

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
 Data File : VY020724.D
 Acq On : 26 Dec 2024 18:01
 Operator : SY/MD
 Sample : P5342-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HT2651RE

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/27/2024
 Supervised By :Semsettin Yesilyurt 12/27/2024

Quant Time: Dec 27 00:35:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	16862	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.616	114	25618	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	15873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	3621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	10864	78.659	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 157.320%			
35) Dibromofluoromethane	7.634	113	9107	64.539	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 129.080%			
50) Toluene-d8	10.109	98	25562	45.708	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 91.420%			
62) 4-Bromofluorobenzene	12.408	95	5540	29.542	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 59.080%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.848	59	2910	345.072	ug/l #	93
16) Acetone	3.873	43	4099	233.945	ug/l	95
51) 4-Methyl-2-Pentanone	10.006	43	2845	45.148	ug/l	96
59) 2-Hexanone	10.762	43	1927	46.316	ug/l	96
68) m/p-Xylenes	11.627	106	418	2.017	ug/l #	54
69) o-Xylene	11.956	106	273	1.379	ug/l	91
78) n-propylbenzene	12.597	91	991	3.524	ug/l #	66
80) 1,3,5-Trimethylbenzene	12.737	105	930	4.449	ug/l	94
84) 1,2,4-Trimethylbenzene	13.048	105	4030	19.814	ug/l	96
85) sec-Butylbenzene	13.176	105	514	1.954	ug/l	81
86) p-Isopropyltoluene	13.298	119	1602m	6.833	ug/l	
89) n-Butylbenzene	13.621	91	914	4.670	ug/l #	79

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

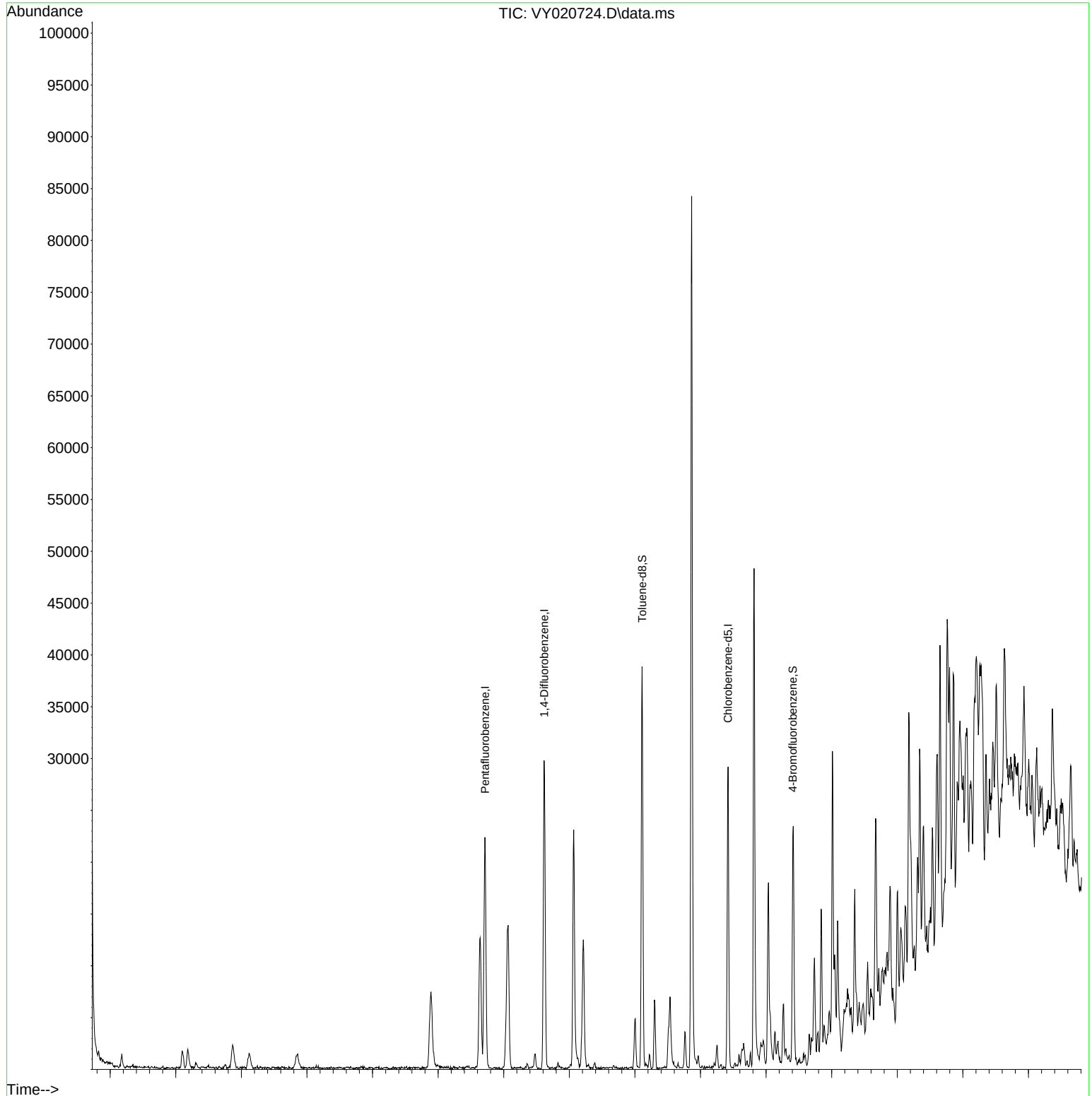
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
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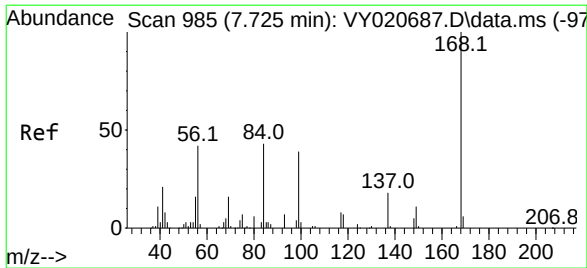
Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
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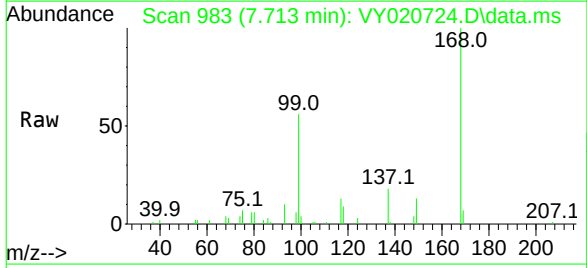
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. -0.012 min
Lab File: VY020724.D
Acq: 26 Dec 2024 18:01

