

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112224\
 Data File : VY020411.D
 Acq On : 22 Nov 2024 14:26
 Operator : SY/MD
 Sample : P4954-01
 Misc : 5.09/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-112124

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/25/2024
 Supervised By :Semsettin Yesilyurt 11/25/2024

Quant Time: Nov 23 00:00:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	33747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	52750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	39643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	13061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	13819	35.642	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	71.280%		
35) Dibromofluoromethane	7.640	113	15382	45.475	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.960%		
50) Toluene-d8	10.109	98	60301	45.256	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.520%		
62) 4-Bromofluorobenzene	12.408	95	16497	38.514	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	77.020%		
Target Compounds						
52) Toluene	10.170	92	1308	1.413	ug/l	93
67) Ethyl Benzene	11.524	91	11253	6.901	ug/l	98
68) m/p-Xylenes	11.627	106	18095	30.807	ug/l	94
69) o-Xylene	11.957	106	13437	24.119	ug/l	89
73) Isopropylbenzene	12.255	105	9173	8.291	ug/l	99
78) n-propylbenzene	12.597	91	26074	19.636	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	29445	32.929	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	99660	112.418	ug/l	99
85) sec-Butylbenzene	13.176	105	15892	12.775	ug/l	91
86) p-Isopropyltoluene	13.292	119	7711	8.017	ug/l	98
89) n-Butylbenzene	13.621	91	13254m	14.389	ug/l	

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

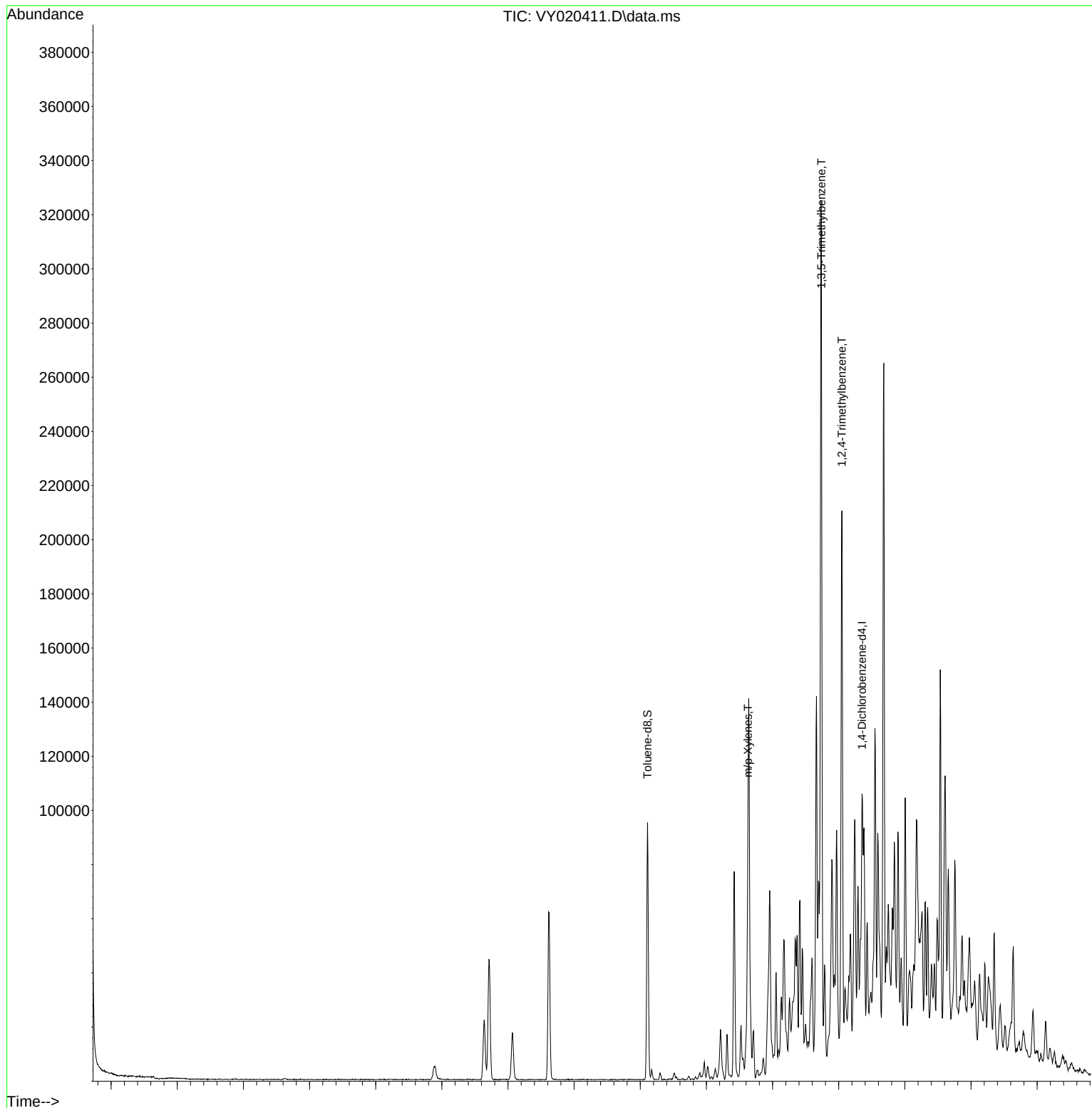
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112224\
Data File : VY020411.D
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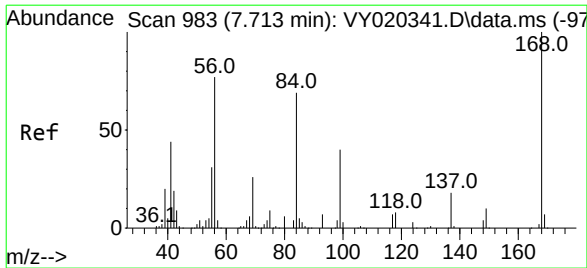
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-112124

