

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
 Data File : VY019966.D
 Acq On : 21 Oct 2024 16:31
 Operator : SY/MD
 Sample : P4460-02
 Misc : 5.79g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WB-303-TOP

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 10/22/2024
 Supervised By :Mahesh Dadoda 10/22/2024

Quant Time: Oct 22 01:24:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	103618	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	200318	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	164792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	53887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	66491	52.115	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	104.240%		
35) Dibromofluoromethane	7.640	113	65328	49.421	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.840%		
50) Toluene-d8	10.103	98	239383	49.039	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.080%		
62) 4-Bromofluorobenzene	12.401	95	66153	37.505	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	75.020%		
Target Compounds						
						Qvalue
16) Acetone	3.860	43	15222	45.832	ug/l	# 76
17) Carbon Disulfide	4.104	76	7060	2.369	ug/l	# 95
22) Diisopropyl ether	6.036	45	10543	2.413	ug/l	# 91
25) 2-Butanone	6.896	43	6278m	14.122	ug/l	
39) Methylcyclohexane	9.115	83	5773	2.406	ug/l	92
69) o-Xylene	11.950	106	5201	2.141	ug/l	84
73) Isopropylbenzene	12.255	105	36657	8.087	ug/l	99
78) n-propylbenzene	12.596	91	6073	1.109	ug/l	93
80) 1,3,5-Trimethylbenzene	12.736	105	10158	2.775	ug/l	93
84) 1,2,4-Trimethylbenzene	13.041	105	46713	12.872	ug/l	97
86) p-Isopropyltoluene	13.291	119	8237	2.070	ug/l	89

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

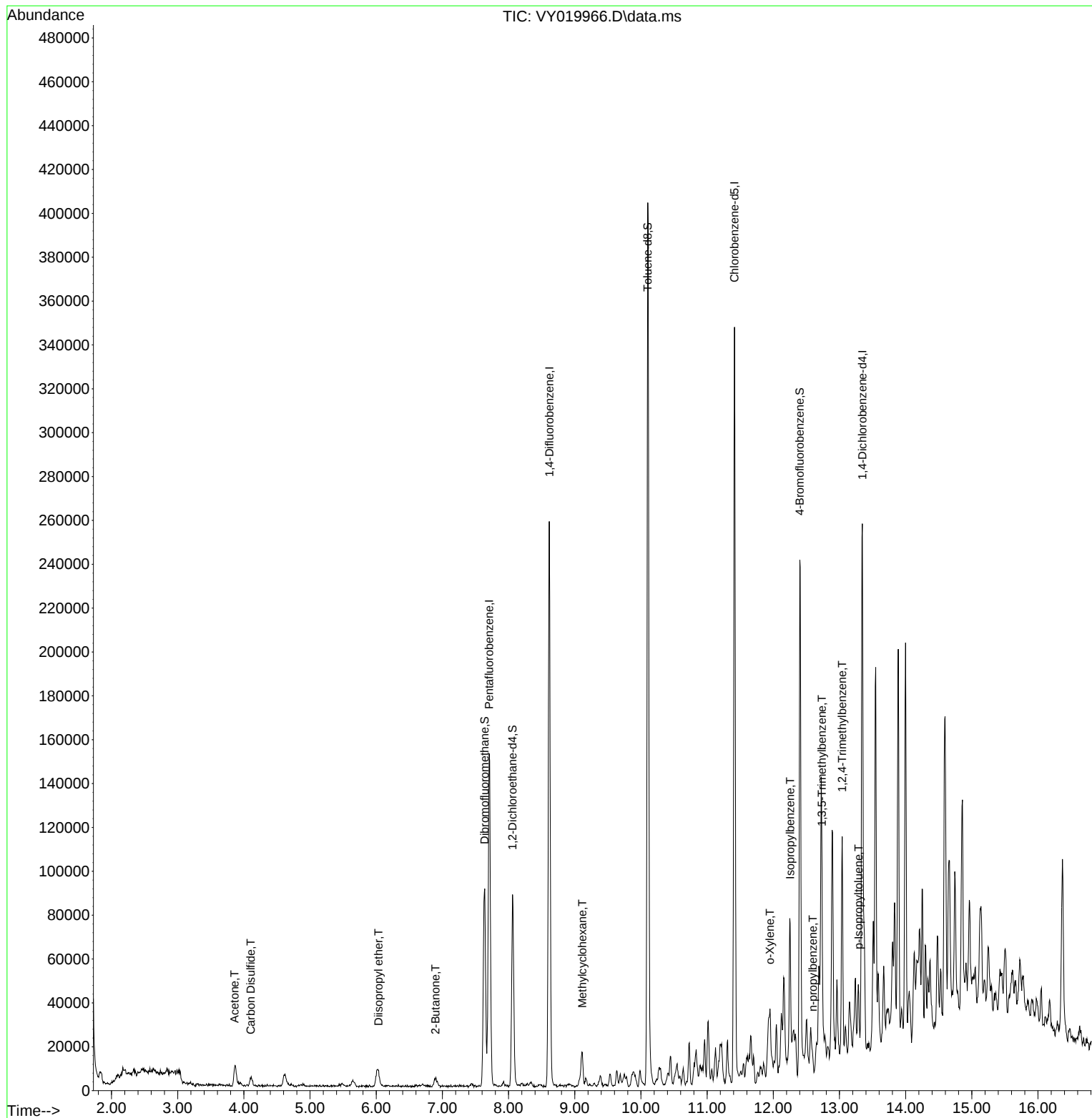
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
Data File : VY019966.D
Acq On : 21 Oct 2024 16:31
Operator : SY/MD
Sample : P4460-02
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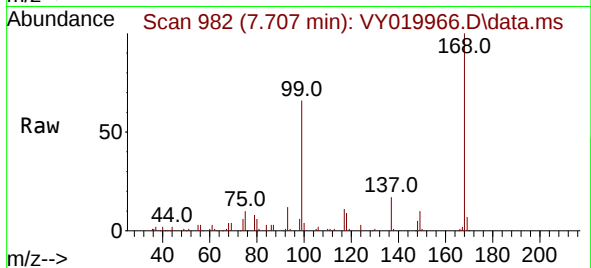
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 16 05:44:48 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY019966.D
Acq: 21 Oct 2024 16:31