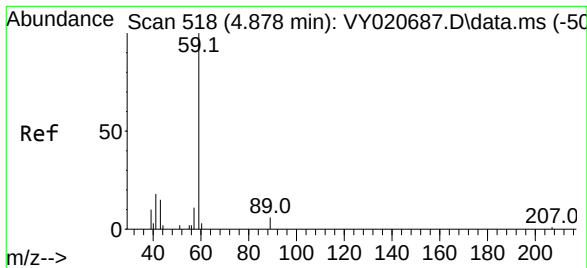
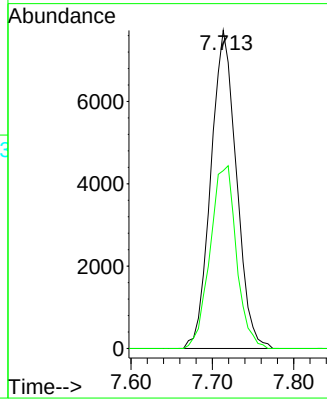
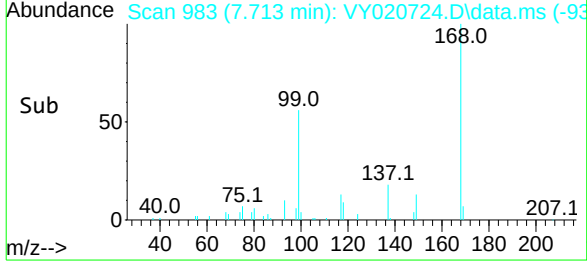
Instrument :
MSVOA_Y
ClientSampleId :
HT2651RE



Tgt Ion:168 Resp: 16862
Ion Ratio Lower Upper
168 100
99 55.9 43.8 65.6

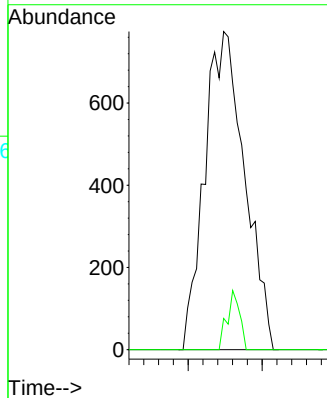
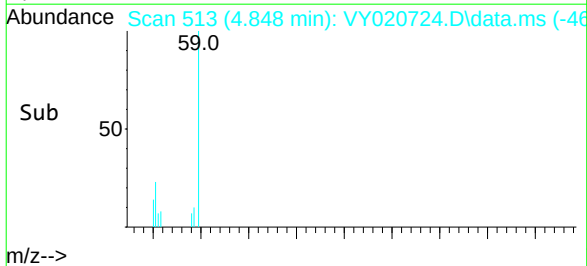
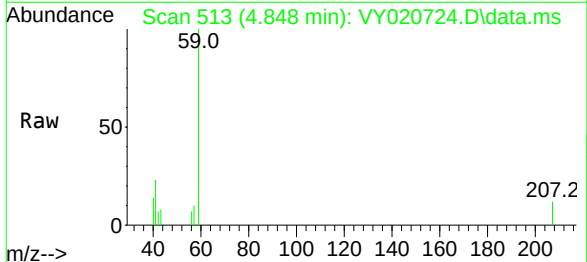
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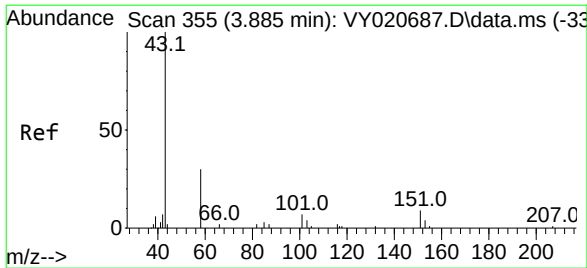
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#11
Tert butyl alcohol
Concen: 345.072 ug/l
RT: 4.848 min Scan# 513
Delta R.T. -0.030 min
Lab File: VY020724.D
Acq: 26 Dec 2024 18:01

Tgt Ion: 59 Resp: 2910
Ion Ratio Lower Upper
59 100
57 5.8 2.8 4.2#





#16

Acetone

Concen: 233.945 ug/l

RT: 3.873 min Scan# 35

Delta R.T. -0.012 min

Lab File: VY020724.D

Acq: 26 Dec 2024 18:01

Instrument :

MSVOA_Y

ClientSampleId :

HT2651RE

Tgt Ion: 43 Resp: 4099

Ion Ratio Lower Upper

43 100

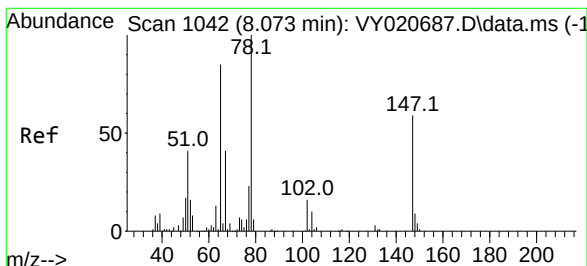
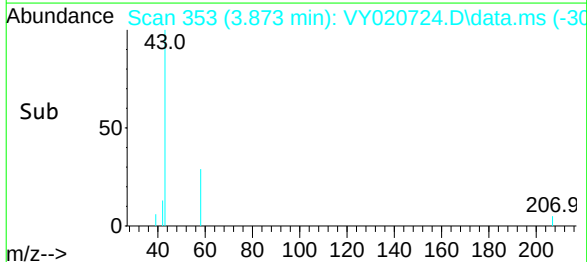
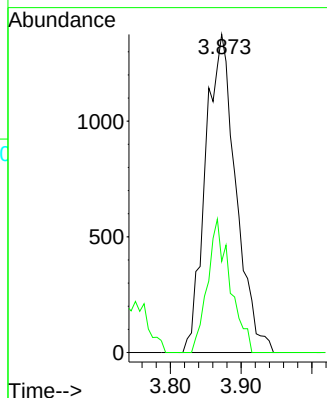
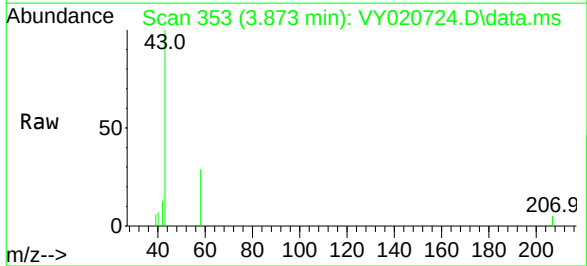
58 28.7 25.0 37.6

