

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071124\
 Data File : VY018781.D
 Acq On : 11 Jul 2024 16:24
 Operator : SY/MD
 Sample : P3184-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP(00187-00189-00186)

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/12/2024
 Supervised By :Semsettin Yesilyurt 07/12/2024

Quant Time: Jul 12 01:40:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	74054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	131318	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	114025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	33300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	39299	53.930	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.860%			
35) Dibromofluoromethane	7.703	113	39627	48.180	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.360%			
50) Toluene-d8	10.173	98	150072	48.162	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.320%			
62) 4-Bromofluorobenzene	12.477	95	43383	40.769	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 81.540%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	9778	132.460	ug/l #	90
20) Methylene Chloride	4.692	84	12473	12.690	ug/l #	84
31) Cyclohexane	7.771	56	7653m	6.836	ug/l	
39) Methylcyclohexane	9.173	83	12205	8.391	ug/l	94
40) Benzene	8.142	78	6149	1.867	ug/l	93
52) Toluene	10.240	92	57325	26.194	ug/l	97
67) Ethyl Benzene	11.587	91	25953	6.159	ug/l	92
68) m/p-Xylenes	11.697	106	39889	24.123	ug/l	95
69) o-Xylene	12.026	106	16730	10.762	ug/l	99
73) Isopropylbenzene	12.325	105	5830	2.392	ug/l	96
78) n-propylbenzene	12.666	91	8967	3.098	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	12129	6.082	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	38024	19.189	ug/l	97
85) sec-Butylbenzene	13.251	105	10169	3.891	ug/l	89
86) p-Isopropyltoluene	13.367	119	5817	2.579	ug/l	93

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

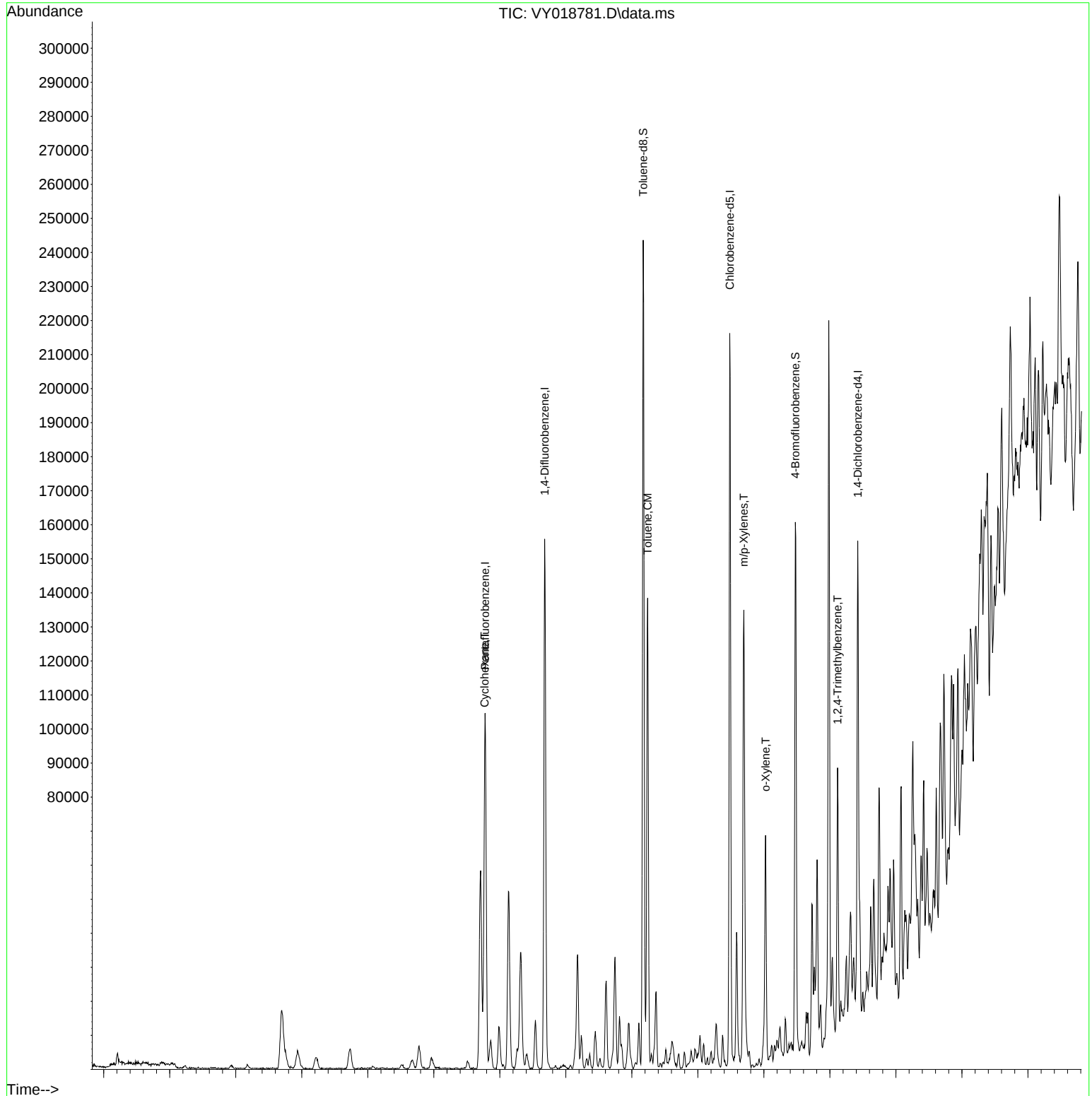
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071124\
Data File : VY018781.D
Acq On : 11 Jul 2024 16:24
Operator : SY/MD
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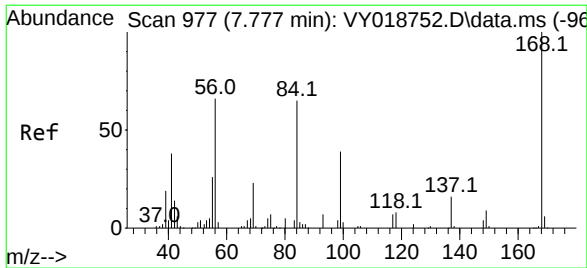
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Supervised By :Semsettin Yesilyurt 07/12/2024

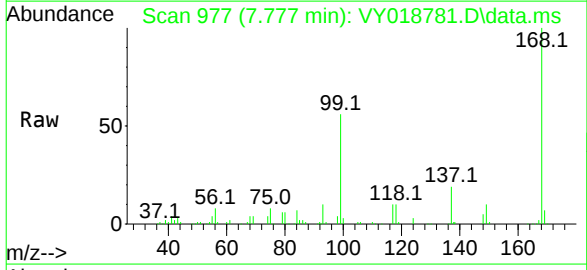
Quant Time: Jul 12 01:40:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY018781.D
Acq: 11 Jul 2024 16:24

