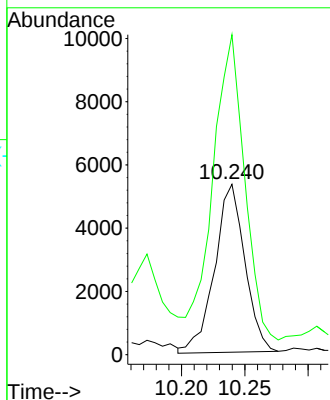
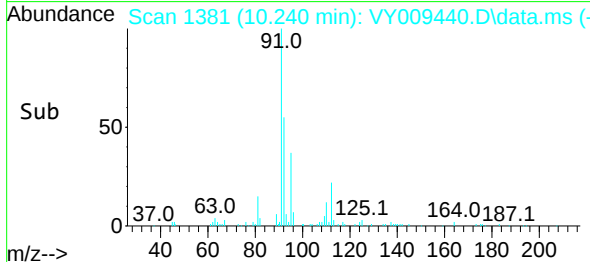
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WC-16-2-3-GR



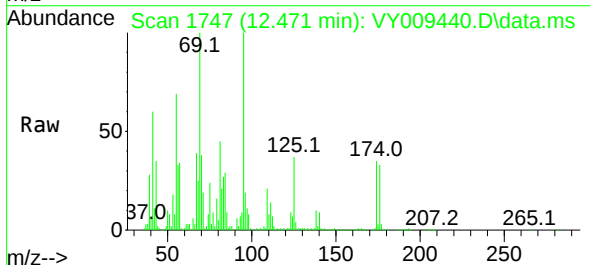
Tgt Ion: 92 Resp: 8838
Ion Ratio Lower Upper
92 100
91 187.7 142.6 213.8

Manual Integrations
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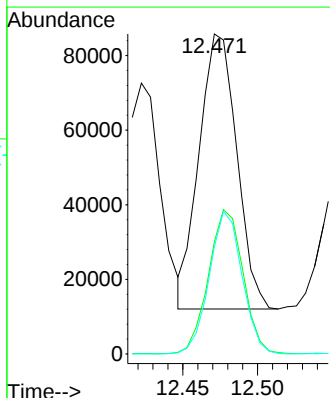
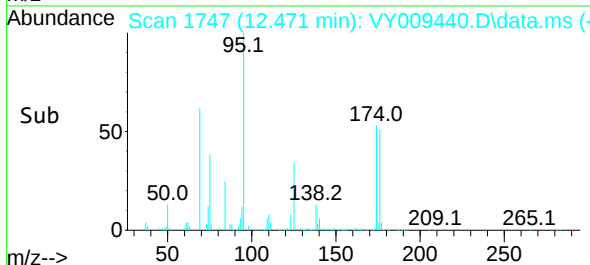
Reviewed By :Semsettin Yesilyurt 07/06/2022
Supervised By :Mahesh Dadoda 07/06/2022

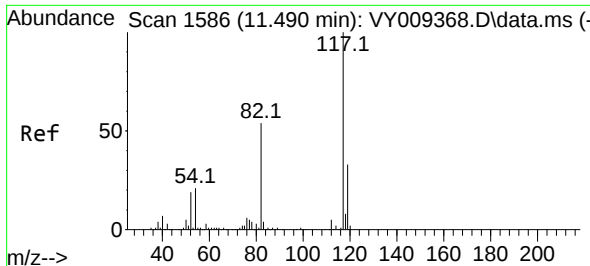


#62
4-Bromofluorobenzene
Concen: 51.688 ug/l
RT: 12.471 min Scan# 1747
Delta R.T. -0.006 min
Lab File: VY009440.D
Acq: 05 Jul 2022 16:18



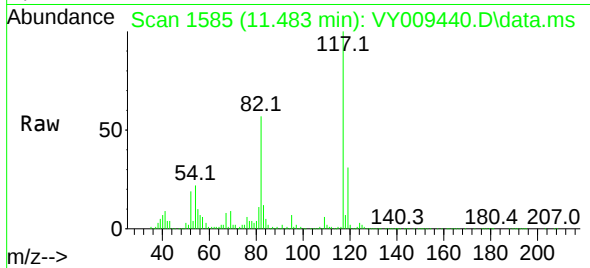
Tgt Ion: 95 Resp: 129110
Ion Ratio Lower Upper
95 100
174 47.8 0.0 177.0
176 45.1 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY009440.D
Acq: 05 Jul 2022 16:18

