

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
 Data File : VY015202.D
 Acq On : 18 Aug 2023 17:46
 Operator : SY/MD
 Sample : 04086-14
 Misc : 5.08g/5.2mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP17B

Manual Integrations
 APPROVED

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

Quant Time: Aug 18 23:14:13 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	18073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	27504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	23276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	7305	33.671	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	67.340%		
35) Dibromofluoromethane	7.710	113	7111	40.188	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	80.380%		
50) Toluene-d8	10.179	98	31167	47.317	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.640%		
62) 4-Bromofluorobenzene	12.483	95	10145	42.169	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	84.340%		
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	1094	15.436	ug/l #	88
20) Methylene Chloride	4.704	84	2653	12.360	ug/l	84
52) Toluene	10.240	92	27061	69.372	ug/l	96
67) Ethyl Benzene	11.593	91	19596	26.372	ug/l	99
68) m/p-Xylenes	11.697	106	29542	104.680	ug/l	95
69) o-Xylene	12.032	106	17145	60.985	ug/l	97
73) Isopropylbenzene	12.331	105	5475	7.887	ug/l	96
78) n-propylbenzene	12.672	91	25834	31.338	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	40514	70.011	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	170002	293.994	ug/l	98
85) sec-Butylbenzene	13.251	105	4468m	5.761	ug/l	
86) p-Isopropyltoluene	13.367	119	2387	3.712	ug/l	95
89) n-Butylbenzene	13.696	91	7937	13.092	ug/l #	69

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

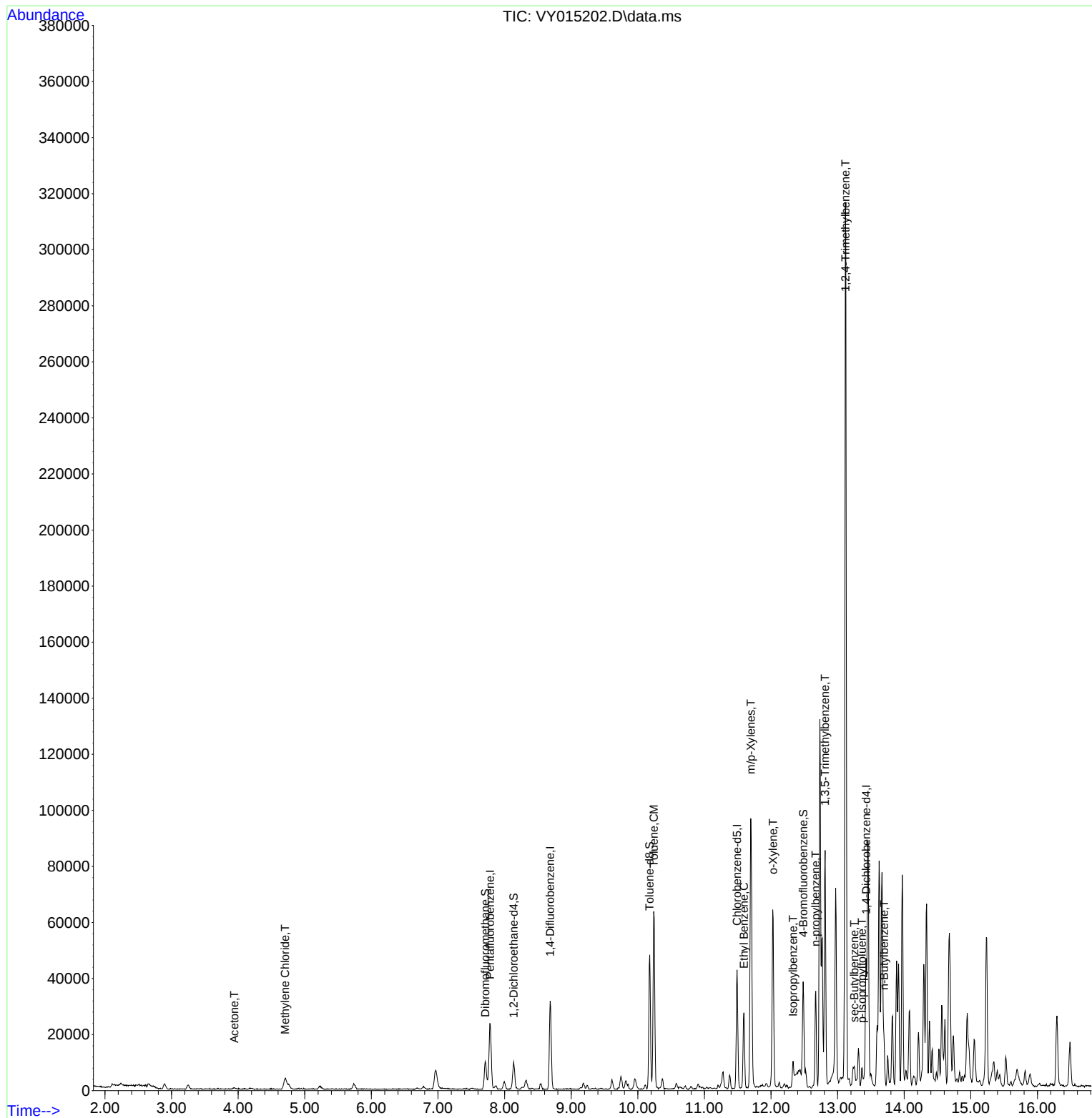
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
Data File : VY015202.D
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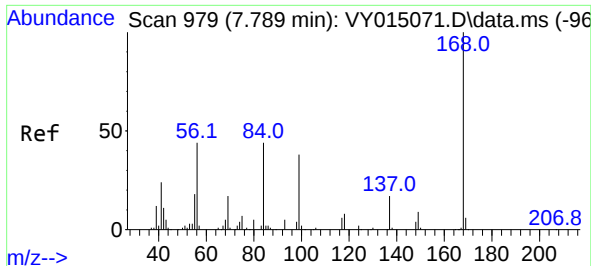
Instrument :
MSVOA_Y
ClientSampleId :
B-PP17B

Quant Time: Aug 18 23:14:13 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

Manual Integrations
APPROVED

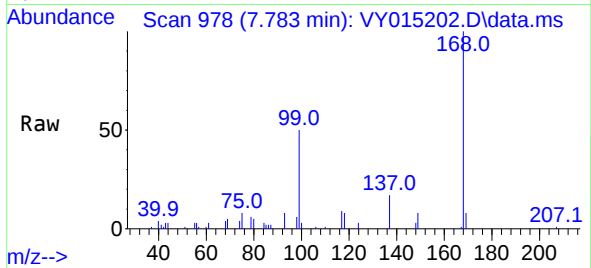
Reviewed By : Semsettin Yesilyurt 08/21/2023
Supervised By : Mahesh Dadoda 08/21/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

