

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
 Data File : VY015200.D
 Acq On : 18 Aug 2023 16:59
 Operator : SY/MD
 Sample : 04086-12
 Misc : 5.04g/5.2mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP14B

Manual Integrations
 APPROVED

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

Quant Time: Aug 18 23:13:06 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	10427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	16614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	15037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	7304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	5187	41.441	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	82.880%		
35) Dibromofluoromethane	7.716	113	3052	28.554	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	57.100%		
50) Toluene-d8	10.179	98	18955	47.640	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.280%		
62) 4-Bromofluorobenzene	12.477	95	7136	49.104	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.200%		
Target Compounds						Qvalue
20) Methylene Chloride	4.704	84	2007	17.679	ug/l	95
39) Methylcyclohexane	9.179	83	1284	9.686	ug/l	90
52) Toluene	10.240	92	49172	208.678	ug/l	97
67) Ethyl Benzene	11.593	91	55528	115.676	ug/l	99
68) m/p-Xylenes	11.697	106	88884	487.523	ug/l	96
69) o-Xylene	12.026	106	45881	252.619	ug/l	97
73) Isopropylbenzene	12.331	105	13114	27.922	ug/l	96
78) n-propylbenzene	12.672	91	70166	125.806	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	97908	250.081	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	409878	1047.710	ug/l	97
85) sec-Butylbenzene	13.251	105	9523m	18.150	ug/l	
86) p-Isopropyltoluene	13.367	119	5011m	11.519	ug/l	
89) n-Butylbenzene	13.697	91	19784	48.235	ug/l #	70

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

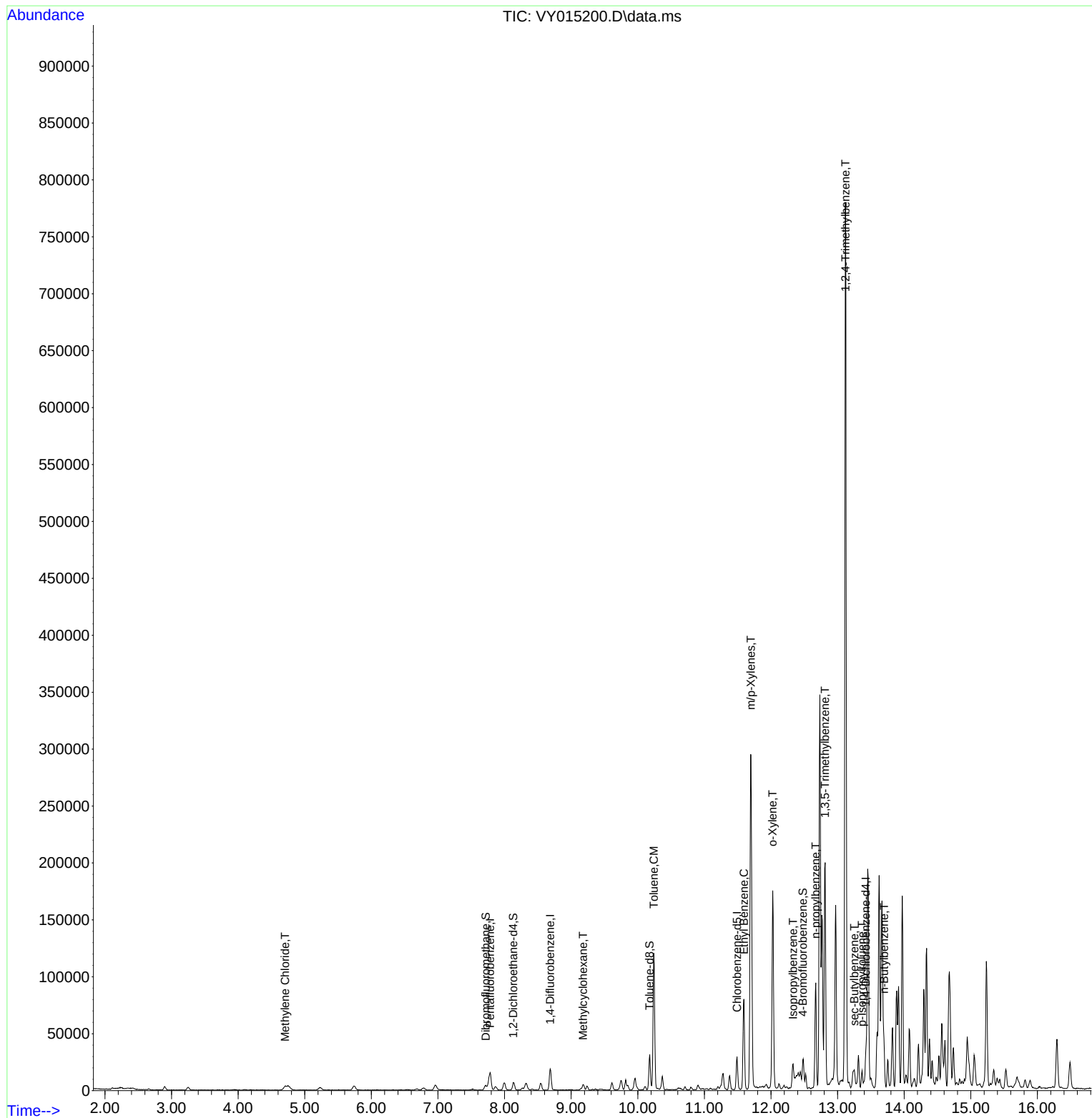
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
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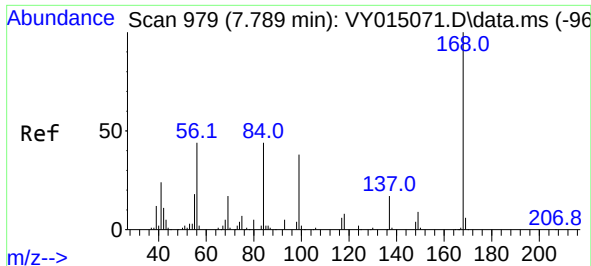
Instrument :
MSVOA_Y
ClientSampleId :
B-PP14B