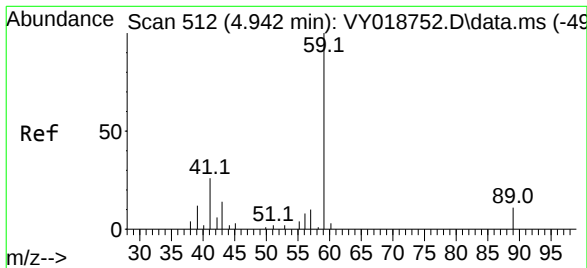
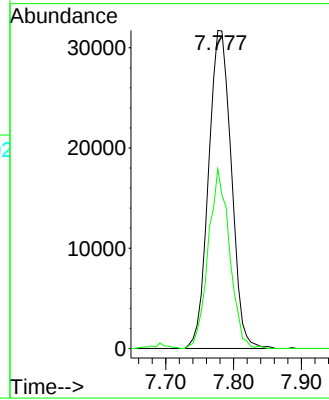
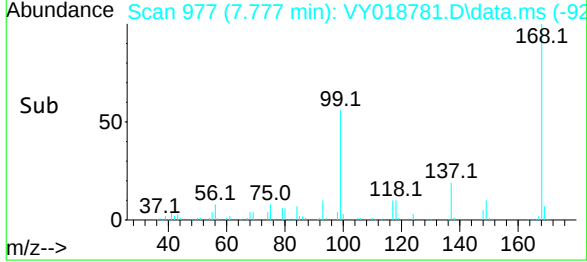
Instrument :
MSVOA_Y
ClientSampleId :
COMP(00187-00189-00186)



Tgt Ion:168 Resp: 74054
Ion Ratio Lower Upper
168 100
99 56.4 39.1 58.7

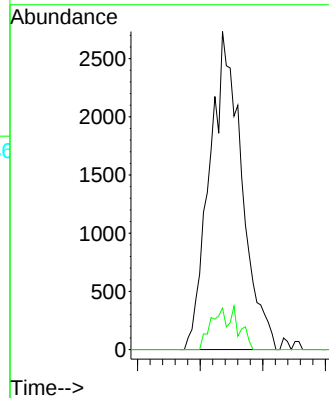
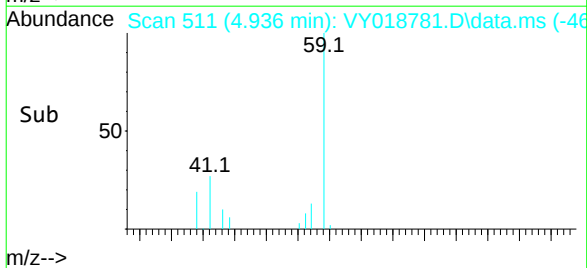
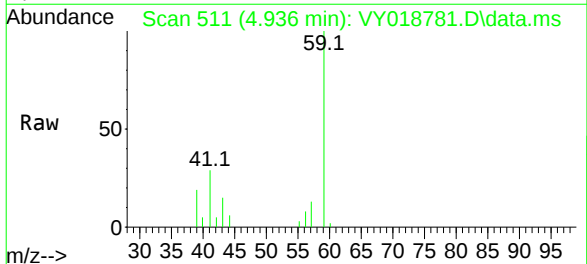
Manual Integrations
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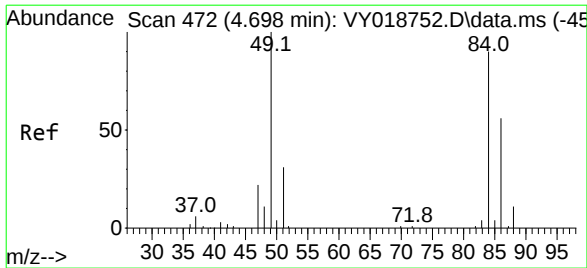
Reviewed By :Mahesh Dadoda 07/12/2024
Supervised By :Semsettin Yesilyurt 07/12/2024



#11
Tert butyl alcohol
Concen: 132.460 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY018781.D
Acq: 11 Jul 2024 16:24

Tgt Ion: 59 Resp: 9778
Ion Ratio Lower Upper
59 100
57 7.0 3.0 4.6#





#20

Methylene Chloride

Concen: 12.690 ug/l

RT: 4.692 min Scan# 47

Delta R.T. -0.006 min

Lab File: VY018781.D

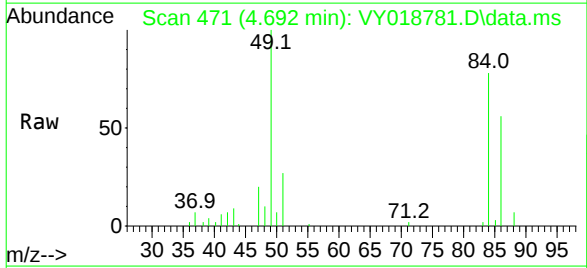
Acq: 11 Jul 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

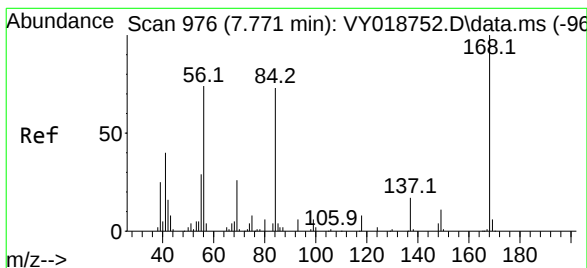
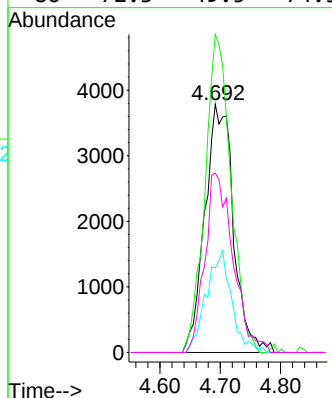
COMP(00187-00189-00186)



Tgt	Ion	Ratio	Lower	Upper
84	100			
49	128.2	84.4	126.6	#
51	34.1	26.0	39.0	
86	72.3	49.5	74.3	

Manual Integrations
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Supervised By :Semsettin Yesilyurt 07/12/2024



#31

Cyclohexane

Concen: 6.836 ug/l m

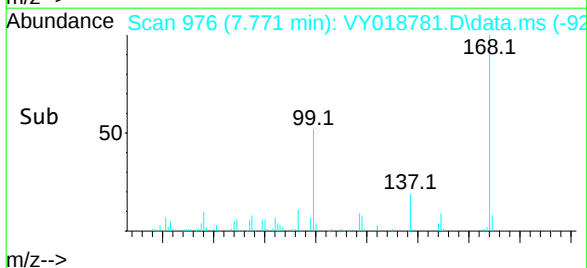
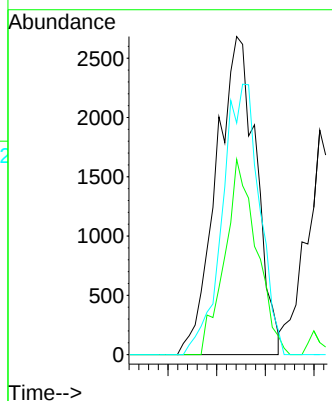
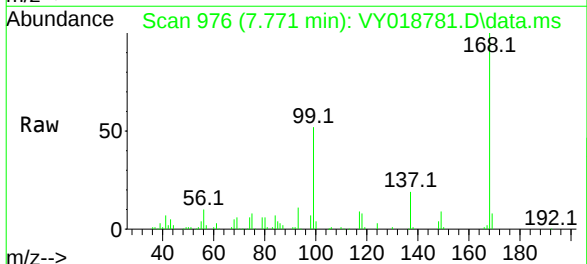
RT: 7.771 min Scan# 976

