

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120924\
 Data File : VY020551.D
 Acq On : 09 Dec 2024 13:23
 Operator : SY/MD
 Sample : P5174-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ROLL-OFF-COMP

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/10/2024
 Supervised By :Semsettin Yesilyurt 12/10/2024

Quant Time: Dec 10 04:00:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	165810	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.609	114	282170	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	244501	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	102972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	92472	54.837	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.680%			
35) Dibromofluoromethane	7.634	113	87822	49.438	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.880%			
50) Toluene-d8	10.103	98	341243	50.448	ug/l	-0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.900%			
62) 4-Bromofluorobenzene	12.401	95	109166	46.144	ug/l	-0.01
Spiked Amount 50.000	Range 29 - 146		Recovery = 92.280%			
Target Compounds						
68) m/p-Xylenes	11.621	106	5688	1.352	ug/l	98
73) Isopropylbenzene	12.249	105	10430	1.047	ug/l	92
78) n-propylbenzene	12.596	91	22237	1.885	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	21341	2.673	ug/l	100
84) 1,2,4-Trimethylbenzene	13.041	105	70798	9.123	ug/l	99
85) sec-Butylbenzene	13.170	105	20768	2.008	ug/l	85
89) n-Butylbenzene	13.615	91	14252m	1.798	ug/l	

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

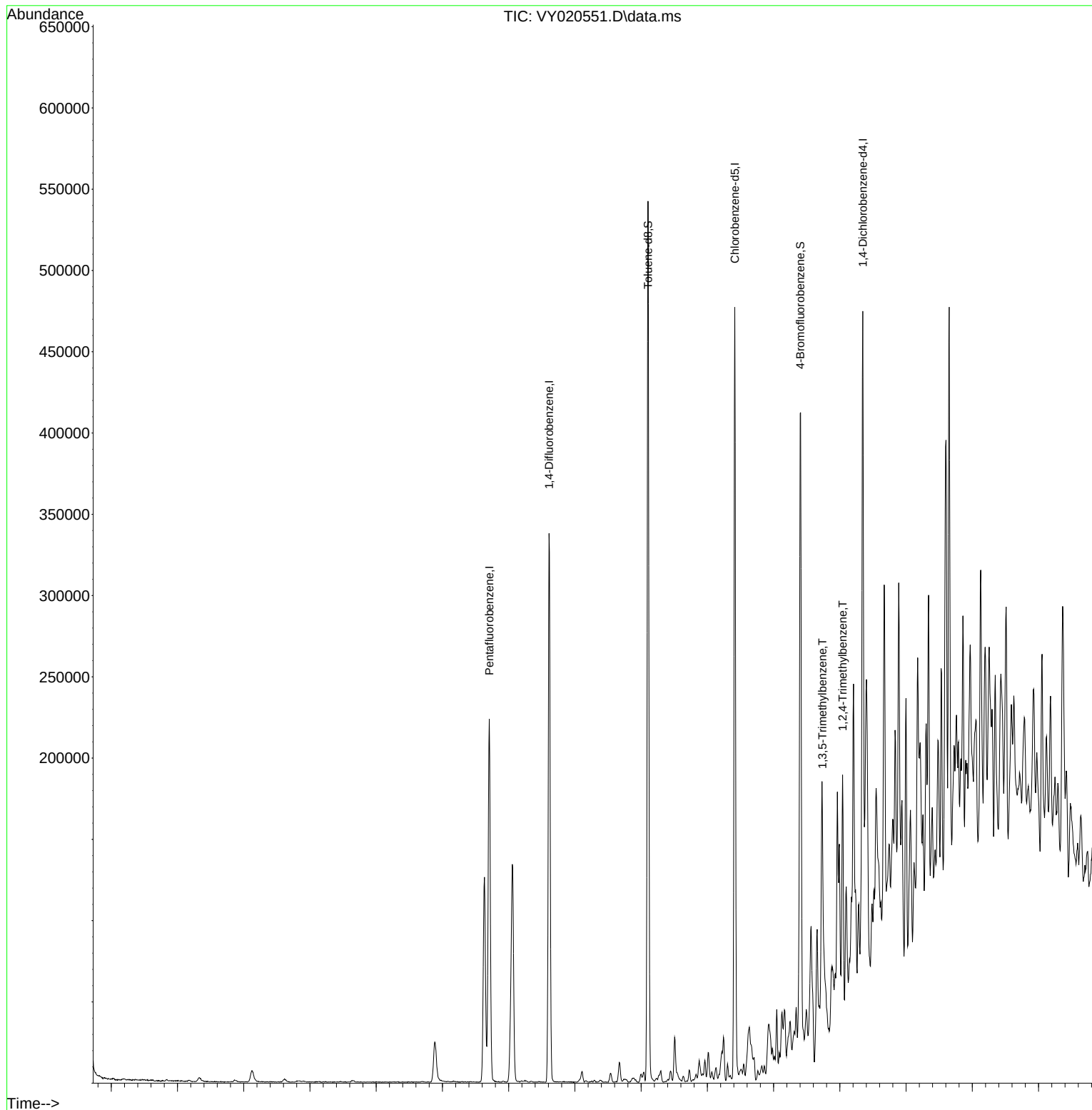
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120924\
Data File : VY020551.D
Acq On : 09 Dec 2024 13:23
Operator : SY/MD
Sample : P5174-01
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ALS Vial : 5 Sample Multiplier: 1