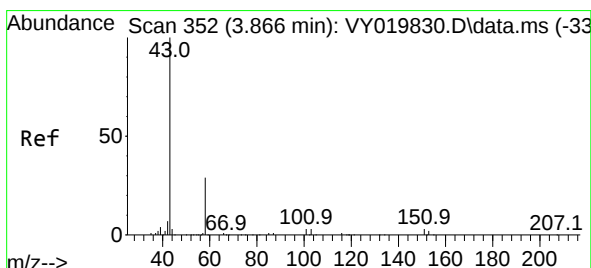
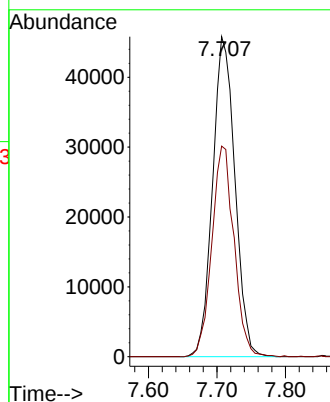
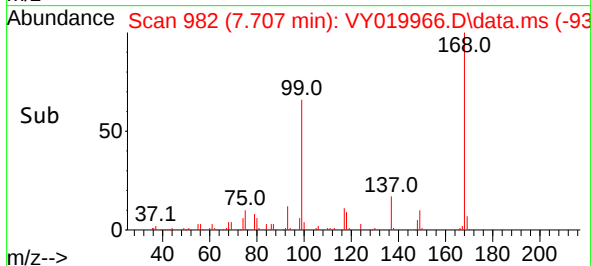
Instrument :
MSVOA_Y
ClientSampleId :
WB-303-TOP



Tgt Ion:168 Resp: 103618
Ion Ratio Lower Upper
168 100
99 65.8 39.1 58.7

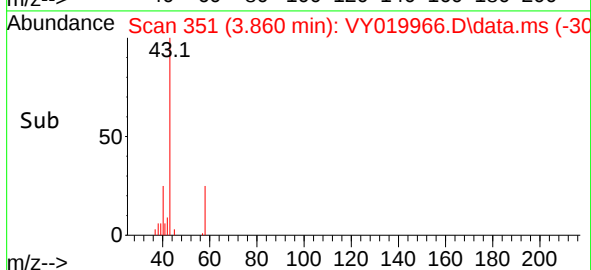
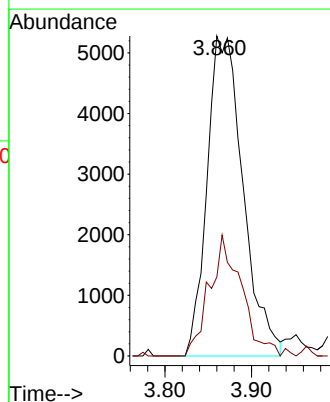
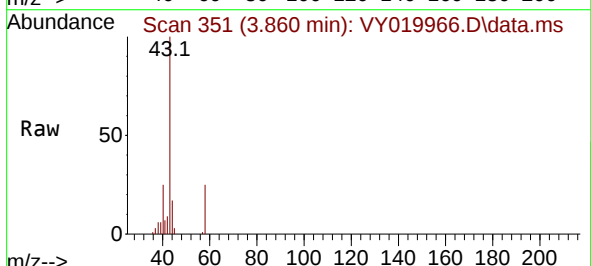
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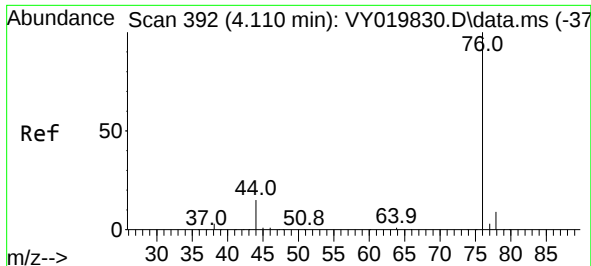
Reviewed By :Romaben Patel 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#16
Acetone
Concen: 45.832 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY019966.D
Acq: 21 Oct 2024 16:31

Tgt Ion: 43 Resp: 15222
Ion Ratio Lower Upper
43 100
58 24.7 31.7 47.5





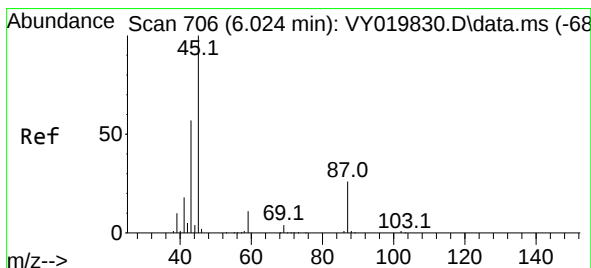
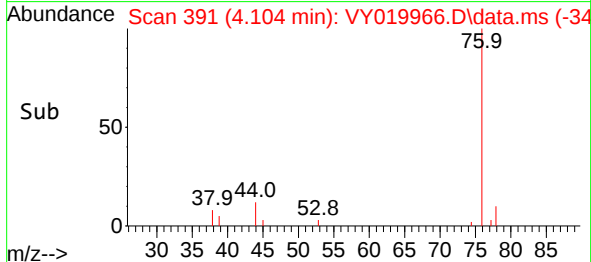
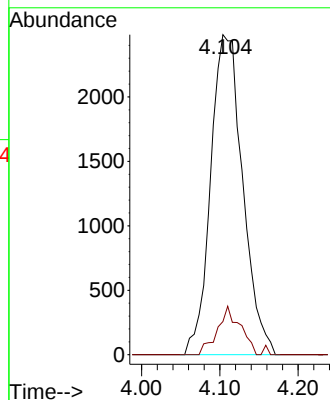
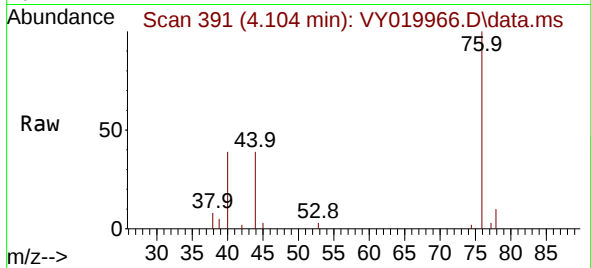
#17
Carbon Disulfide
Concen: 2.369 ug/l
RT: 4.104 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY019966.D
Acq: 21 Oct 2024 16:31