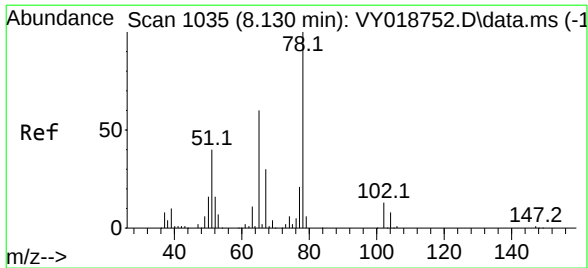
Delta R.T. -0.000 min

Lab File: VY018781.D

Acq: 11 Jul 2024 16:24

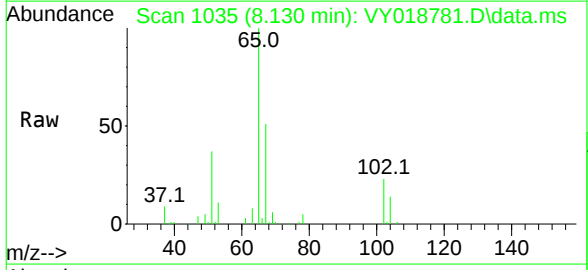
Tgt	Ion	Ratio	Lower	Upper
56	100			
69	61.4	28.7	43.1	#
84	72.8	77.7	116.5	#





#33
 1,2-Dichloroethane-d4
 Concen: 53.930 ug/l
 RT: 8.130 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VY018781.D
 Acq: 11 Jul 2024 16:24

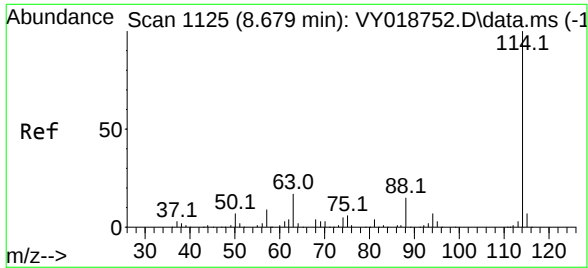
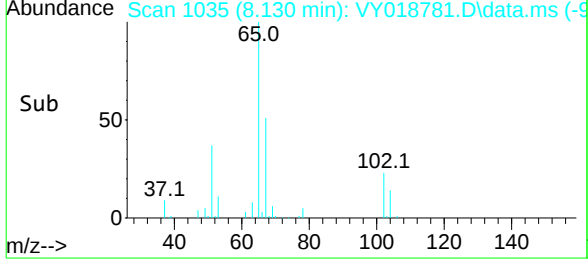
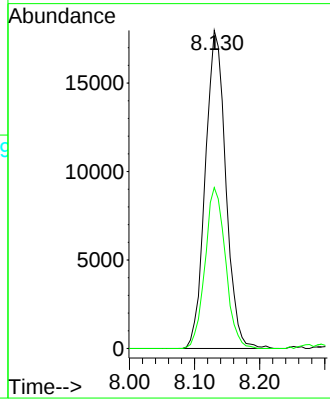
Instrument : MSVOA_Y
 ClientSampleId : COMP(00187-00189-00186)



Tgt Ion: 65 Resp: 39299
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 109.6

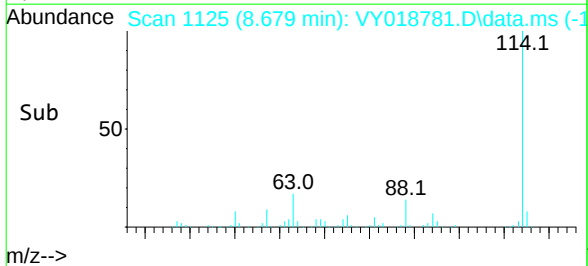
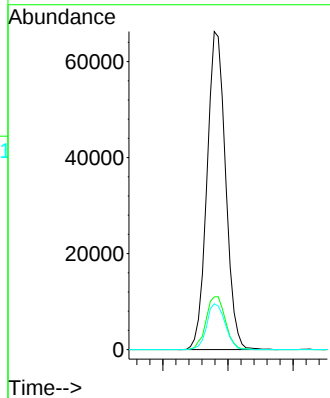
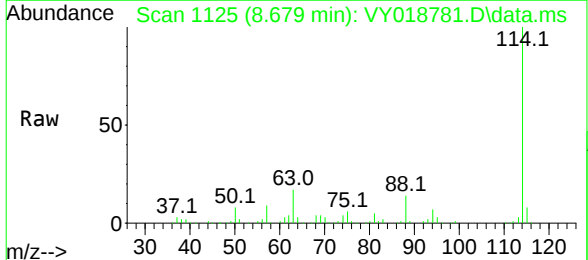
Manual Integrations
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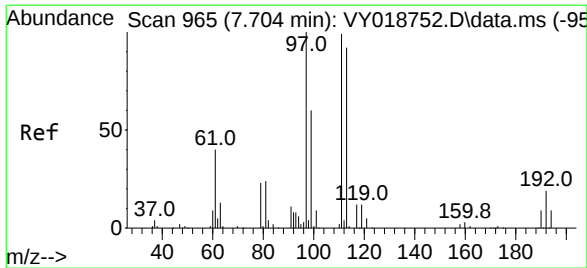
Reviewed By :Mahesh Dadoda 07/12/2024
 Supervised By :Semsettin Yesilyurt 07/12/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.679 min Scan# 1125
 Delta R.T. -0.000 min
 Lab File: VY018781.D
 Acq: 11 Jul 2024 16:24

Tgt Ion:114 Resp: 131318
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 35.0
 88 14.4 0.0 27.2





#35

Dibromofluoromethane

Concen: 48.180 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY018781.D

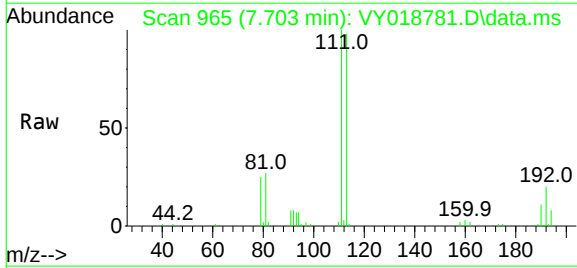
Acq: 11 Jul 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

COMP(00187-00189-00186)



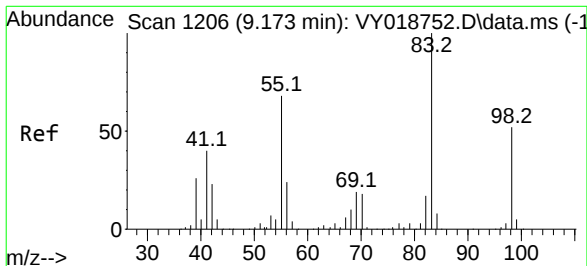
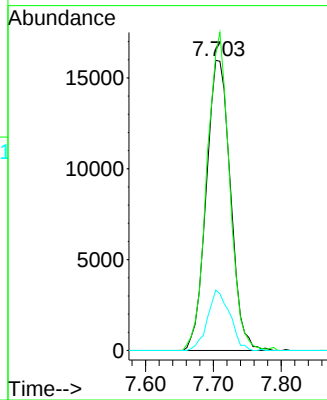
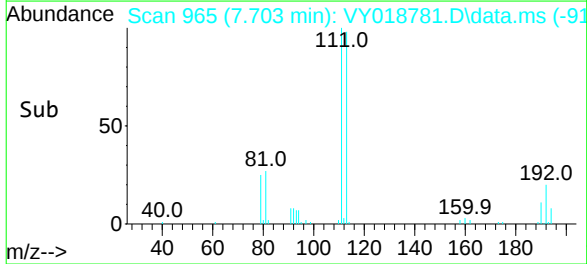
Tgt Ion:	113	Resp:	39627
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	19.1	15.9	23.9

