

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082123\
 Data File : VX037145.D
 Acq On : 21 Aug 2023 20:55
 Operator : JC/MD
 Sample : 03994-01 10X
 Misc : 6.76g/5.0mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NEVINS-SB06-Z22-23

Quant Time: Aug 22 06:03:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/22/2023
 Supervised By :Mahesh Dadoda 08/22/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	140430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	255933	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121766	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	115366	56.984	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.960%			
35) Dibromofluoromethane	5.385	113	88173	52.020	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.040%			
50) Toluene-d8	8.647	98	317855	51.698	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.400%			
62) 4-Bromofluorobenzene	11.079	95	128440	53.158	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.320%			
Target Compounds						
						Qvalue
31) Cyclohexane	5.464	56	7611	3.343	ug/l	91
39) Methylcyclohexane	7.379	83	18855	7.452	ug/l	93
40) Benzene	6.043	78	6235545	902.857	ug/l	98
52) Toluene	8.720	92	30947	6.782	ug/l	98
67) Ethyl Benzene	10.195	91	7094668	814.872	ug/l	# 86
68) m/p-Xylenes	10.305	106	717488	213.397	ug/l	96
69) o-Xylene	10.640	106	863935	260.440	ug/l	96
73) Isopropylbenzene	10.963	105	587045	66.328	ug/l	98
78) n-propylbenzene	11.305	91	200851	20.380	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	539219	73.036	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	2042149	273.690	ug/l	94
85) sec-Butylbenzene	11.890	105	14321m	1.741	ug/l	
86) p-Isopropyltoluene	12.012	119	227825m	32.179	ug/l	

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

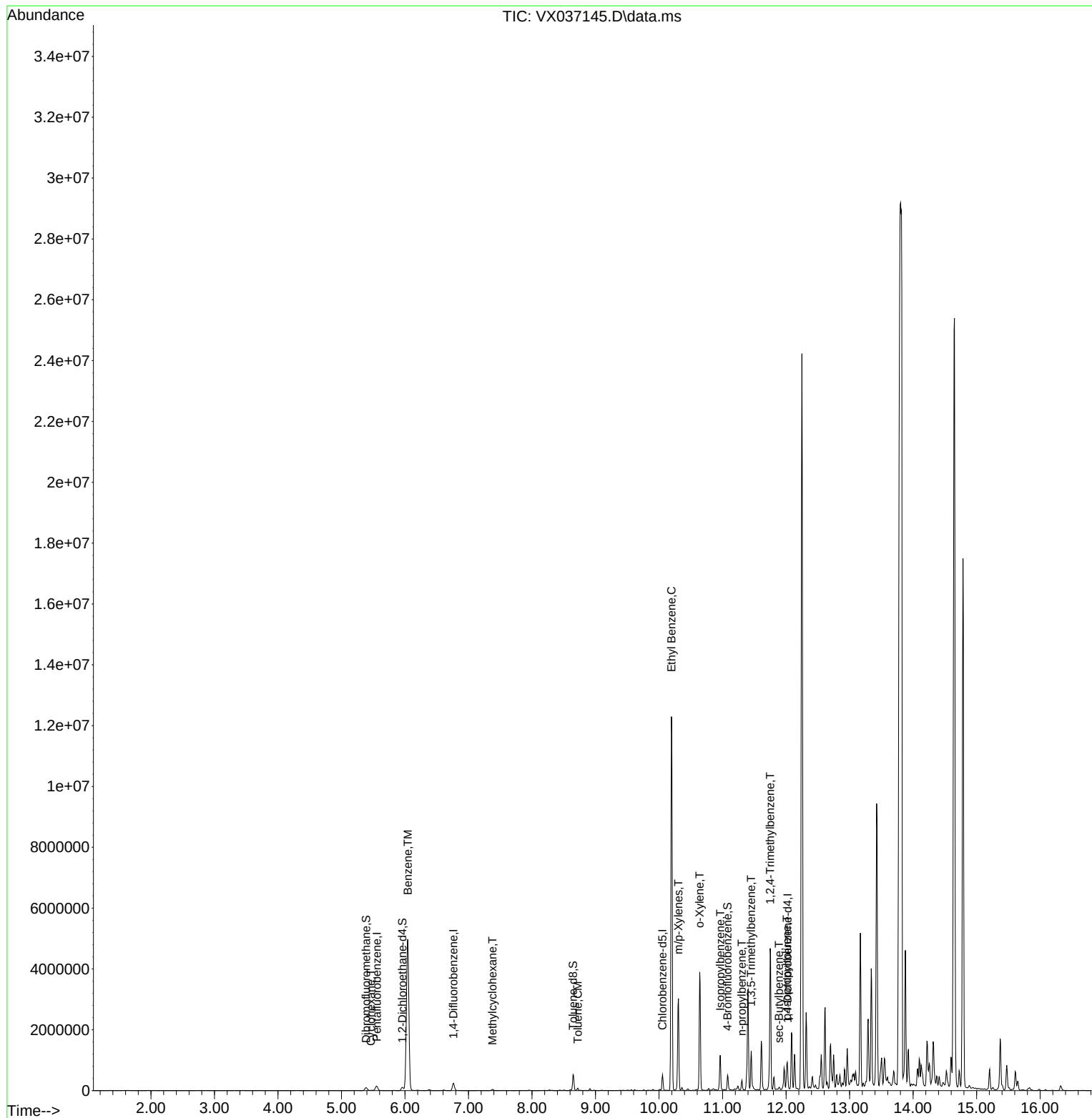
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082123\
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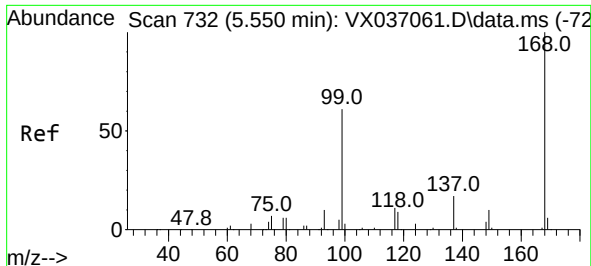
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB06-Z22-23