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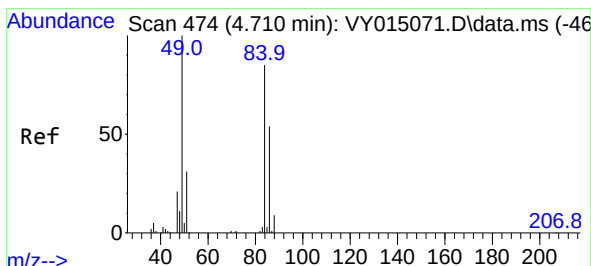
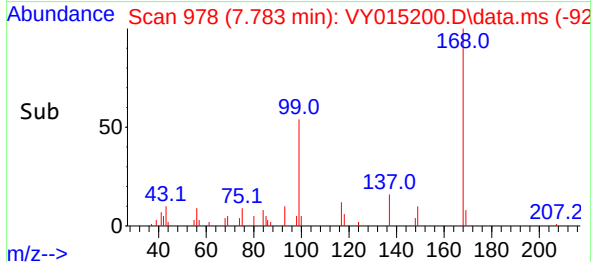
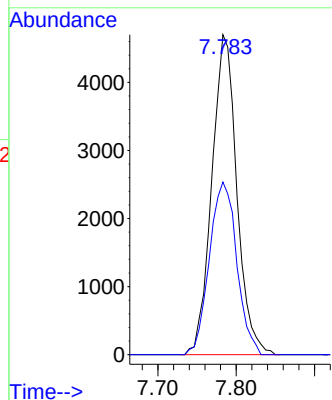
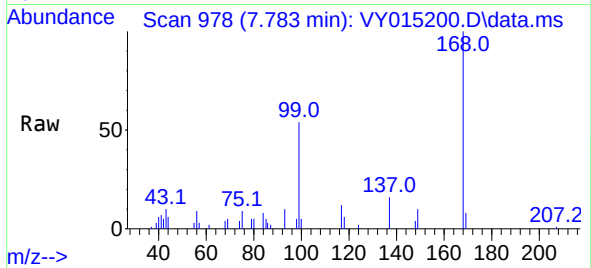
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

Instrument :
MSVOA_Y
ClientSampleId :
B-PP14B

Tgt Ion:168 Resp: 1042
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0

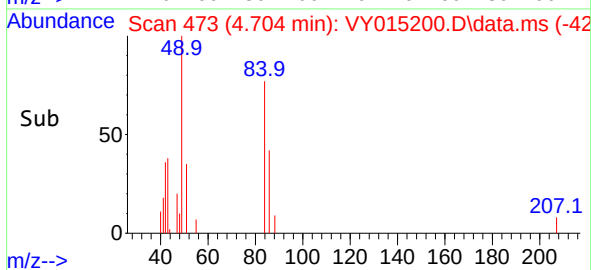
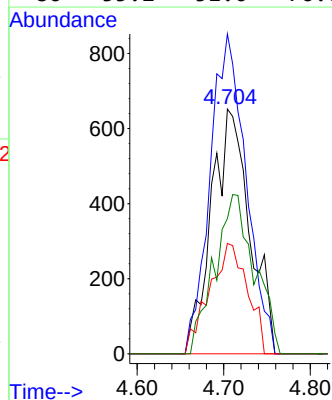
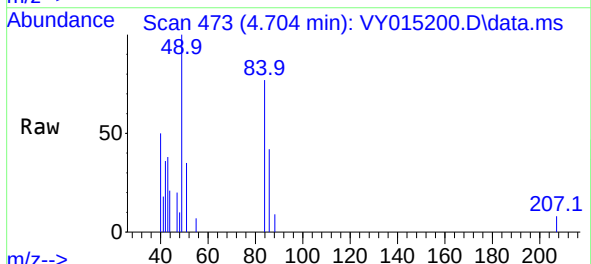
Manual Integrations
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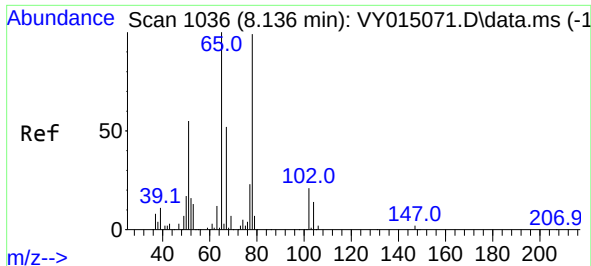
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023



#20
Methylene Chloride
Concen: 17.679 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

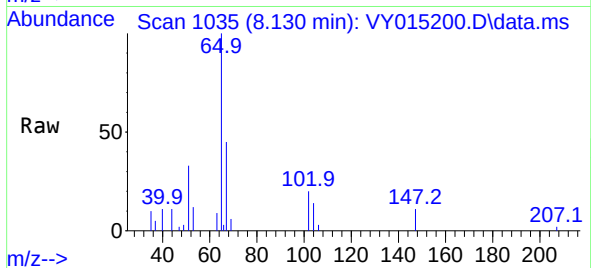
Tgt Ion: 84 Resp: 2007
Ion Ratio Lower Upper
84 100
49 130.7 106.9 160.3
51 45.1 33.2 49.8
86 55.2 51.0 76.6





#33
1,2-Dichloroethane-d4
Concen: 41.441 ug/l
RT: 8.130 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

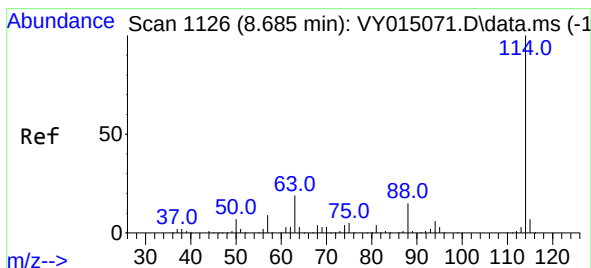
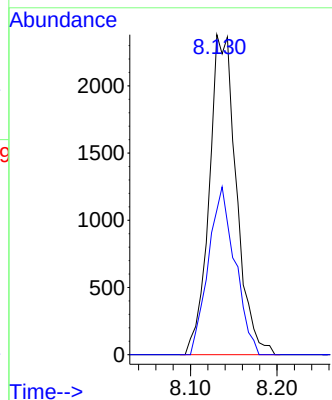
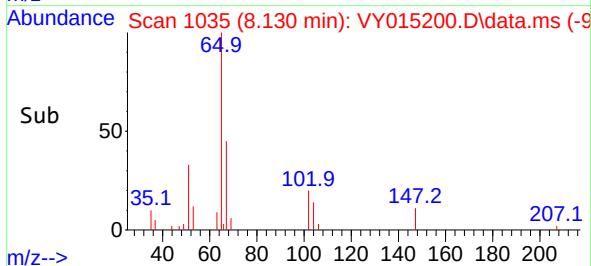
Instrument :
MSVOA_Y
ClientSampleId :
B-PP14B