Instrument :
MSVOA_Y
ClientSampleId :
WB-303-TOP

Tgt Ion: 76 Resp: 7060
Ion Ratio Lower Upper
76 100
78 10.4 6.8 10.2

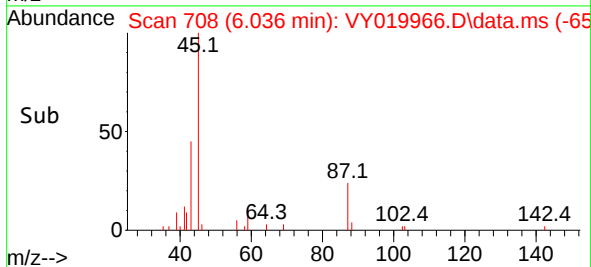
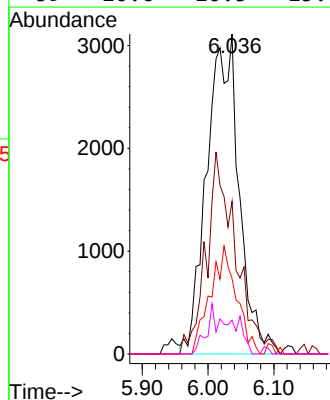
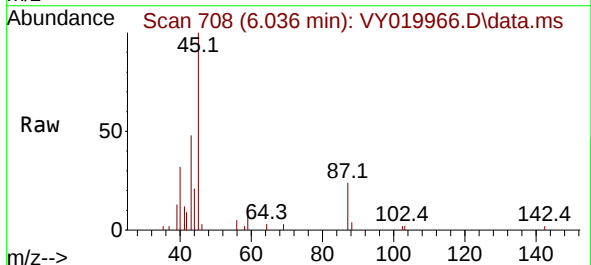
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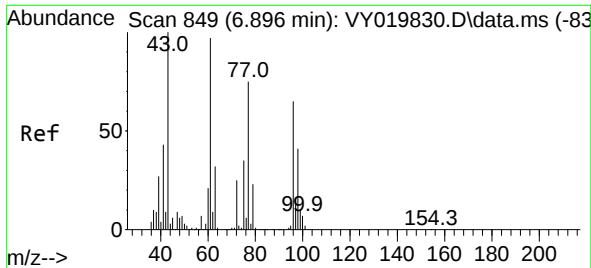
Reviewed By :Romaben Patel 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#22
Diisopropyl ether
Concen: 2.413 ug/l
RT: 6.036 min Scan# 708
Delta R.T. 0.018 min
Lab File: VY019966.D
Acq: 21 Oct 2024 16:31

Tgt Ion: 45 Resp: 10543
Ion Ratio Lower Upper
45 100
43 47.7 42.2 63.2
87 23.6 25.0 37.6#
59 10.6 10.5 15.7





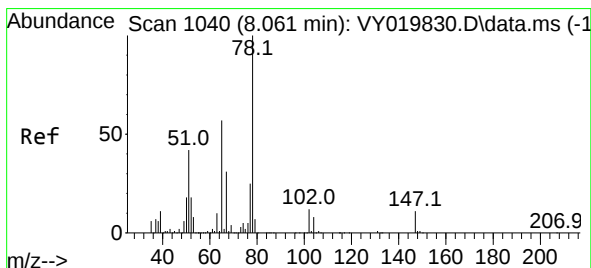
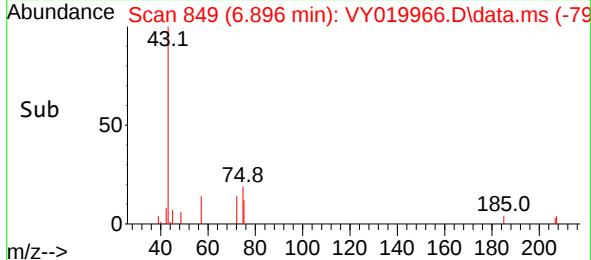
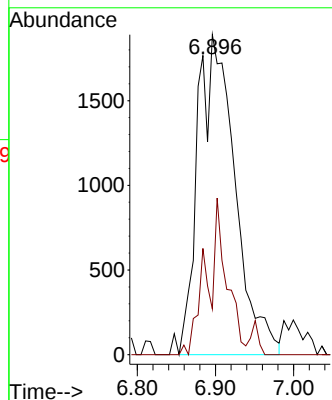
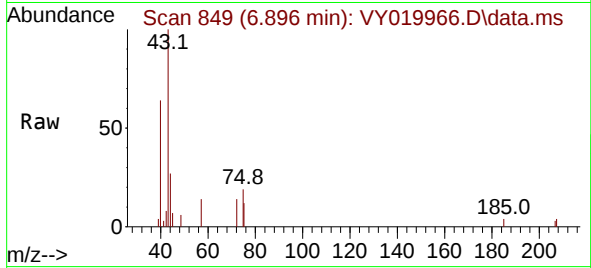
#25
2-Butanone
Concen: 14.122 ug/l m
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY019966.D
Acq: 21 Oct 2024 16:31

Instrument :
MSVOA_Y
ClientSampleId :
WB-303-TOP

Tgt Ion: 43 Resp: 6278
Ion Ratio Lower Upper
43 100
72 14.3 27.3 40.9

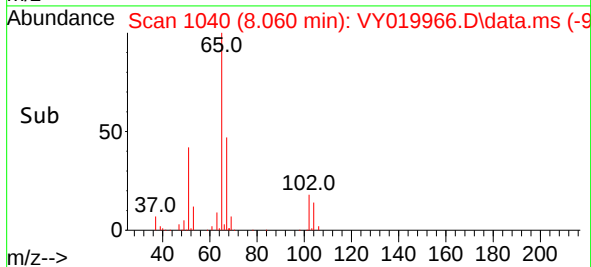
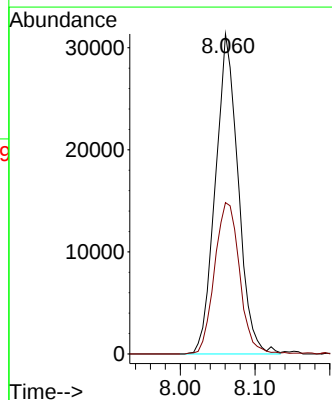
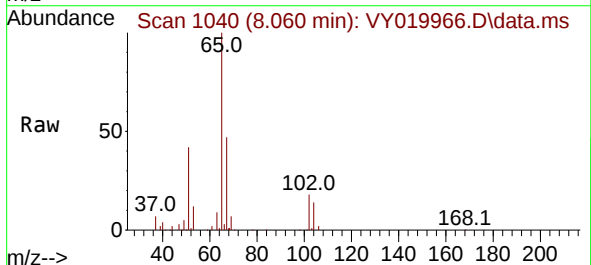
Manual Integrations
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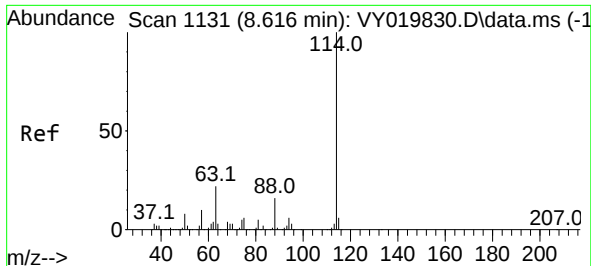
Reviewed By :Romaben Patel 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#33
1,2-Dichloroethane-d4
Concen: 52.115 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY019966.D
Acq: 21 Oct 2024 16:31

