

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
 Data File : VY015194.D
 Acq On : 18 Aug 2023 14:37
 Operator : SY/MD
 Sample : 04086-05
 Misc : 5.06g/5.2mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP09A

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/21/2023
 Supervised By :Mahesh Dadoda 08/21/2023

Quant Time: Aug 18 23:09:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	130762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	229866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	230603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	117670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	88357	56.290	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.580%			
35) Dibromofluoromethane	7.710	113	70844	47.906	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.820%			
50) Toluene-d8	10.179	98	281421	51.121	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.240%			
62) 4-Bromofluorobenzene	12.477	95	105696	52.567	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.140%			
Target Compounds					Qvalue	
16) Acetone	3.936	43	33500	65.329	ug/l #	73
17) Carbon Disulfide	4.186	76	3362	2.100	ug/l	97
20) Methylene Chloride	4.704	84	29999	21.978	ug/l #	85
31) Cyclohexane	7.771	56	74268	53.130	ug/l #	81
39) Methylcyclohexane	9.179	83	70066	38.203	ug/l	96
40) Benzene	8.155	78	16380	3.312	ug/l	98
52) Toluene	10.240	92	698388	214.218	ug/l	94
67) Ethyl Benzene	11.593	91	143366	19.475	ug/l	99
68) m/p-Xylenes	11.697	106	204613	73.181	ug/l	96
69) o-Xylene	12.026	106	73337	26.330	ug/l	97
73) Isopropylbenzene	12.325	105	26298	3.476	ug/l	99
78) n-propylbenzene	12.672	91	79725	8.873	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	34375	5.450	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	94094	14.929	ug/l	98
89) n-Butylbenzene	13.697	91	6983m	1.057	ug/l	

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

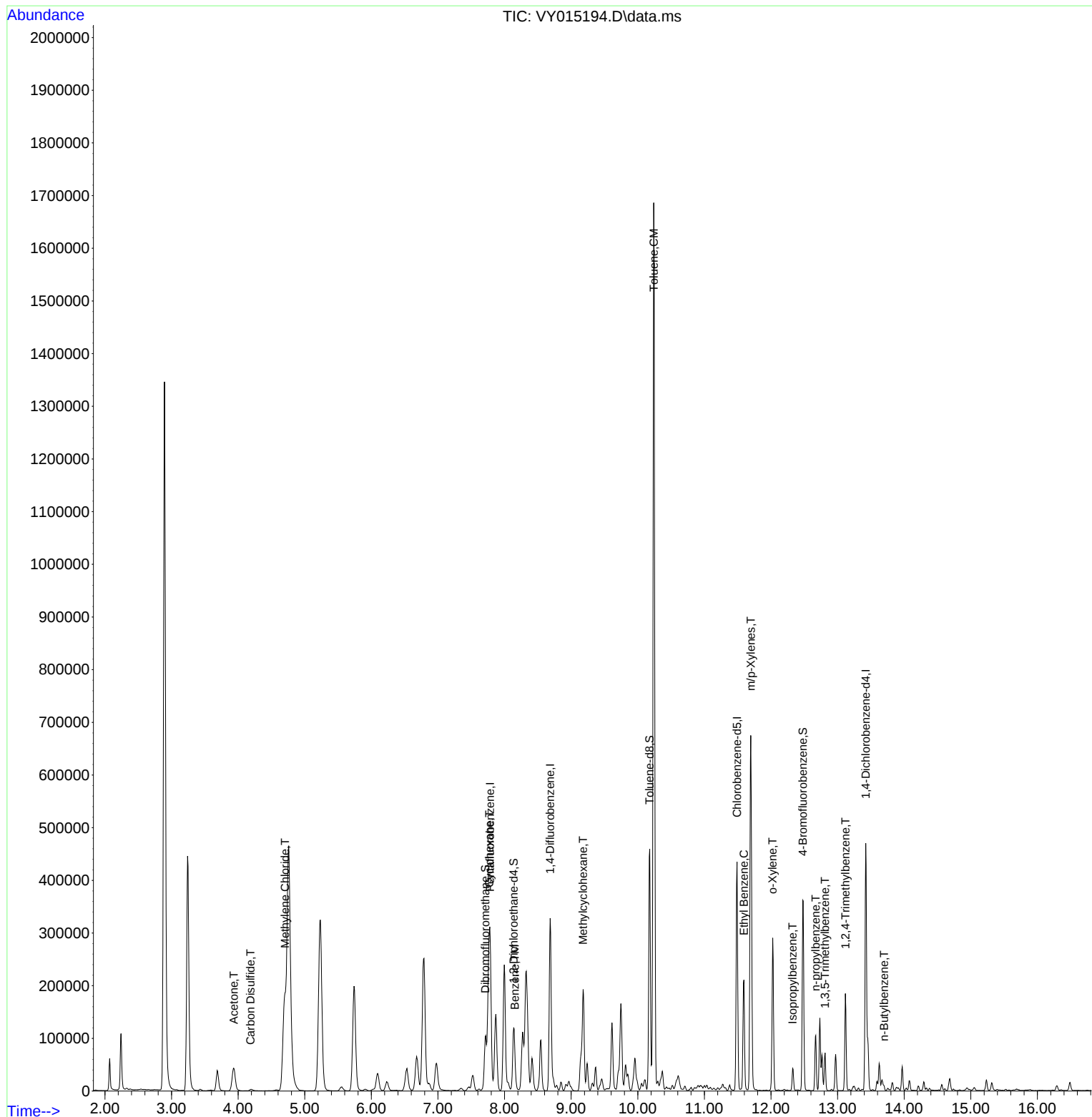
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
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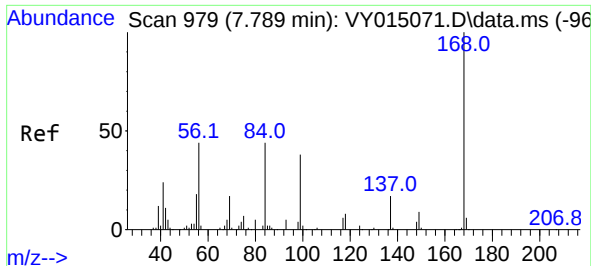
Instrument :
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Quant Time: Aug 18 23:09:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
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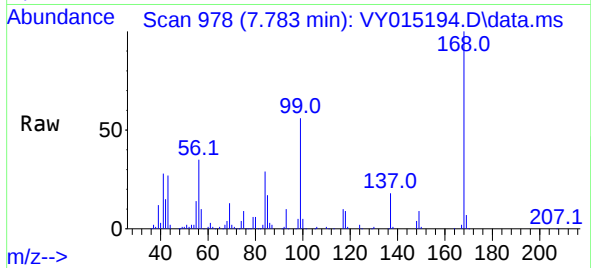
Reviewed By : Semsettin Yesilyurt 08/21/2023
Supervised By : Mahesh Dadoda 08/21/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015194.D
Acq: 18 Aug 2023 14:37