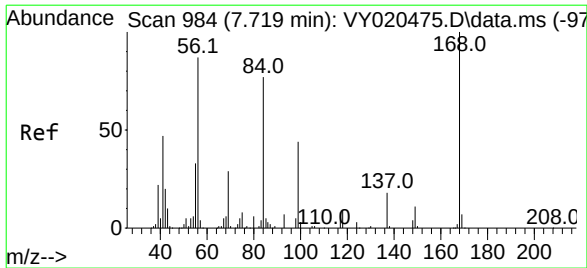
Instrument :
MSVOA_Y
ClientSampleId :
ROLL-OFF-COMP

Quant Time: Dec 10 04:00:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 03 01:39:23 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

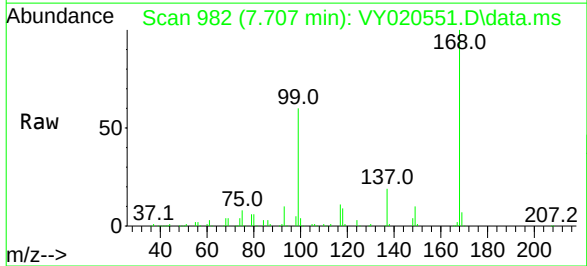
Reviewed By :Mahesh Dadoda 12/10/2024
Supervised By :Semsettin Yesilyurt 12/10/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.012 min
Lab File: VY020551.D
Acq: 09 Dec 2024 13:23

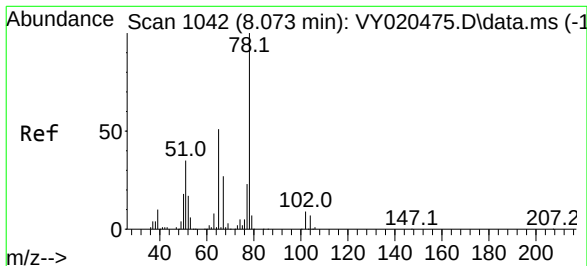
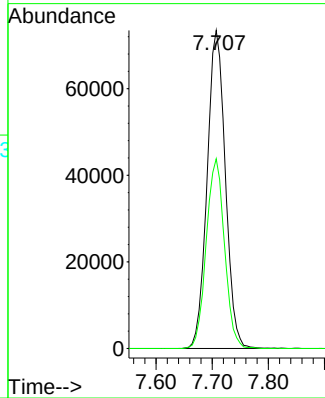
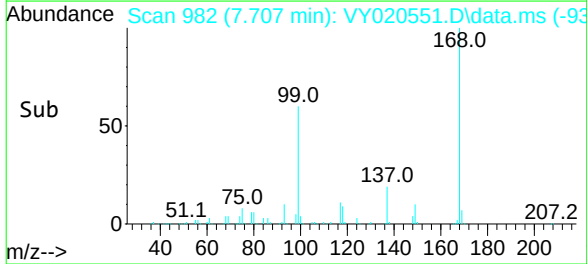
Instrument :
MSVOA_Y
ClientSampleId :
ROLL-OFF-COMP



Tgt Ion:168 Resp: 165810
Ion Ratio Lower Upper
168 100
99 59.6 46.6 69.8

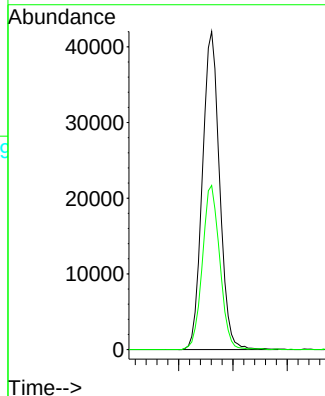
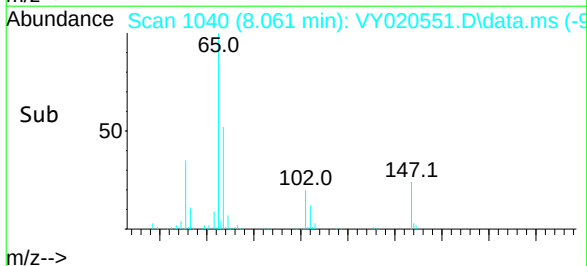
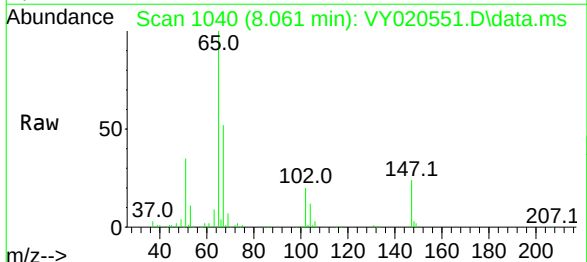
Manual Integrations
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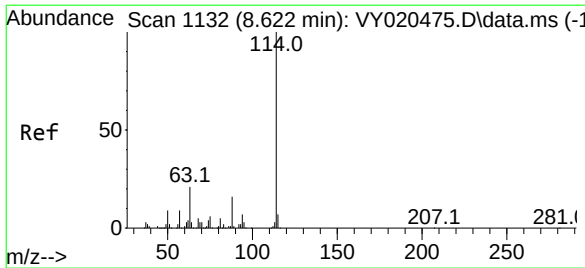
Reviewed By :Mahesh Dadoda 12/10/2024
Supervised By :Semsettin Yesilyurt 12/10/2024