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#33

1,2-Dichloroethane-d4

Concen: 78.659 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY020724.D

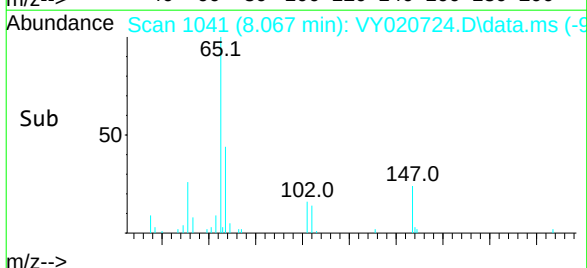
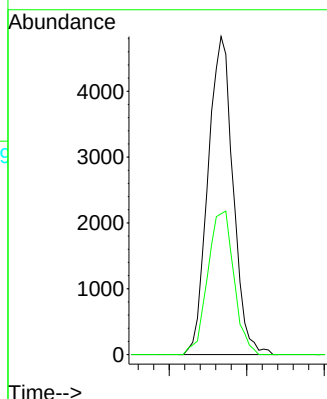
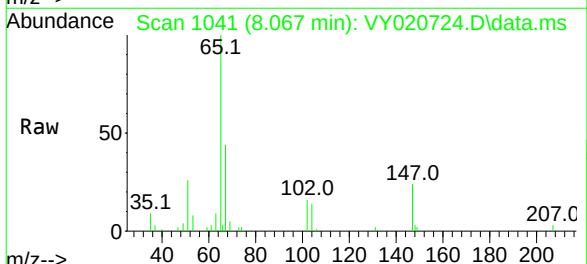
Acq: 26 Dec 2024 18:01

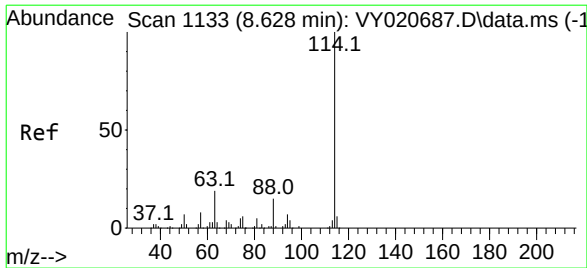
Tgt Ion: 65 Resp: 10864

Ion Ratio Lower Upper

65 100

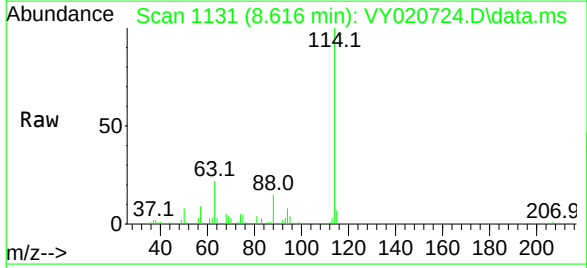
67 47.0 0.0 98.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1133
Delta R.T. -0.012 min
Lab File: VY020724.D
Acq: 26 Dec 2024 18:01

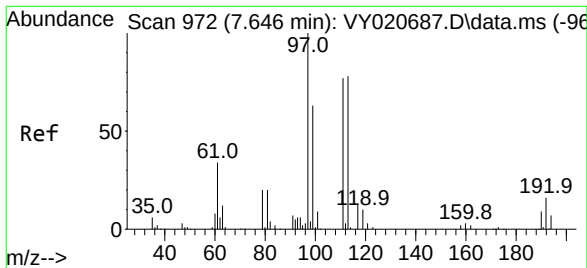
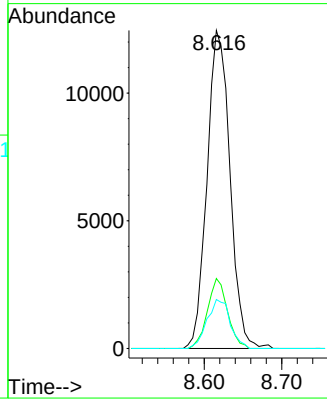
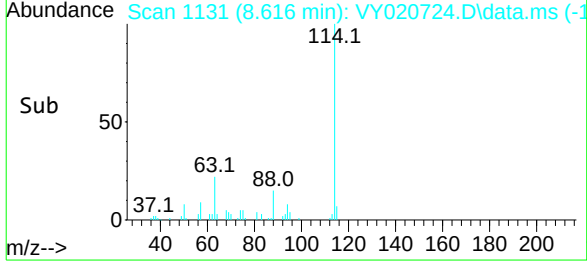
Instrument :
MSVOA_Y
ClientSampleId :
HT2651RE



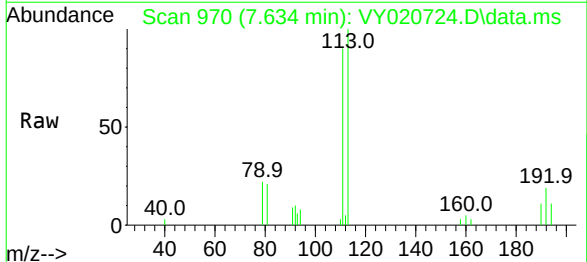
Tgt Ion:114 Resp: 25618
Ion Ratio Lower Upper
114 100
63 22.0 0.0 38.4
88 15.4 0.0 30.4