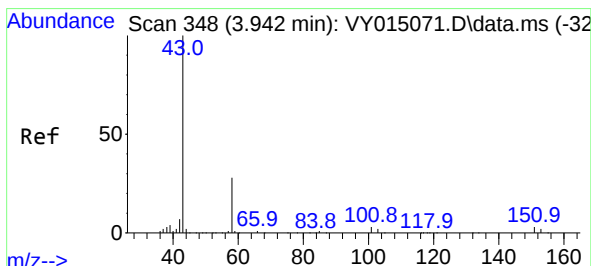
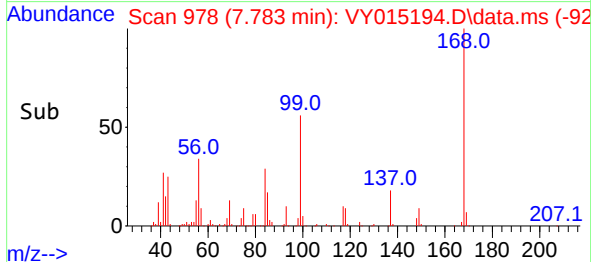
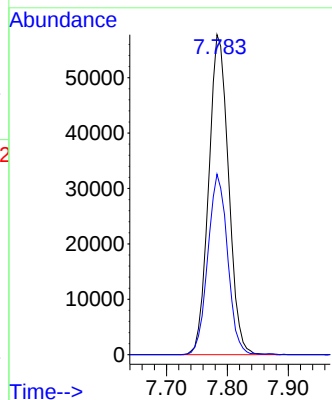
Instrument :
MSVOA_Y
ClientSampleId :
B-PP09A



Tgt Ion:168 Resp: 130762
Ion Ratio Lower Upper
168 100
99 56.4 43.4 65.0

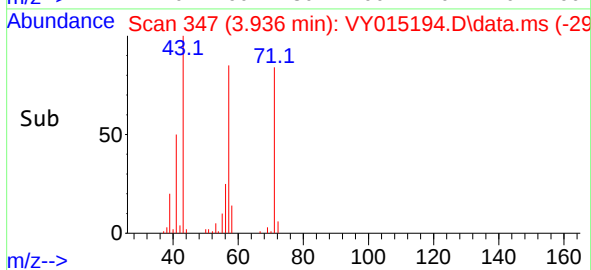
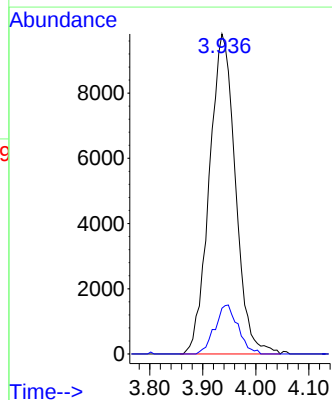
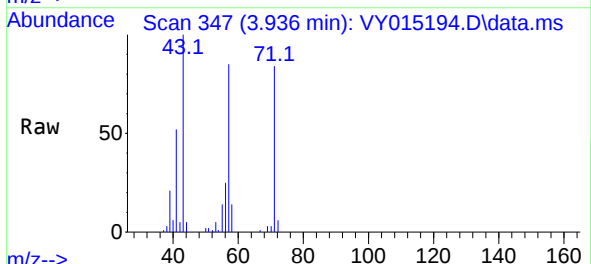
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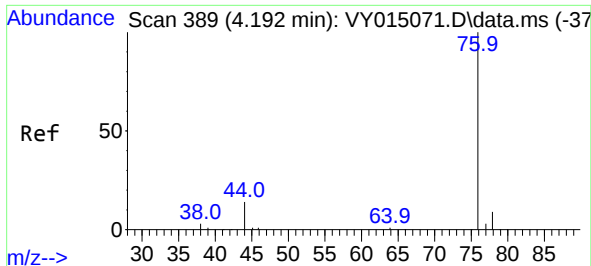
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023



#16
Acetone
Concen: 65.329 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY015194.D
Acq: 18 Aug 2023 14:37

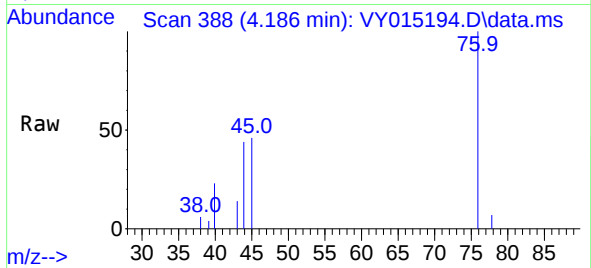
Tgt Ion: 43 Resp: 33500
Ion Ratio Lower Upper
43 100
58 14.3 22.7 34.1#





#17
Carbon Disulfide
Concen: 2.100 ug/l
RT: 4.186 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY015194.D
Acq: 18 Aug 2023 14:37

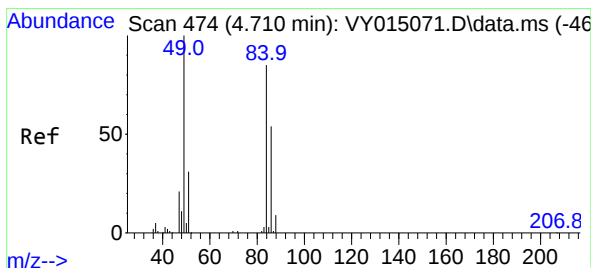
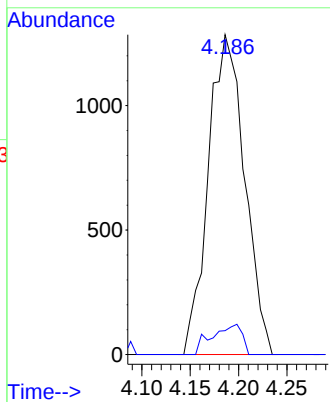
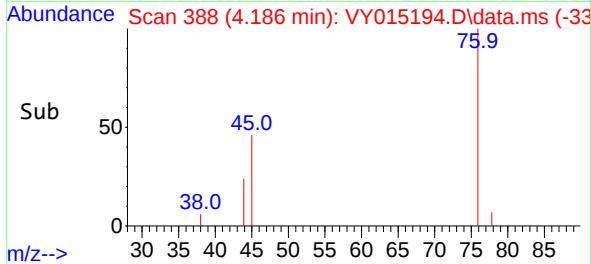
Instrument :
MSVOA_Y
ClientSampleId :
B-PP09A



Tgt Ion: 76 Resp: 3362
Ion Ratio Lower Upper
76 100
78 7.5 7.0 10.4

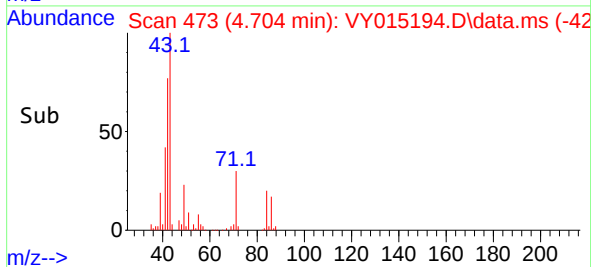
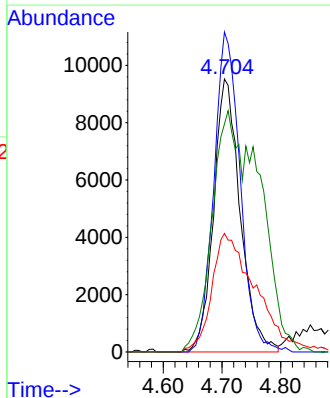
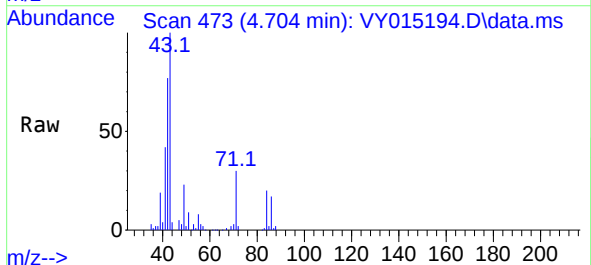
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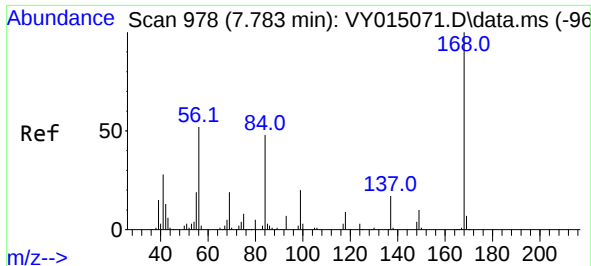
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023