#33
1,2-Dichloroethane-d4
Concen: 54.837 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY020551.D
Acq: 09 Dec 2024 13:23

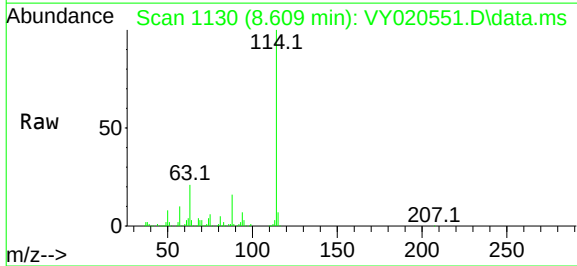
Tgt Ion: 65 Resp: 92472
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1132
Delta R.T. -0.012 min
Lab File: VY020551.D
Acq: 09 Dec 2024 13:23

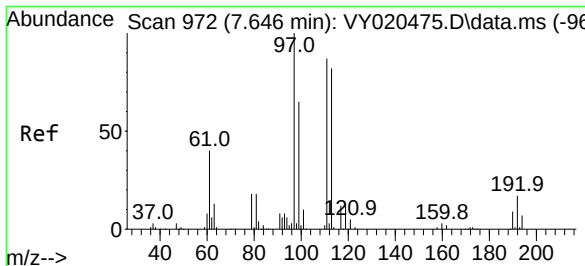
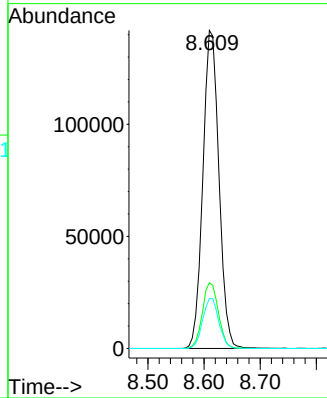
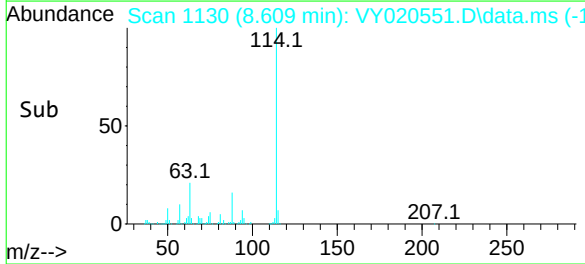
Instrument :
MSVOA_Y
ClientSampleId :
ROLL-OFF-COMP



Tgt Ion:114 Resp: 282170
Ion Ratio Lower Upper
114 100
63 20.7 0.0 44.8
88 15.7 0.0 32.0

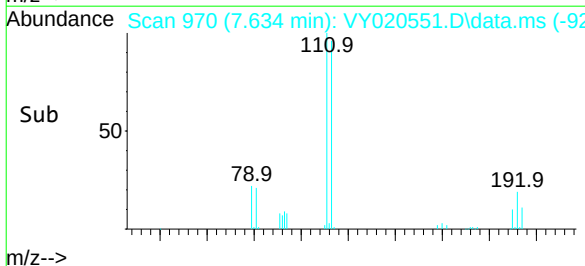
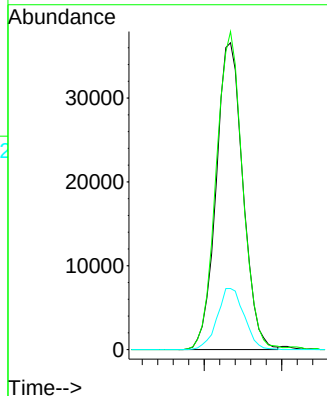
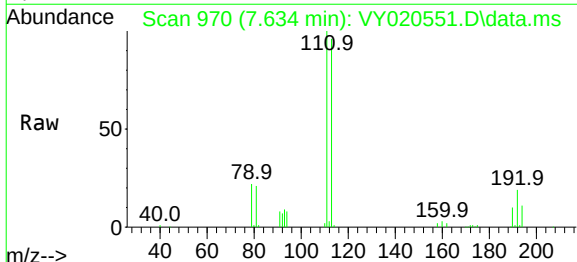
Manual Integrations
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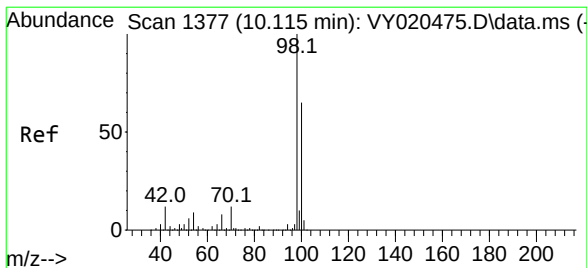
Reviewed By :Mahesh Dadoda 12/10/2024
Supervised By :Semsettin Yesilyurt 12/10/2024