Quant Time: Nov 23 00:00:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

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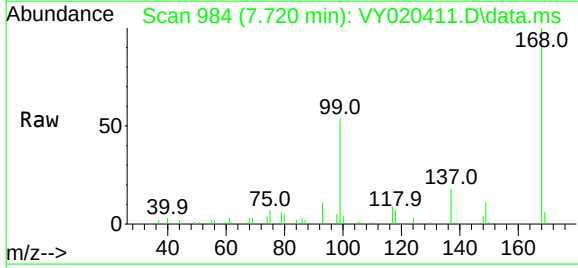
Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/25/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 98
Delta R.T. 0.007 min
Lab File: VY020411.D
Acq: 22 Nov 2024 14:26

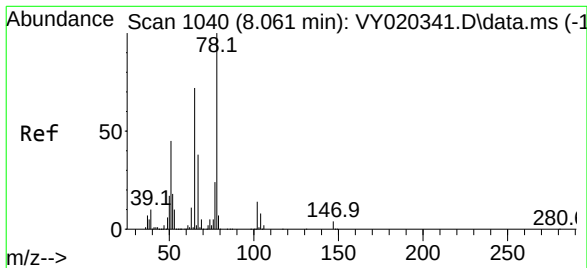
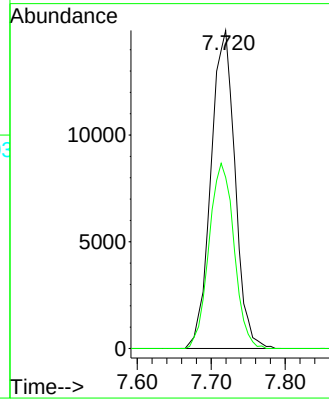
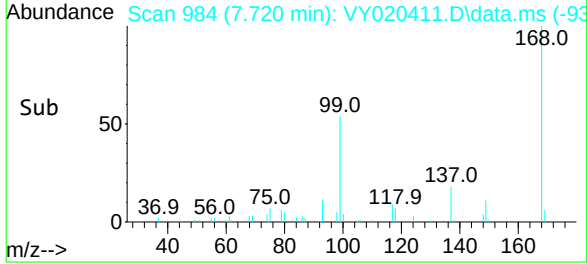
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-112124



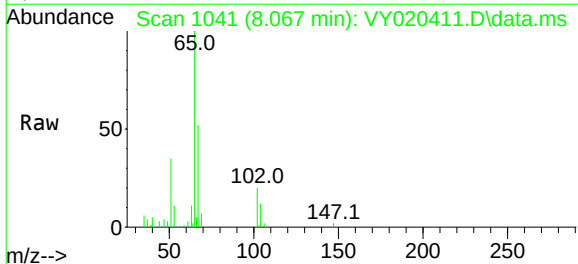
Tgt Ion: 168 Resp: 33747
Ion Ratio Lower Upper
168 100
99 53.8 46.6 69.8

Manual Integrations
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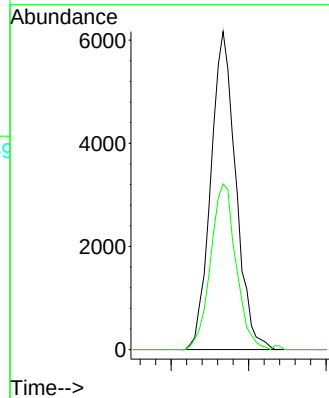
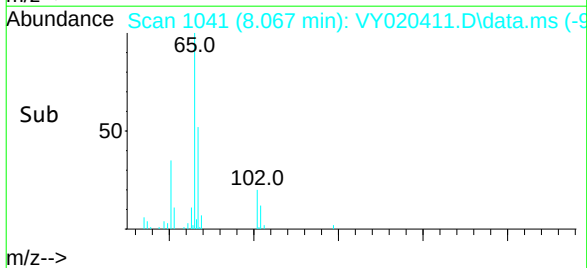
Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/25/2024

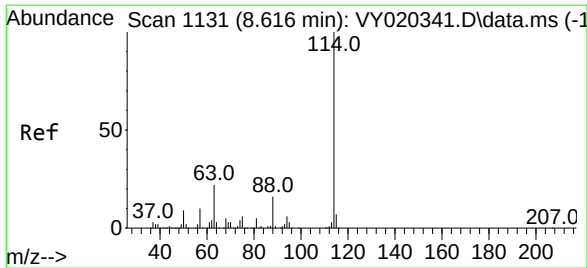


#33
1,2-Dichloroethane-d4
Concen: 35.642 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020411.D
Acq: 22 Nov 2024 14:26



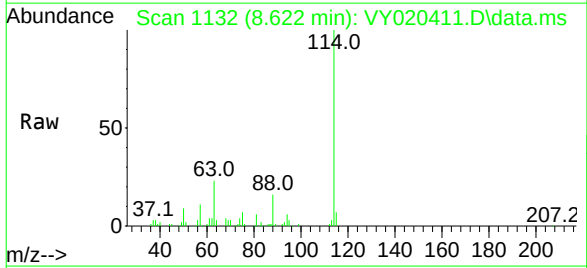
Tgt Ion: 65 Resp: 13819
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY020411.D
Acq: 22 Nov 2024 14:26

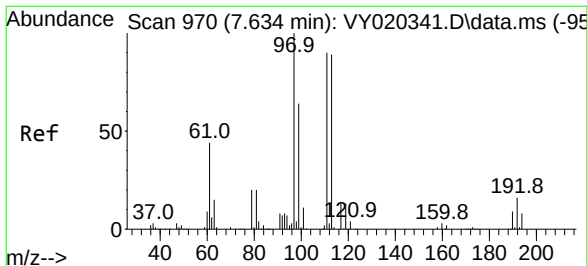
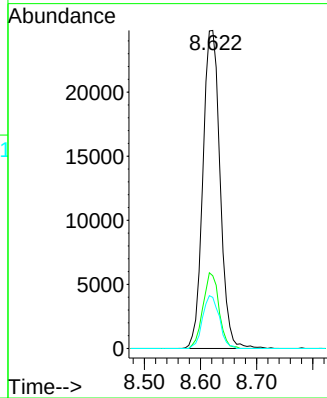
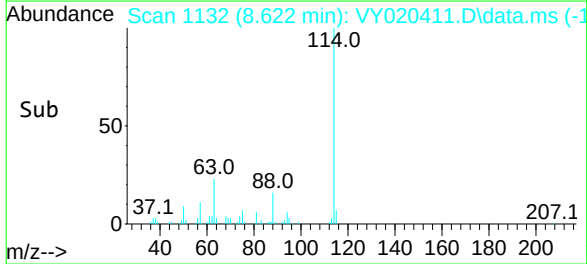
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-112124