#20
Methylene Chloride
Concen: 21.978 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015194.D
Acq: 18 Aug 2023 14:37

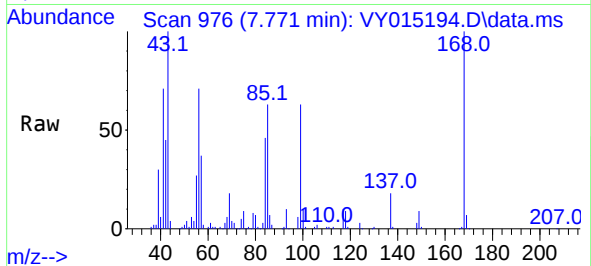
Tgt Ion: 84 Resp: 29999
Ion Ratio Lower Upper
84 100
49 117.3 106.9 160.3
51 43.5 33.2 49.8
86 83.5 51.0 76.6#





#31
Cyclohexane
Concen: 53.130 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015194.D
Acq: 18 Aug 2023 14:37

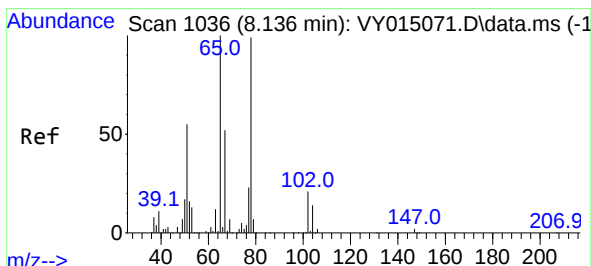
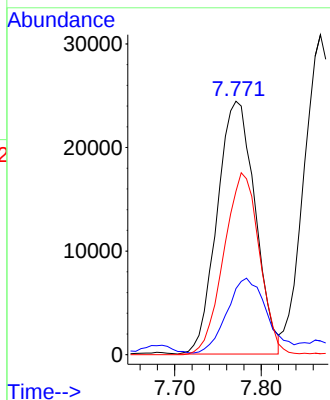
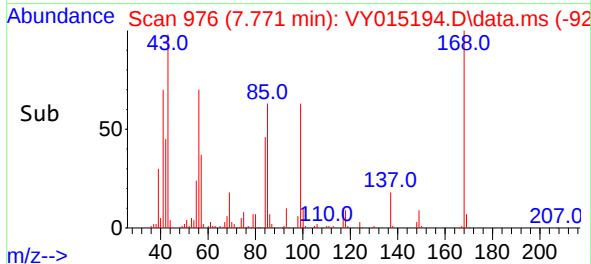
Instrument :
MSVOA_Y
ClientSampleId :
B-PP09A



Tgt Ion: 56 Resp: 7426
Ion Ratio Lower Upper
56 100
69 24.9 27.8 41.6
84 64.6 66.4 99.6

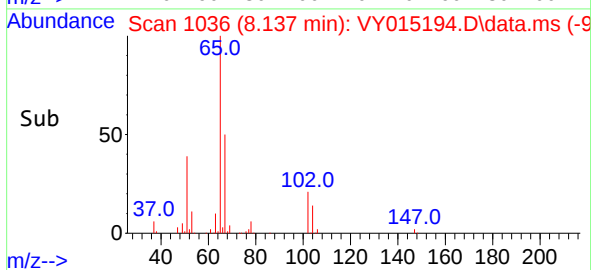
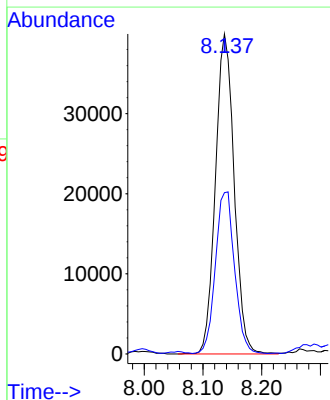
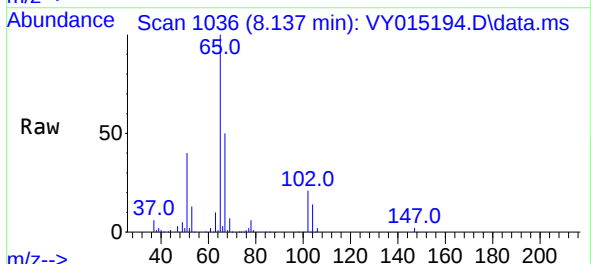
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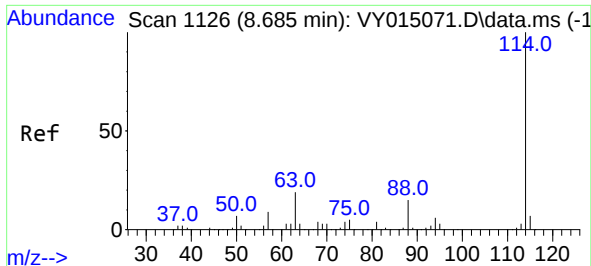
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023



#33
1,2-Dichloroethane-d4
Concen: 56.290 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015194.D
Acq: 18 Aug 2023 14:37

Tgt Ion: 65 Resp: 88357
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015194.D

Acq: 18 Aug 2023 14:37

Instrument :

MSVOA_Y

ClientSampleId :

B-PP09A

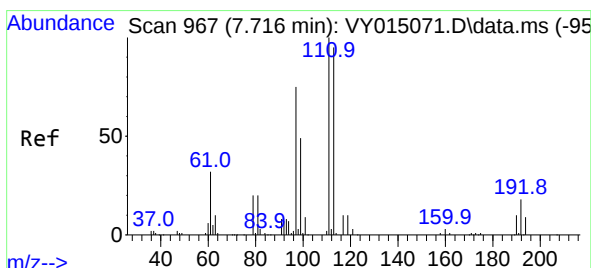
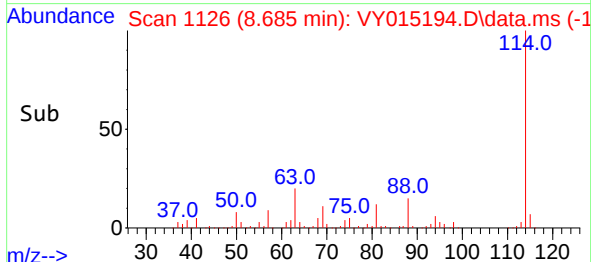
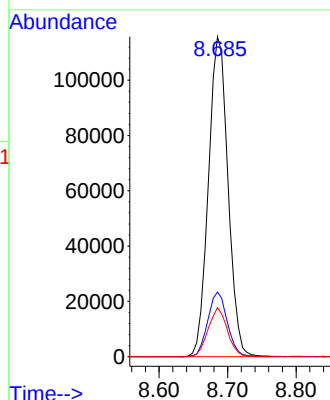
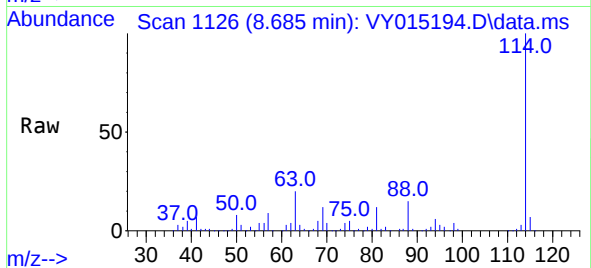
Tgt Ion:114 Resp: 229860