#35
Dibromofluoromethane
Concen: 49.438 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.012 min
Lab File: VY020551.D
Acq: 09 Dec 2024 13:23

Tgt Ion:113 Resp: 87822
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 20.0 15.1 22.7





#50

Toluene-d8

Concen: 50.448 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.012 min

Lab File: VY020551.D

Acq: 09 Dec 2024 13:23

Instrument :

MSVOA_Y

ClientSampleId :

ROLL-OFF-COMP

Tgt Ion: 98 Resp: 341243

Ion Ratio Lower Upper

98 100

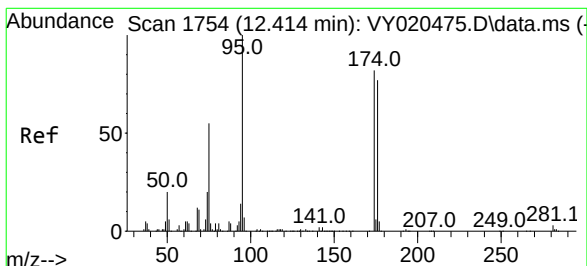
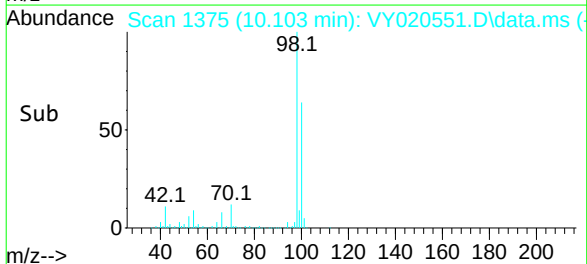
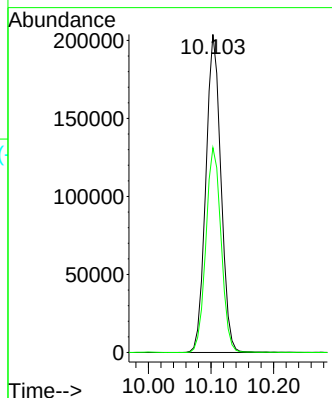
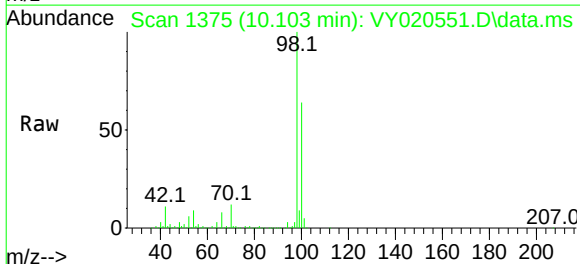
100 65.0 51.3 76.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/10/2024

Supervised By :Semsettin Yesilyurt 12/10/2024



#62

4-Bromofluorobenzene

Concen: 46.144 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.012 min

Lab File: VY020551.D

Acq: 09 Dec 2024 13:23

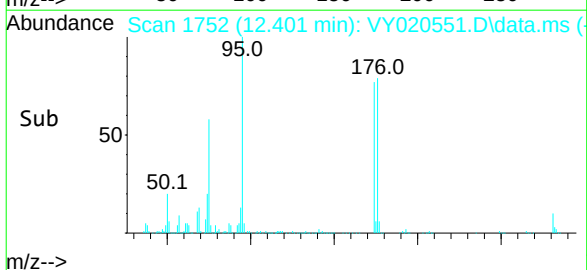
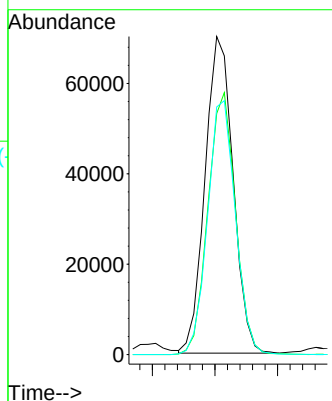
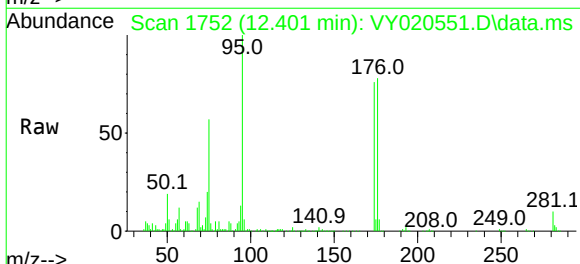
Tgt Ion: 95 Resp: 109166