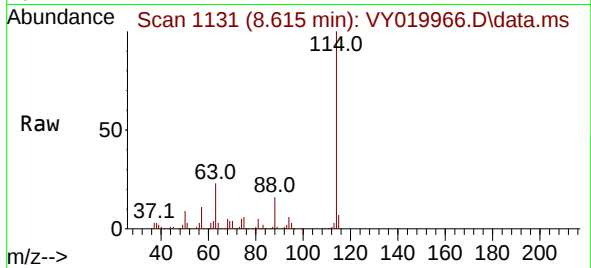
Tgt Ion: 65 Resp: 66491
Ion Ratio Lower Upper
65 100
67 51.9 0.0 109.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY019966.D
Acq: 21 Oct 2024 16:31

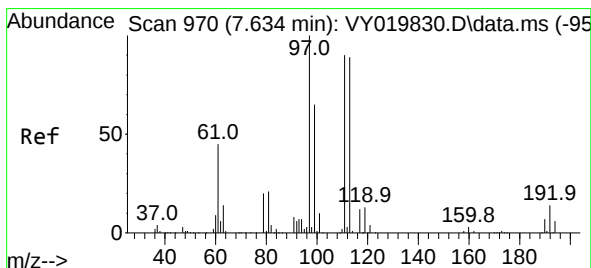
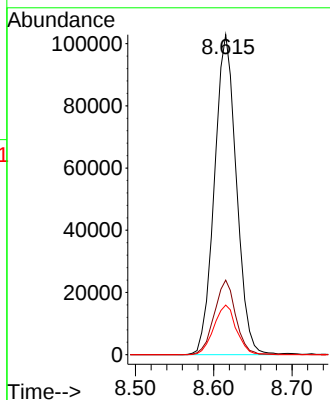
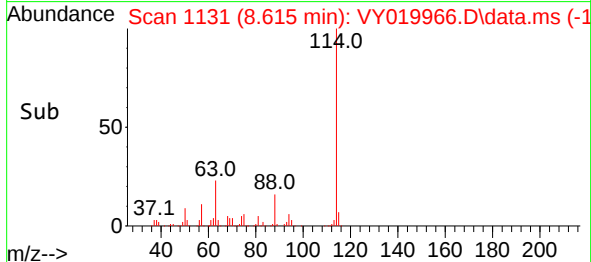
Instrument :
MSVOA_Y
ClientSampleId :
WB-303-TOP



Tgt Ion:114 Resp: 200318
Ion Ratio Lower Upper
114 100
63 23.3 0.0 35.0
88 15.5 0.0 27.2

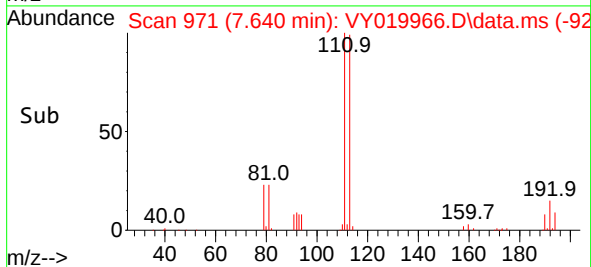
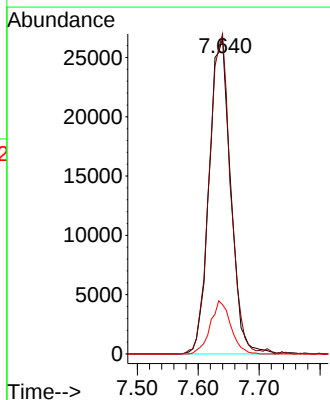
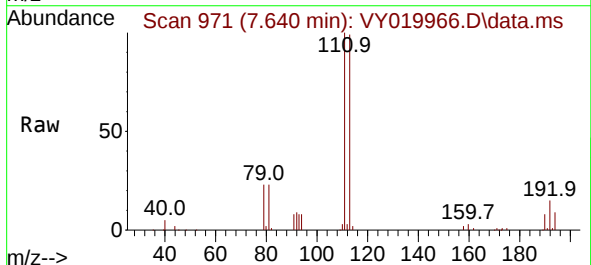
Manual Integrations
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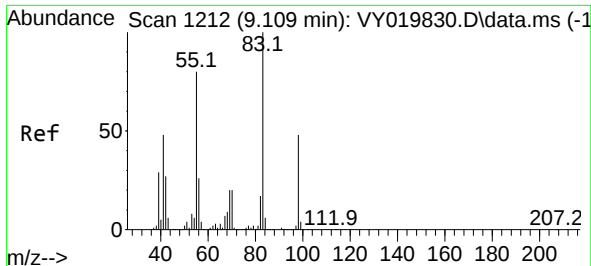
Reviewed By :Romaben Patel 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#35
Dibromofluoromethane
Concen: 49.421 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY019966.D
Acq: 21 Oct 2024 16:31

Tgt Ion:113 Resp: 65328
Ion Ratio Lower Upper
113 100
111 100.4 82.2 123.4
192 16.0 15.9 23.9





#39

Methylcyclohexane

Concen: 2.406 ug/l

RT: 9.115 min Scan# 1212

Delta R.T. 0.006 min

Lab File: VY019966.D

Acq: 21 Oct 2024 16:31

Instrument :

MSVOA_Y

ClientSampleId :