Tgt Ion: 65 Resp: 518
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.8

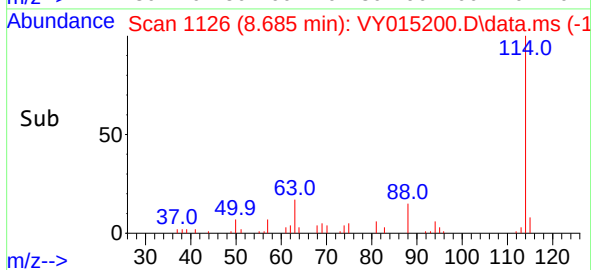
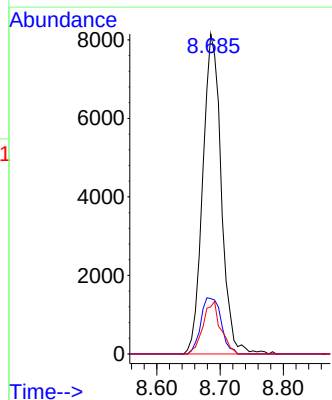
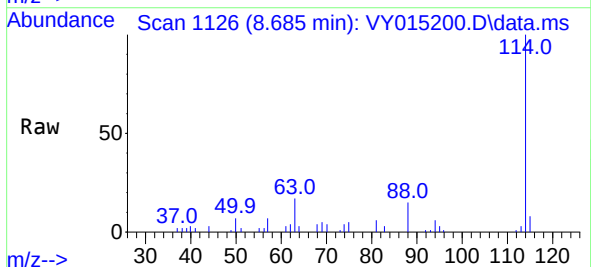
Manual Integrations
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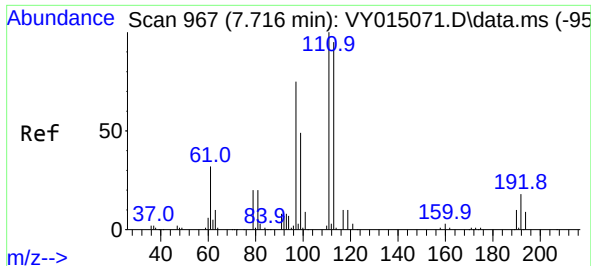
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

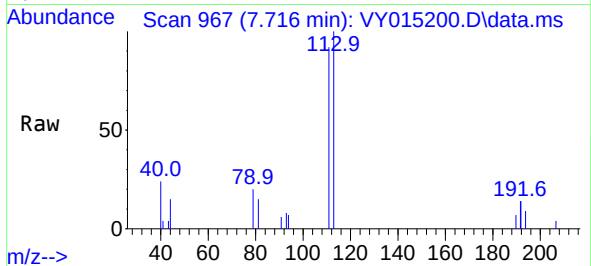
Tgt Ion:114 Resp: 16614
Ion Ratio Lower Upper
114 100
63 17.3 0.0 42.4
88 14.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 28.554 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

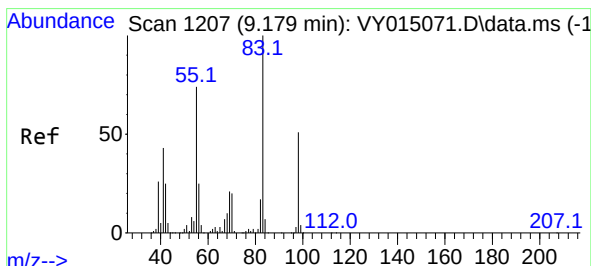
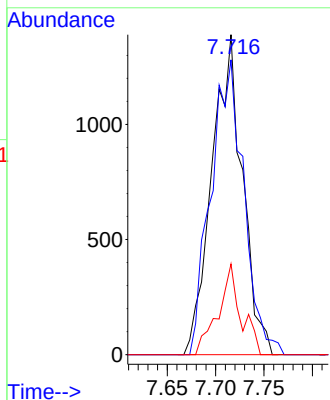
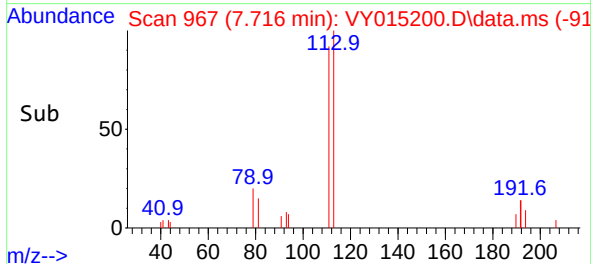
Instrument :
MSVOA_Y
ClientSampleId :
B-PP14B



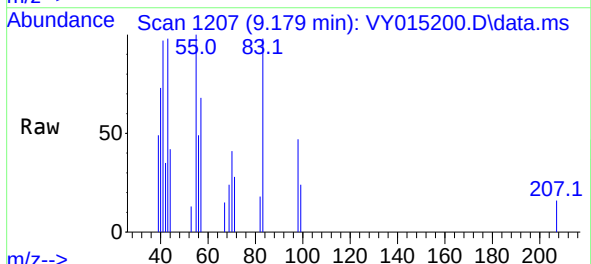
Tgt Ion: 113 Resp: 3052
Ion Ratio Lower Upper
113 100
111 99.3 81.3 121.9
192 21.0 16.9 25.3

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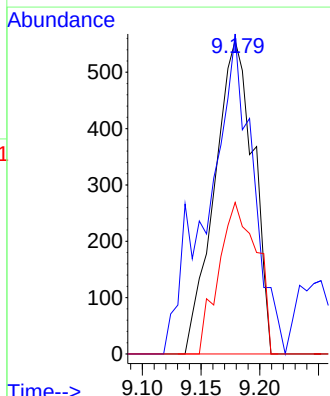
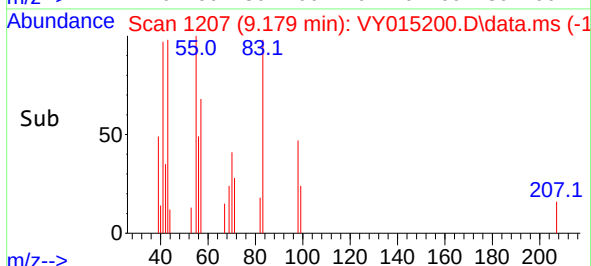
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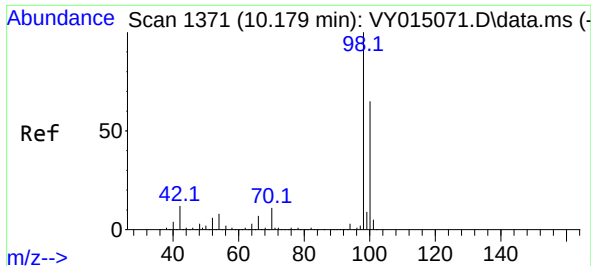


#39
Methylcyclohexane
Concen: 9.686 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. 0.000 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59