Manual Integrations

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#39

Methylcyclohexane

Concen: 8.391 ug/l

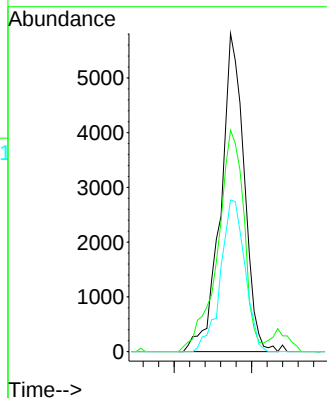
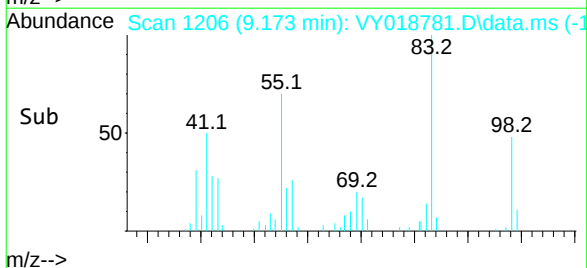
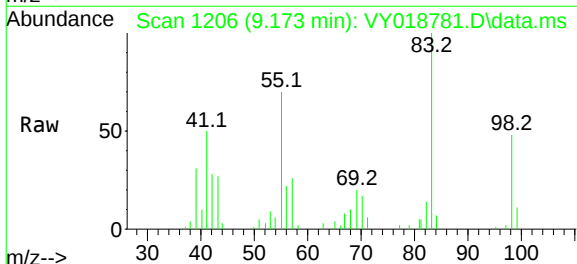
RT: 9.173 min Scan# 1206

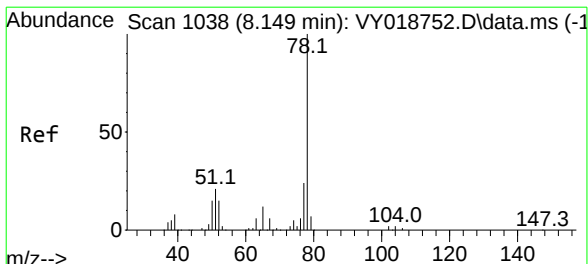
Delta R.T. -0.000 min

Lab File: VY018781.D

Acq: 11 Jul 2024 16:24

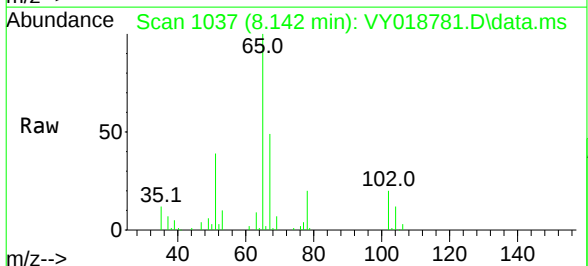
Tgt Ion:	83	Resp:	12205
Ion	Ratio	Lower	Upper
83	100		
55	69.6	51.5	77.3
98	47.7	40.5	60.7





#40
Benzene
Concen: 1.867 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.007 min
Lab File: VY018781.D
Acq: 11 Jul 2024 16:24

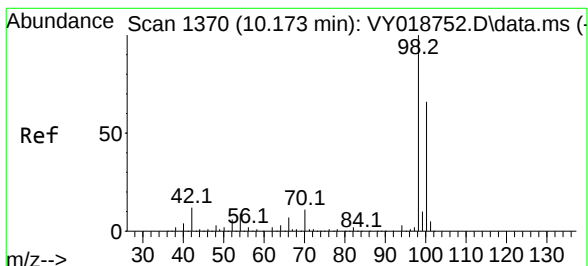
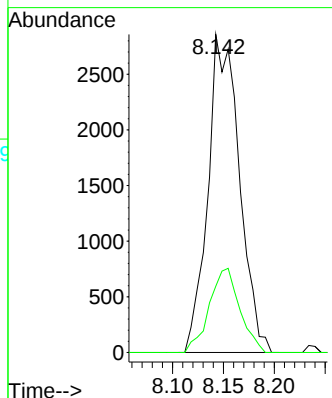
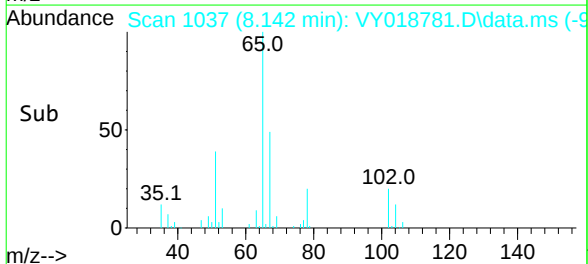
Instrument : MSVOA_Y
ClientSampleId : COMP(00187-00189-00186)



Tgt Ion: 78 Resp: 6149
Ion Ratio Lower Upper
78 100
77 20.8 19.5 29.3

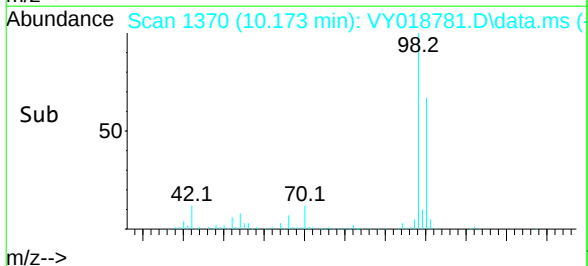
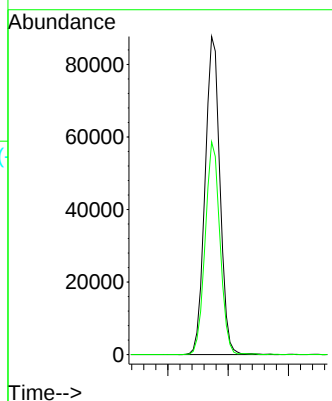
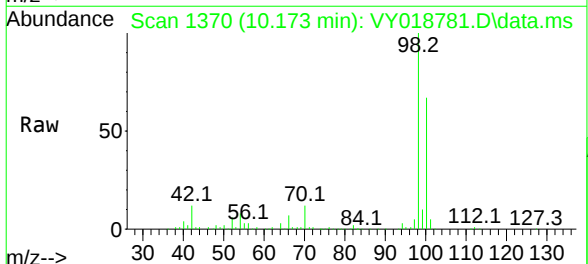
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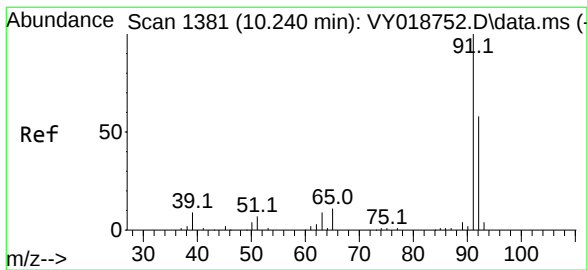
Reviewed By :Mahesh Dadoda 07/12/2024
Supervised By :Semsettin Yesilyurt 07/12/2024