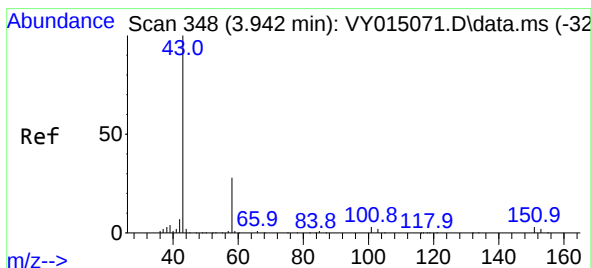
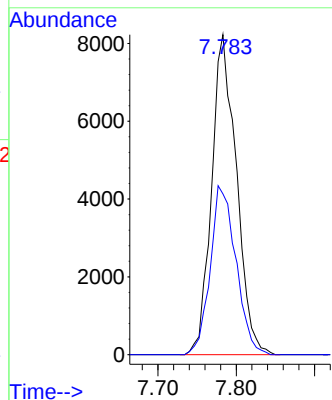
Instrument :
MSVOA_Y
ClientSampleId :
B-PP17B



Tgt Ion:168 Resp: 1807
Ion Ratio Lower Upper
168 100
99 50.3 43.4 65.0

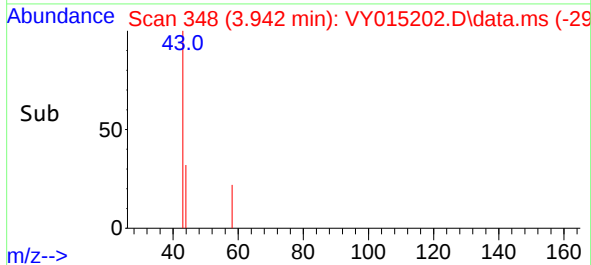
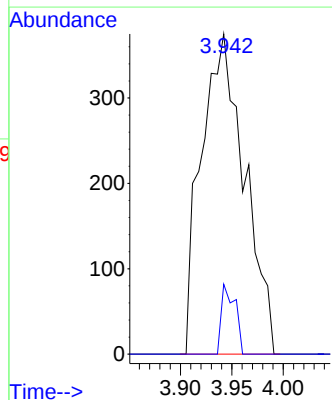
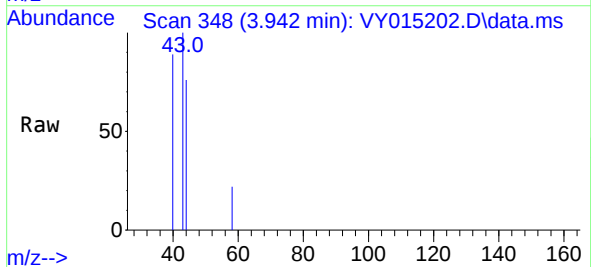
Manual Integrations
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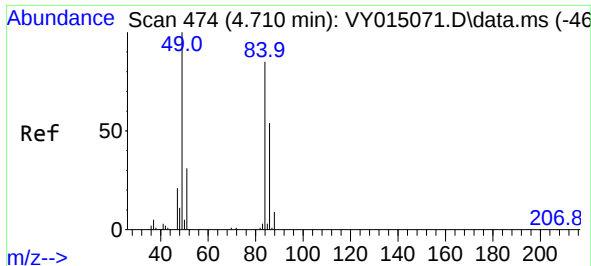
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023



#16
Acetone
Concen: 15.436 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

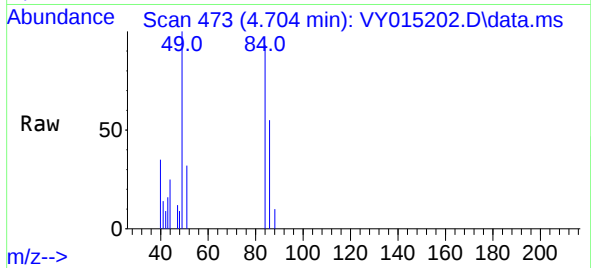
Tgt Ion: 43 Resp: 1094
Ion Ratio Lower Upper
43 100
58 21.9 22.7 34.1#





#20
Methylene Chloride
Concen: 12.360 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

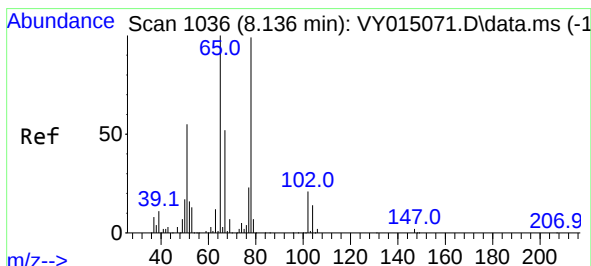
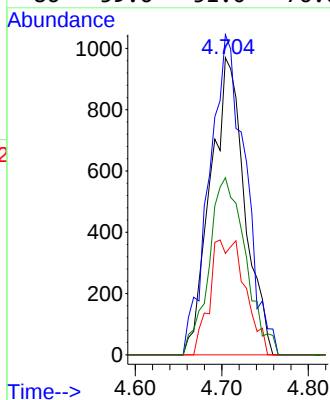
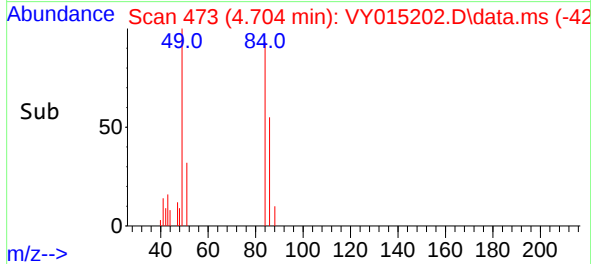
Instrument :
MSVOA_Y
ClientSampleId :
B-PP17B



Tgt Ion: 84 Resp: 265
Ion Ratio Lower Upper
84 100
49 107.7 106.9 160.3
51 34.1 33.2 49.8
86 59.6 51.0 76.6