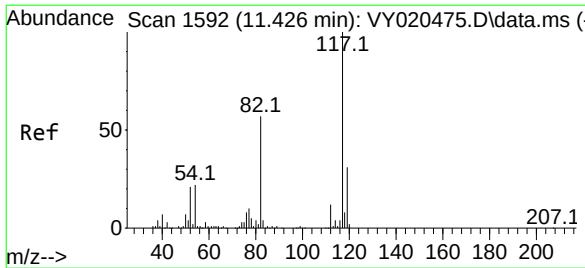
Ion Ratio Lower Upper

95 100

174 81.2 0.0 156.8

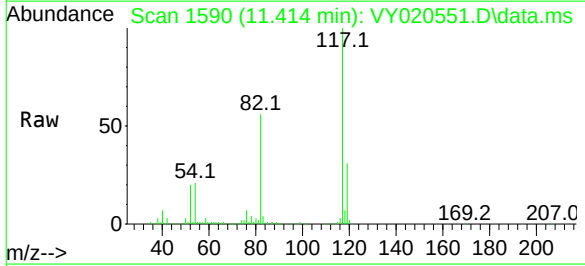
176 79.7 0.0 152.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1592
Delta R.T. -0.012 min
Lab File: VY020551.D
Acq: 09 Dec 2024 13:23

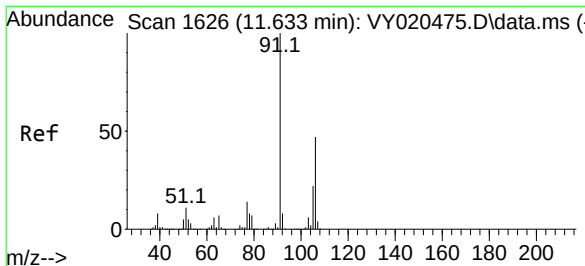
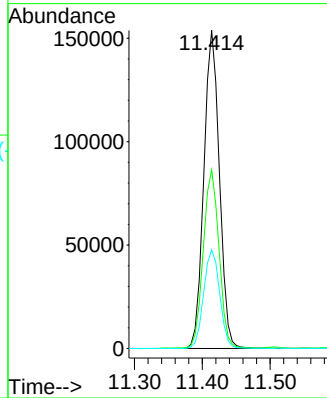
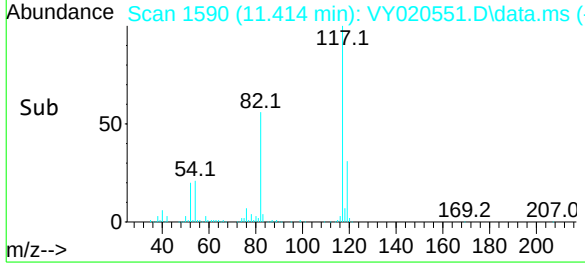
Instrument :
MSVOA_Y
ClientSampleId :
ROLL-OFF-COMP



Tgt Ion:117 Resp: 244501
Ion Ratio Lower Upper
117 100
82 56.0 48.2 72.4
119 31.0 25.8 38.8

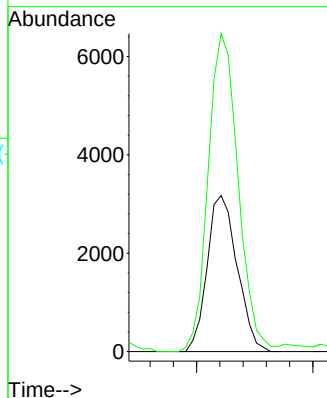
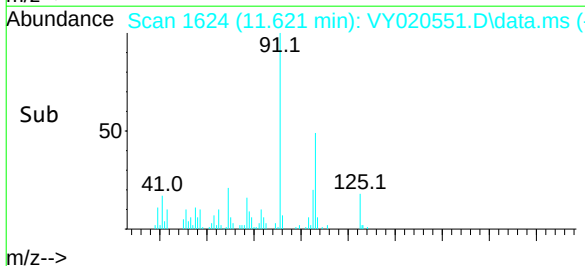
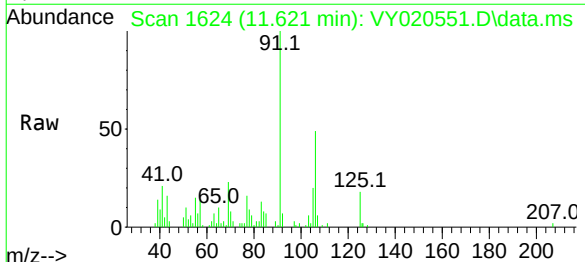
Manual Integrations
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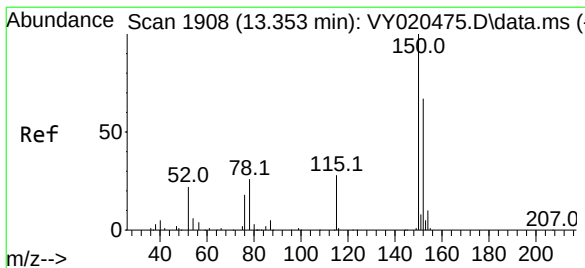
Reviewed By :Mahesh Dadoda 12/10/2024
Supervised By :Semsettin Yesilyurt 12/10/2024



#68
m/p-Xylenes
Concen: 1.352 ug/l
RT: 11.621 min Scan# 1624
Delta R.T. -0.012 min
Lab File: VY020551.D
Acq: 09 Dec 2024 13:23

Tgt Ion:106 Resp: 5688
Ion Ratio Lower Upper
106 100
91 203.8 166.0 249.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VY020551.D