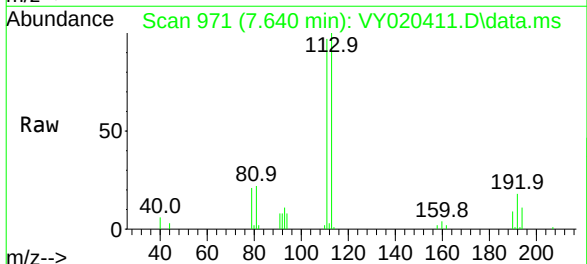
Tgt Ion:114 Resp: 52750
Ion Ratio Lower Upper
114 100
63 22.9 0.0 44.8
88 16.1 0.0 32.0

Manual Integrations
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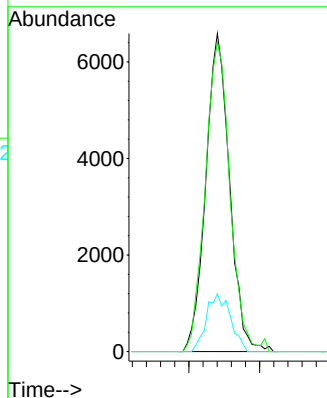
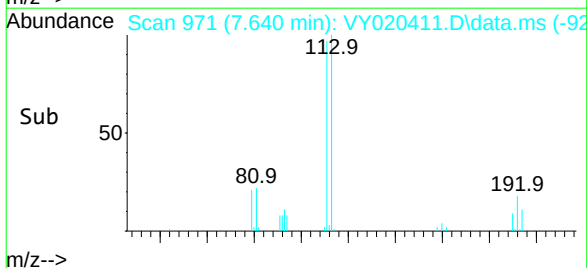
Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/25/2024

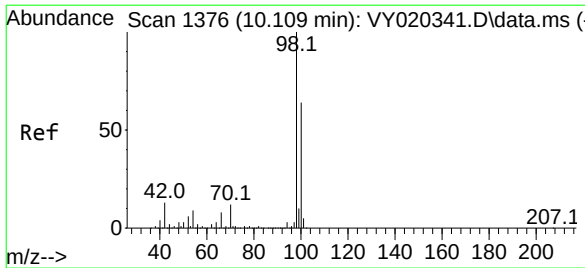


#35
Dibromofluoromethane
Concen: 45.475 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020411.D
Acq: 22 Nov 2024 14:26



Tgt Ion:113 Resp: 15382
Ion Ratio Lower Upper
113 100
111 100.5 81.4 122.0
192 18.3 15.1 22.7





#50

Toluene-d8

Concen: 45.256 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020411.D

Acq: 22 Nov 2024 14:26

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-112124

Tgt Ion: 98 Resp: 60301

Ion Ratio Lower Upper

98 100

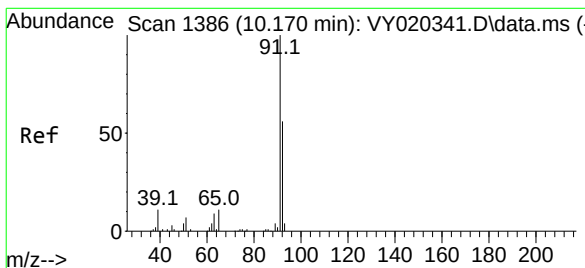
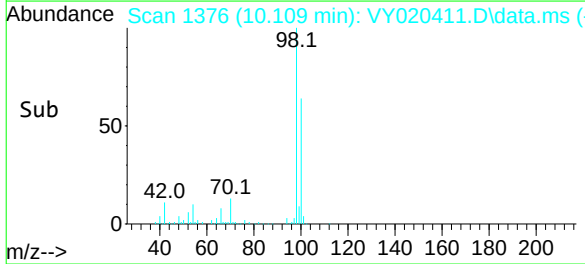
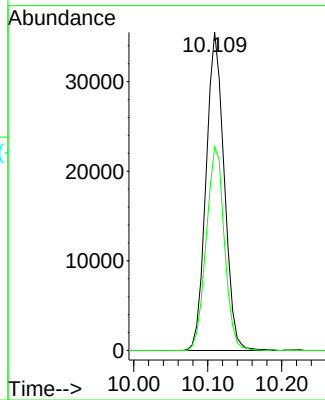
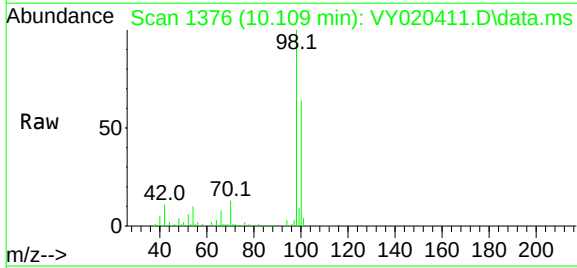
100 64.3 51.3 76.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 11/25/2024