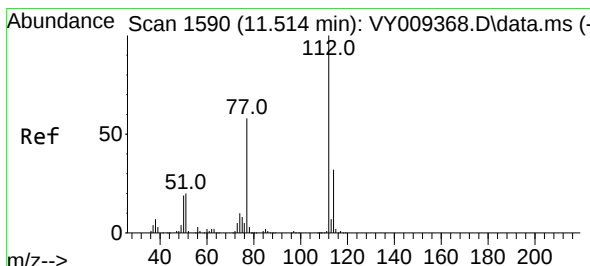
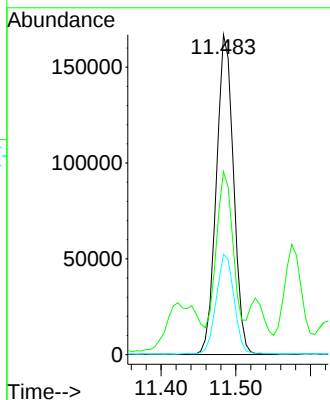
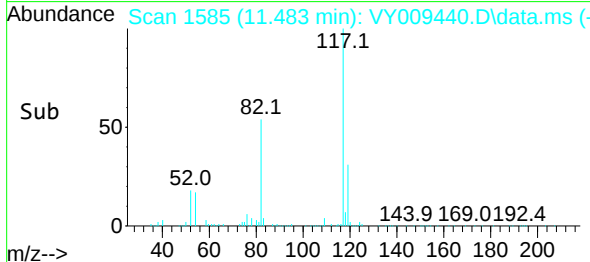
Instrument :
MSVOA_Y
ClientSampleId :
WC-16-2-3-GR



Tgt Ion:117 Resp: 267110
Ion Ratio Lower Upper
117 100
82 48.6 43.0 64.4
119 31.2 25.4 38.0

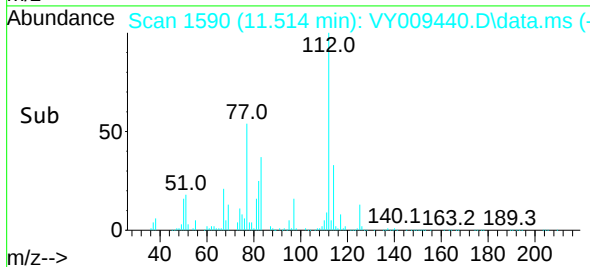
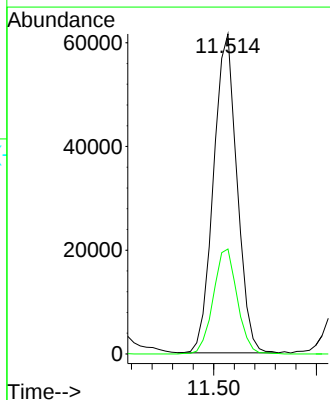
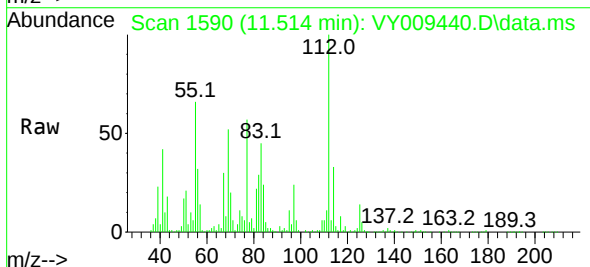
Manual Integrations
APPROVED

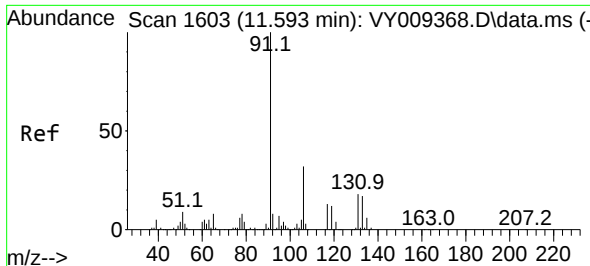
Reviewed By :Semsettin Yesilyurt 07/06/2022
Supervised By :Mahesh Dadoda 07/06/2022



#65
Chlorobenzene
Concen: 17.073 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY009440.D
Acq: 05 Jul 2022 16:18

Tgt Ion:112 Resp: 97581
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.6





#67

Ethyl Benzene

Concen: 1.542 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009440.D

Acq: 05 Jul 2022 16:18

Instrument :

MSVOA_Y

ClientSampleId :