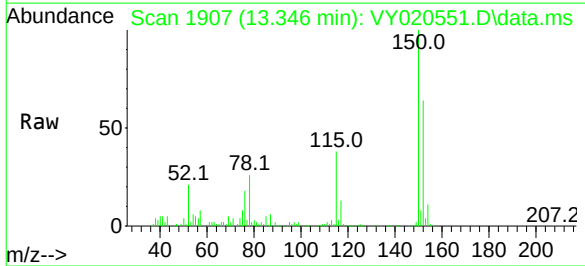
Acq: 09 Dec 2024 13:23

Instrument :

MSVOA_Y

ClientSampleId :

ROLL-OFF-COMP



Tgt Ion:152 Resp: 102972

Ion Ratio Lower Upper

152 100

115 59.8 30.0 90.0

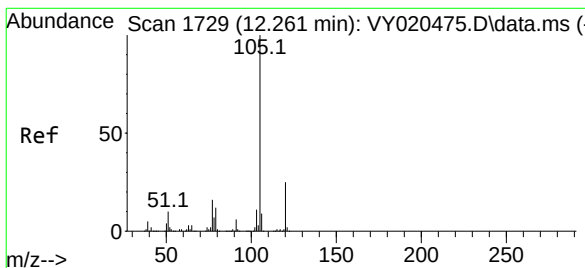
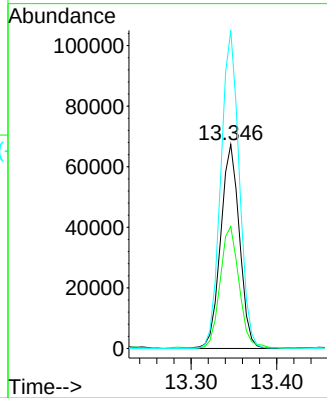
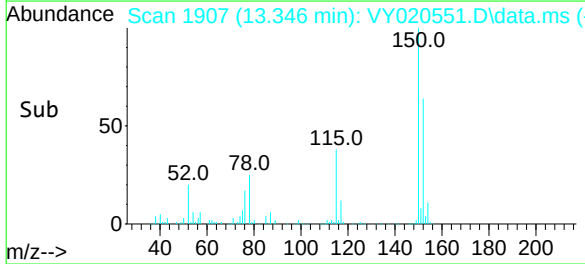
150 152.1 0.0 348.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/10/2024

Supervised By :Semsettin Yesilyurt 12/10/2024



#73

Isopropylbenzene

Concen: 1.047 ug/l

RT: 12.249 min Scan# 1727

Delta R.T. -0.012 min

Lab File: VY020551.D

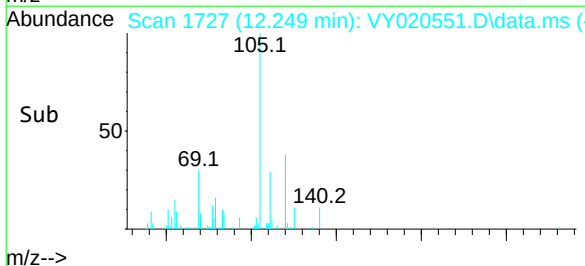
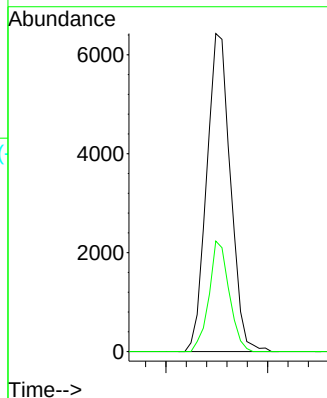
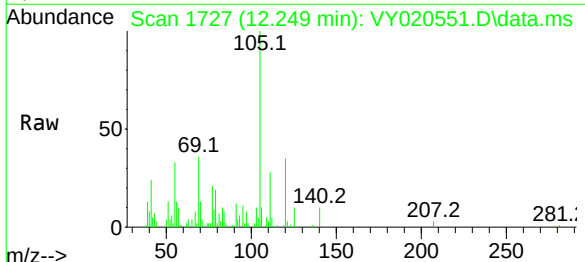
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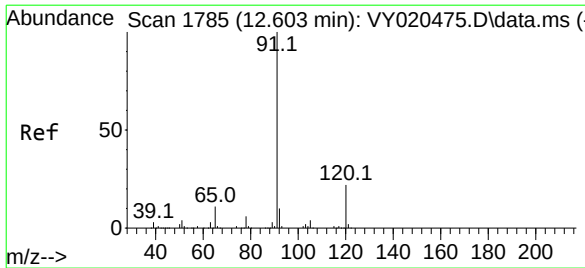
Tgt Ion:105 Resp: 10430

Ion Ratio Lower Upper

105 100

120 29.5 12.7 38.1





#78

n-propylbenzene

Concen: 1.885 ug/l

RT: 12.596 min Scan# 17

Delta R.T. -0.006 min

Lab File: VY020551.D

Acq: 09 Dec 2024 13:23

Instrument :

MSVOA_Y

ClientSampleId :