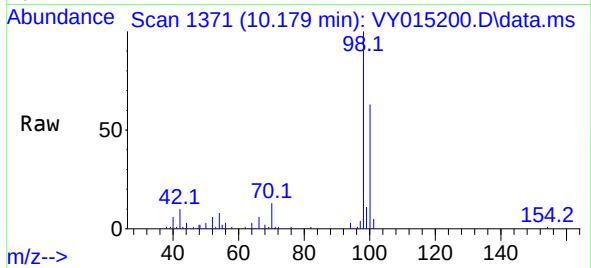
Tgt Ion: 83 Resp: 1284
Ion Ratio Lower Upper
83 100
55 91.4 63.0 94.4
98 48.4 37.4 56.2





#50
Toluene-d8
Concen: 47.640 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

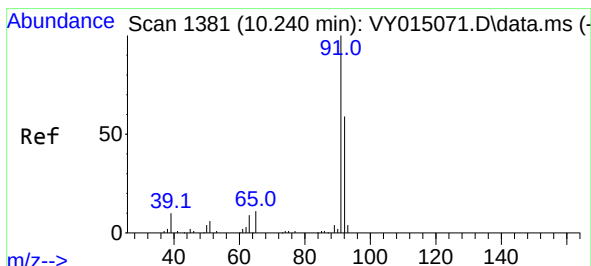
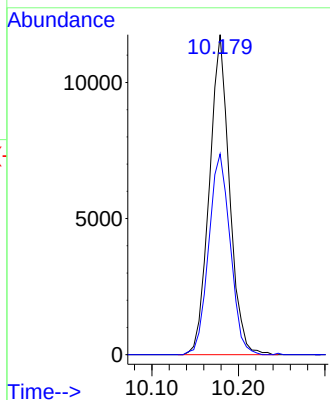
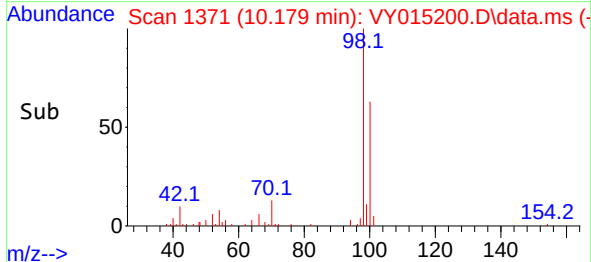
Instrument :
MSVOA_Y
ClientSampleId :
B-PP14B



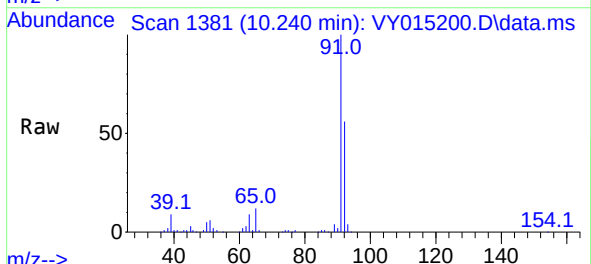
Tgt Ion: 98 Resp: 1895
Ion Ratio Lower Upper
98 100
100 67.0 50.1 75.1

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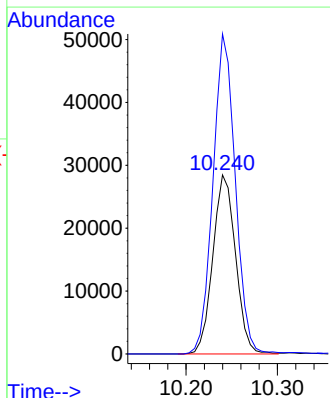
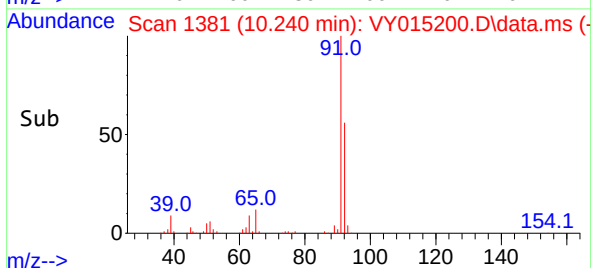
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023

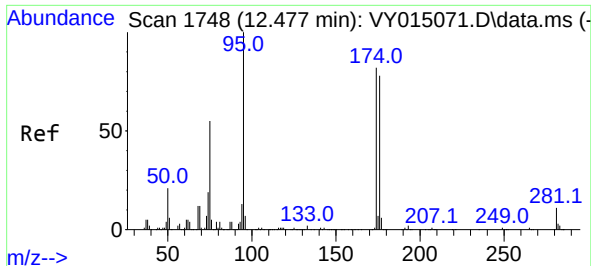


#52
Toluene
Concen: 208.678 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59



Tgt Ion: 92 Resp: 49172
Ion Ratio Lower Upper
92 100
91 175.6 143.8 215.6





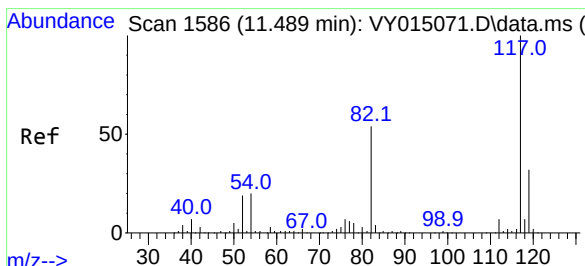
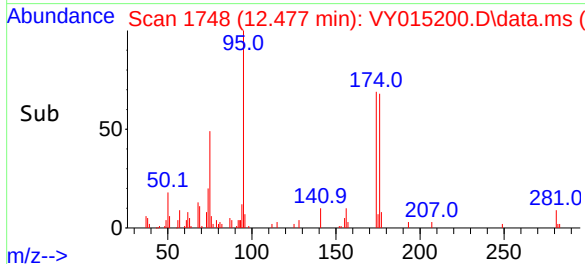
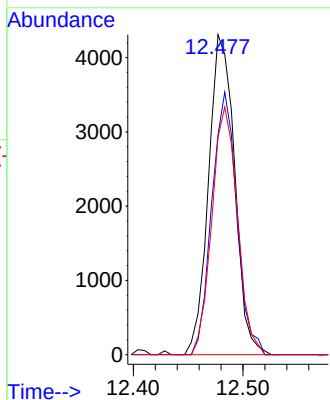
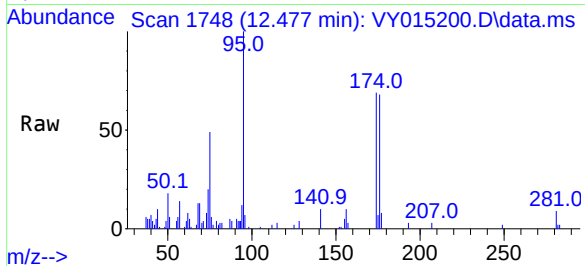
#62
4-Bromofluorobenzene
Concen: 49.104 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