#50
Toluene-d8
Concen: 48.162 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018781.D
Acq: 11 Jul 2024 16:24

Tgt Ion: 98 Resp: 150072
Ion Ratio Lower Upper
98 100
100 66.5 52.0 78.0





#52

Toluene

Concen: 26.194 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VY018781.D

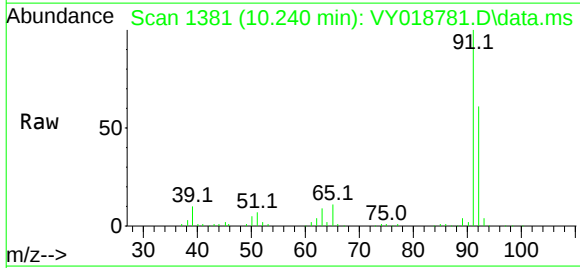
Acq: 11 Jul 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

COMP(00187-00189-00186)



Tgt Ion: 92 Resp: 57325

Ion Ratio Lower Upper

92 100

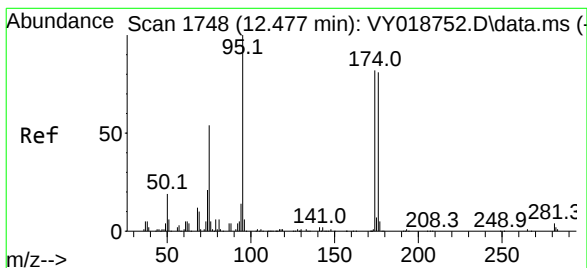
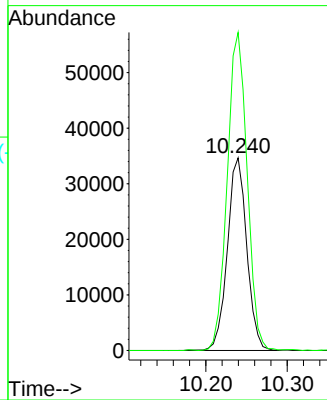
91 169.6 139.0 208.6

Manual Integrations

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Supervised By :Semsettin Yesilyurt 07/12/2024



#62

4-Bromofluorobenzene

Concen: 40.769 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY018781.D

Acq: 11 Jul 2024 16:24

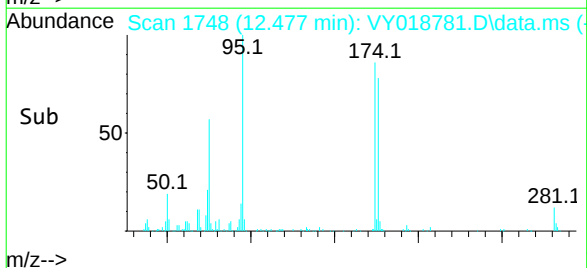
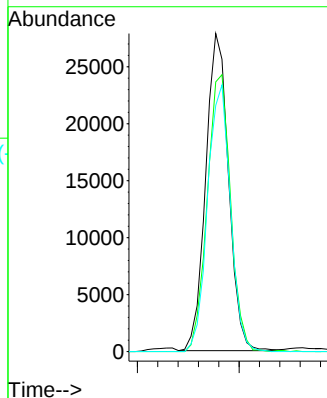
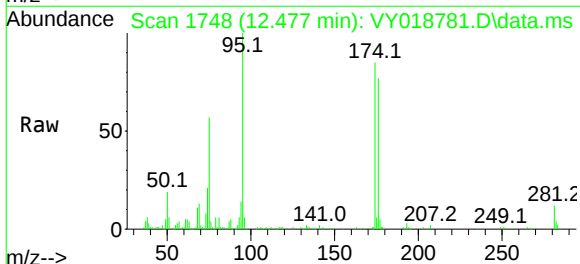
Tgt Ion: 95 Resp: 43383

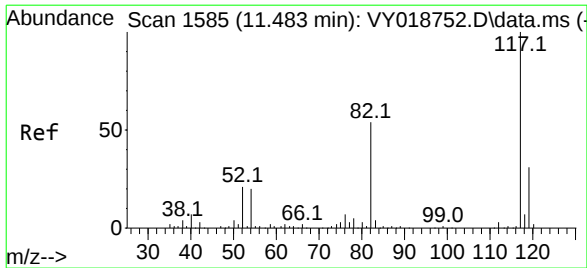
Ion Ratio Lower Upper

95 100

174 89.2 0.0 175.6

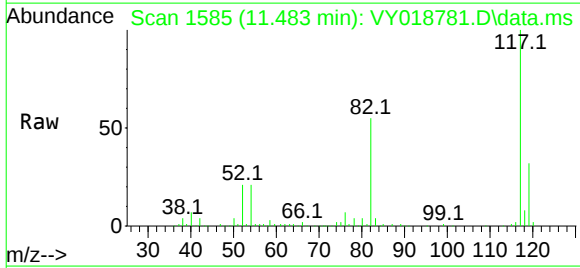
176 84.0 0.0 171.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VY018781.D
Acq: 11 Jul 2024 16:24

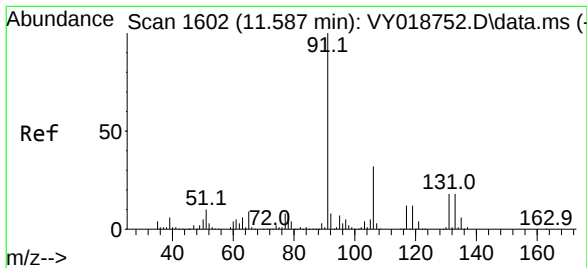
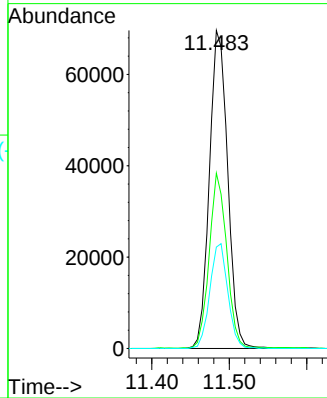
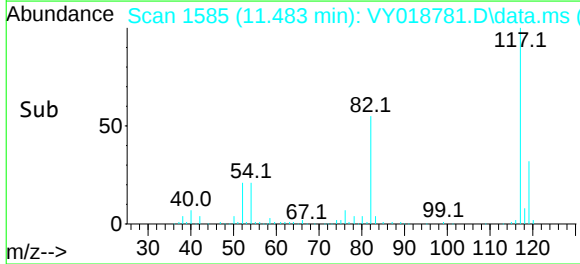
Instrument : MSVOA_Y
ClientSampleId :
COMP(00187-00189-00186)



Tgt Ion:117 Resp: 114025
Ion Ratio Lower Upper
117 100
82 55.0 42.4 63.6
119 31.9 25.9 38.9