Quant Time: Aug 22 06:03:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
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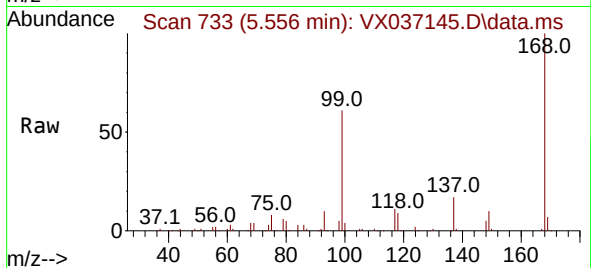
Reviewed By :Semsettin Yesilyurt 08/22/2023
Supervised By :Mahesh Dadoda 08/22/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX037145.D
Acq: 21 Aug 2023 20:55

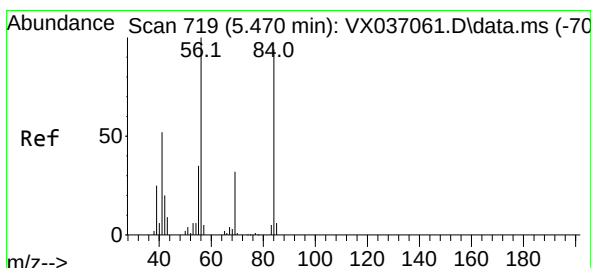
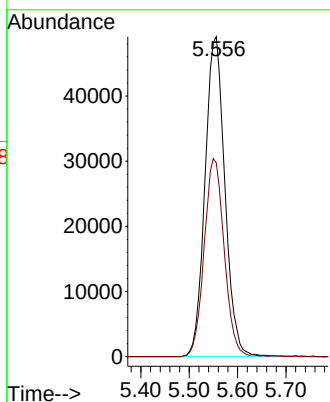
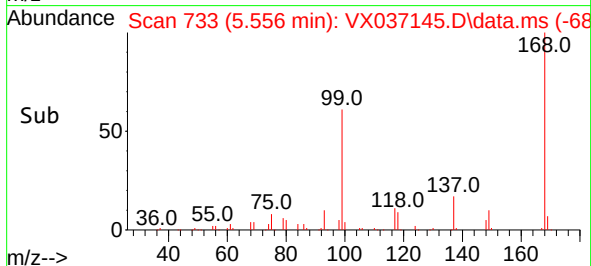
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB06-Z22-23