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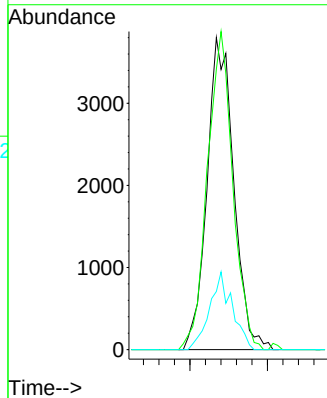
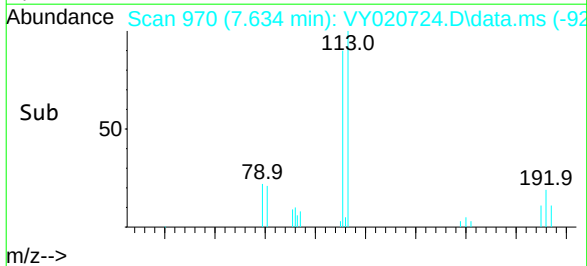
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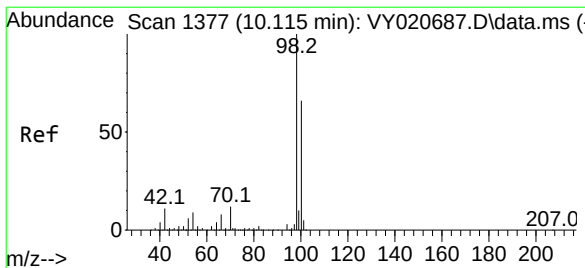


#35
Dibromofluoromethane
Concen: 64.539 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.012 min
Lab File: VY020724.D
Acq: 26 Dec 2024 18:01



Tgt Ion:113 Resp: 9107
Ion Ratio Lower Upper
113 100
111 96.6 79.8 119.8
192 21.0 17.0 25.6





#50

Toluene-d8

Concen: 45.708 ug/l

RT: 10.109 min Scan# 1377

Delta R.T. -0.006 min

Lab File: VY020724.D

Acq: 26 Dec 2024 18:01

Instrument :

MSVOA_Y

ClientSampleId :

HT2651RE

Tgt Ion: 98 Resp: 25562

Ion Ratio Lower Upper

98 100

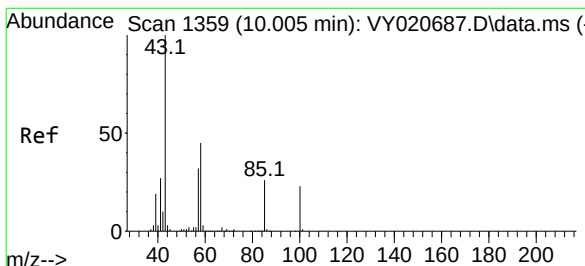
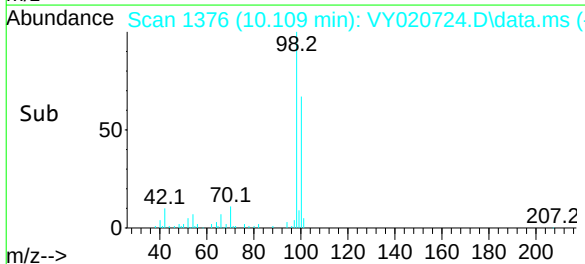
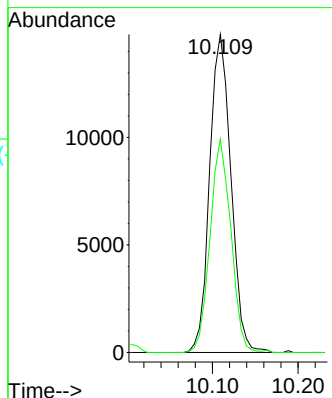
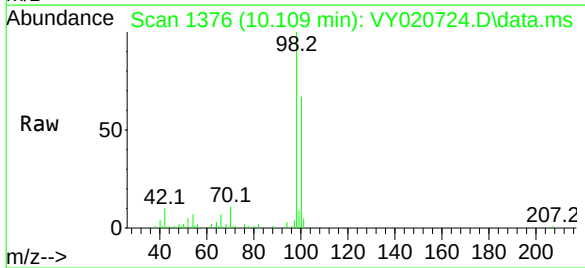
100 65.6 52.2 78.4

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Supervised By :Semsettin Yesilyurt 12/27/2024



#51

4-Methyl-2-Pentanone

Concen: 45.148 ug/l

RT: 10.006 min Scan# 1359

Delta R.T. 0.001 min

Lab File: VY020724.D

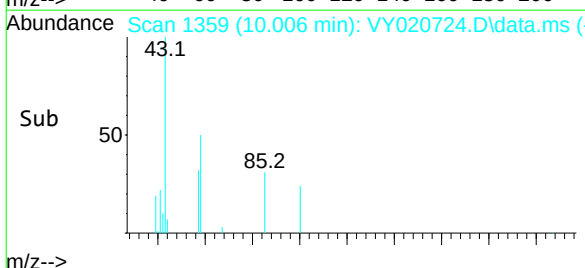
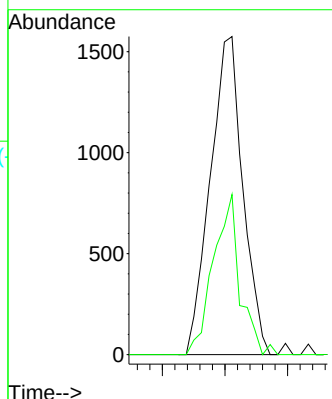
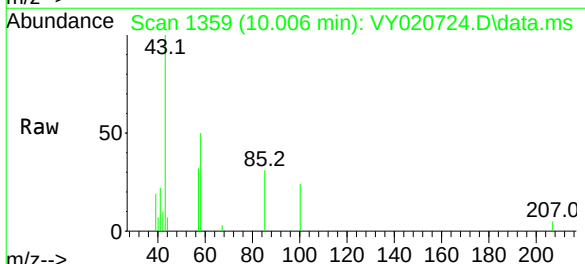
Acq: 26 Dec 2024 18:01