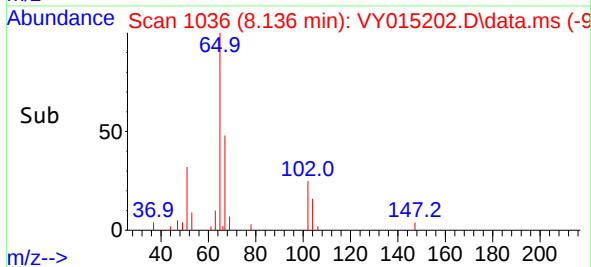
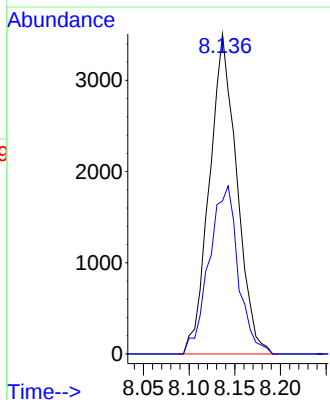
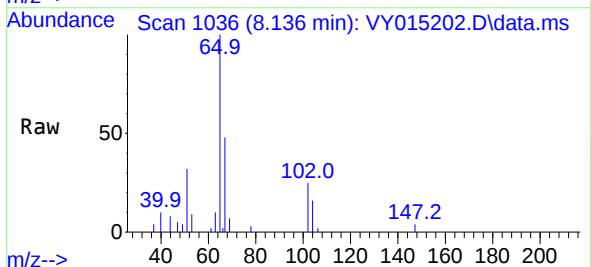
Manual Integrations
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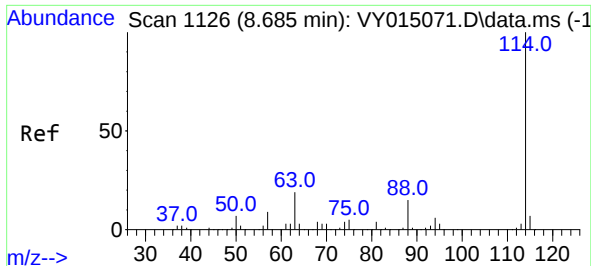
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023



#33
1,2-Dichloroethane-d4
Concen: 33.671 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

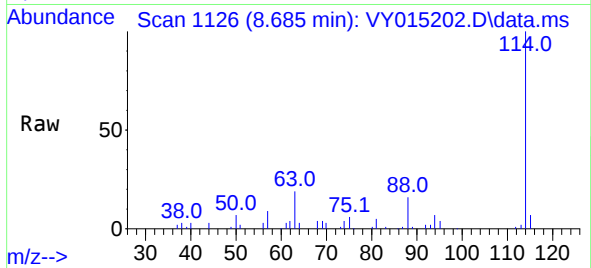
Tgt Ion: 65 Resp: 7305
Ion Ratio Lower Upper
65 100
67 56.0 0.0 101.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

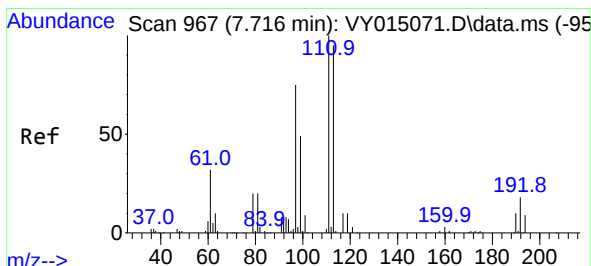
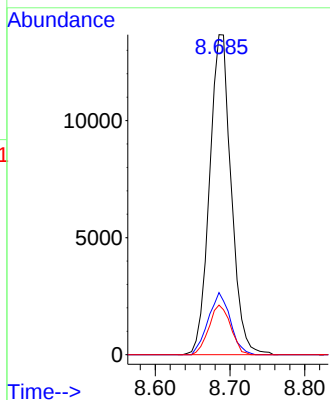
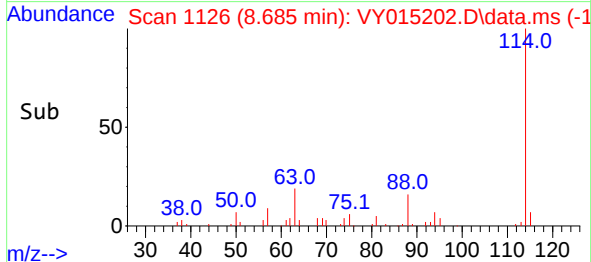
Instrument :
MSVOA_Y
ClientSampleId :
B-PP17B



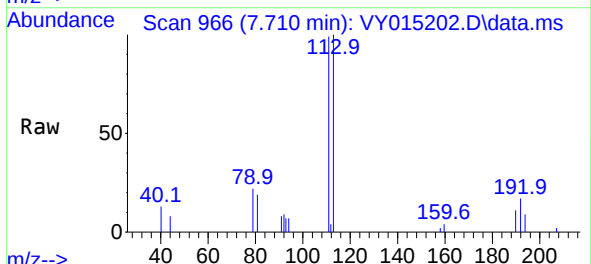
Tgt Ion:114 Resp: 27504
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.4
88 15.5 0.0 30.6

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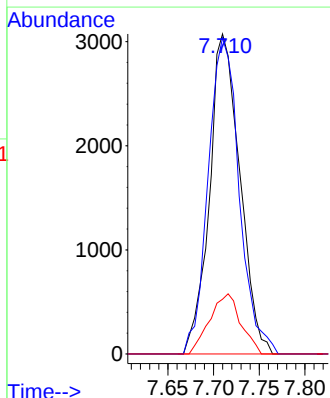
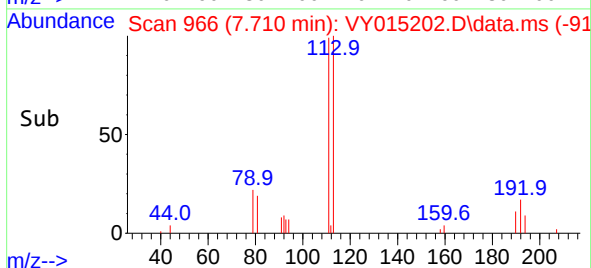
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023

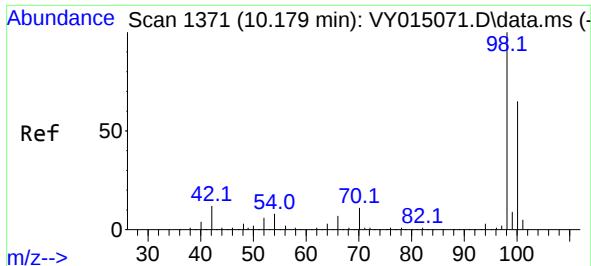


#35
Dibromofluoromethane
Concen: 40.188 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46



Tgt Ion:113 Resp: 7111
Ion Ratio Lower Upper
113 100
111 100.8 81.3 121.9
192 19.2 16.9 25.3