Supervised By :Semsettin Yesilyurt 11/25/2024



#52

Toluene

Concen: 1.413 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY020411.D

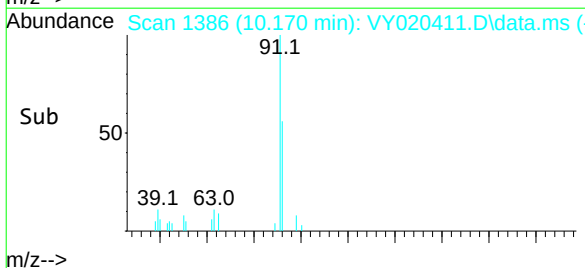
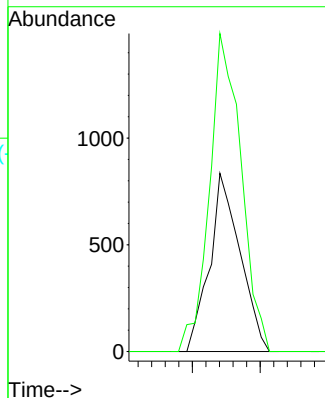
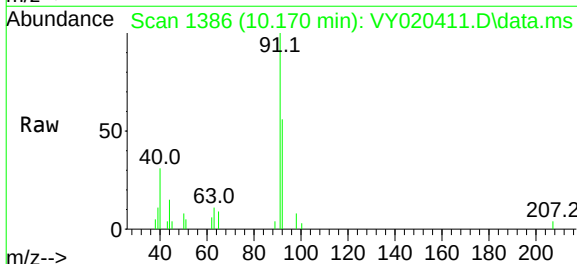
Acq: 22 Nov 2024 14:26

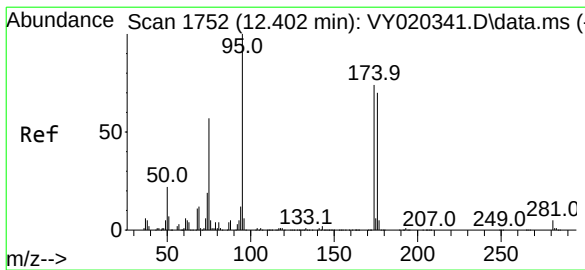
Tgt Ion: 92 Resp: 1308

Ion Ratio Lower Upper

92 100

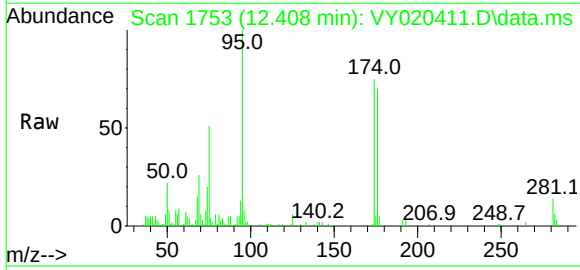
91 184.9 139.7 209.5





#62
4-Bromofluorobenzene
Concen: 38.514 ug/l
RT: 12.408 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VY020411.D
Acq: 22 Nov 2024 14:26

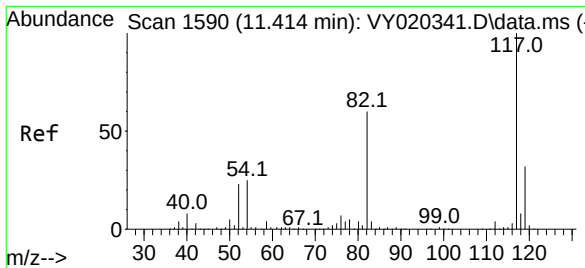
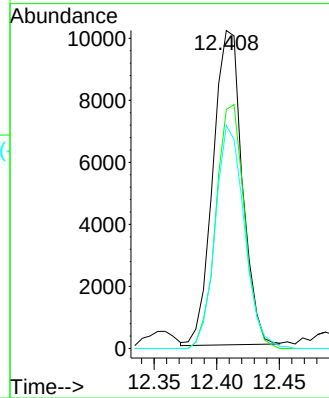
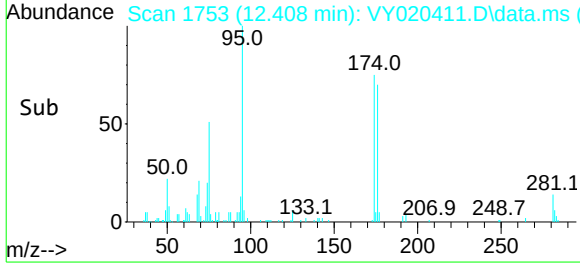
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-112124



Tgt Ion: 95 Resp: 16497
Ion Ratio Lower Upper
95 100
174 75.8 0.0 156.8
176 70.4 0.0 152.0

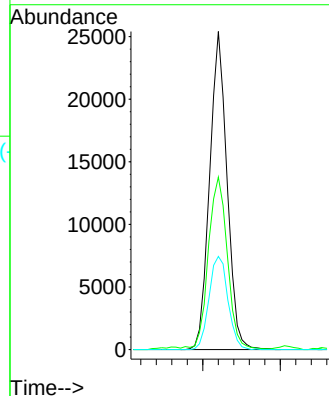
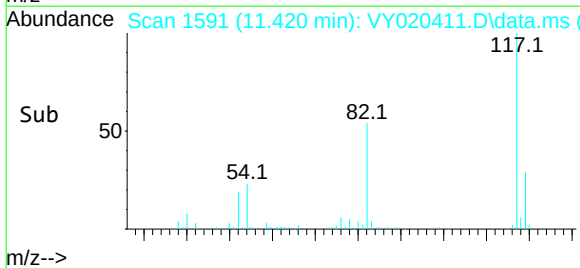
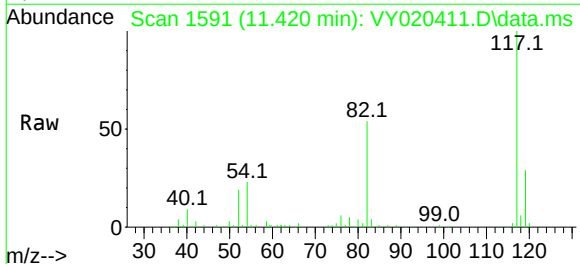
Manual Integrations
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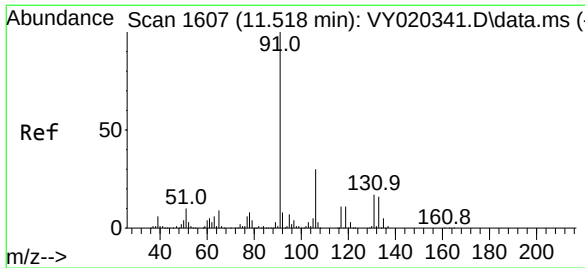
Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY020411.D
Acq: 22 Nov 2024 14:26