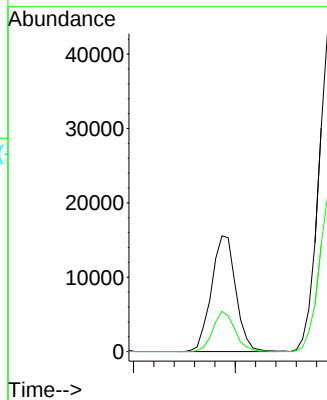
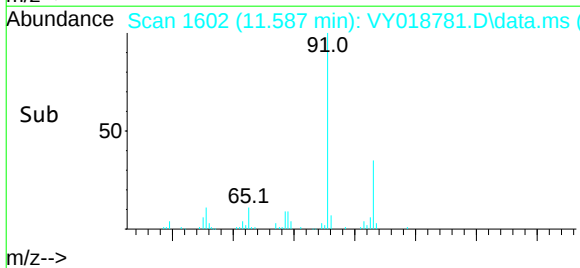
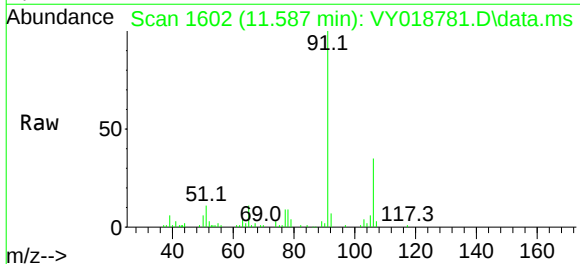
Manual Integrations
APPROVED

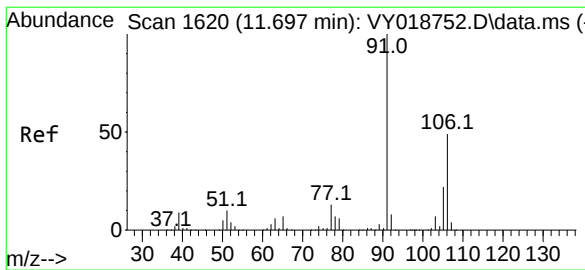
Reviewed By :Mahesh Dadoda 07/12/2024
Supervised By :Semsettin Yesilyurt 07/12/2024



#67
Ethyl Benzene
Concen: 6.159 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY018781.D
Acq: 11 Jul 2024 16:24

Tgt Ion: 91 Resp: 25953
Ion Ratio Lower Upper
91 100
106 34.8 24.5 36.7





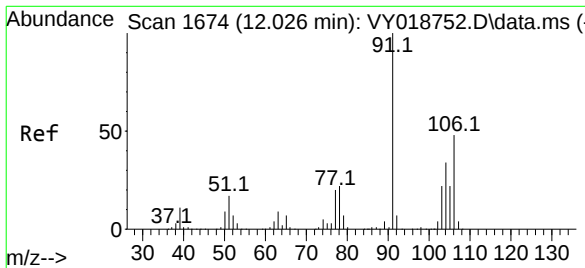
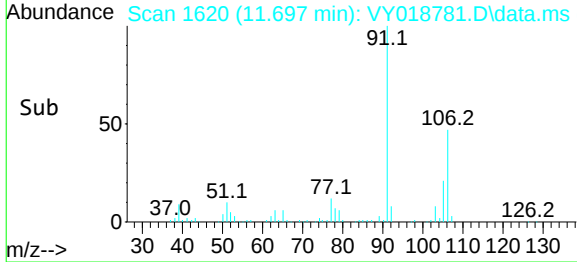
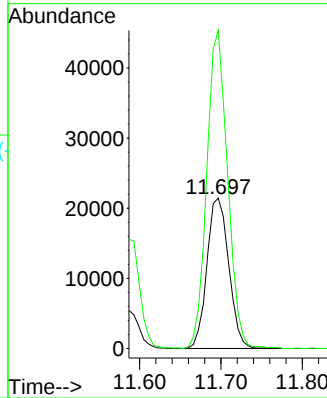
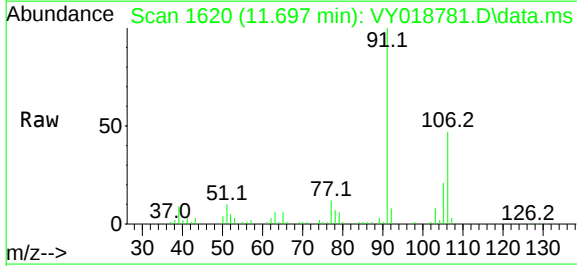
#68
m/p-Xylenes
Concen: 24.123 ug/l
RT: 11.697 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VY018781.D
Acq: 11 Jul 2024 16:24

Instrument :
MSVOA_Y
ClientSampleId :
COMP(00187-00189-00186)

Tgt Ion:106 Resp: 39889
Ion Ratio Lower Upper
106 100
91 202.4 156.0 234.0

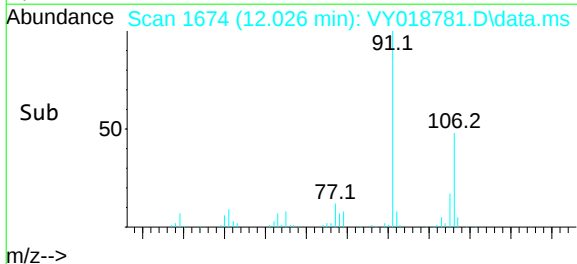
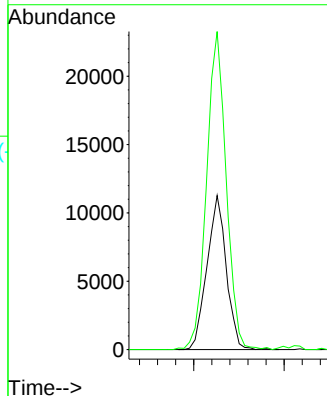
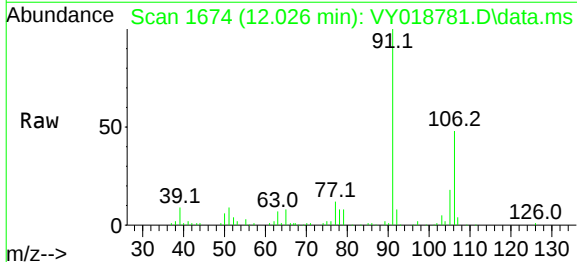
Manual Integrations
APPROVED

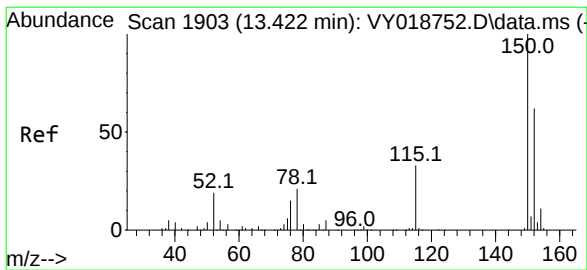
Reviewed By :Mahesh Dadoda 07/12/2024
Supervised By :Semsettin Yesilyurt 07/12/2024



#69
o-Xylene
Concen: 10.762 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY018781.D
Acq: 11 Jul 2024 16:24

Tgt Ion:106 Resp: 16730
Ion Ratio Lower Upper
106 100
91 209.4 103.6 310.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY018781.D