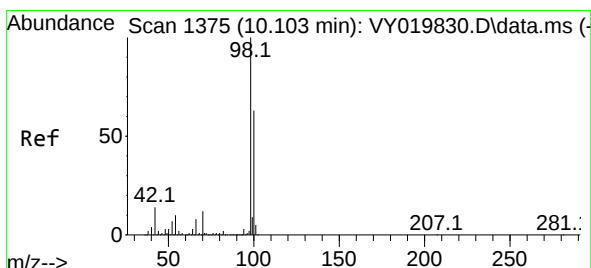
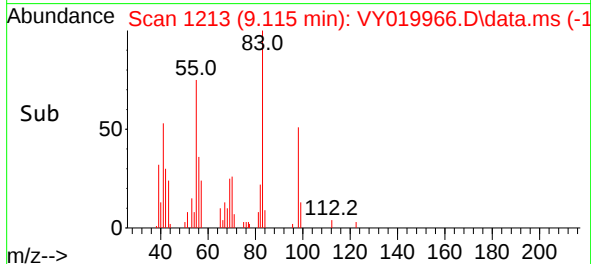
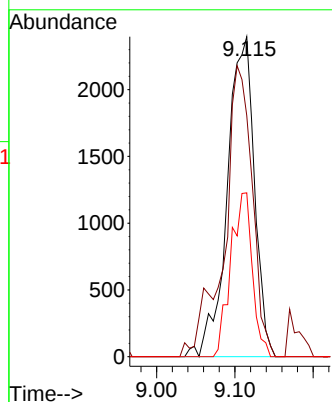
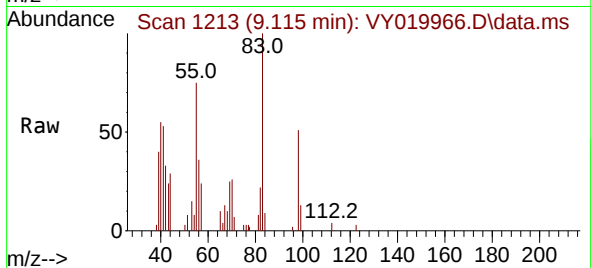
WB-303-TOP

Tgt Ion: 83	Resp: 577
Ion Ratio	Lower Upper
83 100	
55 75.3	51.5 77.3
98 51.2	40.5 60.7

Manual Integrations

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Reviewed By :Romaben Patel 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#50

Toluene-d8

Concen: 49.039 ug/l

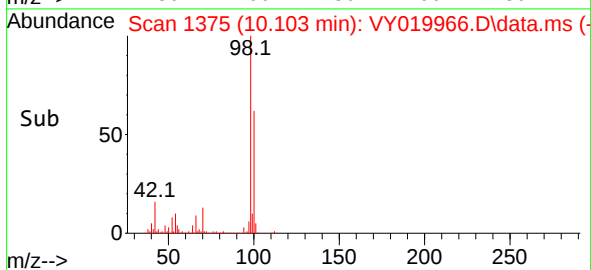
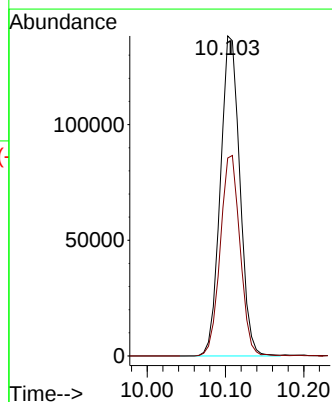
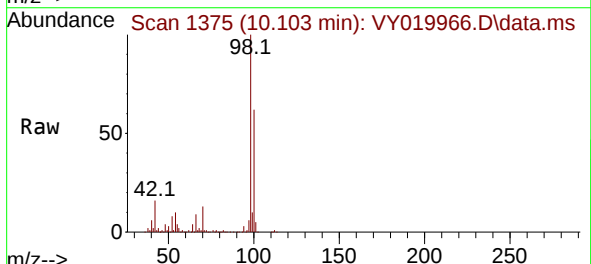
RT: 10.103 min Scan# 1375

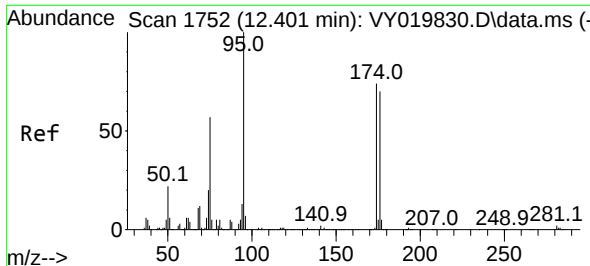
Delta R.T. -0.006 min

Lab File: VY019966.D

Acq: 21 Oct 2024 16:31

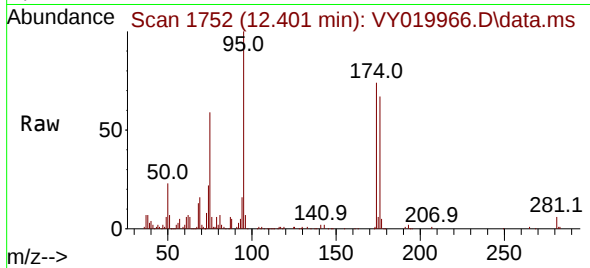
Tgt Ion: 98	Resp: 239383
Ion Ratio	Lower Upper
98 100	
100 63.7	52.0 78.0





#62
4-Bromofluorobenzene
Concen: 37.505 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019966.D
Acq: 21 Oct 2024 16:31

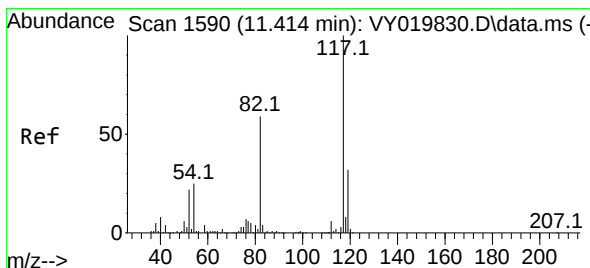
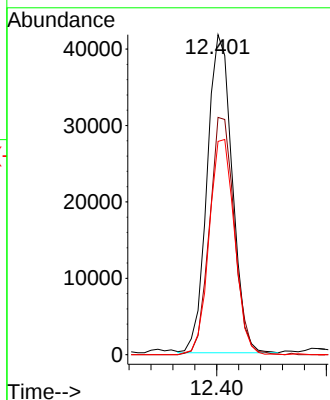
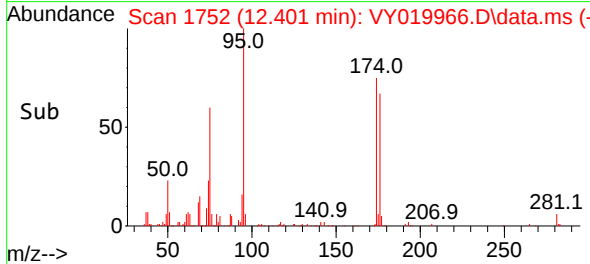
Instrument :
MSVOA_Y
ClientSampleId :
WB-303-TOP