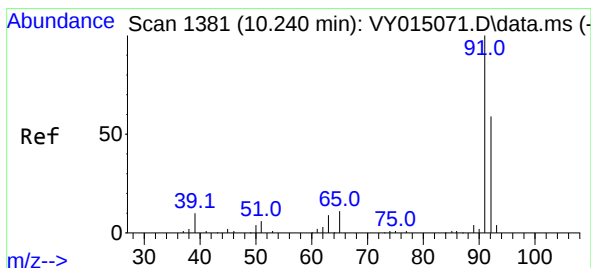
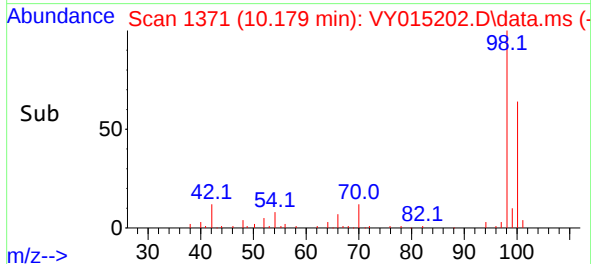
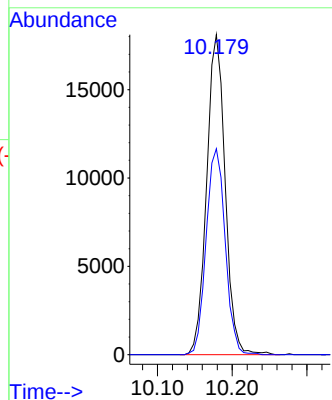
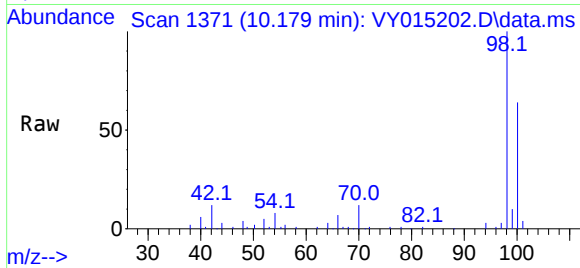
#50
Toluene-d8
Concen: 47.317 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

Instrument :
MSVOA_Y
ClientSampleId :
B-PP17B

Tgt Ion: 98 Resp: 3116
Ion Ratio Lower Upper
98 100
100 66.2 50.1 75.1

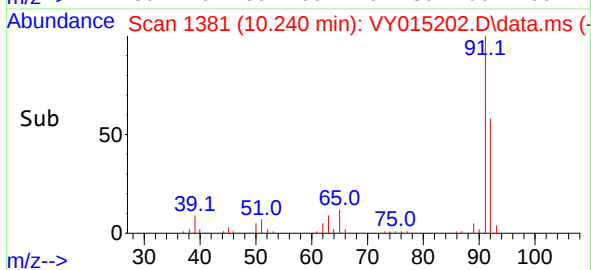
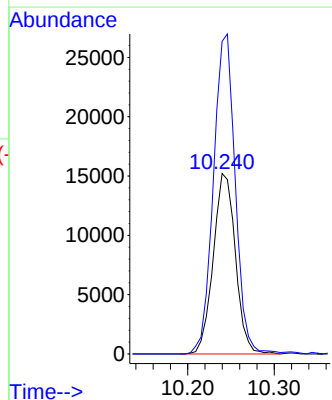
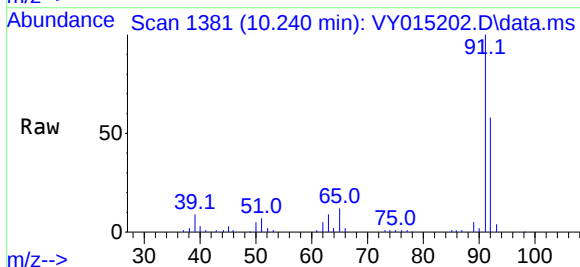
Manual Integrations
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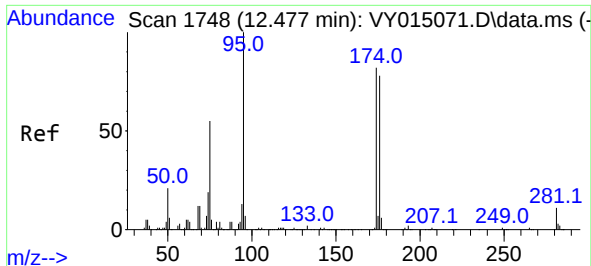
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023



#52
Toluene
Concen: 69.372 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

Tgt Ion: 92 Resp: 27061
Ion Ratio Lower Upper
92 100
91 174.3 143.8 215.6





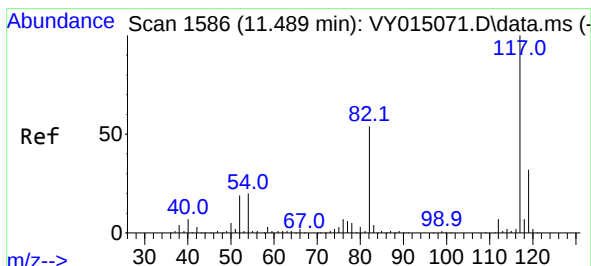
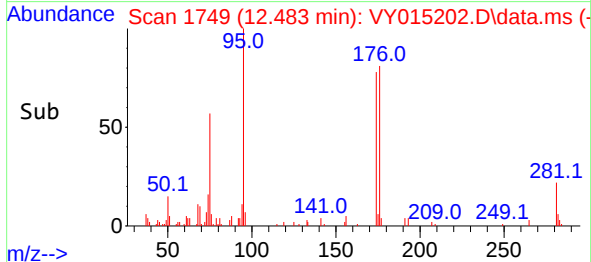
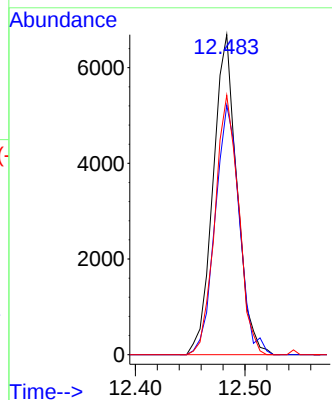
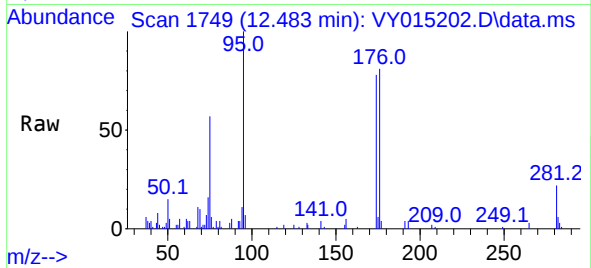
#62
4-Bromofluorobenzene
Concen: 42.169 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