Tgt Ion:117 Resp: 39643
Ion Ratio Lower Upper
117 100
82 53.8 48.2 72.4
119 29.3 25.8 38.8





#67

Ethyl Benzene

Concen: 6.901 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY020411.D

Acq: 22 Nov 2024 14:26

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-112124

Tgt Ion: 91 Resp: 11253

Ion Ratio Lower Upper

91 100

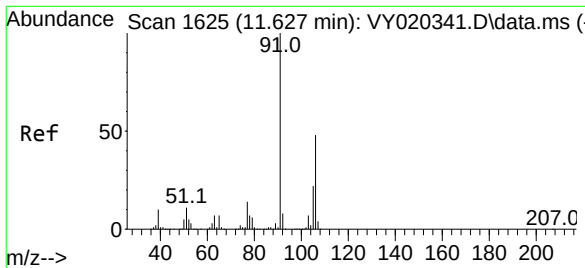
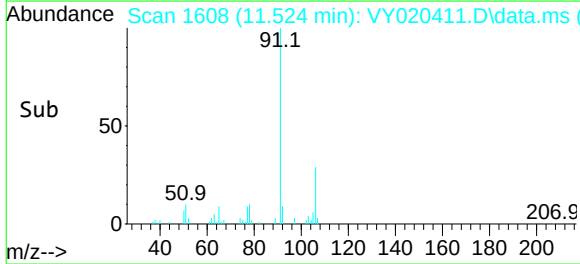
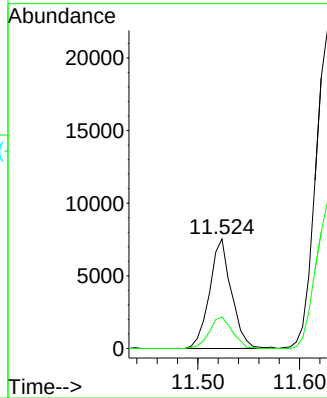
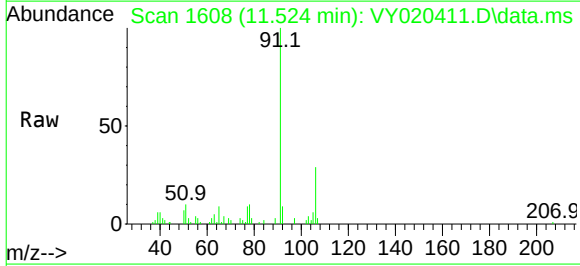
106 28.6 23.9 35.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 11/25/2024

Supervised By :Semsettin Yesilyurt 11/25/2024



#68

m/p-Xylenes

Concen: 30.807 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY020411.D

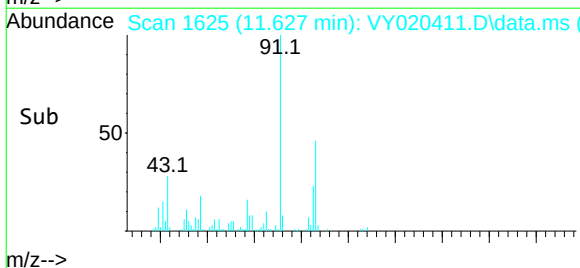
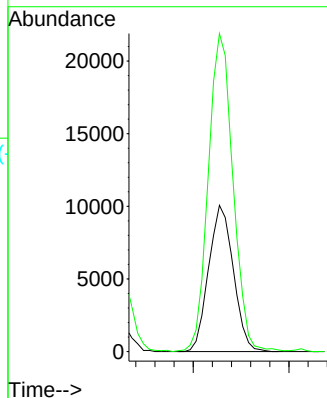
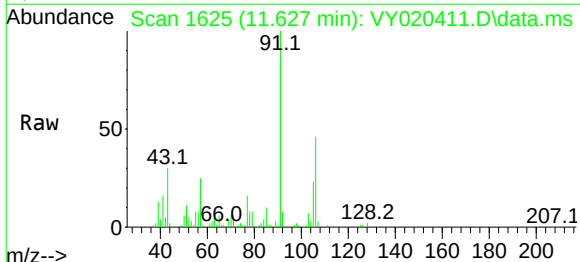
Acq: 22 Nov 2024 14:26