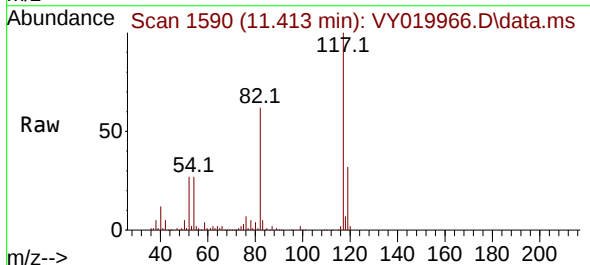
Tgt Ion: 95 Resp: 6615
Ion Ratio Lower Upper
95 100
174 74.0 0.0 175.6
176 68.5 0.0 171.4

Manual Integrations
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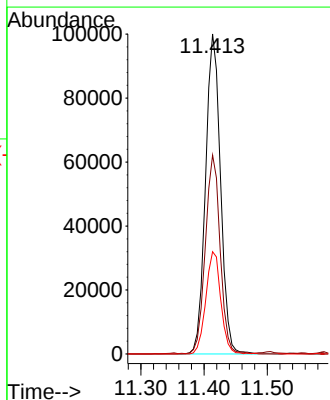
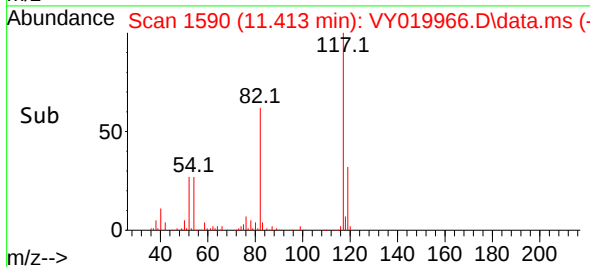
Reviewed By :Romaben Patel 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024

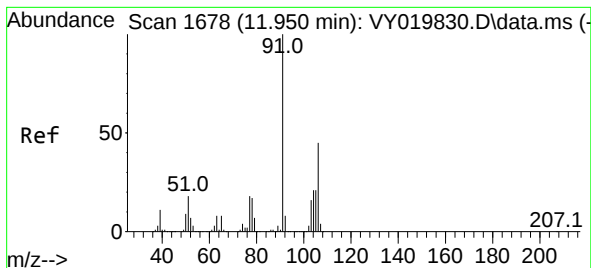


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.413 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019966.D
Acq: 21 Oct 2024 16:31



Tgt Ion:117 Resp: 164792
Ion Ratio Lower Upper
117 100
82 62.0 42.4 63.6
119 32.0 25.9 38.9





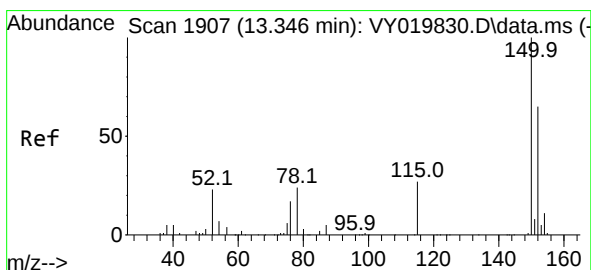
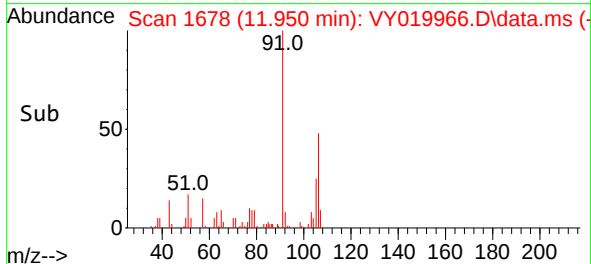
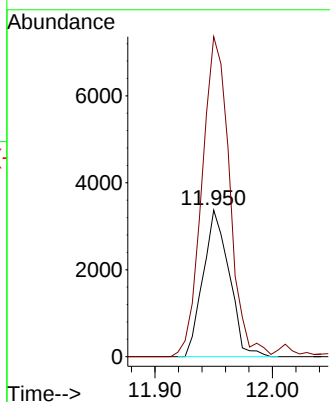
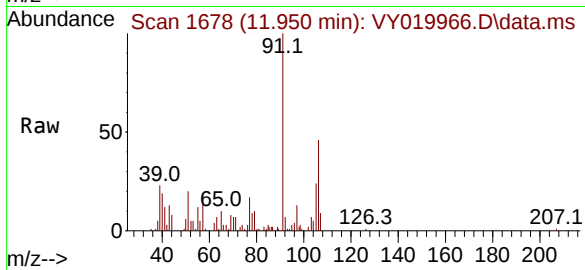
#69
o-Xylene
Concen: 2.141 ug/l
RT: 11.950 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VY019966.D
Acq: 21 Oct 2024 16:31