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	42.4
88	15.4	0.0	30.6

Manual Integrations

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Supervised By :Mahesh Dadoda 08/21/2023



#35

Dibromofluoromethane

Concen: 47.906 ug/l

RT: 7.710 min Scan# 966

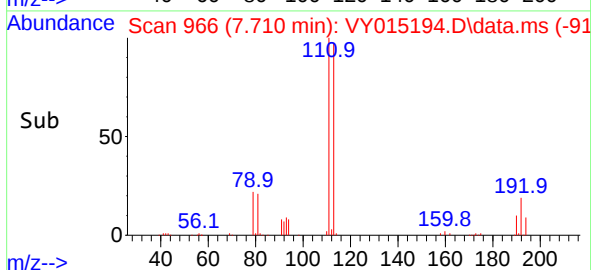
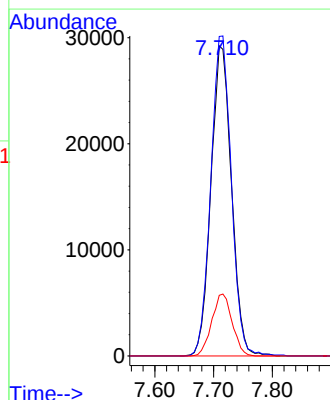
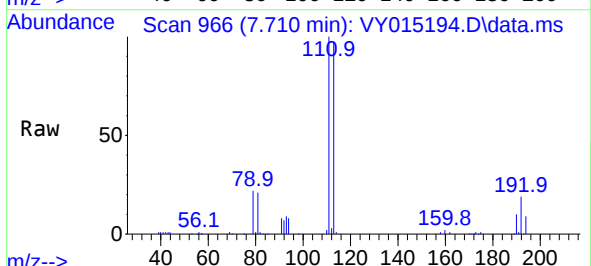
Delta R.T. -0.006 min

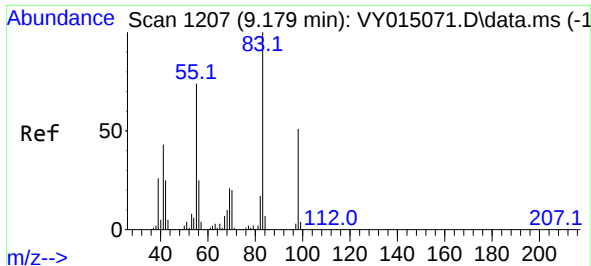
Lab File: VY015194.D

Acq: 18 Aug 2023 14:37

Tgt Ion:113 Resp: 70844

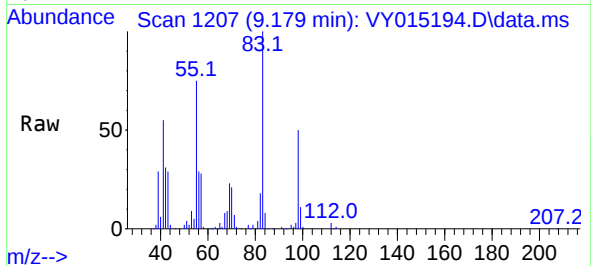
Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.3	121.9
192	19.8	16.9	25.3





#39
Methylcyclohexane
Concen: 38.203 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015194.D
Acq: 18 Aug 2023 14:37

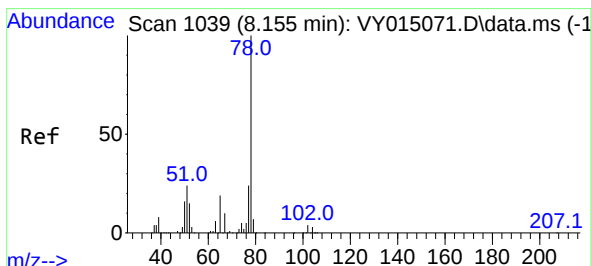
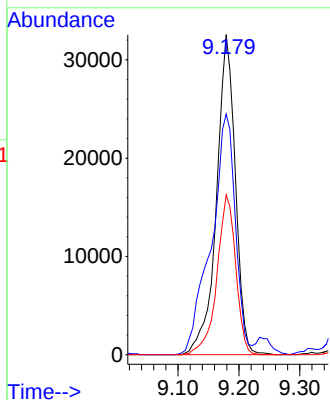
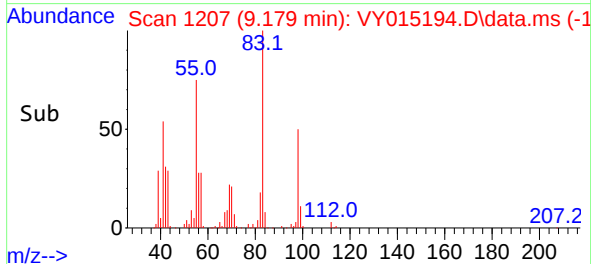
Instrument :
MSVOA_Y
ClientSampleId :
B-PP09A



Tgt Ion: 83 Resp: 70060
Ion Ratio Lower Upper
83 100
55 75.0 63.0 94.4
98 49.9 37.4 56.2

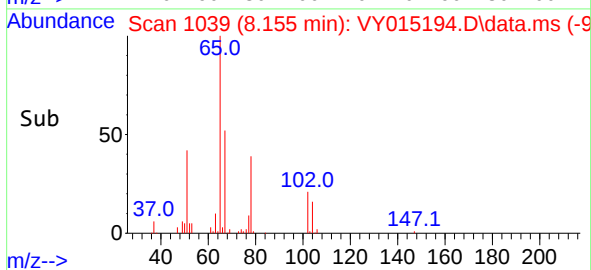
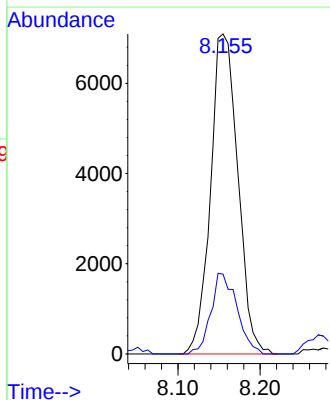
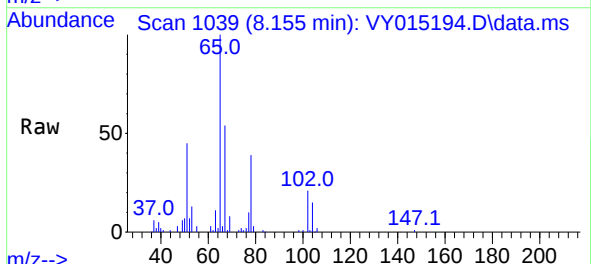
Manual Integrations
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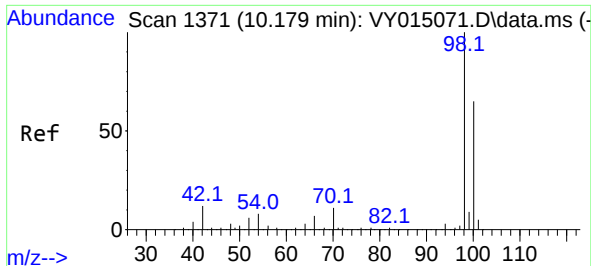
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023