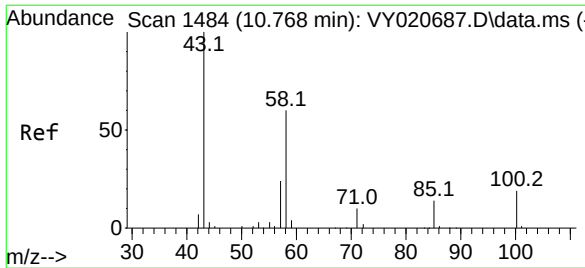
Tgt Ion: 43 Resp: 2845

Ion Ratio Lower Upper

43 100

58 41.1 35.1 52.7





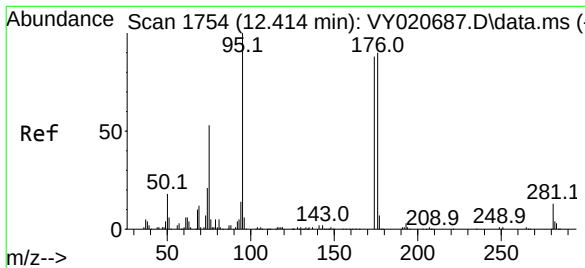
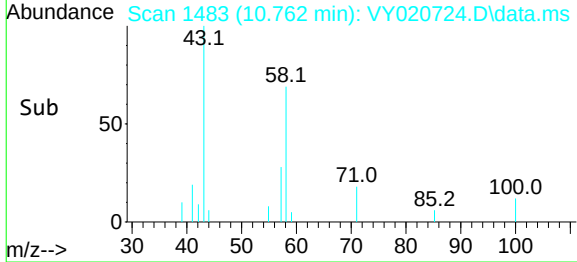
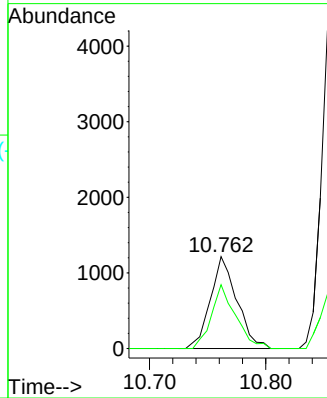
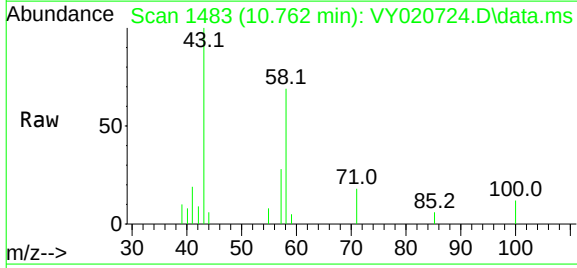
#59
2-Hexanone
Concen: 46.316 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.006 min
Lab File: VY020724.D
Acq: 26 Dec 2024 18:01

Instrument :
MSVOA_Y
ClientSampleId :
HT2651RE

Tgt Ion: 43 Resp: 1927
Ion Ratio Lower Upper
43 100
58 63.3 30.1 90.5

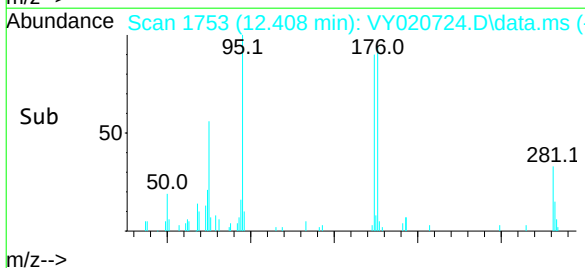
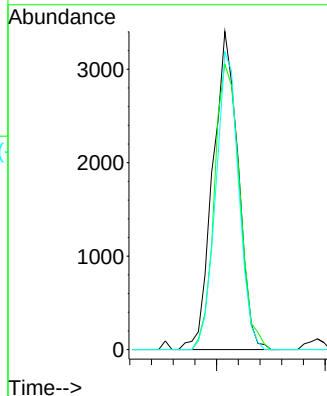
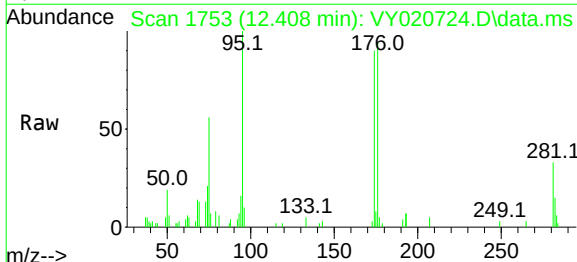
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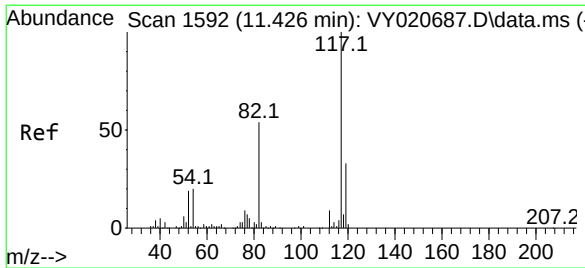
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#62
4-Bromofluorobenzene
Concen: 29.542 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY020724.D
Acq: 26 Dec 2024 18:01

Tgt Ion: 95 Resp: 5540
Ion Ratio Lower Upper
95 100
174 89.2 0.0 179.2
176 84.7 0.0 179.8