WC-16-2-3-GR

Tgt Ion: 91 Resp: 1528

Ion Ratio Lower Upper

91 100

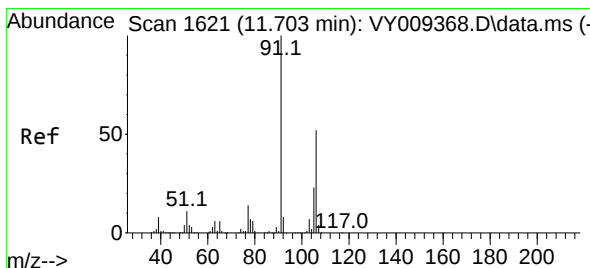
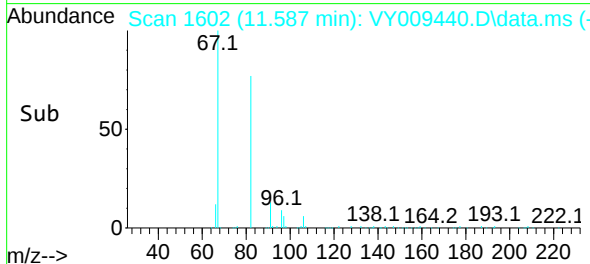
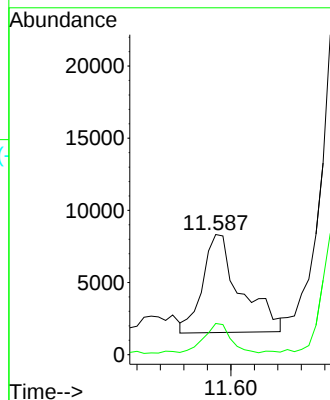
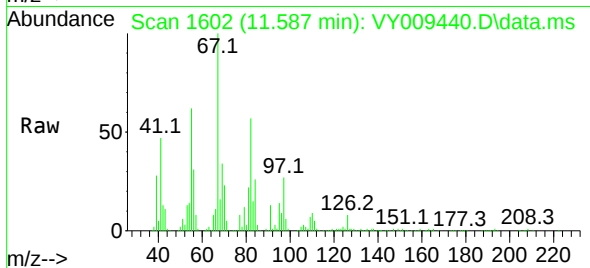
106 32.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/06/2022

Supervised By :Mahesh Dadoda 07/06/2022



#68

m/p-Xylenes

Concen: 5.083 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY009440.D

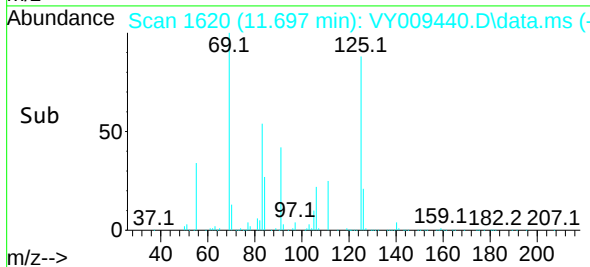
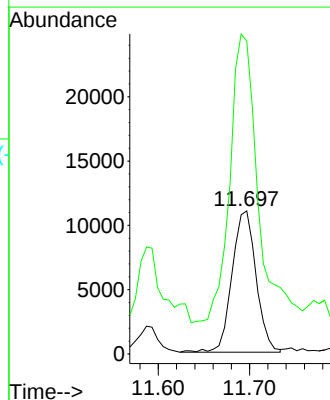
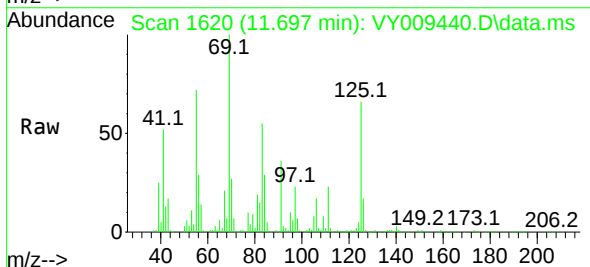
Acq: 05 Jul 2022 16:18

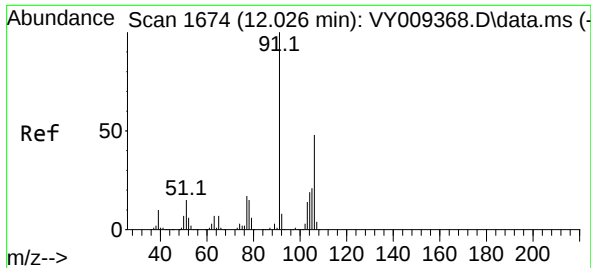
Tgt Ion:106 Resp: 20154

Ion Ratio Lower Upper

106 100

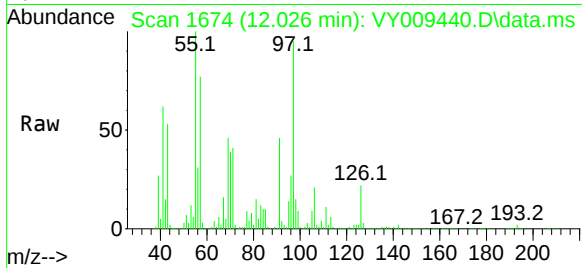
91 260.9 166.6 249.8#





#69
o-Xylene
Concen: 11.250 ug/l
RT: 12.026 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY009440.D
Acq: 05 Jul 2022 16:18