Acq: 11 Jul 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

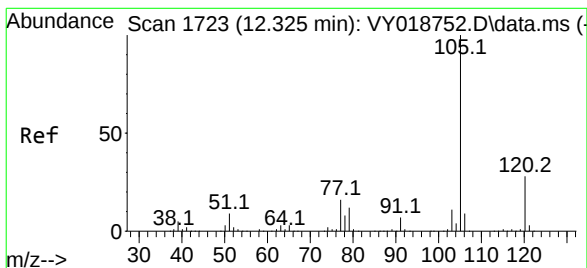
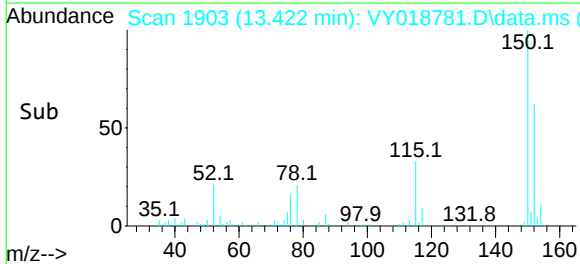
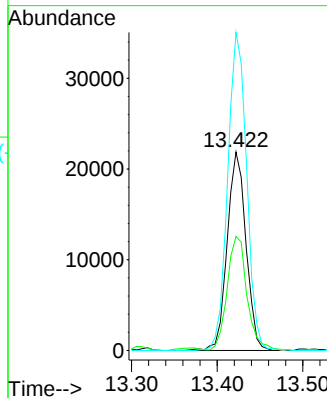
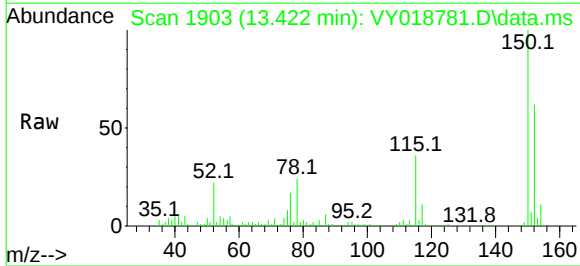
COMP(00187-00189-00186)

Tgt Ion:152 Resp: 33300
 Ion Ratio Lower Upper
 152 100
 115 60.9 28.2 84.7
 150 161.7 0.0 345.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/12/2024
 Supervised By :Semsettin Yesilyurt 07/12/2024



#73

Isopropylbenzene

Concen: 2.392 ug/l

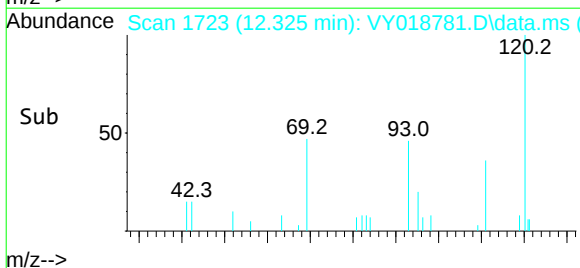
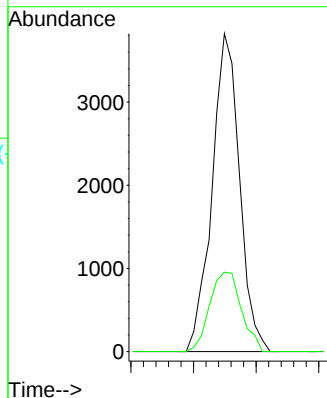
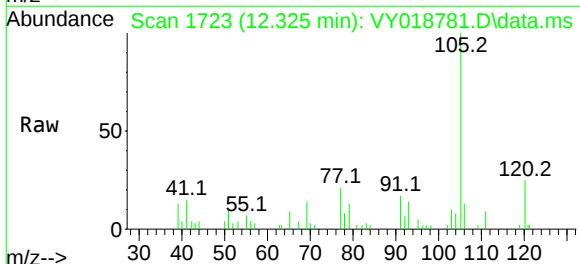
RT: 12.325 min Scan# 1723

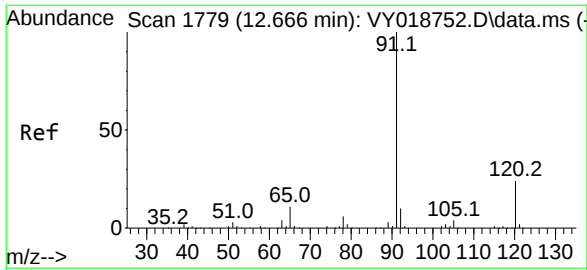
Delta R.T. -0.000 min

Lab File: VY018781.D

Acq: 11 Jul 2024 16:24

Tgt Ion:105 Resp: 5830
 Ion Ratio Lower Upper
 105 100
 120 28.8 13.4 40.1





#78

n-propylbenzene

Concen: 3.098 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY018781.D

Acq: 11 Jul 2024 16:24

Instrument :

MSVOA_Y

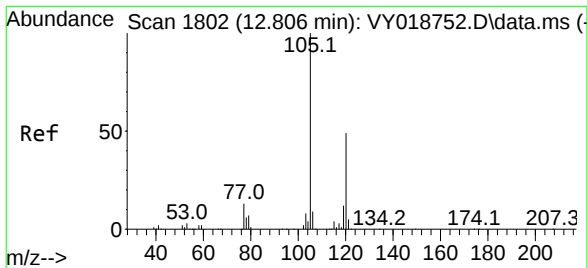
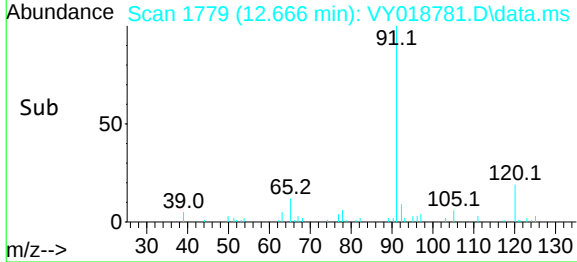
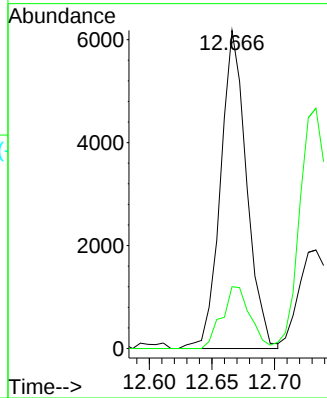
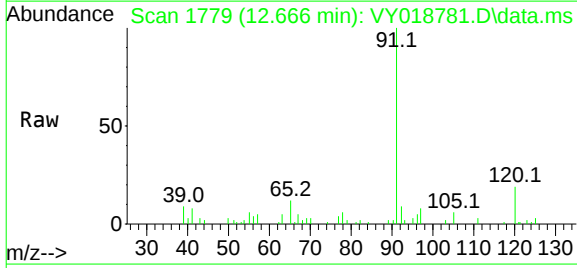
ClientSampleId :

COMP(00187-00189-00186)

Tgt Ion: 91 Resp: 8967
 Ion Ratio Lower Upper
 91 100
 120 20.9 11.5 34.4

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/12/2024
 Supervised By :Semsettin Yesilyurt 07/12/2024



#80

1,3,5-Trimethylbenzene

Concen: 6.082 ug/l

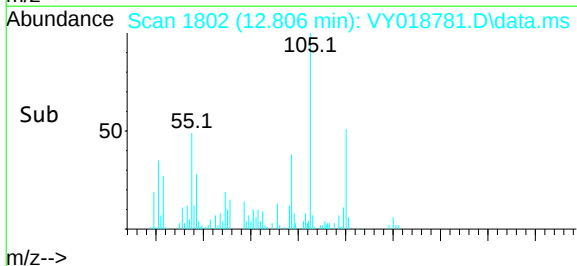
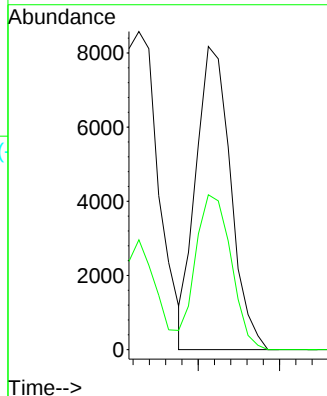
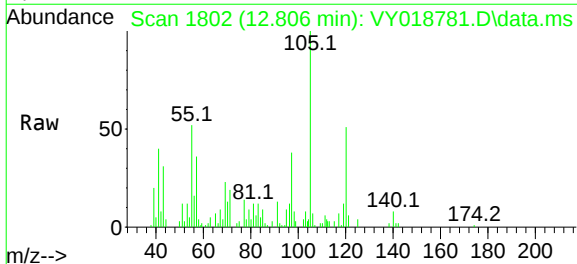
RT: 12.806 min Scan# 1802