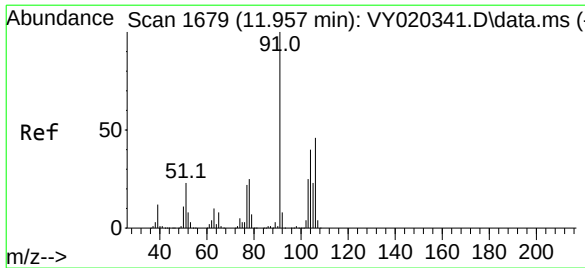
Tgt Ion:106 Resp: 18095

Ion Ratio Lower Upper

106 100

91 216.8 166.0 249.0





#69

o-Xylene

Concen: 24.119 ug/l

RT: 11.957 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY020411.D

Acq: 22 Nov 2024 14:26

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-112124

Tgt Ion:106 Resp: 13437

Ion Ratio Lower Upper

106 100

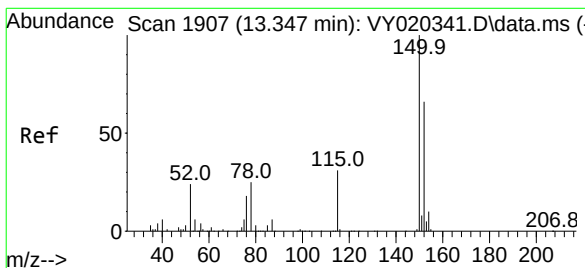
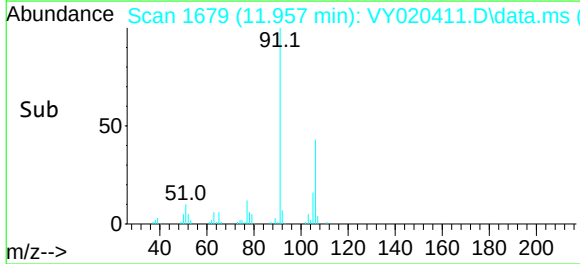
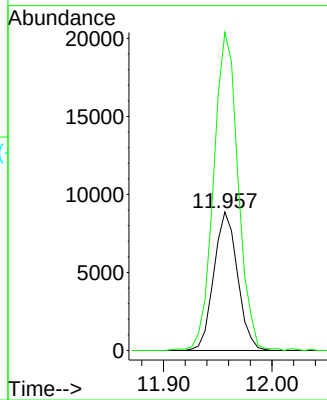
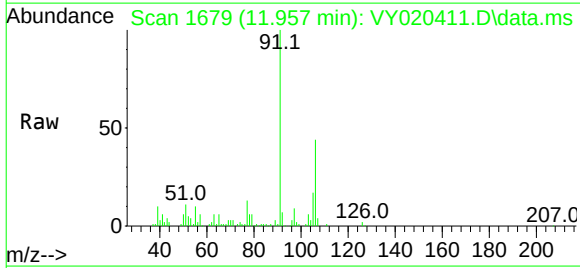
91 238.1 110.0 330.0

Manual Integrations

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Supervised By :Semsettin Yesilyurt 11/25/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020411.D

Acq: 22 Nov 2024 14:26

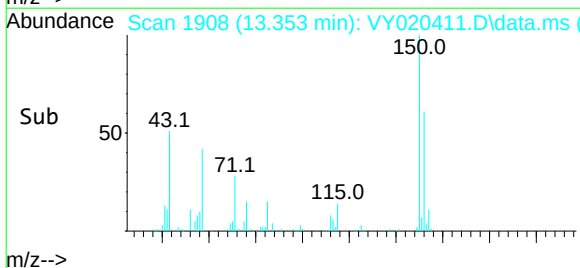
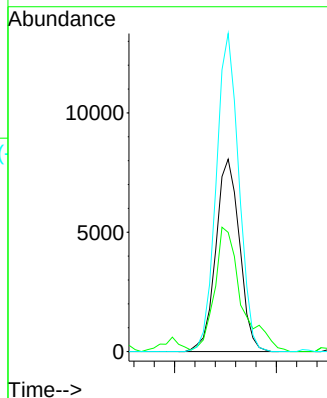
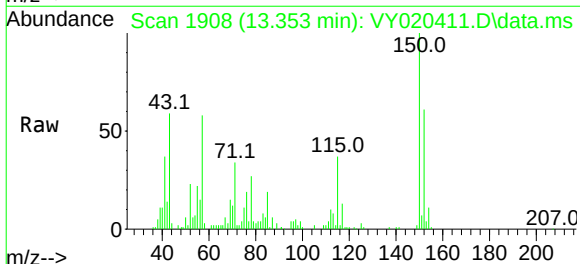
Tgt Ion:152 Resp: 13061

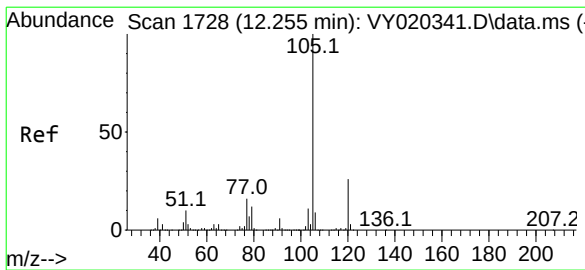
Ion Ratio Lower Upper

152 100

115 73.3 30.0 90.0

150 157.5 0.0 348.2





#73

Isopropylbenzene

Concen: 8.291 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY020411.D

Acq: 22 Nov 2024 14:26

Instrument :

MSVOA_Y

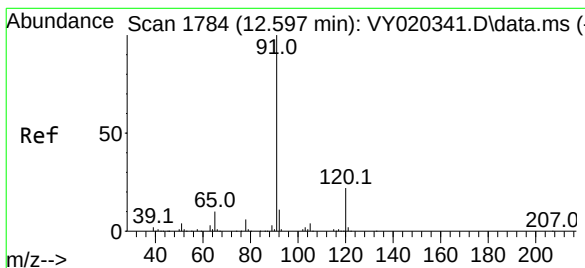
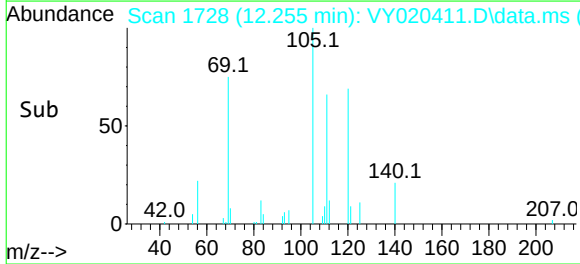
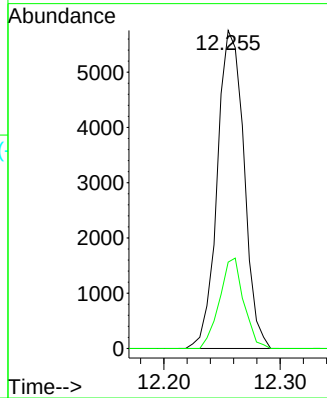
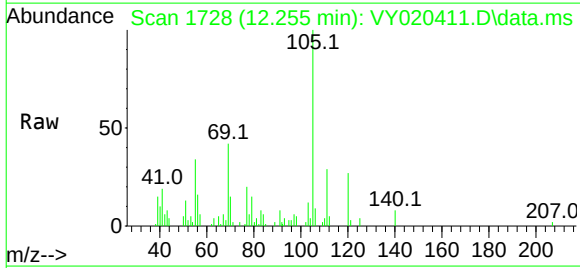
ClientSampleId :

TR-05-112124

Tgt Ion: 105 Resp: 9173
 Ion Ratio Lower Upper
 105 100
 120 25.8 12.7 38.1

Manual Integrations
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Reviewed By :Mahesh Dadoda 11/25/2024
 Supervised By :Semsettin Yesilyurt 11/25/2024