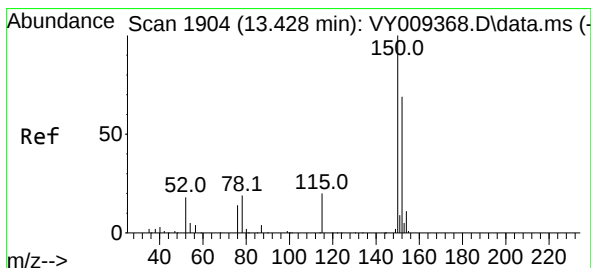
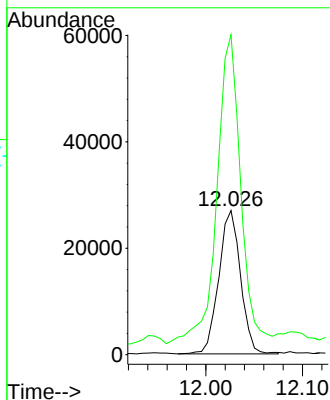
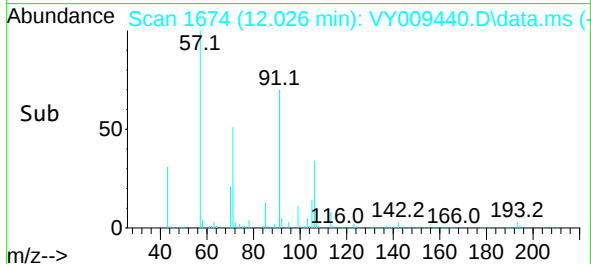
Instrument :
MSVOA_Y
ClientSampleId :
WC-16-2-3-GR



Tgt Ion:106 Resp: 4209
Ion Ratio Lower Upper
106 100
91 234.4 110.3 331.0

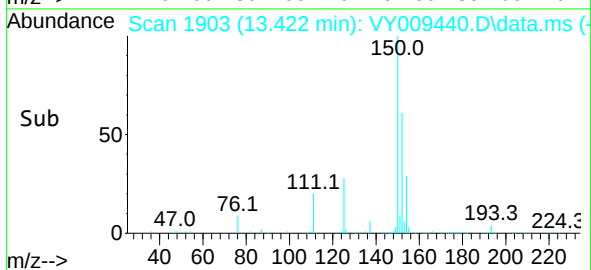
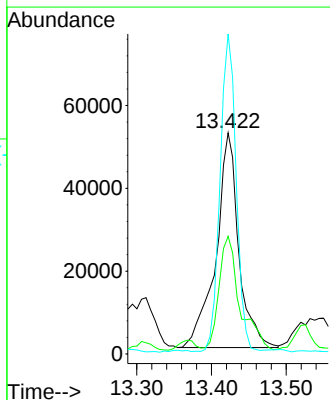
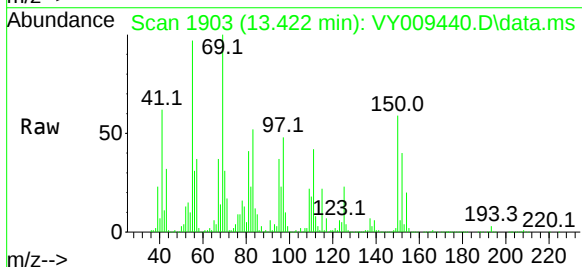
Manual Integrations
APPROVED

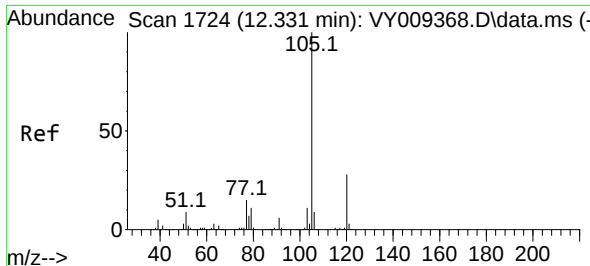
Reviewed By :Semsettin Yesilyurt 07/06/2022
Supervised By :Mahesh Dadoda 07/06/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009440.D
Acq: 05 Jul 2022 16:18