ROLL-OFF-COMP

Tgt Ion: 91 Resp: 22237

Ion Ratio Lower Upper

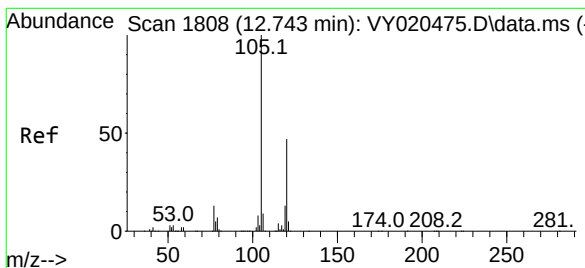
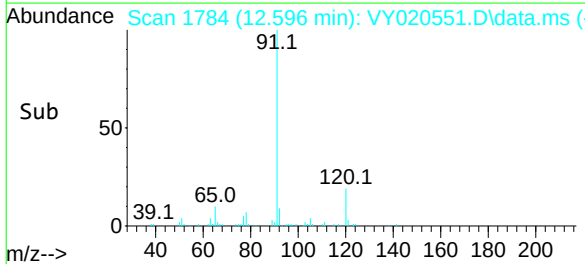
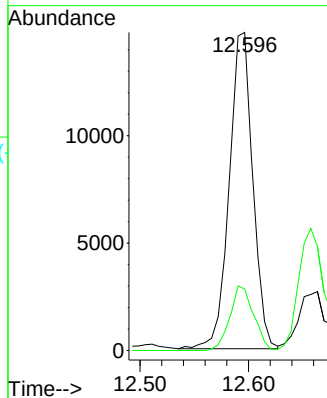
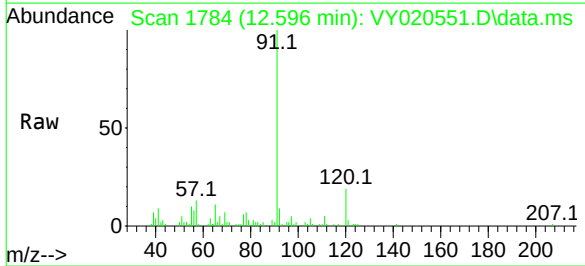
91 100

120 20.6 10.9 32.6

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 2.673 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY020551.D

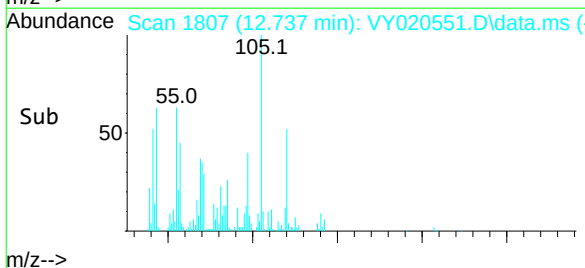
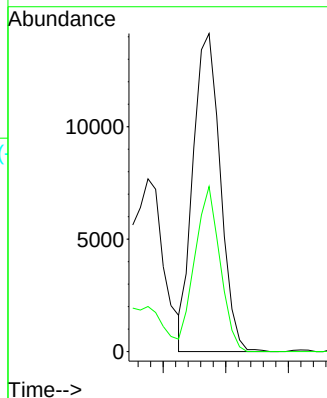
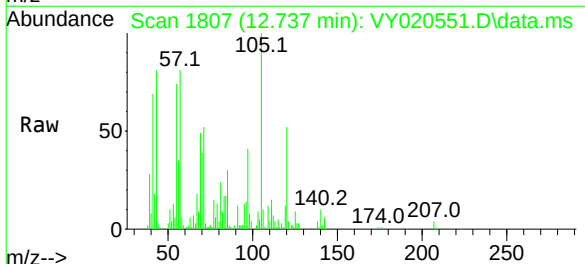
Acq: 09 Dec 2024 13:23

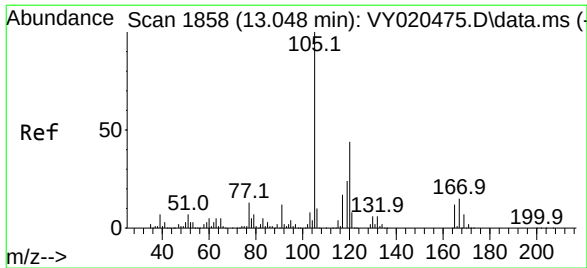
Tgt Ion:105 Resp: 21341

Ion Ratio Lower Upper

105 100

120 48.2 24.3 72.8





#84

1,2,4-Trimethylbenzene

Concen: 9.123 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY020551.D

Acq: 09 Dec 2024 13:23

Instrument :

MSVOA_Y

ClientSampleId :