Instrument :
MSVOA_Y
ClientSampleId :
B-PP17B

Tgt Ion:	95	Resp:	1014
Ion Ratio	Lower	Upper	
95	100		
174	79.1	0.0	178.2
176	80.3	0.0	173.8

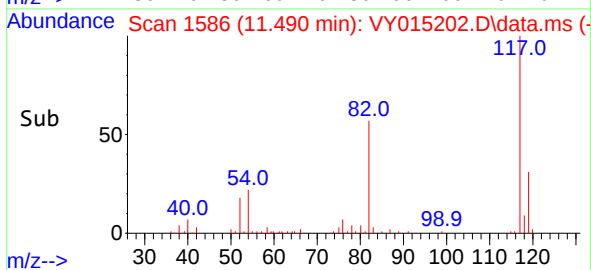
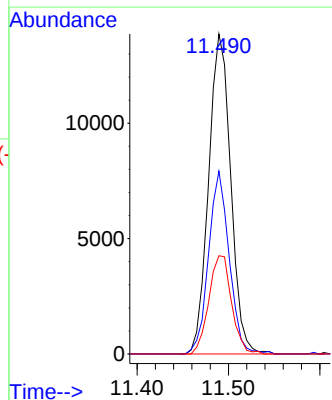
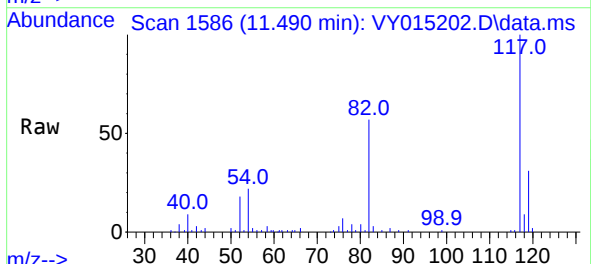
Manual Integrations
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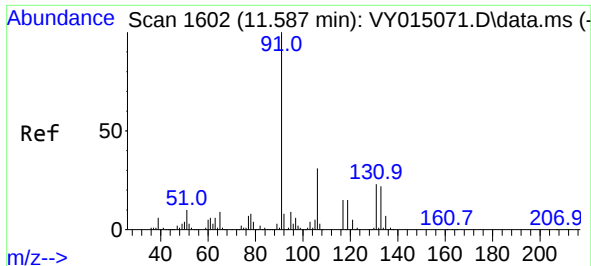
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

Tgt Ion:	117	Resp:	23276
Ion Ratio	Lower	Upper	
117	100		
82	57.1	43.4	65.0
119	30.7	26.3	39.5





#67

Ethyl Benzene

Concen: 26.372 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015202.D

Acq: 18 Aug 2023 17:46

Instrument :

MSVOA_Y

ClientSampleId :

B-PP17B

Tgt Ion: 91 Resp: 19590

Ion Ratio Lower Upper

91 100

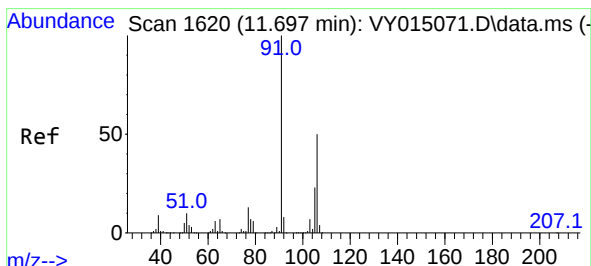
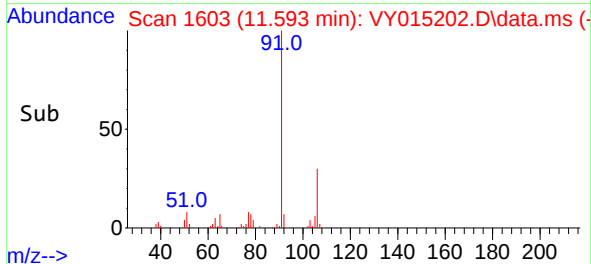
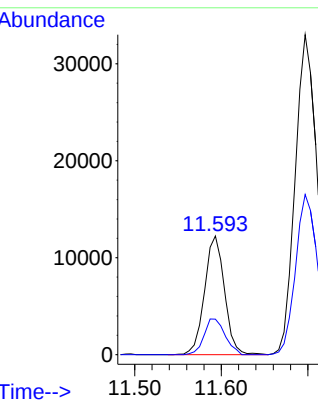
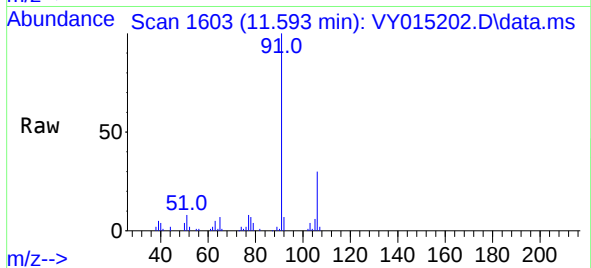
106 30.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/21/2023

Supervised By :Mahesh Dadoda 08/21/2023



#68

m/p-Xylenes

Concen: 104.680 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY015202.D

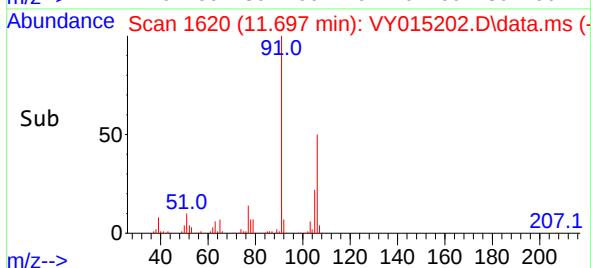
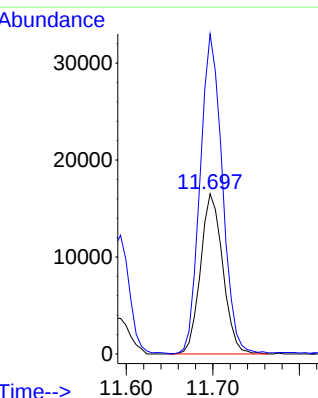
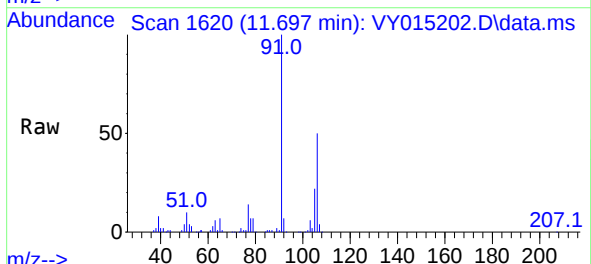
Acq: 18 Aug 2023 17:46