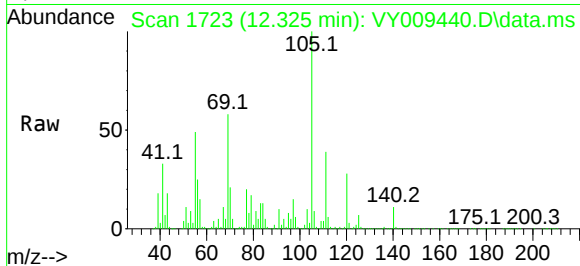
Tgt Ion:152 Resp: 109917
Ion Ratio Lower Upper
152 100
115 48.3 28.2 84.7
150 104.5 0.0 347.6





#73
Isopropylbenzene
Concen: 51.287 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY009440.D
Acq: 05 Jul 2022 16:18

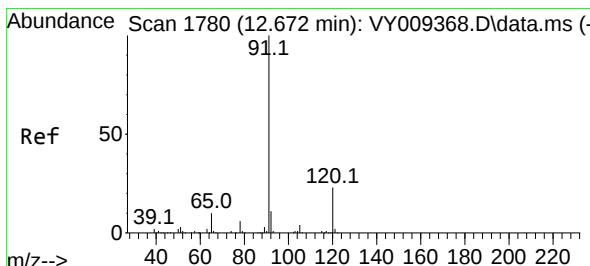
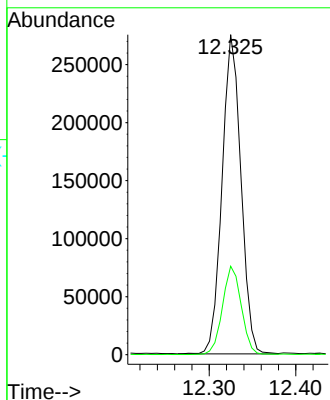
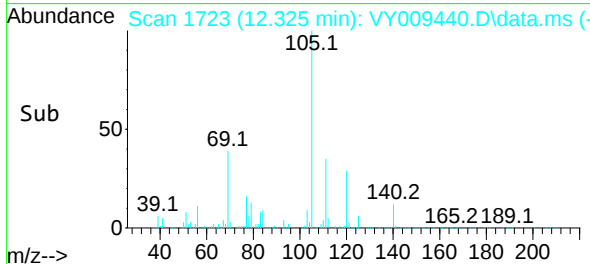
Instrument :
MSVOA_Y
ClientSampleId :
WC-16-2-3-GR



Tgt Ion:105 Resp: 41638
Ion Ratio Lower Upper
105 100
120 27.6 13.4 40.2

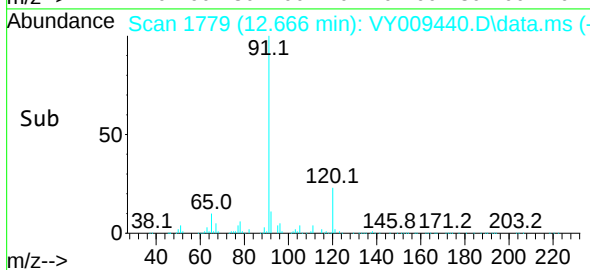
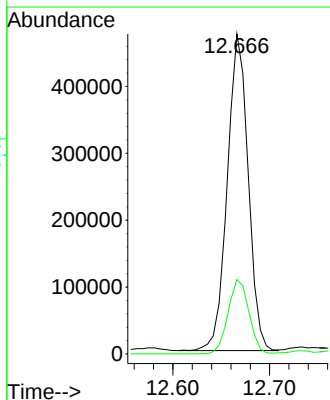
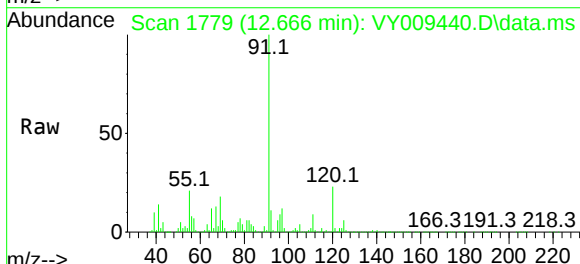
Manual Integrations
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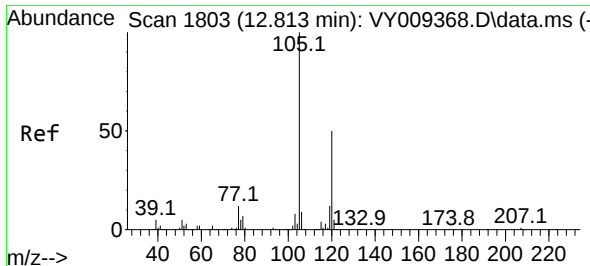
Reviewed By :Semsettin Yesilyurt 07/06/2022
Supervised By :Mahesh Dadoda 07/06/2022