ROLL-OFF-COMP

Tgt Ion:105 Resp: 70798

Ion Ratio Lower Upper

105 100

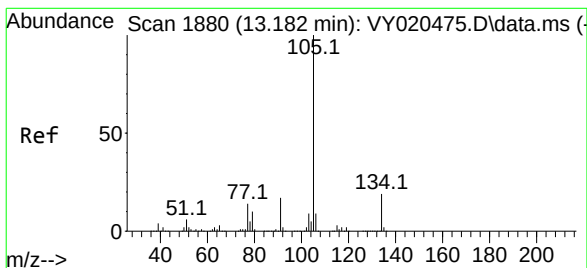
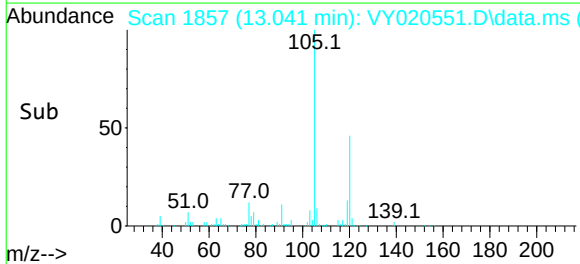
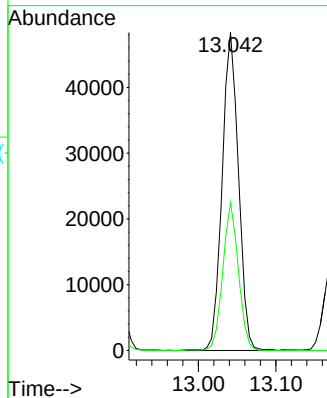
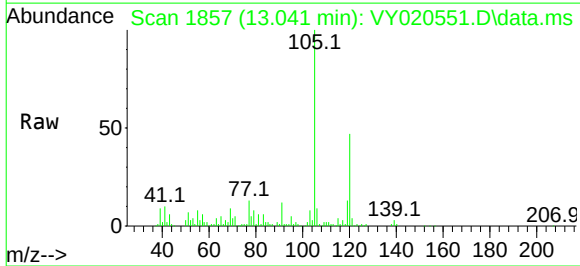
120 44.5 22.0 66.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/10/2024

Supervised By :Semsettin Yesilyurt 12/10/2024



#85

sec-Butylbenzene

Concen: 2.008 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. -0.012 min

Lab File: VY020551.D

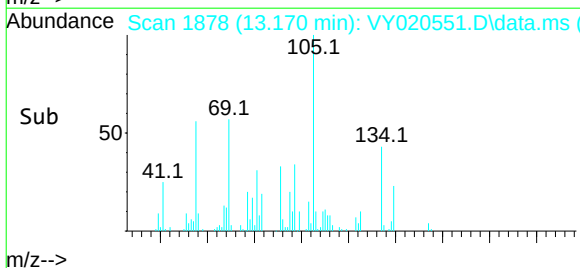
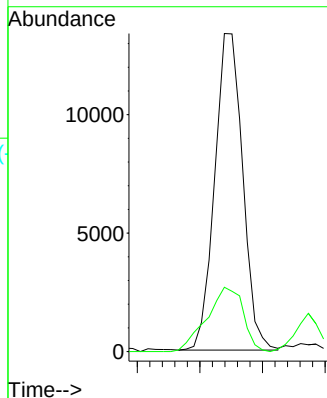
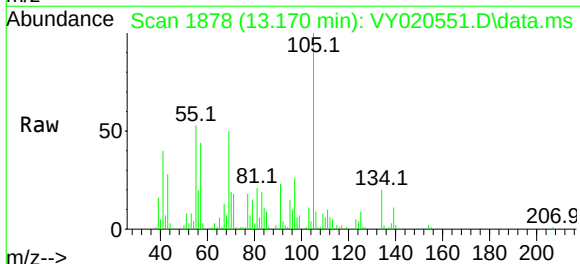
Acq: 09 Dec 2024 13:23

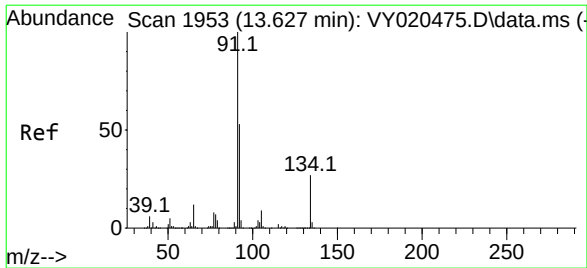
Tgt Ion:105 Resp: 20768

Ion Ratio Lower Upper

105 100

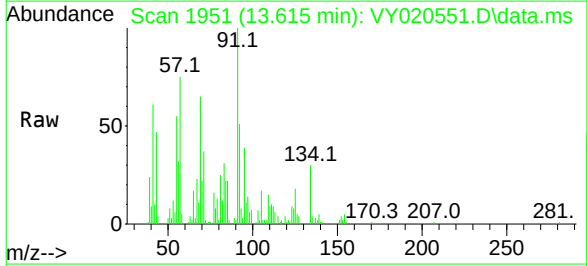
134 26.3 9.8 29.5





#89
n-Butylbenzene
Concen: 1.798 ug/l m
RT: 13.615 min Scan# 19
Delta R.T. -0.012 min
Lab File: VY020551.D
Acq: 09 Dec 2024 13:23

Instrument :
MSVOA_Y
ClientSampleId :
ROLL-OFF-COMP



Tgt	Ion	Ratio	Lower	Upper
91	91	100		
92	92	52.7	26.5	79.5
134	134	0.0	12.2	36.4

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/10/2024
Supervised By :Semsettin Yesilyurt 12/10/2024