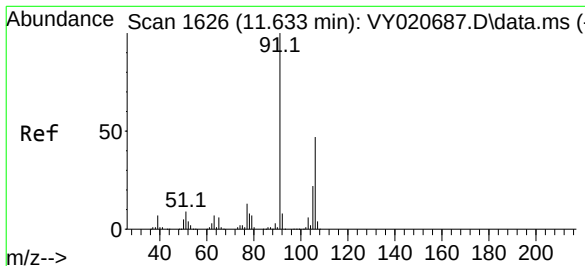
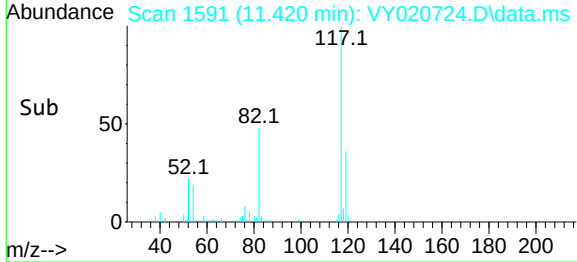
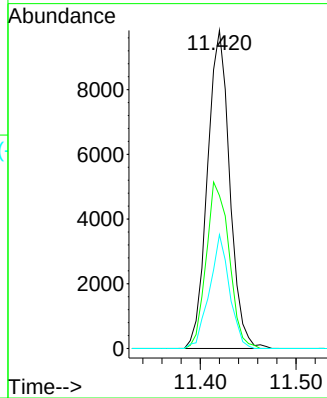
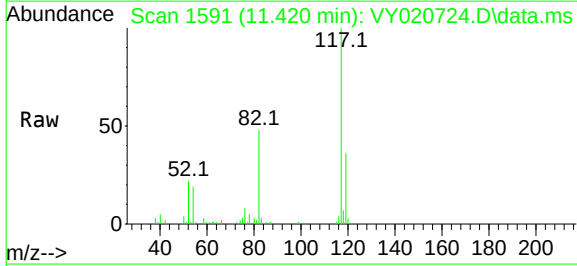
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VY020724.D
Acq: 26 Dec 2024 18:01

Instrument :
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ClientSampleId :
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Tgt Ion:	117	Resp:	15873
Ion Ratio	Lower	Upper	
117	100		
82	48.1	43.4	65.2
119	35.8	26.6	39.8

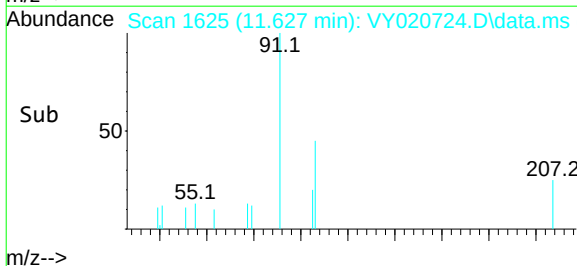
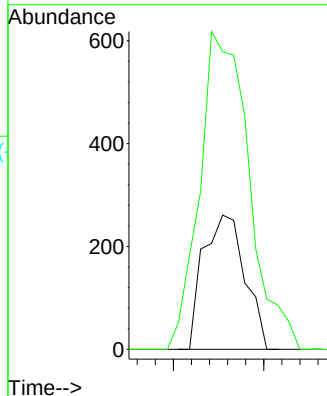
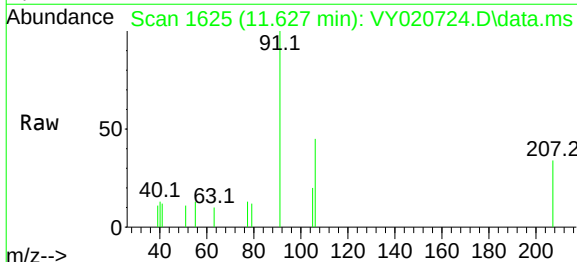
Manual Integrations
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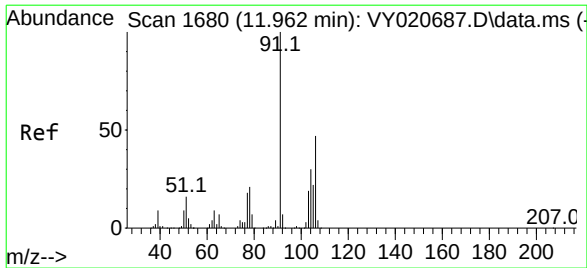
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#68
m/p-Xylenes
Concen: 2.017 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY020724.D
Acq: 26 Dec 2024 18:01

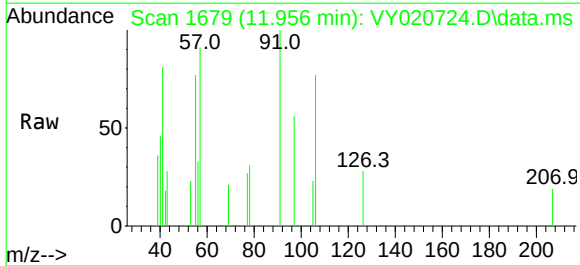
Tgt Ion:	106	Resp:	418
Ion Ratio	Lower	Upper	
106	100		
91	280.1	166.6	250.0#





#69
o-Xylene
Concen: 1.379 ug/l
RT: 11.956 min Scan# 1680
Delta R.T. -0.006 min
Lab File: VY020724.D
Acq: 26 Dec 2024 18:01

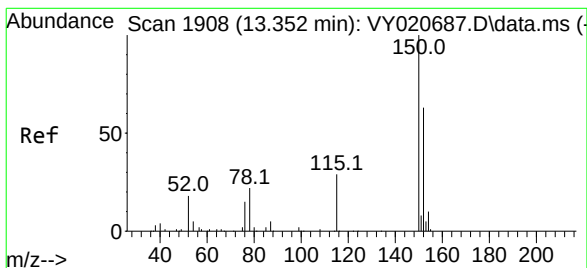
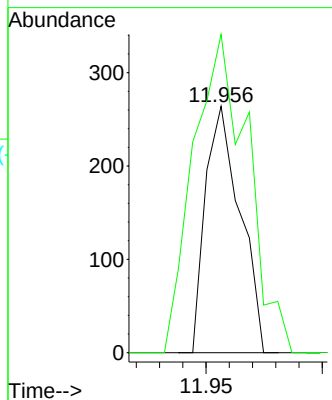
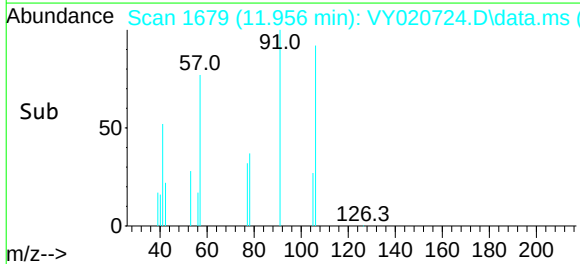
Instrument :
MSVOA_Y
ClientSampleId :
HT2651RE