#78
n-propylbenzene
Concen: 71.899 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY009440.D
Acq: 05 Jul 2022 16:18

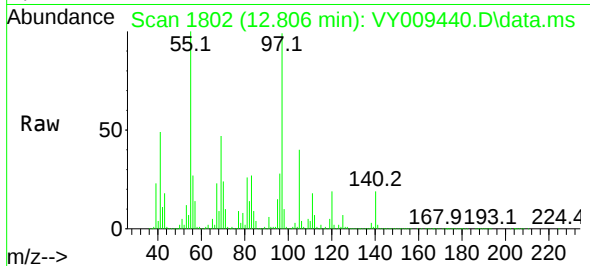
Tgt Ion: 91 Resp: 710073
Ion Ratio Lower Upper
91 100
120 23.4 11.3 33.9





#80
1,3,5-Trimethylbenzene
Concen: 53.865 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY009440.D
Acq: 05 Jul 2022 16:18

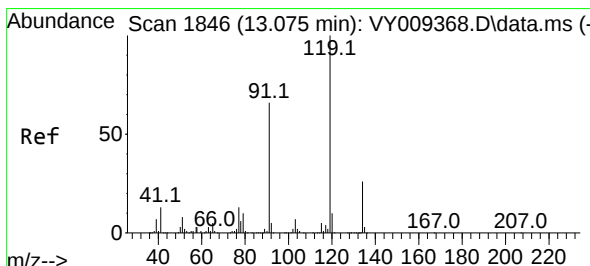
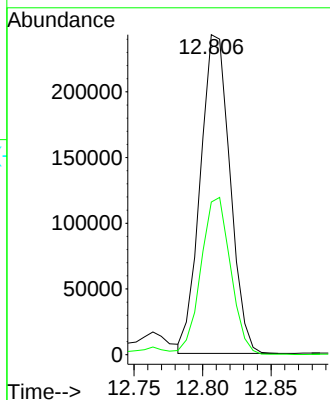
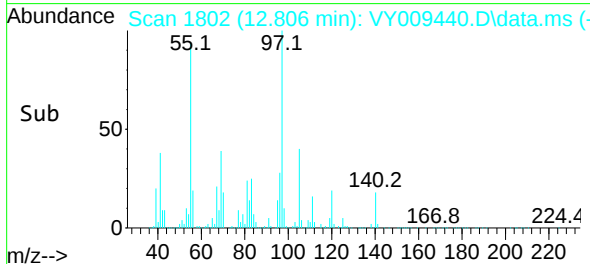
Instrument :
MSVOA_Y
ClientSampleId :
WC-16-2-3-GR



Tgt Ion:105 Resp: 365709
Ion Ratio Lower Upper
105 100
120 49.3 24.4 73.4

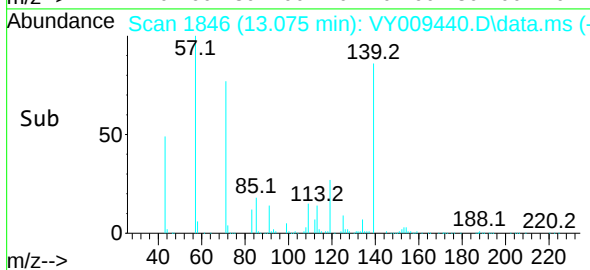
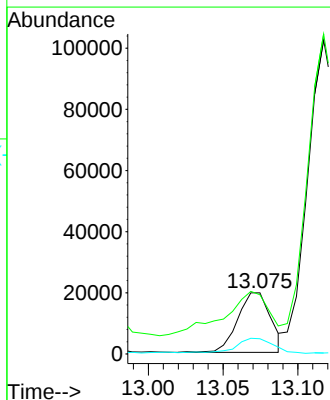
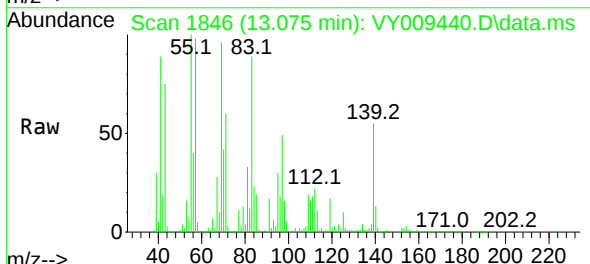
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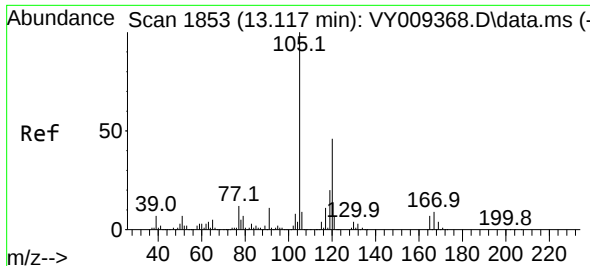
Reviewed By :Semsettin Yesilyurt 07/06/2022
Supervised By :Mahesh Dadoda 07/06/2022