Instrument :
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B-PP14B

Tgt Ion:	95	Resp:	7130
Ion Ratio	Lower	Upper	
95	100		
174	78.2	0.0	178.2
176	75.7	0.0	173.8

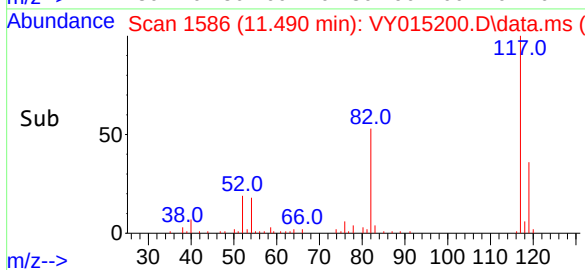
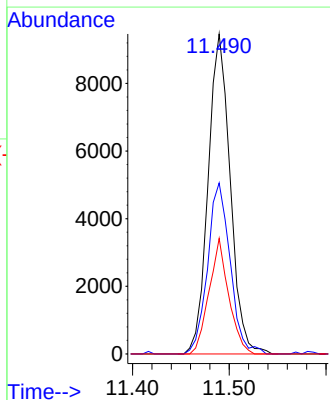
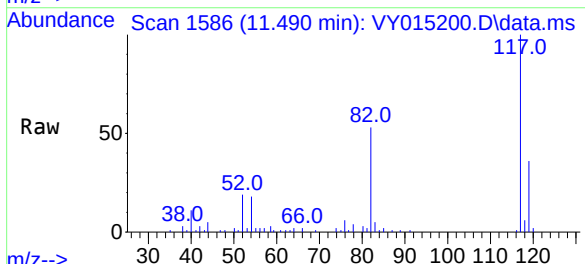
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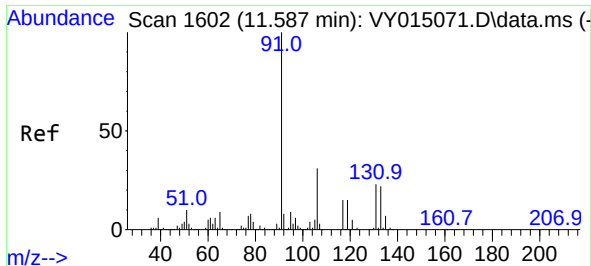
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

Tgt Ion:	117	Resp:	15037
Ion Ratio	Lower	Upper	
117	100		
82	53.5	43.4	65.0
119	36.1	26.3	39.5





#67

Ethyl Benzene

Concen: 115.676 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015200.D

Acq: 18 Aug 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

B-PP14B

Tgt Ion: 91 Resp: 55528

Ion Ratio Lower Upper

91 100

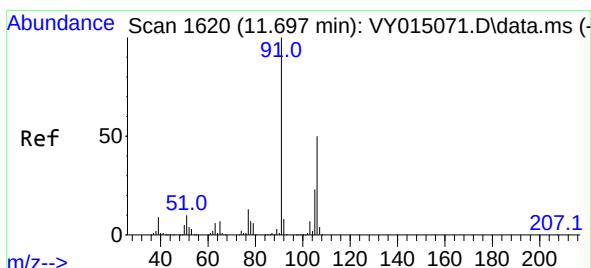
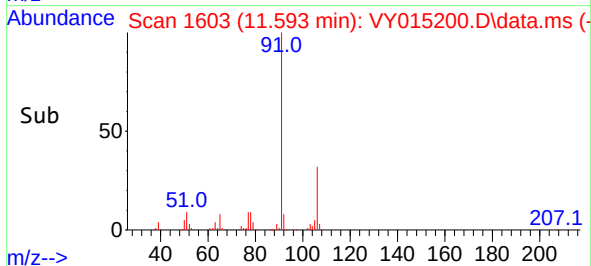
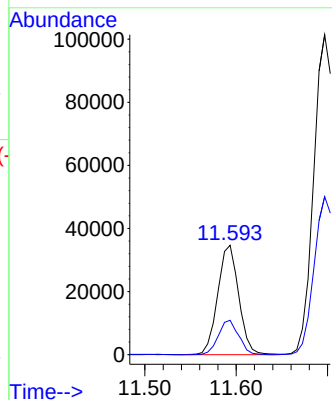
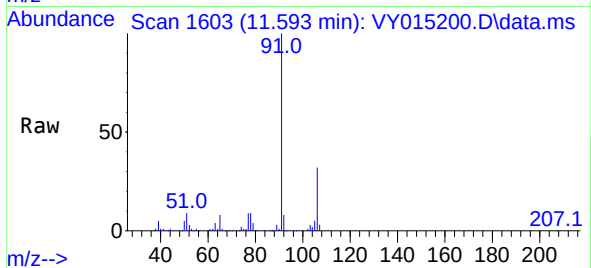
106 31.5 24.6 36.8

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 08/21/2023



#68

m/p-Xylenes

Concen: 487.523 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY015200.D

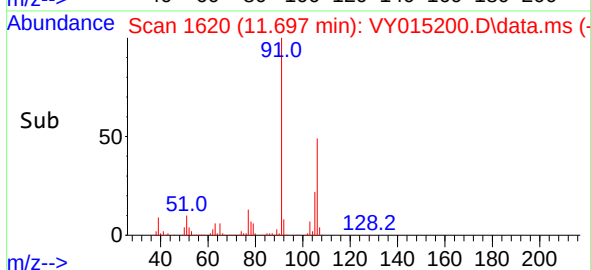
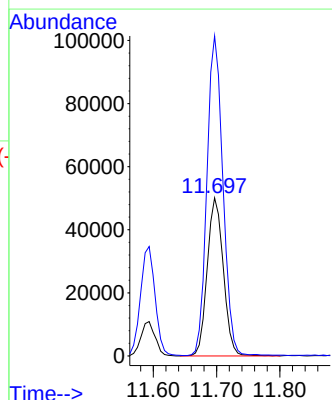
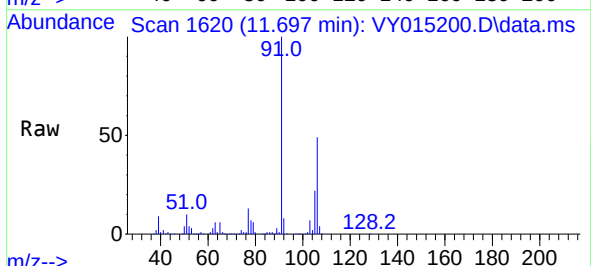
Acq: 18 Aug 2023 16:59