#40
Benzene
Concen: 3.312 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY015194.D
Acq: 18 Aug 2023 14:37

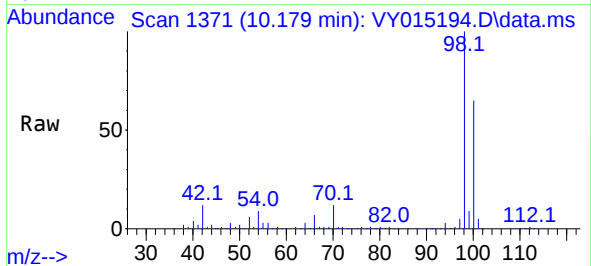
Tgt Ion: 78 Resp: 16380
Ion Ratio Lower Upper
78 100
77 24.9 19.0 28.6





#50
Toluene-d8
Concen: 51.121 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015194.D
Acq: 18 Aug 2023 14:37

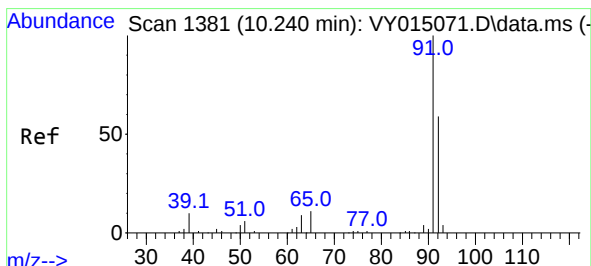
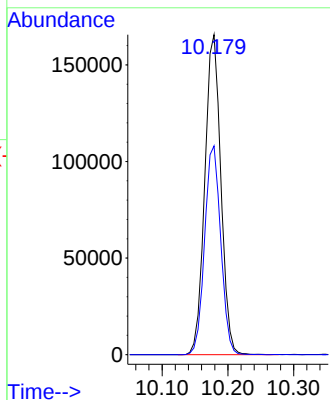
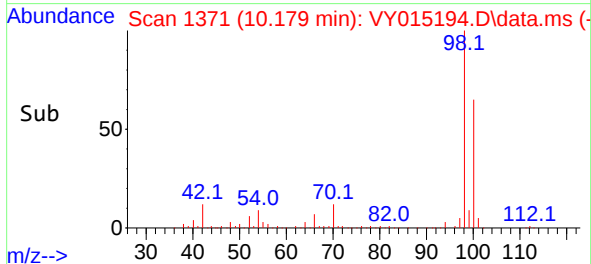
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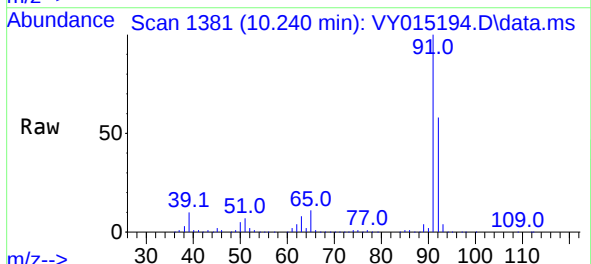
Tgt Ion: 98 Resp: 28142
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

Manual Integrations
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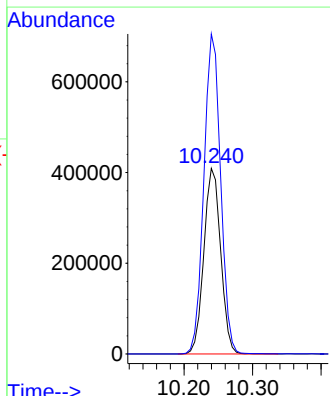
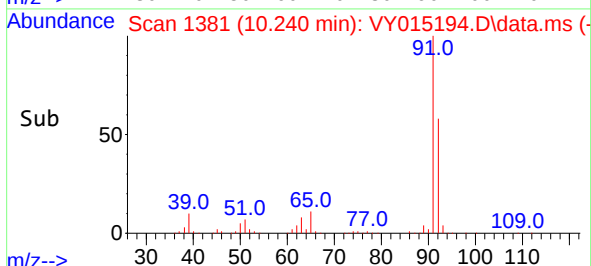
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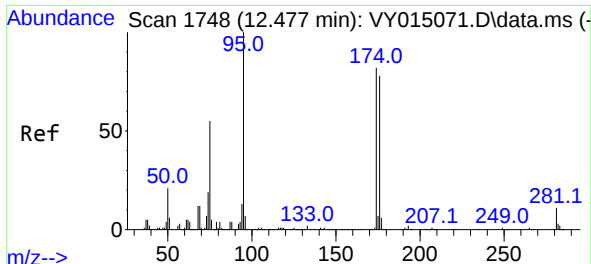


#52
Toluene
Concen: 214.218 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015194.D
Acq: 18 Aug 2023 14:37



Tgt Ion: 92 Resp: 698388
Ion Ratio Lower Upper
92 100
91 171.5 143.8 215.6





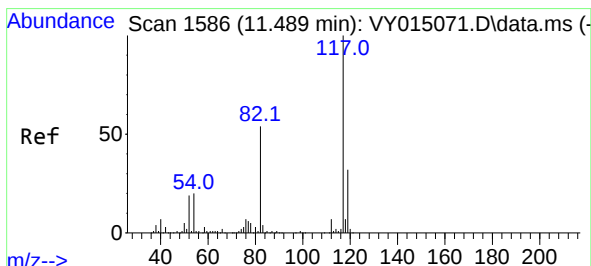
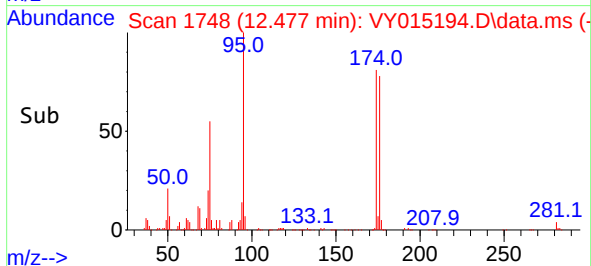
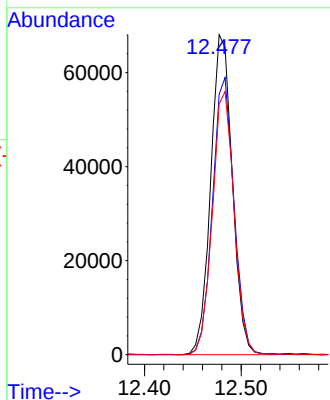
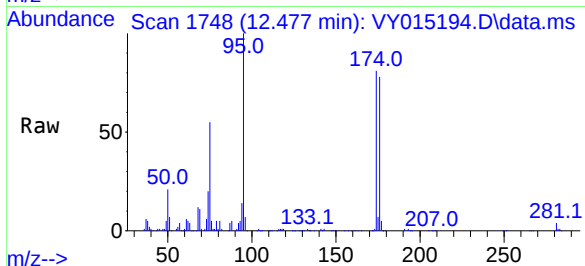
#62
4-Bromofluorobenzene
Concen: 52.567 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015194.D
Acq: 18 Aug 2023 14:37