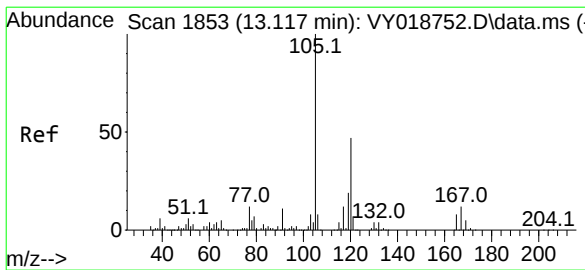
Delta R.T. -0.000 min

Lab File: VY018781.D

Acq: 11 Jul 2024 16:24

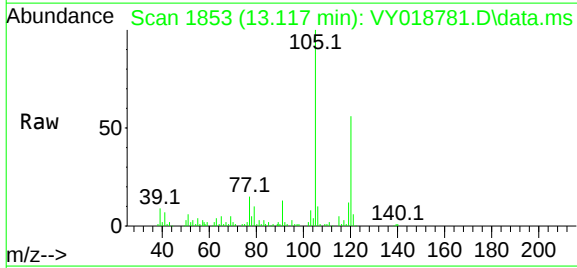
Tgt Ion:105 Resp: 12129
 Ion Ratio Lower Upper
 105 100
 120 52.1 25.1 75.2





#84
1,2,4-Trimethylbenzene
Concen: 19.189 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY018781.D
Acq: 11 Jul 2024 16:24

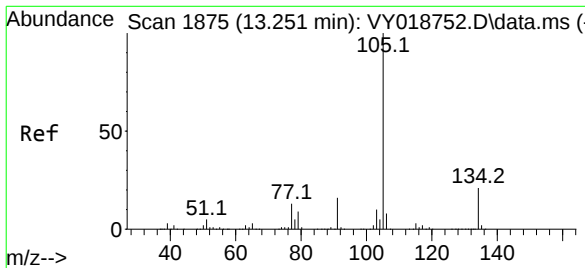
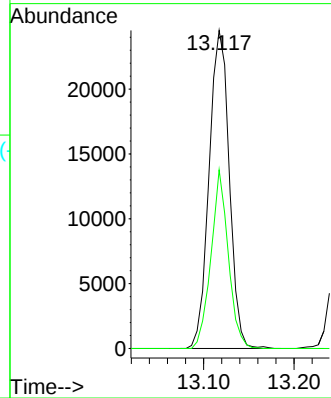
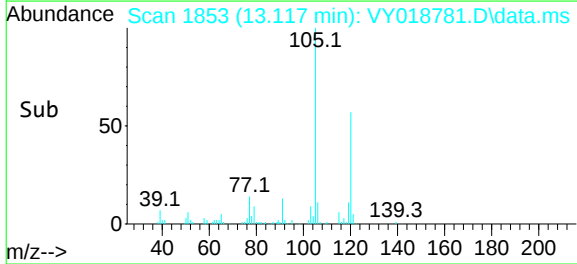
Instrument : MSVOA_Y
ClientSampleId : COMP(00187-00189-00186)



Tgt Ion:105 Resp: 38024
Ion Ratio Lower Upper
105 100
120 48.3 23.2 69.6

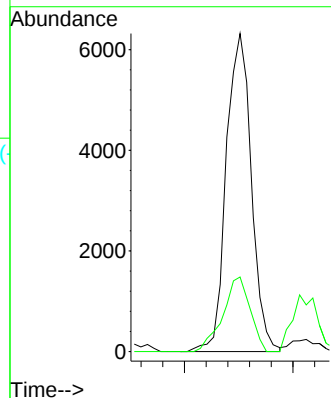
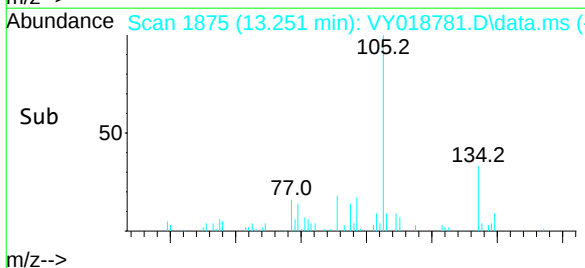
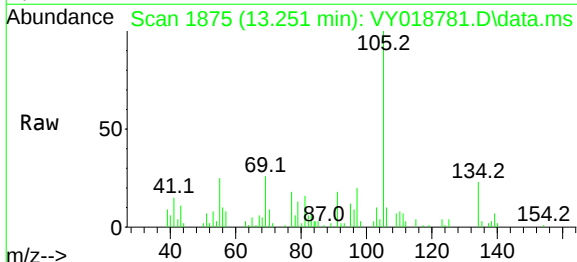
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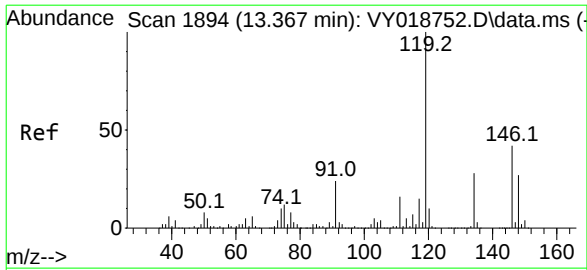
Reviewed By :Mahesh Dadoda 07/12/2024
Supervised By :Semsettin Yesilyurt 07/12/2024



#85
sec-Butylbenzene
Concen: 3.891 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VY018781.D
Acq: 11 Jul 2024 16:24

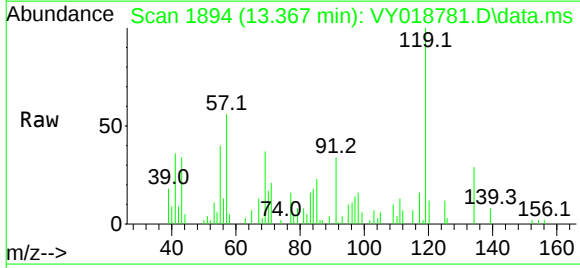
Tgt Ion:105 Resp: 10169
Ion Ratio Lower Upper
105 100
134 25.4 10.1 30.1





#86
p-Isopropyltoluene
Concen: 2.579 ug/l
RT: 13.367 min Scan# 18
Delta R.T. -0.000 min
Lab File: VY018781.D
Acq: 11 Jul 2024 16:24

Instrument : MSVOA_Y
ClientSampleId : COMP(00187-00189-00186)



Tgt	Ion	119	Resp:	5817
Ion	Ratio	Lower	Upper	
119	100			
134	29.6	13.1	39.3	
91	24.7	10.7	32.1	

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/12/2024
Supervised By :Semsettin Yesilyurt 07/12/2024