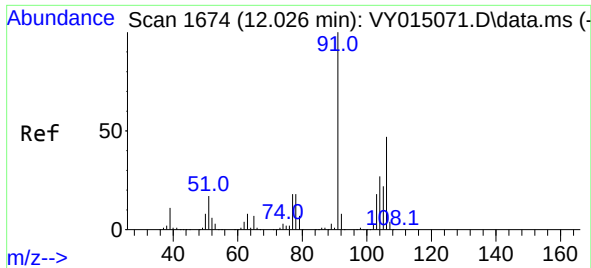
Tgt Ion:106 Resp: 88884

Ion Ratio Lower Upper

106 100

91 201.1 166.1 249.1





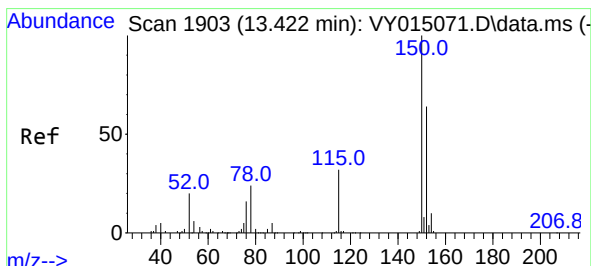
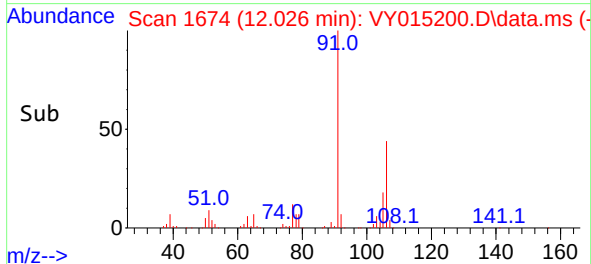
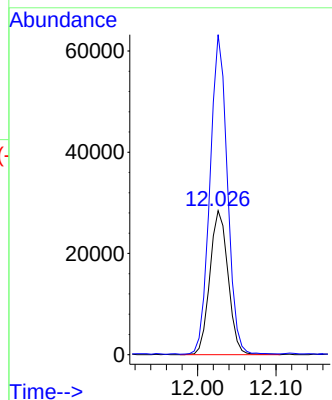
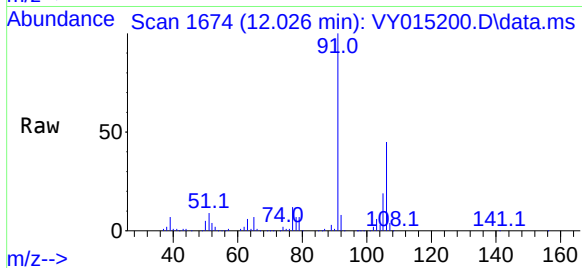
#69
o-Xylene
Concen: 252.619 ug/l
RT: 12.026 min Scan# 106
Delta R.T. 0.000 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

Instrument :
MSVOA_Y
ClientSampleId :
B-PP14B

Tgt Ion:106 Resp: 4588
Ion Ratio Lower Upper
106 100
91 211.9 108.1 324.3

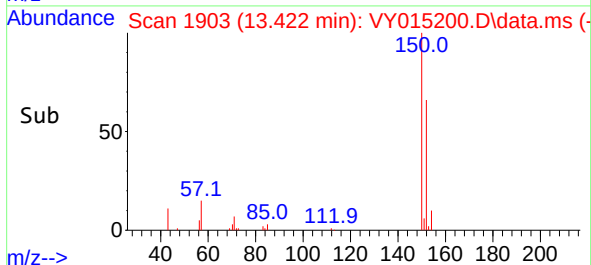
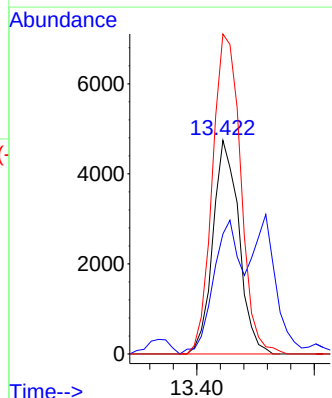
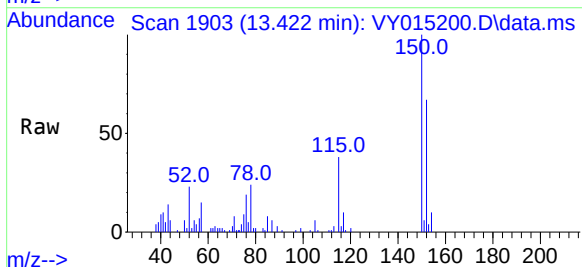
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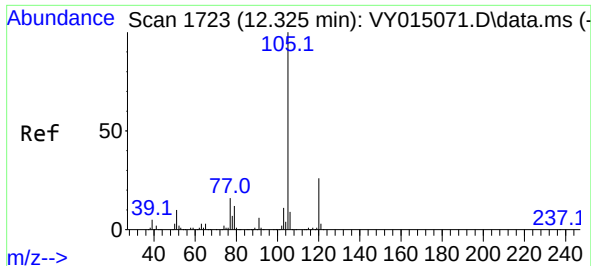
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

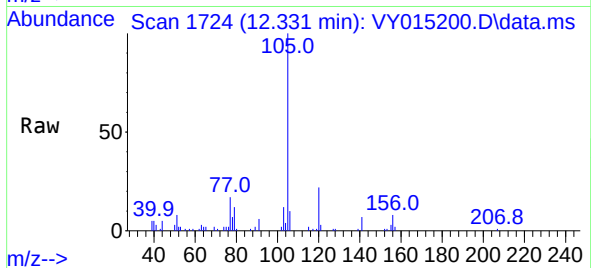
Tgt Ion:152 Resp: 7304
Ion Ratio Lower Upper
152 100
115 66.1 28.8 86.5
150 162.6 0.0 348.8





#73
Isopropylbenzene
Concen: 27.922 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