#78

n-propylbenzene

Concen: 19.636 ug/l

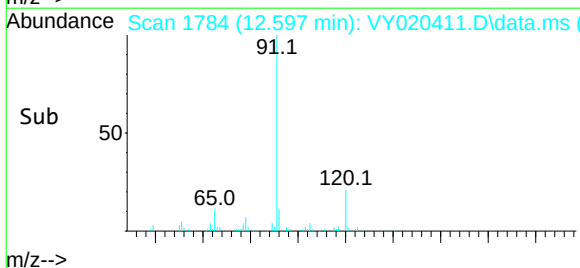
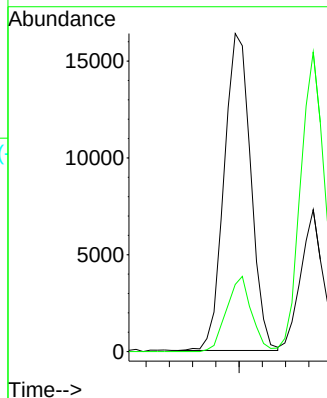
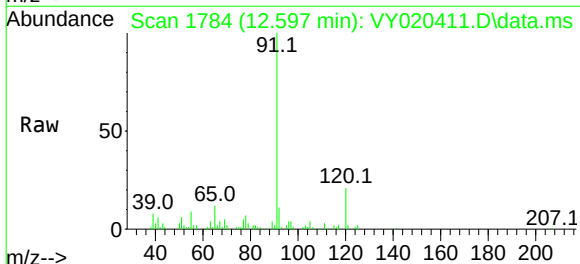
RT: 12.597 min Scan# 1784

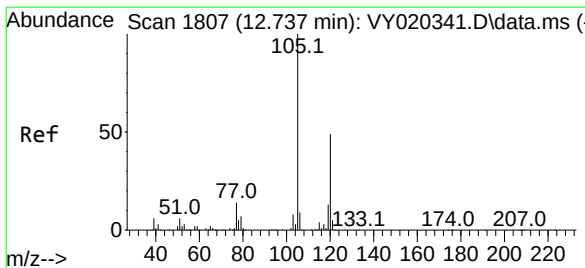
Delta R.T. -0.000 min

Lab File: VY020411.D

Acq: 22 Nov 2024 14:26

Tgt Ion: 91 Resp: 26074
 Ion Ratio Lower Upper
 91 100
 120 22.1 10.9 32.6





#80

1,3,5-Trimethylbenzene

Concen: 32.929 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VY020411.D

Acq: 22 Nov 2024 14:26

Instrument :

MSVOA_Y

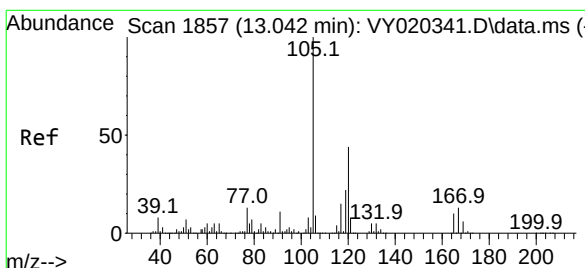
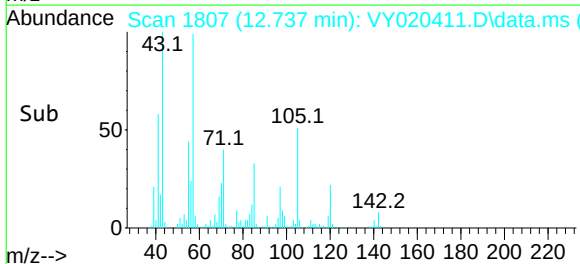
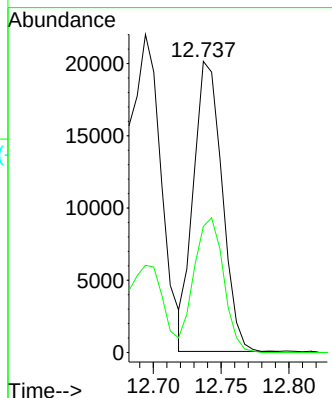
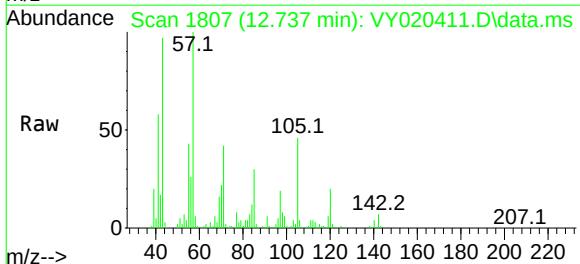
ClientSampleId :

TR-05-112124

Tgt Ion:105 Resp: 29445
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.3 72.8

Manual Integrations
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Reviewed By :Mahesh Dadoda 11/25/2024
 Supervised By :Semsettin Yesilyurt 11/25/2024



#84

1,2,4-Trimethylbenzene

Concen: 112.418 ug/l

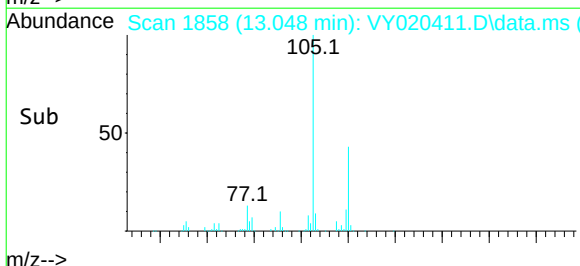
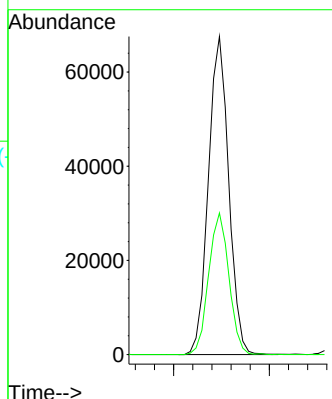
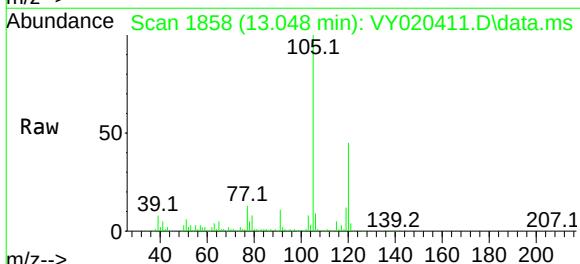
RT: 13.048 min Scan# 1858