Tgt Ion:106 Resp: 273
Ion Ratio Lower Upper
106 100
91 202.9 108.6 325.8

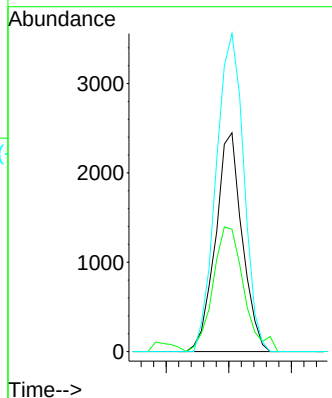
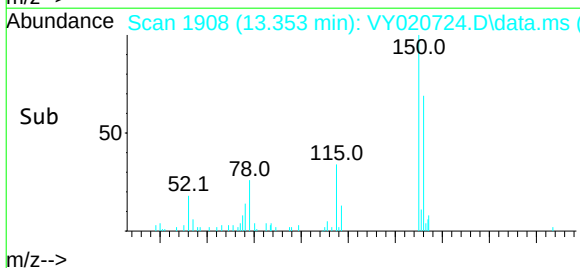
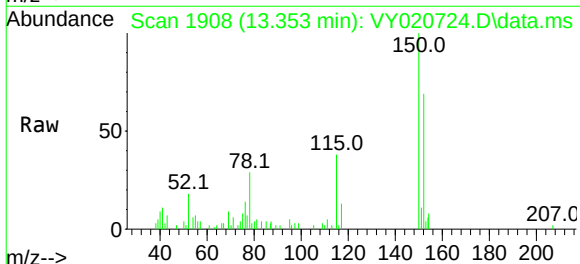
Manual Integrations
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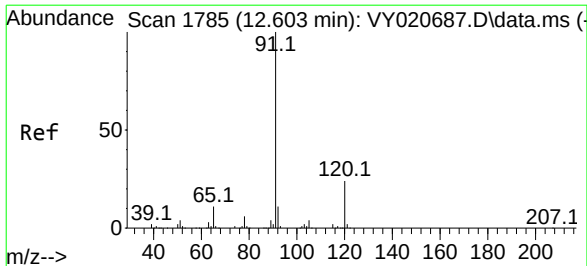
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.001 min
Lab File: VY020724.D
Acq: 26 Dec 2024 18:01

Tgt Ion:152 Resp: 3621
Ion Ratio Lower Upper
152 100
115 65.7 30.3 90.9
150 151.1 0.0 349.0





#78

n-propylbenzene

Concen: 3.524 ug/l

RT: 12.597 min Scan# 17

Delta R.T. -0.006 min

Lab File: VY020724.D

Acq: 26 Dec 2024 18:01

Instrument :

MSVOA_Y

ClientSampleId :

HT2651RE

Tgt Ion: 91 Resp: 991

Ion Ratio Lower Upper

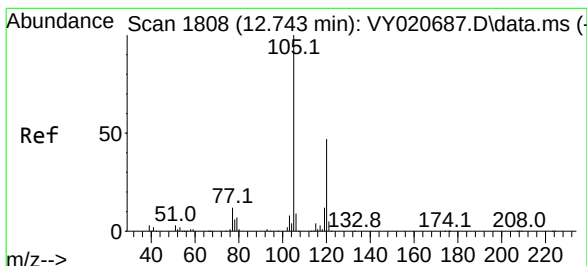
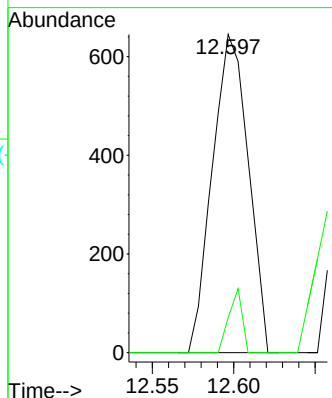
91 100

120 7.5 12.3 36.8#

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#80

1,3,5-Trimethylbenzene

Concen: 4.449 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY020724.D

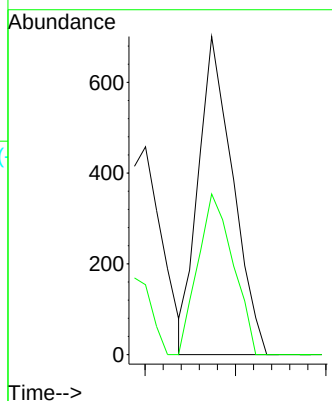
Acq: 26 Dec 2024 18:01

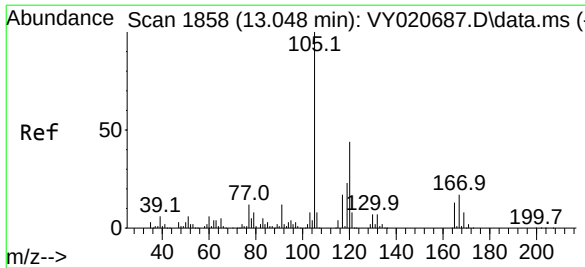
Tgt Ion:105 Resp: 930

Ion Ratio Lower Upper

105 100

120 51.6 23.9 71.7





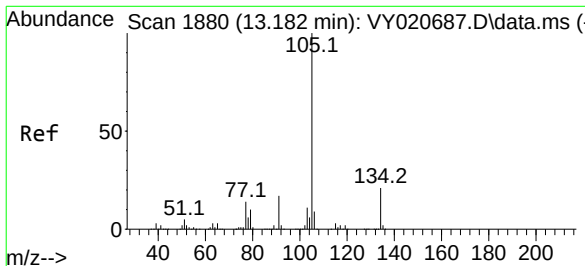
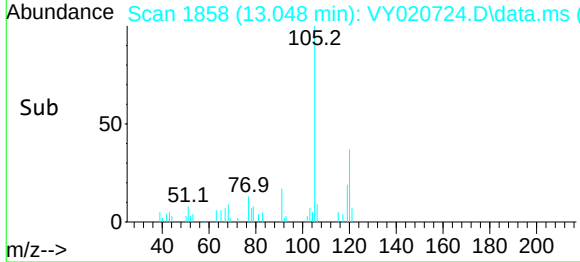
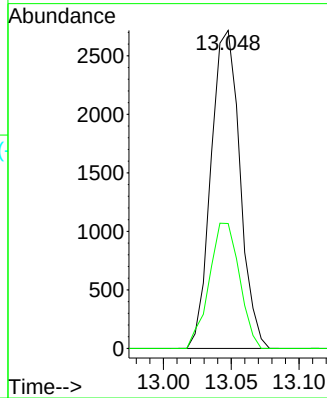
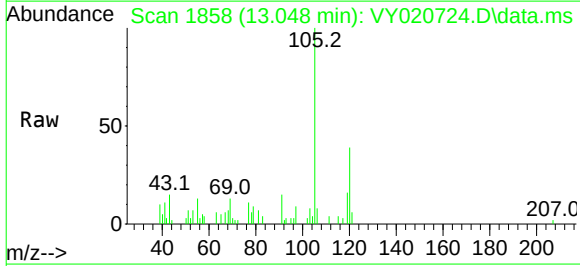
#84
1,2,4-Trimethylbenzene
Concen: 19.814 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VY020724.D
Acq: 26 Dec 2024 18:01