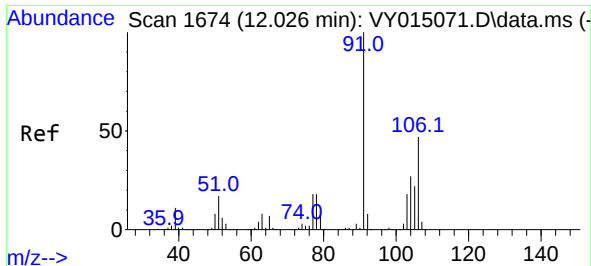
Tgt Ion:106 Resp: 29542

Ion Ratio Lower Upper

106 100

91 199.4 166.1 249.1





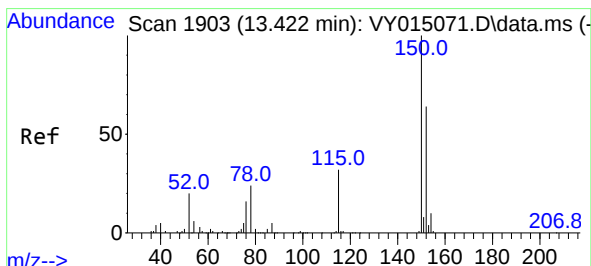
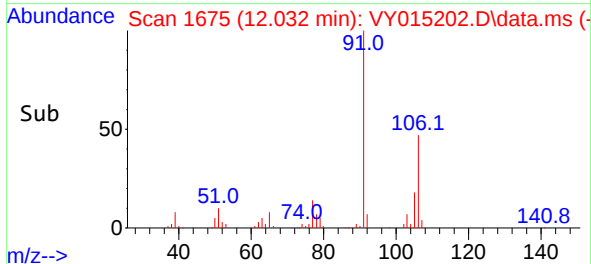
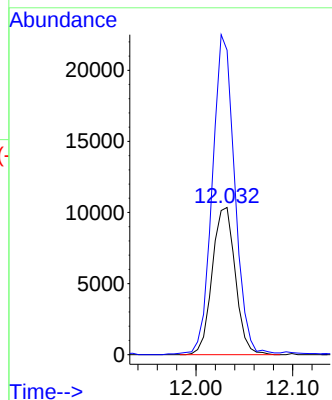
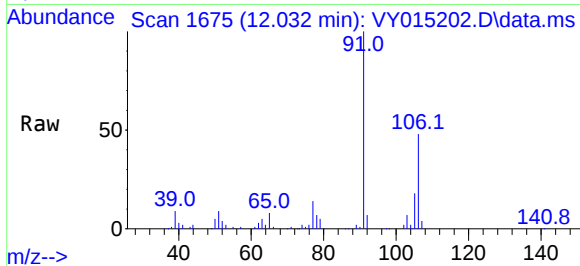
#69
o-Xylene
Concen: 60.985 ug/l
RT: 12.032 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

Instrument :
MSVOA_Y
ClientSampleId :
B-PP17B

Tgt Ion:106 Resp: 1714
Ion Ratio Lower Upper
106 100
91 211.5 108.1 324.3

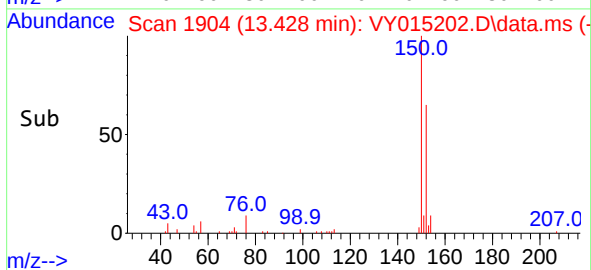
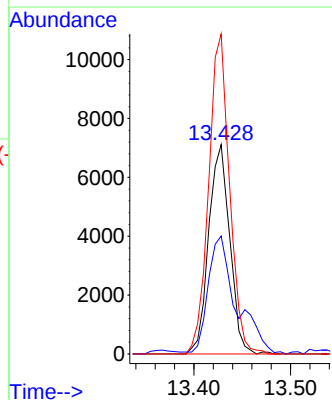
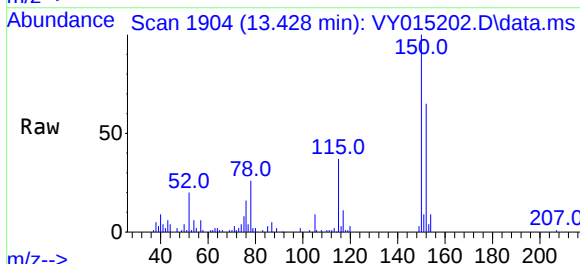
Manual Integrations
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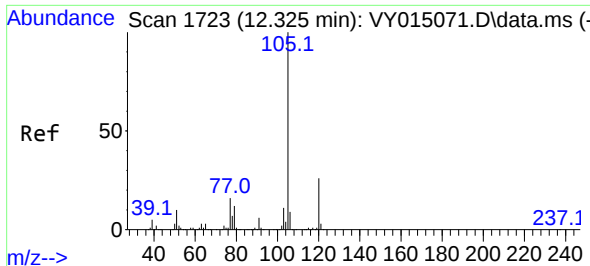
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

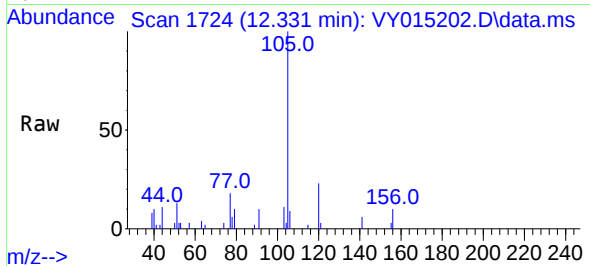
Tgt Ion:152 Resp: 10796
Ion Ratio Lower Upper
152 100
115 75.8 28.8 86.5
150 151.3 0.0 348.8





#73
Isopropylbenzene
Concen: 7.887 ug/l
RT: 12.331 min Scan# 1723
Delta R.T. 0.006 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