#83
tert-Butylbenzene
Concen: 5.234 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY009440.D
Acq: 05 Jul 2022 16:18

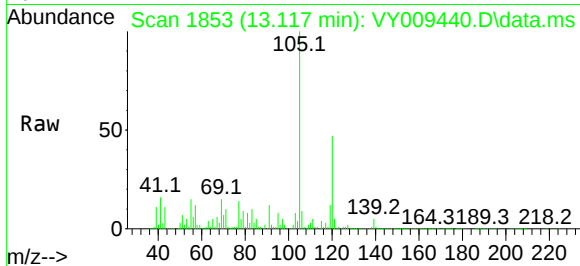
Tgt Ion:119 Resp: 29854
Ion Ratio Lower Upper
119 100
91 99.9 34.8 104.4
134 28.8 13.3 39.9





#84
1,2,4-Trimethylbenzene
Concen: 194.767 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009440.D
Acq: 05 Jul 2022 16:18

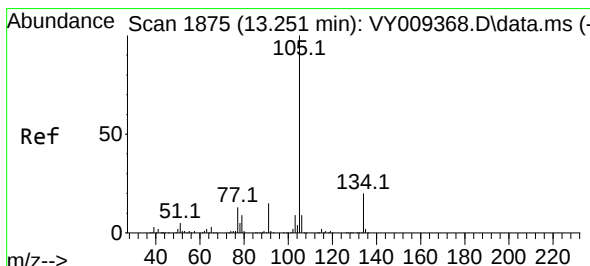
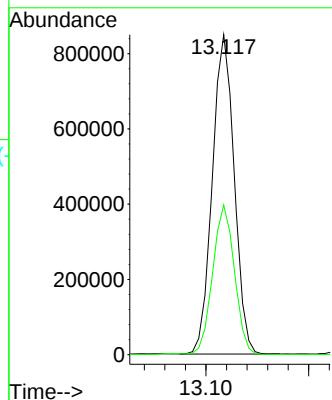
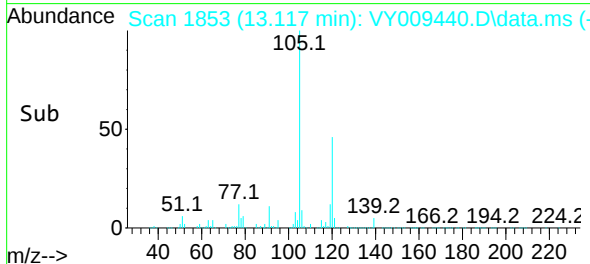
Instrument :
MSVOA_Y
ClientSampleId :
WC-16-2-3-GR



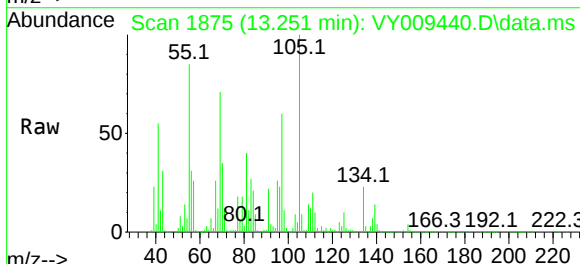
Tgt Ion:105 Resp: 125658
Ion Ratio Lower Upper
105 100
120 46.5 22.3 66.9

Manual Integrations
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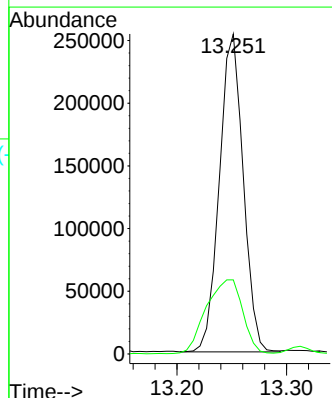
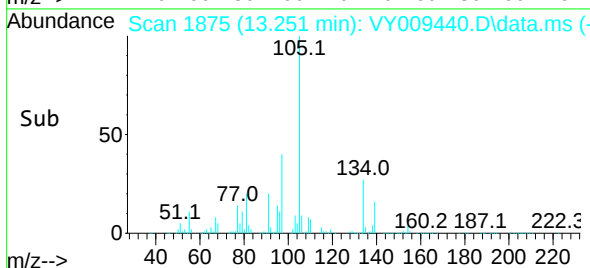
Reviewed By :Semsettin Yesilyurt 07/06/2022
Supervised By :Mahesh Dadoda 07/06/2022