Instrument :
MSVOA_Y
ClientSampleId :
WB-303-TOP

Tgt Ion:106 Resp: 520
Ion Ratio Lower Upper
106 100
91 231.4 103.6 310.8

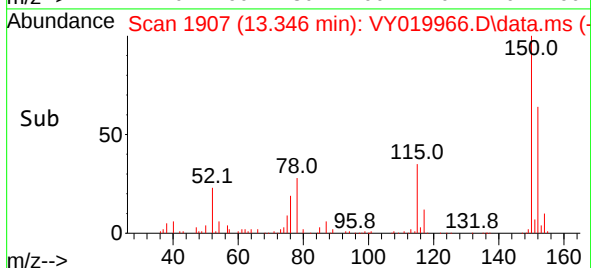
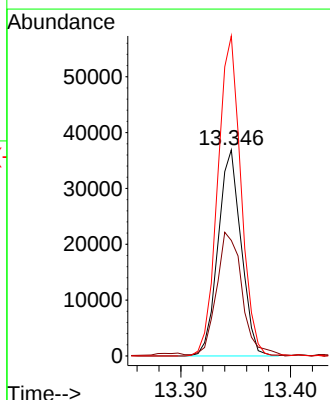
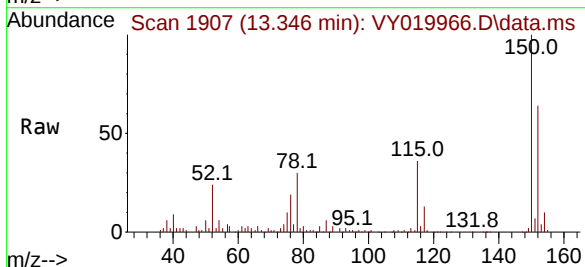
Manual Integrations
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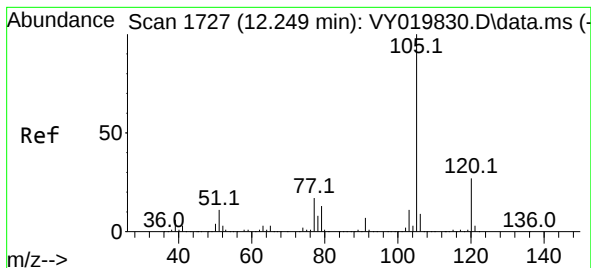
Reviewed By :Romaben Patel 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY019966.D
Acq: 21 Oct 2024 16:31

Tgt Ion:152 Resp: 53887
Ion Ratio Lower Upper
152 100
115 65.9 28.2 84.7
150 156.7 0.0 345.6





#73

Isopropylbenzene

Concen: 8.087 ug/l

RT: 12.255 min Scan# 1727

Delta R.T. -0.000 min

Lab File: VY019966.D

Acq: 21 Oct 2024 16:31

Instrument :

MSVOA_Y

ClientSampleId :

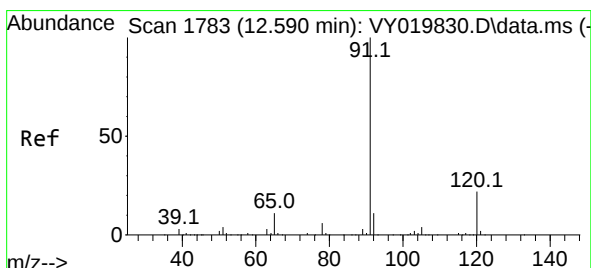
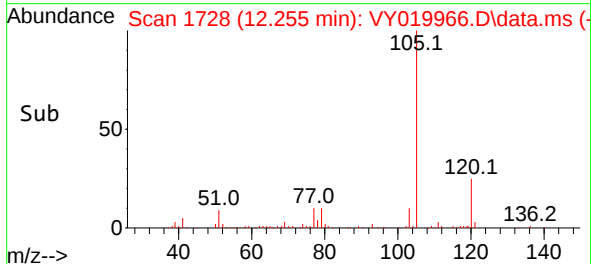
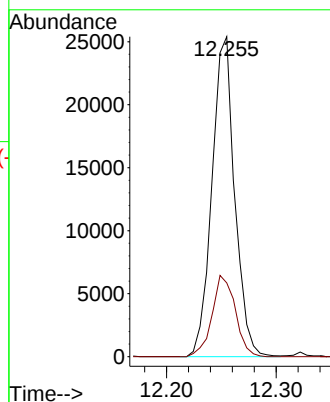
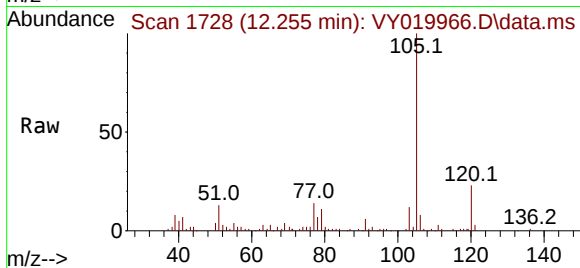
WB-303-TOP

Tgt Ion:105 Resp: 3665
 Ion Ratio Lower Upper
 105 100
 120 25.9 13.4 40.1

Manual Integrations

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Reviewed By :Romaben Patel 10/22/2024
 Supervised By :Mahesh Dadoda 10/22/2024



#78

n-propylbenzene

Concen: 1.109 ug/l

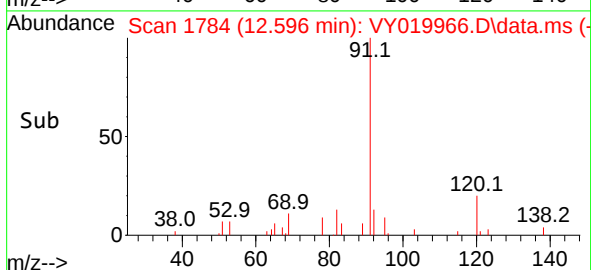
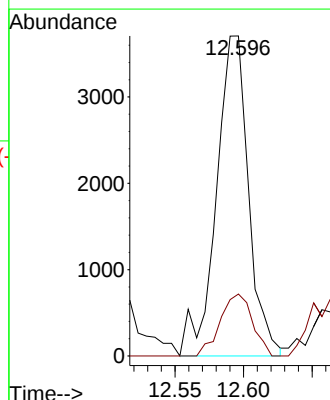
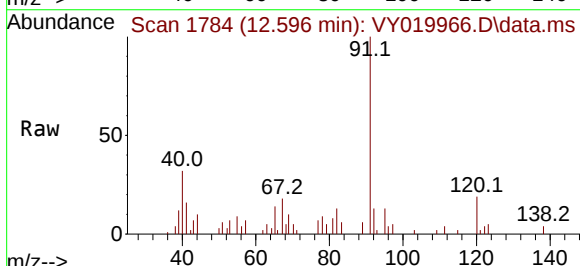
RT: 12.596 min Scan# 1784