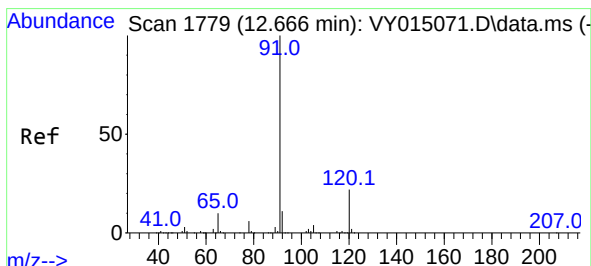
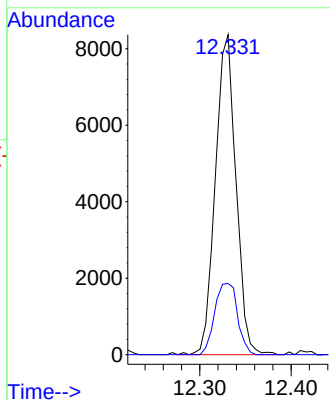
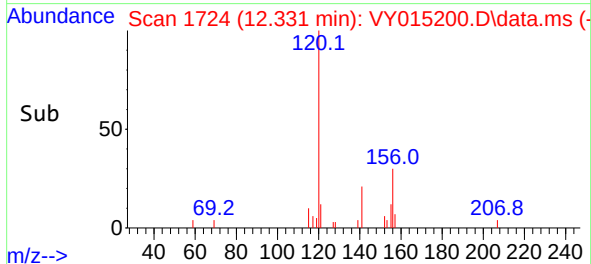
Instrument :
MSVOA_Y
ClientSampleId :
B-PP14B



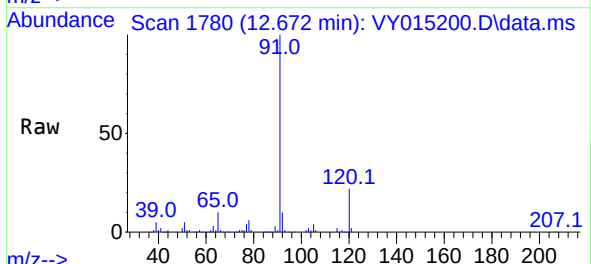
Tgt Ion:105 Resp: 13114
Ion Ratio Lower Upper
105 100
120 24.6 13.3 39.9

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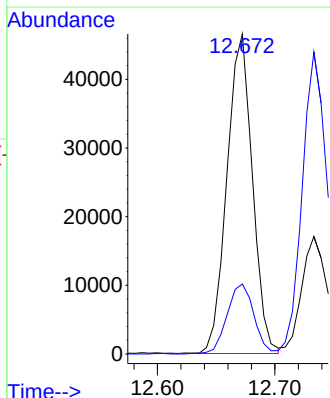
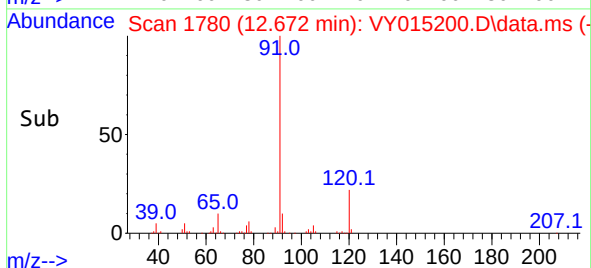
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023

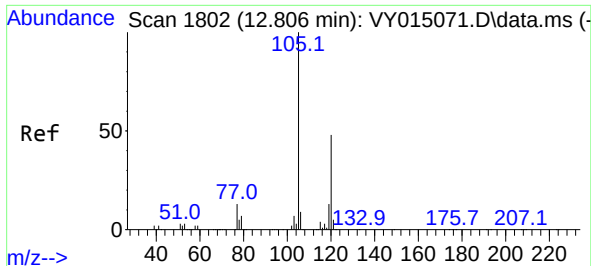


#78
n-propylbenzene
Concen: 125.806 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59



Tgt Ion: 91 Resp: 70166
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4





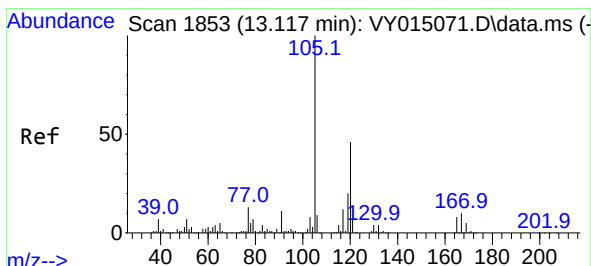
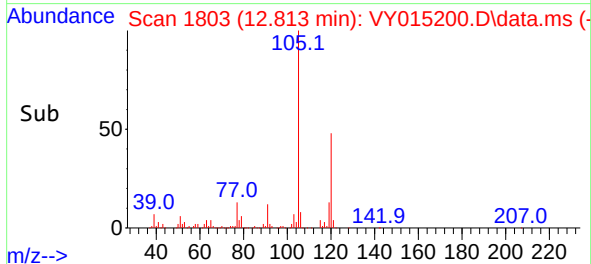
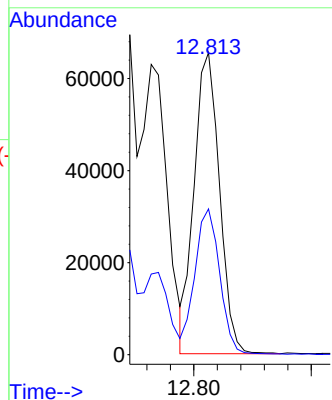
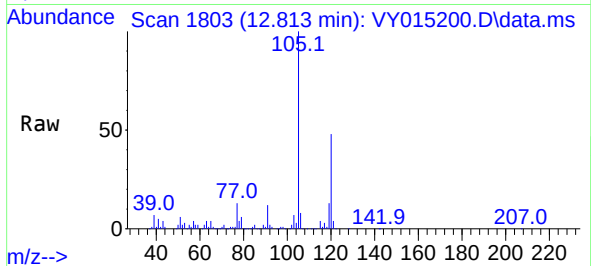
#80
1,3,5-Trimethylbenzene
Concen: 250.081 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