Instrument :
MSVOA_Y
ClientSampleId :
HT2651RE

Tgt Ion:105 Resp: 4030
Ion Ratio Lower Upper
105 100
120 41.2 21.8 65.3

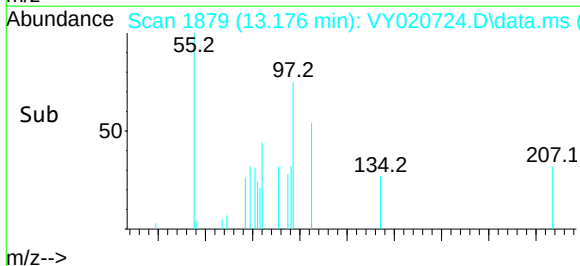
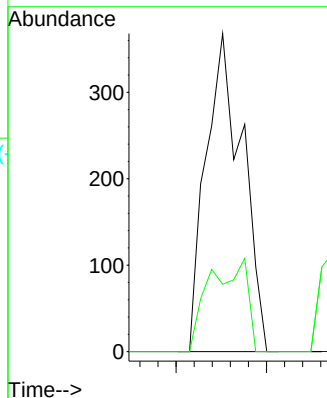
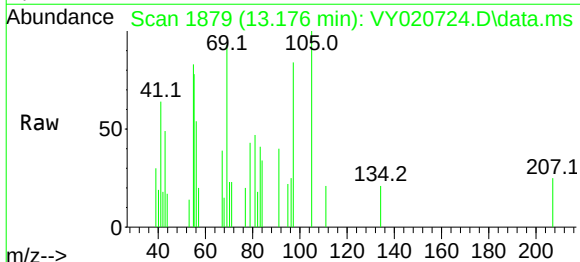
Manual Integrations
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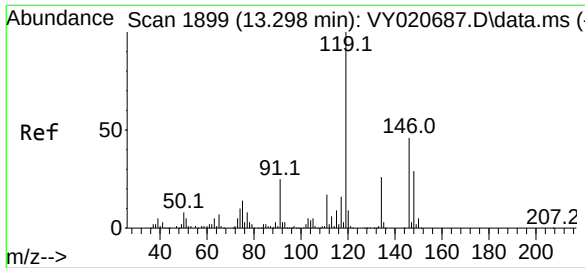
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#85
sec-Butylbenzene
Concen: 1.954 ug/l
RT: 13.176 min Scan# 1879
Delta R.T. -0.006 min
Lab File: VY020724.D
Acq: 26 Dec 2024 18:01

Tgt Ion:105 Resp: 514
Ion Ratio Lower Upper
105 100
134 30.2 10.7 32.1





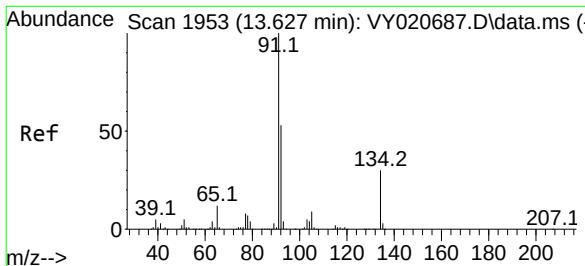
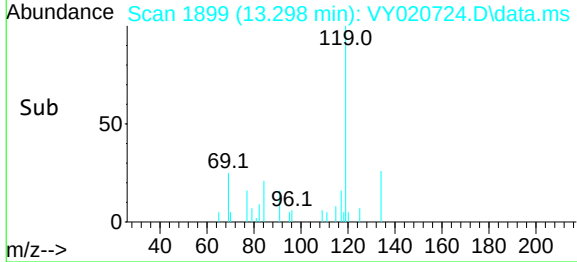
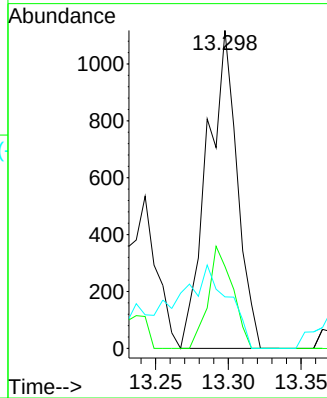
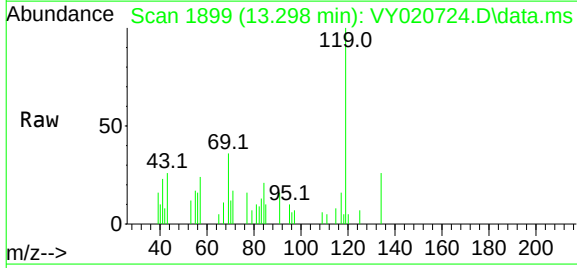
#86
p-Isopropyltoluene
Concen: 6.833 ug/l m
RT: 13.298 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VY020724.D
Acq: 26 Dec 2024 18:01

Instrument : MSVOA_Y
ClientSampleId : HT2651RE

Tgt Ion	Ratio	Lower	Upper
119	100		
134	7.4	13.4	40.2#
91	15.3	12.9	38.6

Manual Integrations
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Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#89
n-Butylbenzene
Concen: 4.670 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. -0.006 min
Lab File: VY020724.D
Acq: 26 Dec 2024 18:01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.1	78.2
134	0.0	14.8	44.4#