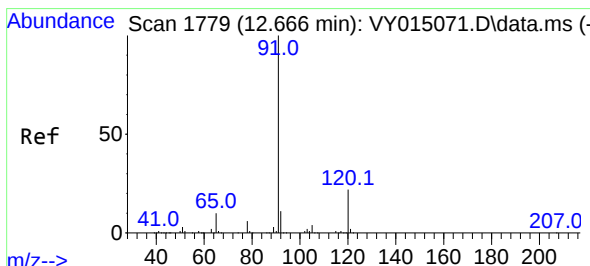
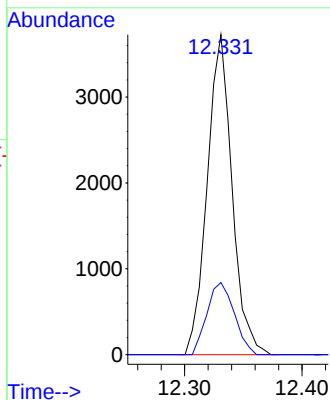
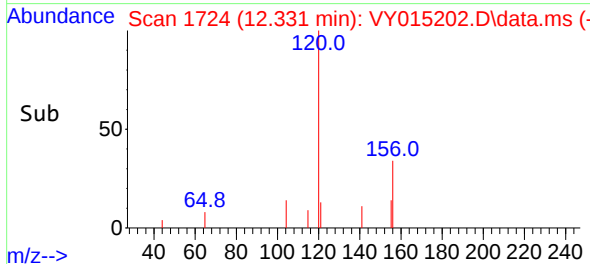
Instrument :
MSVOA_Y
ClientSampleId :
B-PP17B



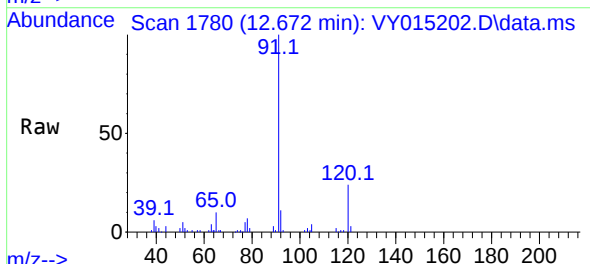
Tgt Ion:105 Resp: 5475
Ion Ratio Lower Upper
105 100
120 24.7 13.3 39.9

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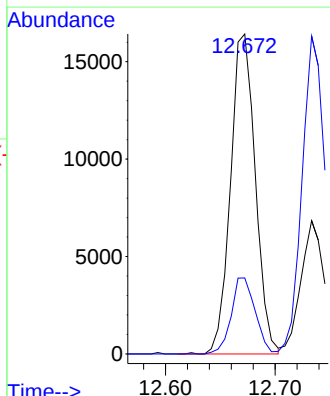
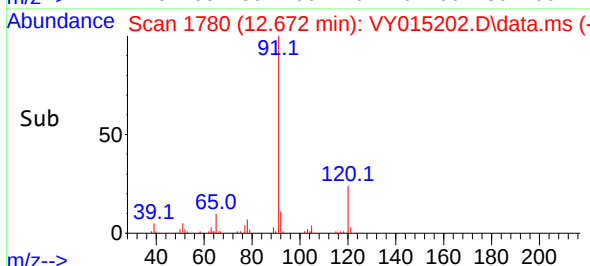
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023

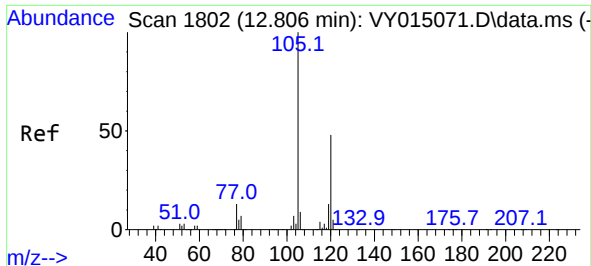


#78
n-propylbenzene
Concen: 31.338 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46



Tgt Ion: 91 Resp: 25834
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4





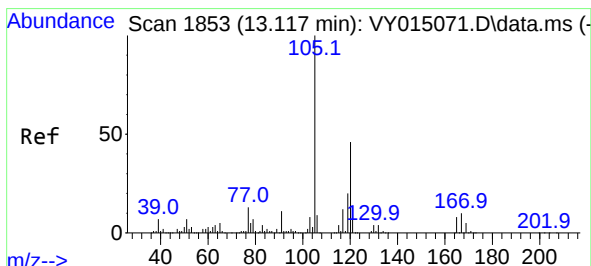
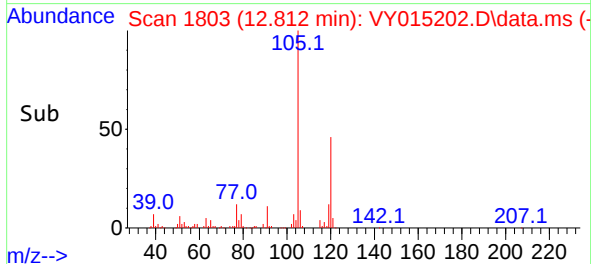
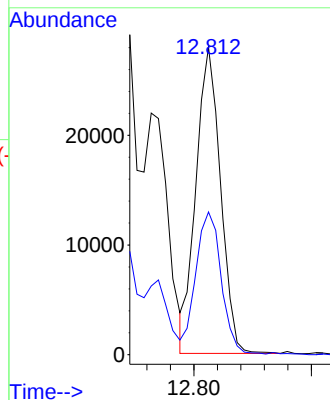
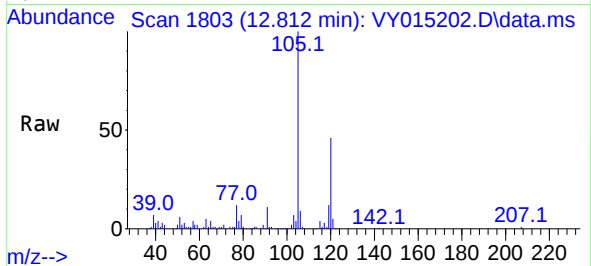
#80
1,3,5-Trimethylbenzene
Concen: 70.011 ug/l
RT: 12.812 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

Instrument :
MSVOA_Y
ClientSampleId :
B-PP17B

Tgt Ion:105 Resp: 40514
Ion Ratio Lower Upper
105 100
120 48.1 23.9 71.7

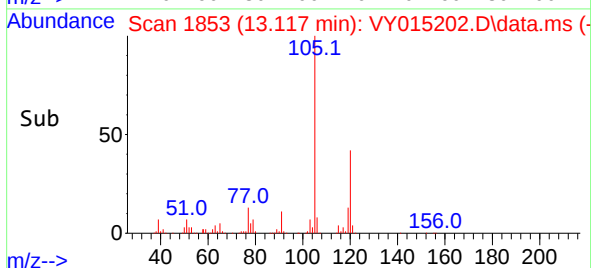
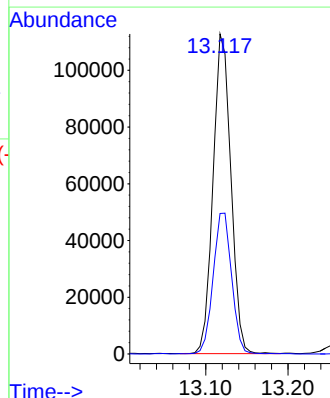
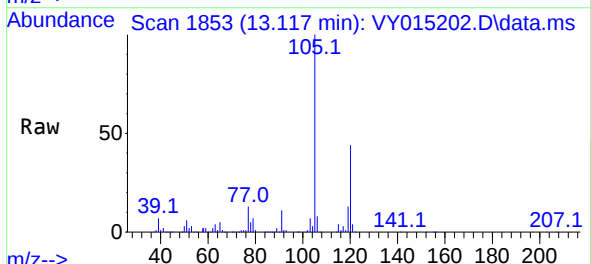
Manual Integrations
APPROVED