Instrument :
MSVOA_Y
ClientSampleId :
B-PP14B

Tgt Ion:105 Resp: 97908
Ion Ratio Lower Upper
105 100
120 47.6 23.9 71.7

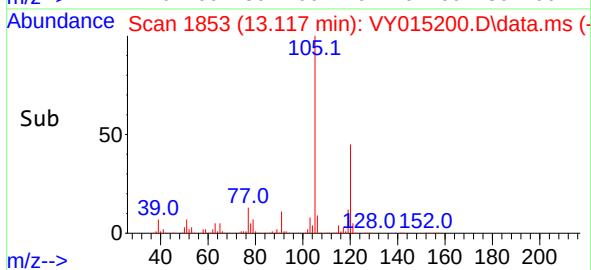
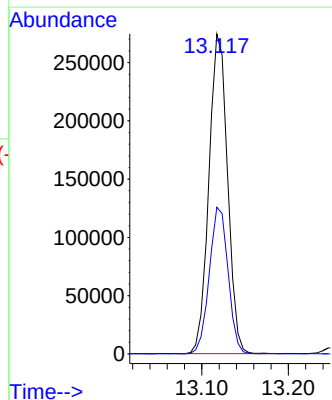
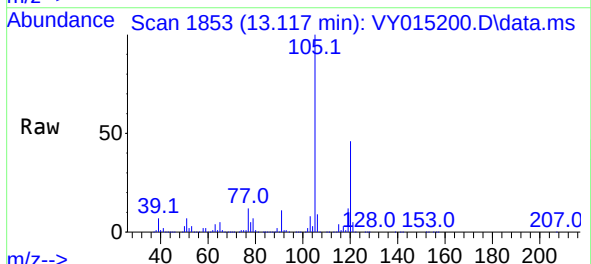
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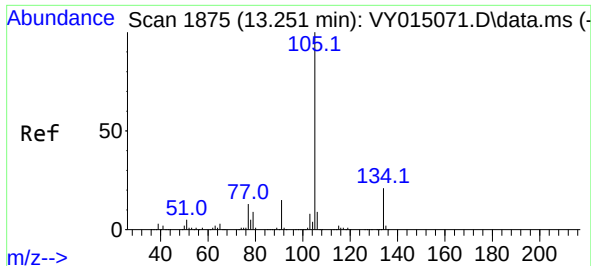
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023



#84
1,2,4-Trimethylbenzene
Concen: 1047.710 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

Tgt Ion:105 Resp: 409878
Ion Ratio Lower Upper
105 100
120 46.2 22.2 66.6





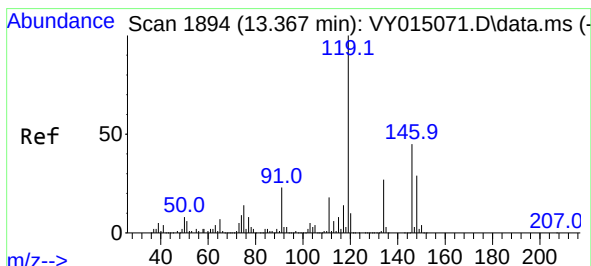
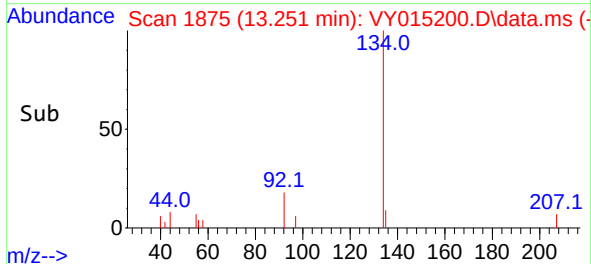
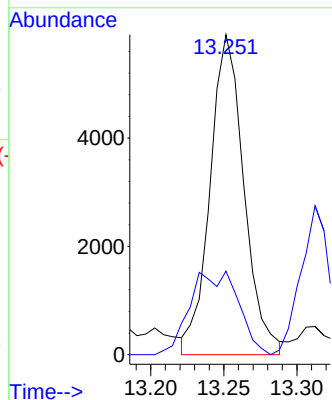
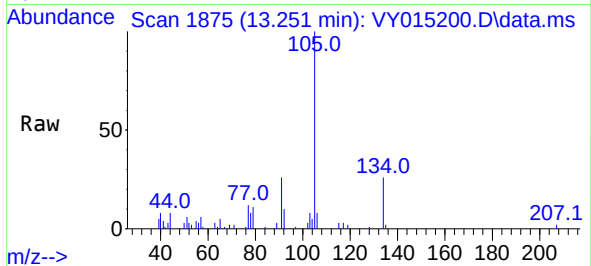
#85
 sec-Butylbenzene
 Concen: 18.150 ug/l m
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY015200.D
 Acq: 18 Aug 2023 16:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP14B

Tgt Ion:105 Resp: 952
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.6

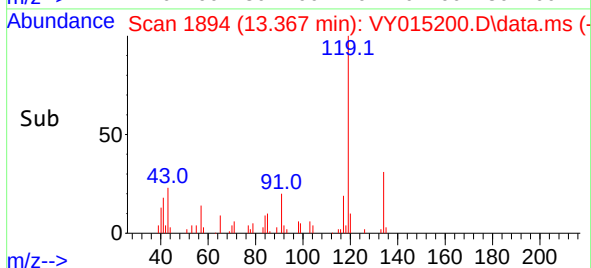
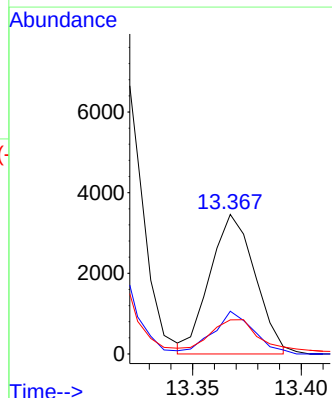
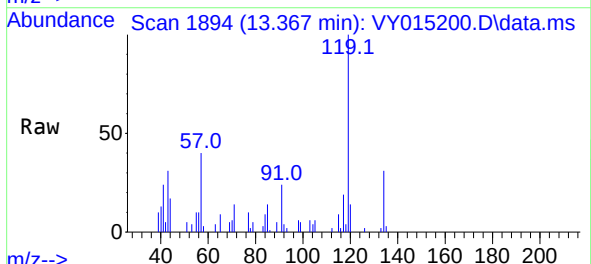
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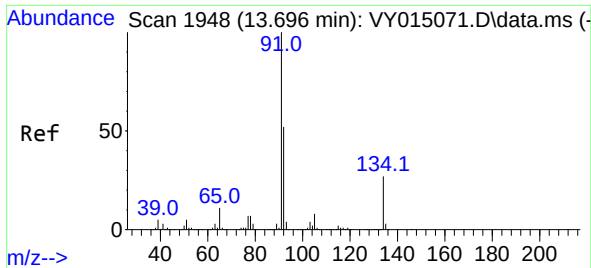
Reviewed By :Semsettin Yesilyurt 08/21/2023
 Supervised By :Mahesh Dadoda 08/21/2023



#86
 p-Isopropyltoluene
 Concen: 11.519 ug/l m
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY015200.D
 Acq: 18 Aug 2023 16:59

Tgt Ion:119 Resp: 5011
 Ion Ratio Lower Upper
 119 100
 134 75.1 13.3 39.8#
 91 66.4 12.4 37.4#





#89

n-Butylbenzene

Concen: 48.235 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015200.D

Acq: 18 Aug 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

B-PP14B

Tgt Ion:	91	Resp:	19784
Ion	Ratio	Lower	Upper
91	100		
92	64.7	25.4	76.0
134	0.0	12.6	37.6

Manual Integrations

APPROVED

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