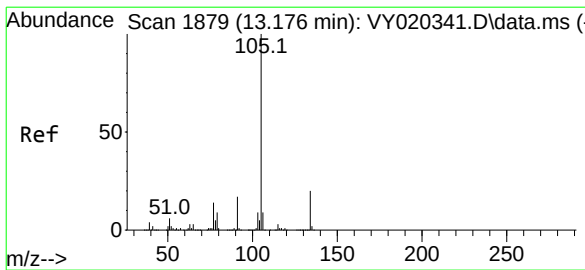
Delta R.T. 0.006 min

Lab File: VY020411.D

Acq: 22 Nov 2024 14:26

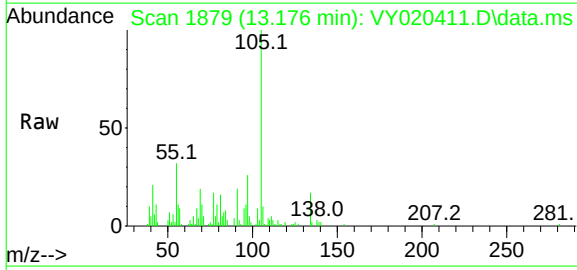
Tgt Ion:105 Resp: 99660
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.0 66.0





#85
sec-Butylbenzene
Concen: 12.775 ug/l
RT: 13.176 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VY020411.D
Acq: 22 Nov 2024 14:26

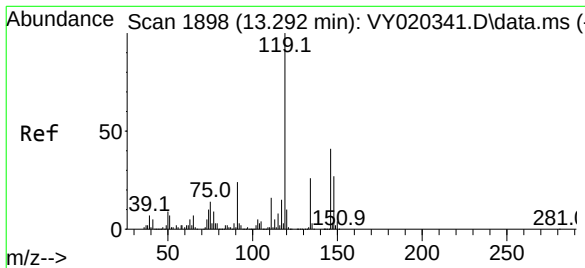
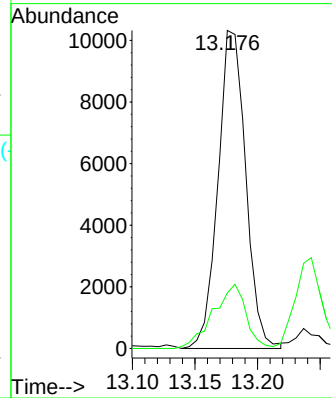
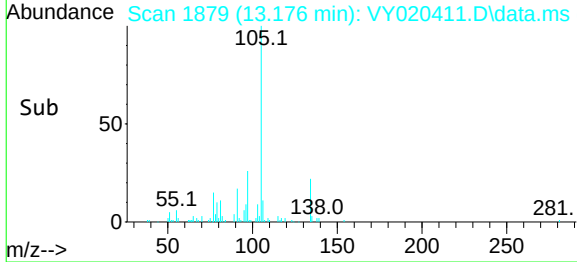
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-112124



Tgt Ion:105 Resp: 15892
Ion Ratio Lower Upper
105 100
134 23.9 9.8 29.5

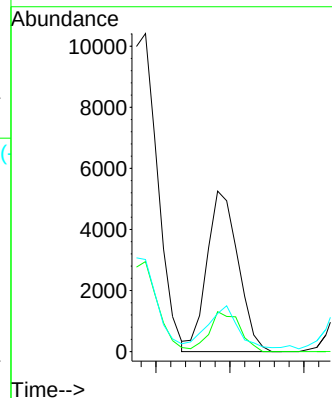
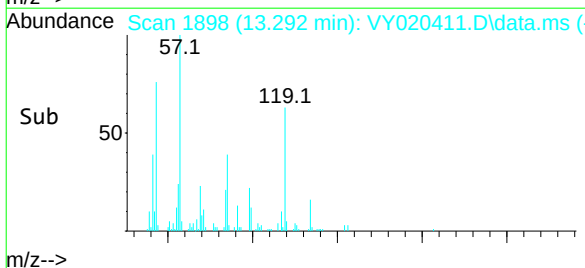
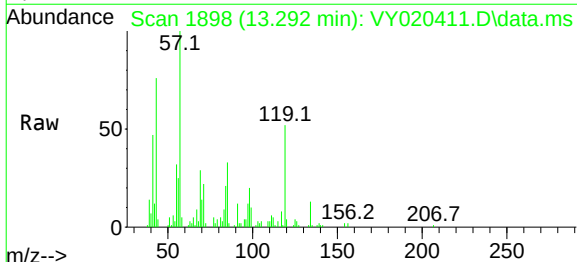
Manual Integrations
APPROVED

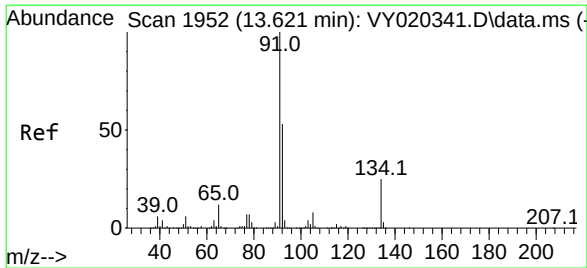
Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#86
p-Isopropyltoluene
Concen: 8.017 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY020411.D
Acq: 22 Nov 2024 14:26

Tgt Ion:119 Resp: 7711
Ion Ratio Lower Upper
119 100
134 24.2 12.8 38.4
91 24.3 12.3 36.8





#89
n-Butylbenzene
Concen: 14.389 ug/l m
RT: 13.621 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY020411.D
Acq: 22 Nov 2024 14:26

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-112124

Tgt	Ion: 91	Resp: 13254
Ion	Ratio	Lower Upper
91	100	
92	56.3	26.5 79.5
134	0.0	12.2 36.4

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/25/2024