Instrument :
MSVOA_Y
ClientSampleId :
B-PP09A

Tgt Ion: 95 Resp: 105690
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 82.5 0.0 173.8

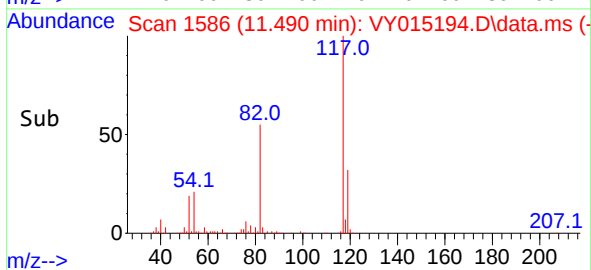
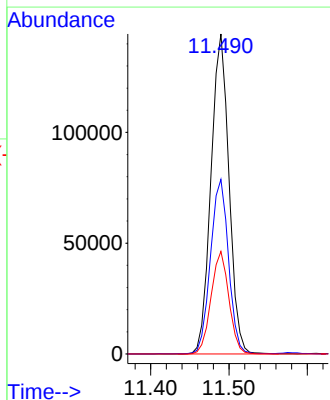
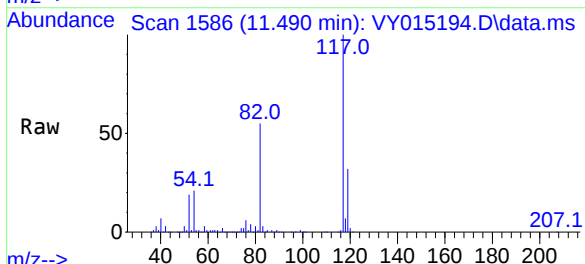
Manual Integrations
APPROVED

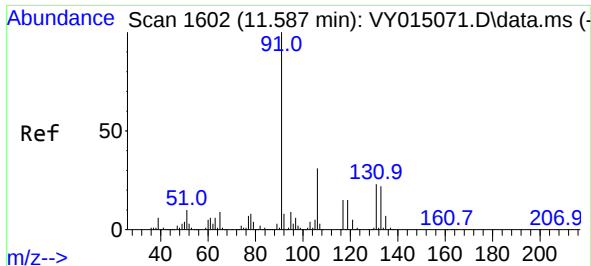
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015194.D
Acq: 18 Aug 2023 14:37

Tgt Ion:117 Resp: 230603
Ion Ratio Lower Upper
117 100
82 54.4 43.4 65.0
119 32.0 26.3 39.5





#67

Ethyl Benzene

Concen: 19.475 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015194.D

Acq: 18 Aug 2023 14:37

Instrument :

MSVOA_Y

ClientSampleId :

B-PP09A

Tgt Ion: 91 Resp: 14336

Ion Ratio Lower Upper

91 100

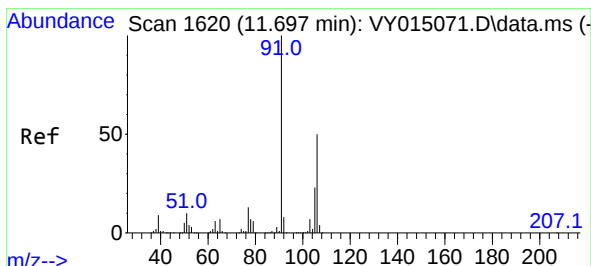
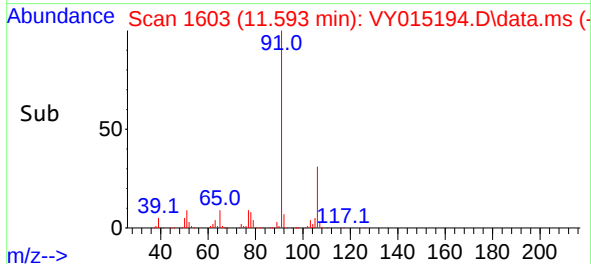
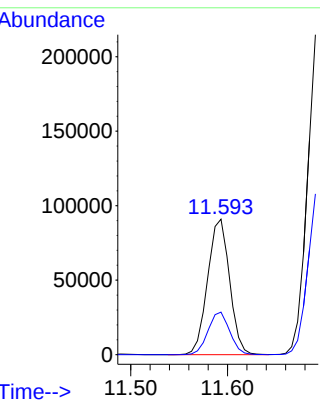
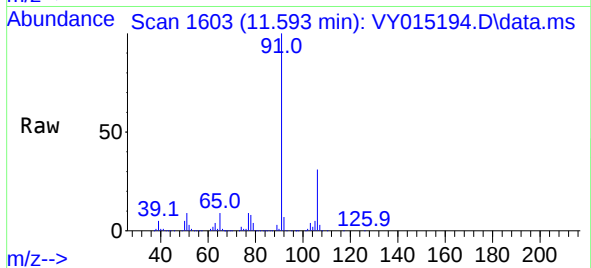
106 31.4 24.6 36.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/21/2023

Supervised By :Mahesh Dadoda 08/21/2023



#68

m/p-Xylenes

Concen: 73.181 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY015194.D

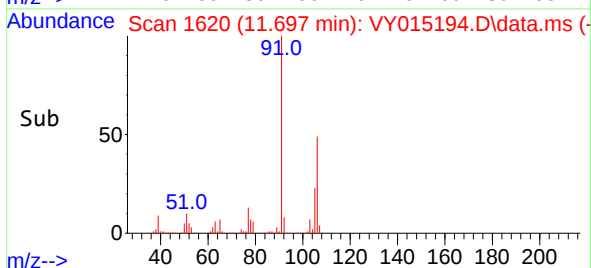
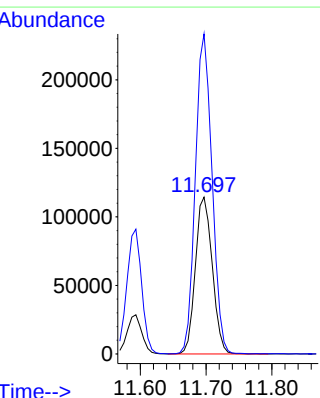
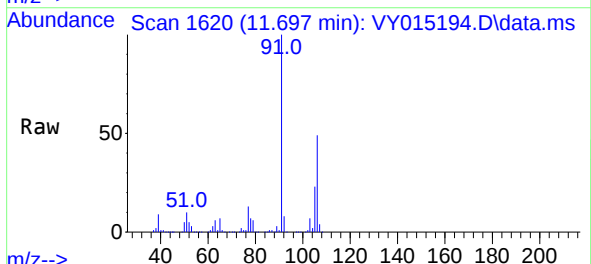
Acq: 18 Aug 2023 14:37