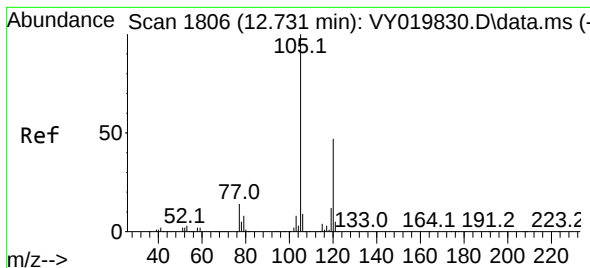
Delta R.T. -0.000 min

Lab File: VY019966.D

Acq: 21 Oct 2024 16:31

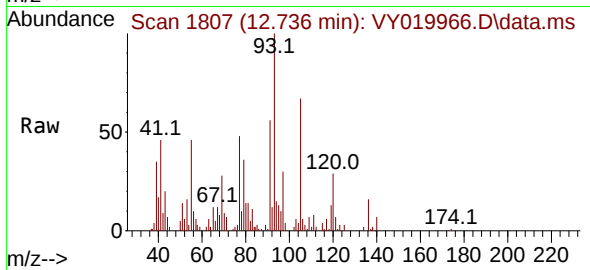
Tgt Ion: 91 Resp: 6073
 Ion Ratio Lower Upper
 91 100
 120 19.3 11.5 34.4





#80
1,3,5-Trimethylbenzene
Concen: 2.775 ug/l
RT: 12.736 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VY019966.D
Acq: 21 Oct 2024 16:31

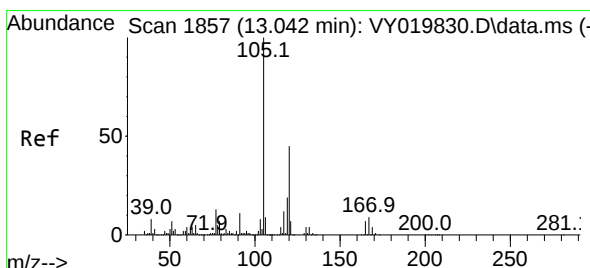
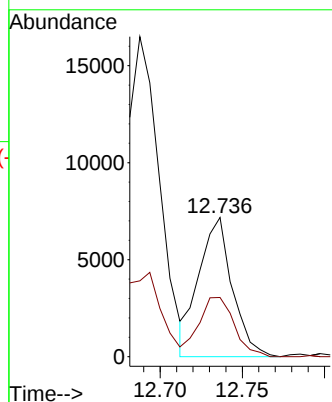
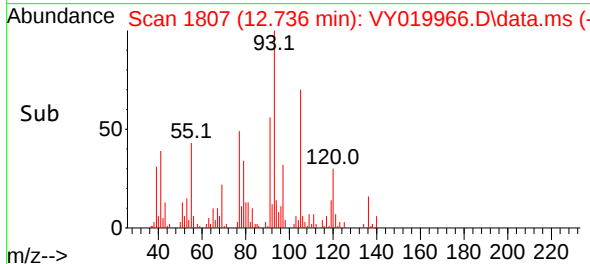
Instrument :
MSVOA_Y
ClientSampleId :
WB-303-TOP



Tgt Ion:105 Resp: 10158
Ion Ratio Lower Upper
105 100
120 45.0 25.1 75.2

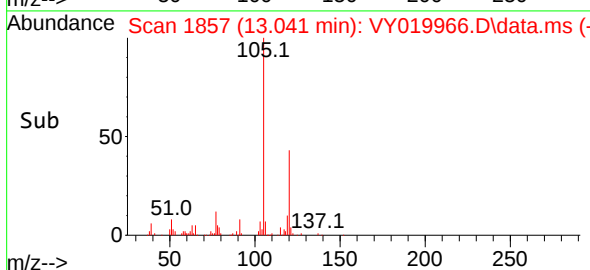
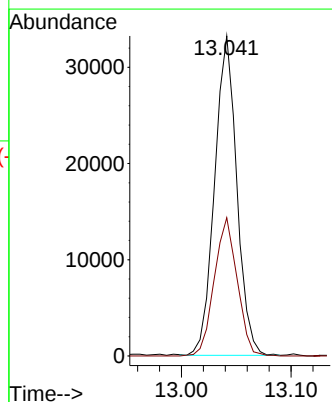
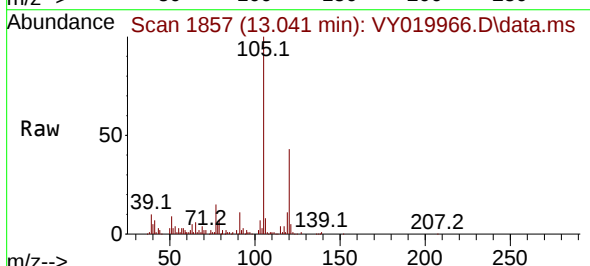
Manual Integrations
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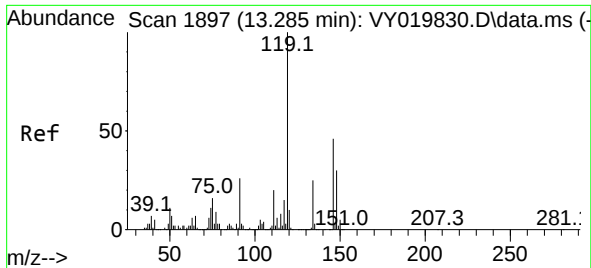
Reviewed By :Romaben Patel 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#84
1,2,4-Trimethylbenzene
Concen: 12.872 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VY019966.D
Acq: 21 Oct 2024 16:31

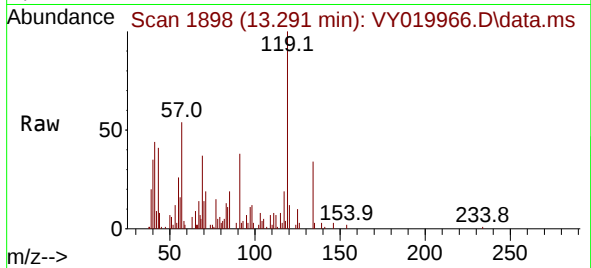
Tgt Ion:105 Resp: 46713
Ion Ratio Lower Upper
105 100
120 44.7 23.2 69.6





#86
 p-Isopropyltoluene
 Concen: 2.070 ug/l
 RT: 13.291 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VY019966.D
 Acq: 21 Oct 2024 16:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 WB-303-TOP



Tgt Ion:119 Resp: 823
 Ion Ratio Lower Upper
 119 100
 134 27.8 13.1 39.3
 91 31.6 10.7 32.1

Manual Integrations
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Reviewed By :Romaben Patel 10/22/2024
 Supervised By :Mahesh Dadoda 10/22/2024