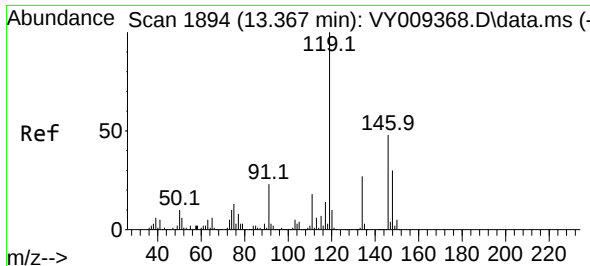


#85
sec-Butylbenzene
Concen: 44.593 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY009440.D
Acq: 05 Jul 2022 16:18



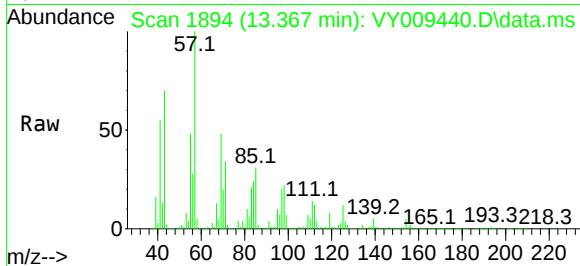
Tgt Ion:105 Resp: 383121
Ion Ratio Lower Upper
105 100
134 35.7 10.2 30.4#





#86
p-Isopropyltoluene
Concen: 6.280 ug/l m
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY009440.D
Acq: 05 Jul 2022 16:18

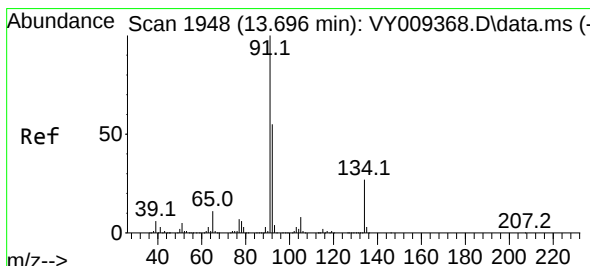
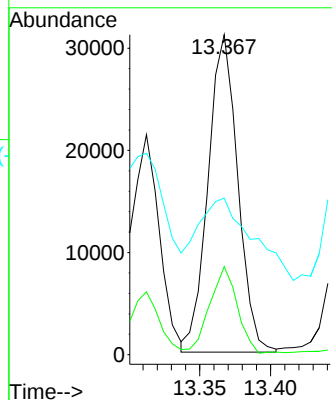
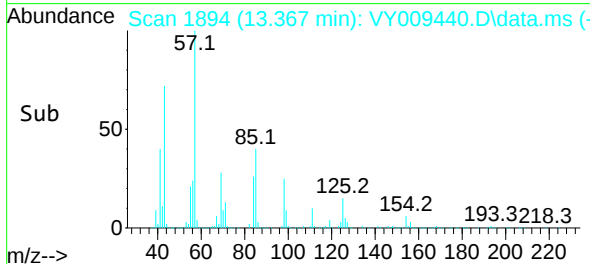
Instrument :
MSVOA_Y
ClientSampleId :
WC-16-2-3-GR



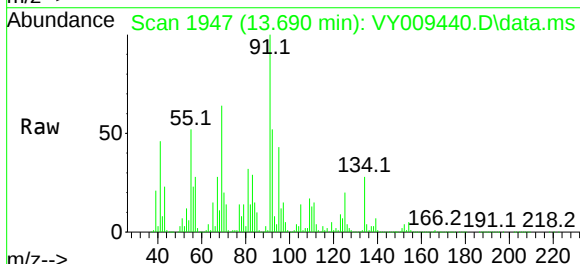
Tgt Ion: 119 Resp: 4537
Ion Ratio Lower Upper
119 100
134 64.5 13.2 39.5
91 83.4 12.4 37.2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/06/2022
Supervised By :Mahesh Dadoda 07/06/2022



#89
n-Butylbenzene
Concen: 64.402 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. -0.006 min
Lab File: VY009440.D
Acq: 05 Jul 2022 16:18



Tgt Ion: 91 Resp: 437182
Ion Ratio Lower Upper
91 100
92 44.7 26.3 78.9
134 0.0 13.0 38.9