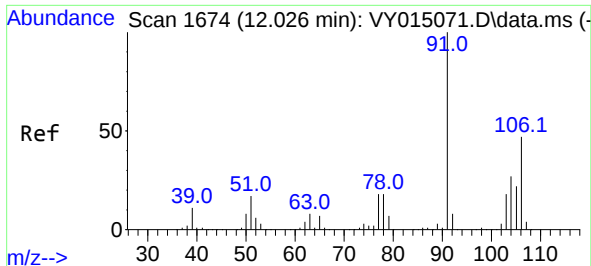
Tgt Ion:106 Resp: 204613

Ion Ratio Lower Upper

106 100

91 201.0 166.1 249.1





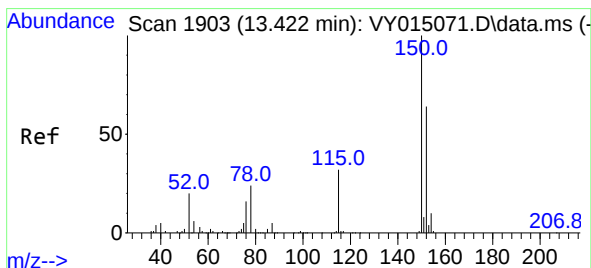
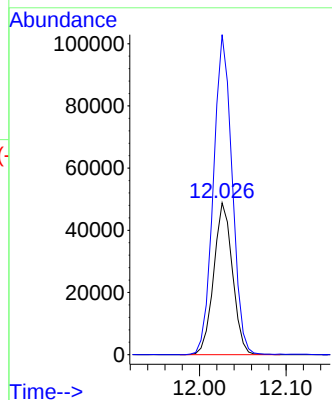
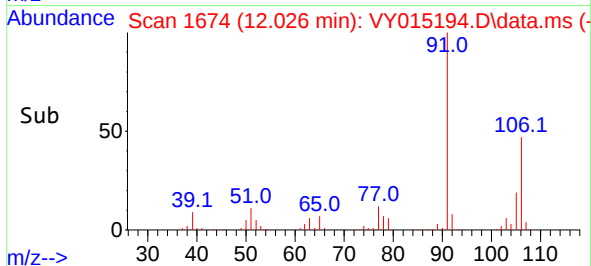
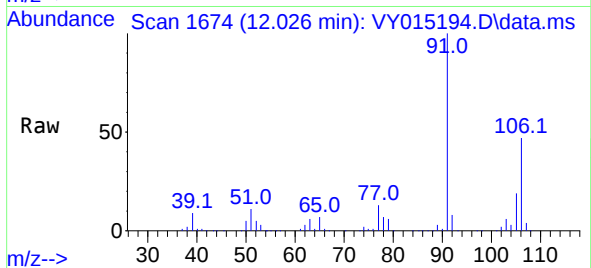
#69
o-Xylene
Concen: 26.330 ug/l
RT: 12.026 min Scan# 106
Delta R.T. 0.000 min
Lab File: VY015194.D
Acq: 18 Aug 2023 14:37

Instrument :
MSVOA_Y
ClientSampleId :
B-PP09A

Tgt Ion:106 Resp: 7333
Ion Ratio Lower Upper
106 100
91 210.9 108.1 324.3

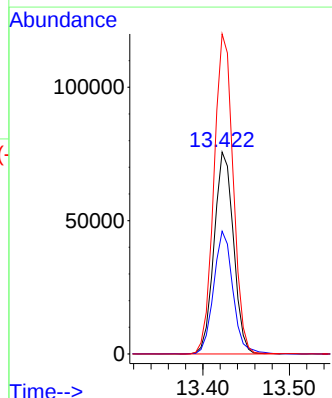
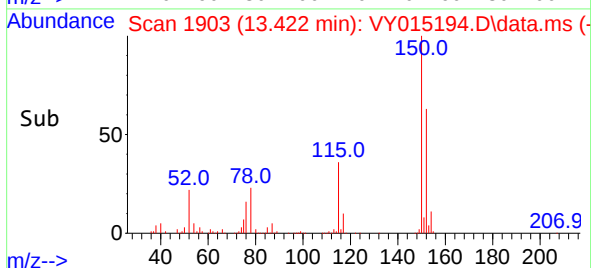
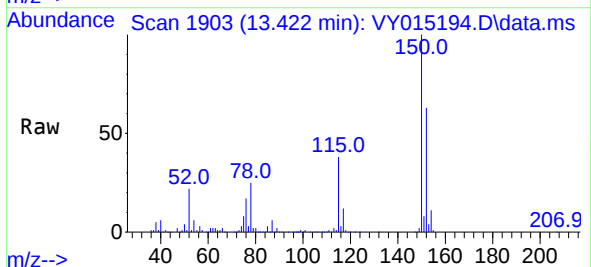
Manual Integrations
APPROVED

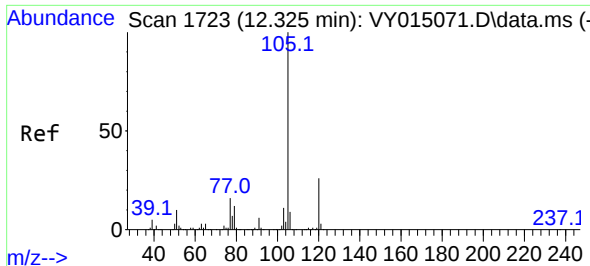
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015194.D
Acq: 18 Aug 2023 14:37

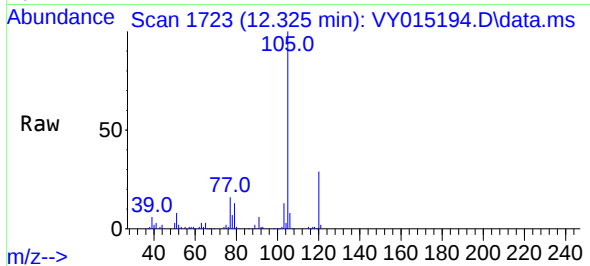
Tgt Ion:152 Resp: 117670
Ion Ratio Lower Upper
152 100
115 60.5 28.8 86.5
150 157.4 0.0 348.8





#73
Isopropylbenzene
Concen: 3.476 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY015194.D
Acq: 18 Aug 2023 14:37

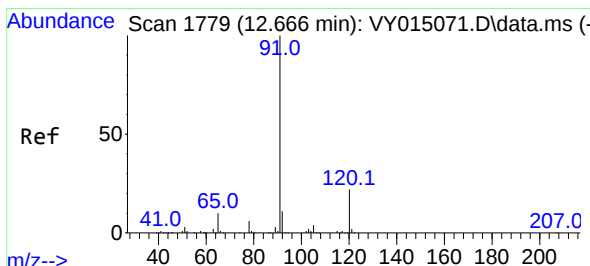
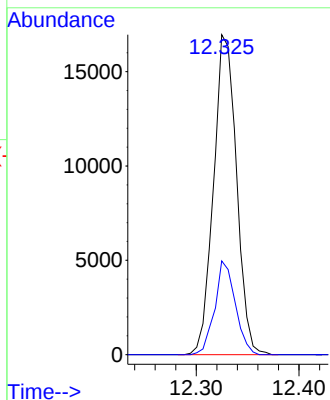
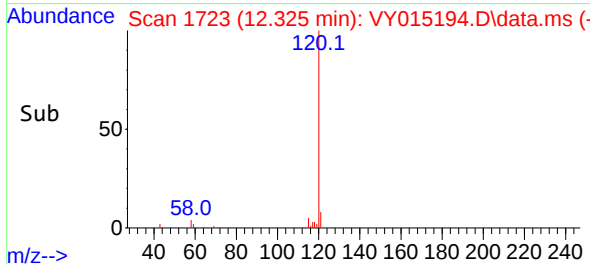
Instrument :
MSVOA_Y
ClientSampleId :
B-PP09A