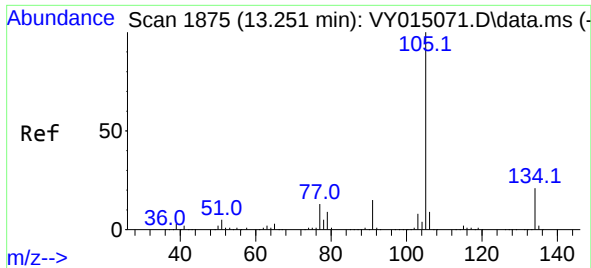
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023



#84
1,2,4-Trimethylbenzene
Concen: 293.994 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

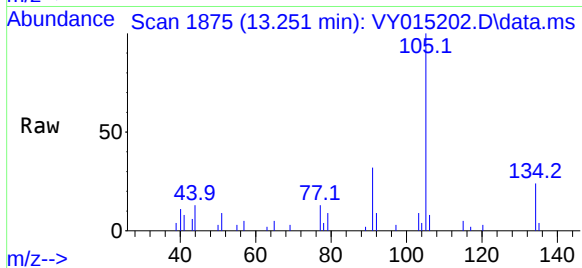
Tgt Ion:105 Resp: 170002
Ion Ratio Lower Upper
105 100
120 45.7 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 5.761 ug/l m
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY015202.D
 Acq: 18 Aug 2023 17:46

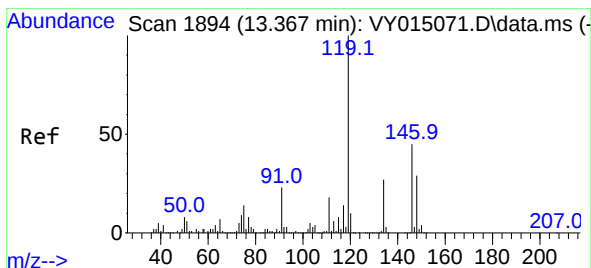
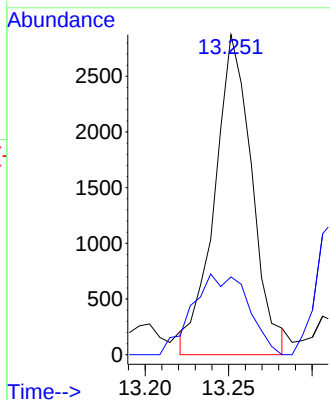
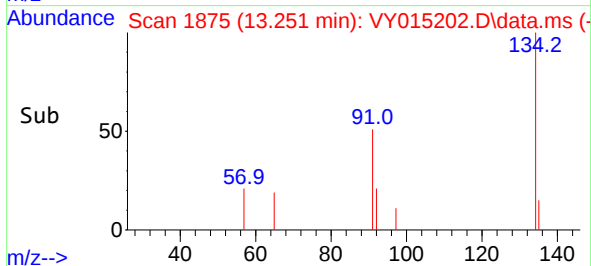
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP17B



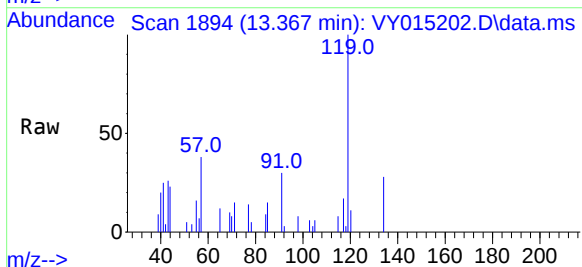
Tgt Ion:105 Resp: 4468
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.6

Manual Integrations
 APPROVED

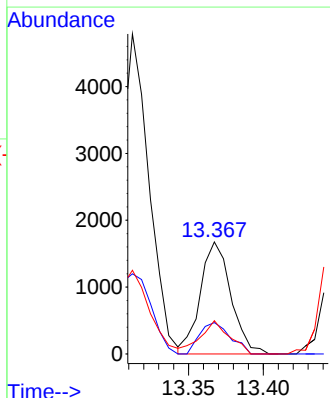
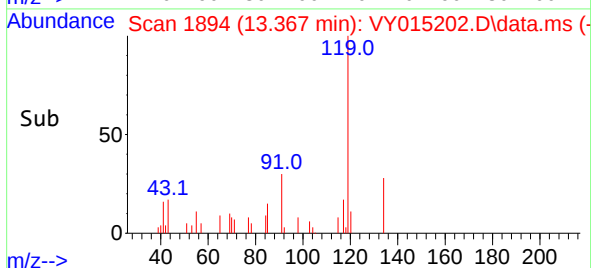
Reviewed By :Semsettin Yesilyurt 08/21/2023
 Supervised By :Mahesh Dadoda 08/21/2023

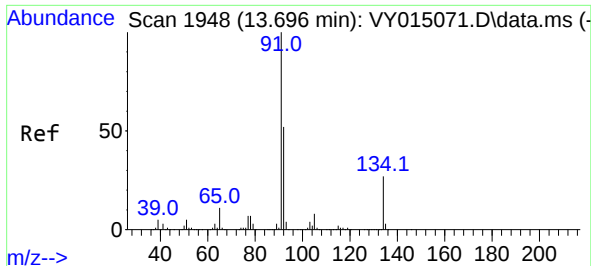


#86
 p-Isopropyltoluene
 Concen: 3.712 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY015202.D
 Acq: 18 Aug 2023 17:46



Tgt Ion:119 Resp: 2387
 Ion Ratio Lower Upper
 119 100
 134 28.2 13.3 39.8
 91 28.1 12.4 37.4





#89

n-Butylbenzene

Concen: 13.092 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015202.D

Acq: 18 Aug 2023 17:46

Instrument :

MSVOA_Y

ClientSampleId :

B-PP17B

Tgt Ion:	91	Resp:	793
Ion	Ratio	Lower	Upper
91	100		
92	65.4	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