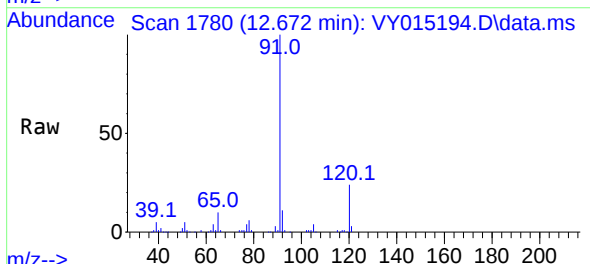
Tgt Ion:105 Resp: 26298
Ion Ratio Lower Upper
105 100
120 26.2 13.3 39.9

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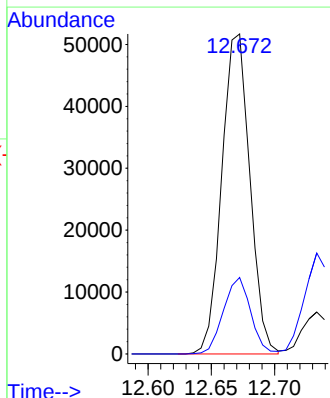
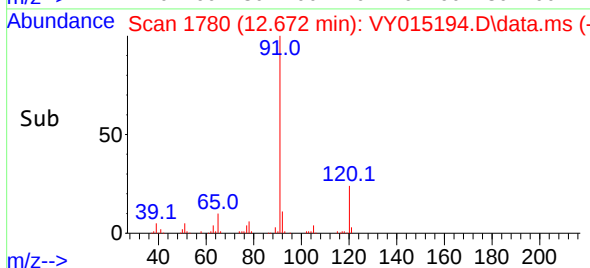
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023

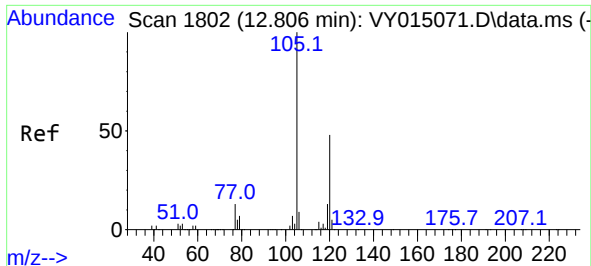


#78
n-propylbenzene
Concen: 8.873 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY015194.D
Acq: 18 Aug 2023 14:37



Tgt Ion: 91 Resp: 79725
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4





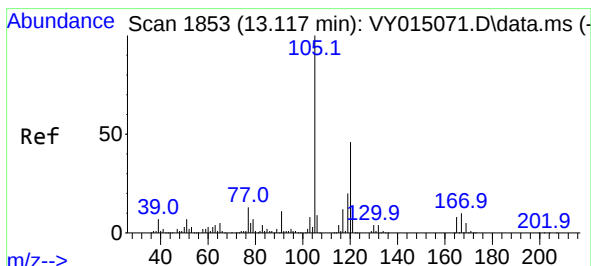
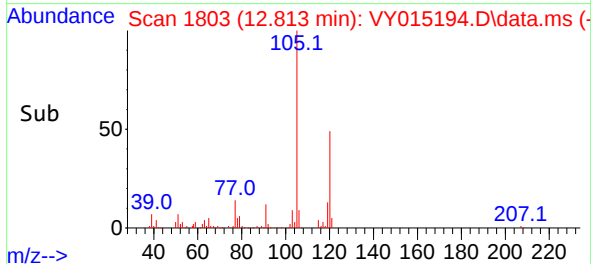
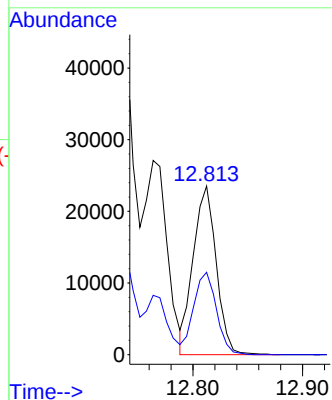
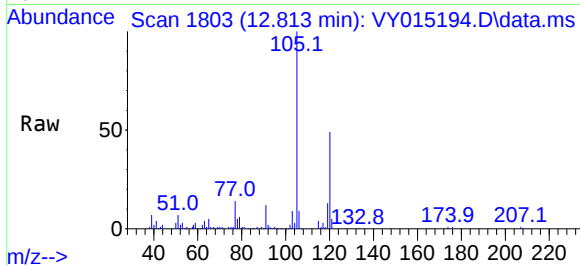
#80
1,3,5-Trimethylbenzene
Concen: 5.450 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015194.D
Acq: 18 Aug 2023 14:37

Instrument :
MSVOA_Y
ClientSampleId :
B-PP09A

Tgt Ion:105 Resp: 34375
Ion Ratio Lower Upper
105 100
120 48.5 23.9 71.7

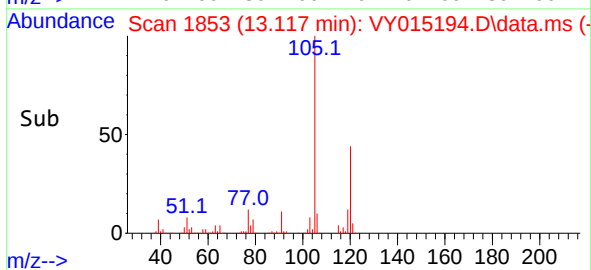
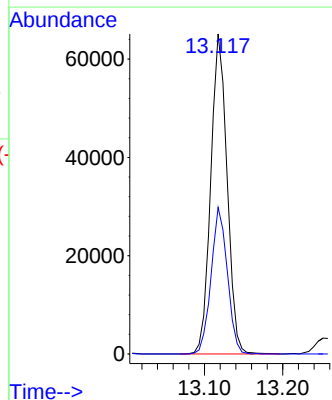
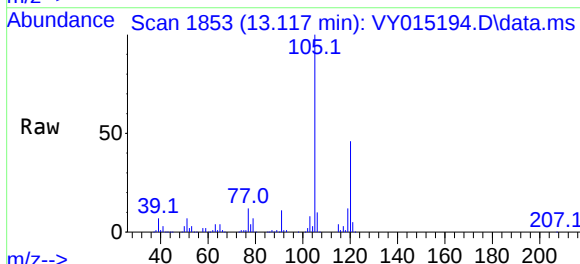
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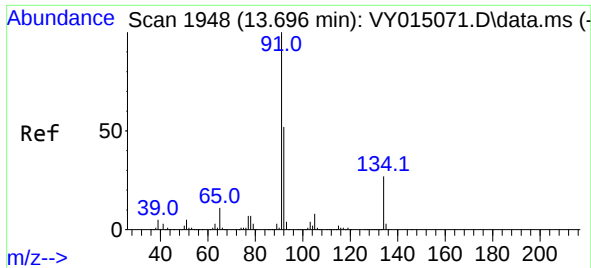
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023



#84
1,2,4-Trimethylbenzene
Concen: 14.929 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY015194.D
Acq: 18 Aug 2023 14:37

Tgt Ion:105 Resp: 94094
Ion Ratio Lower Upper
105 100
120 45.5 22.2 66.6





#89
n-Butylbenzene
Concen: 1.057 ug/l m
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY015194.D
Acq: 18 Aug 2023 14:37

Instrument :
MSVOA_Y
ClientSampleId :
B-PP09A

Tgt Ion: 91	Resp: 698
Ion Ratio	Lower Upper
91	100
92	13.9 25.4 76.0
134	18.7 12.6 37.6

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023