Tgt Ion:168 Resp: 140430
Ion Ratio Lower Upper
168 100
99 60.6 56.6 85.0

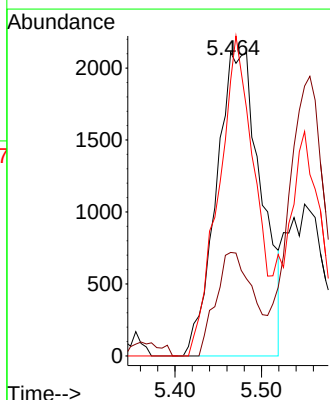
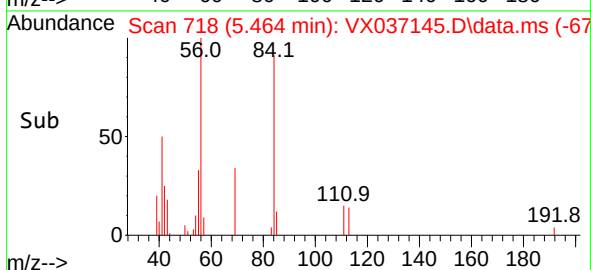
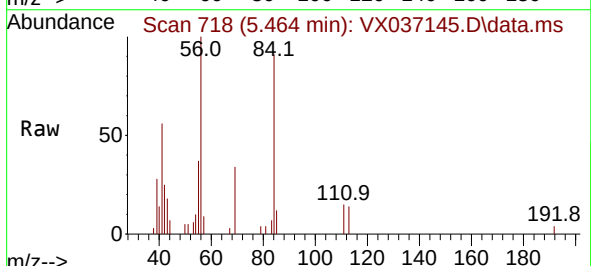
Manual Integrations
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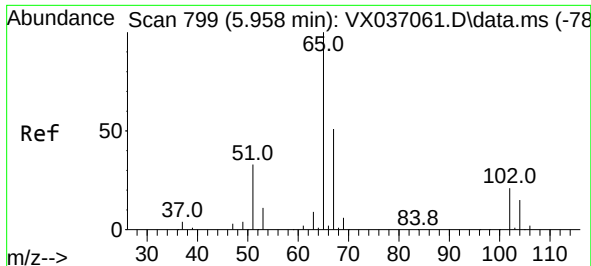
Reviewed By :Semsettin Yesilyurt 08/22/2023
Supervised By :Mahesh Dadoda 08/22/2023



#31
Cyclohexane
Concen: 3.343 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX037145.D
Acq: 21 Aug 2023 20:55

Tgt Ion: 56 Resp: 7611
Ion Ratio Lower Upper
56 100
69 34.1 23.4 35.2
84 90.8 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 56.984 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037145.D

Acq: 21 Aug 2023 20:55

Instrument :

MSVOA_X

ClientSampleId :

NEVINS-SB06-Z22-23

Tgt Ion: 65 Resp: 11536

Ion Ratio Lower Upper

65 100

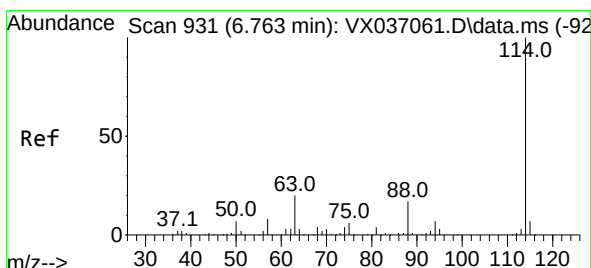
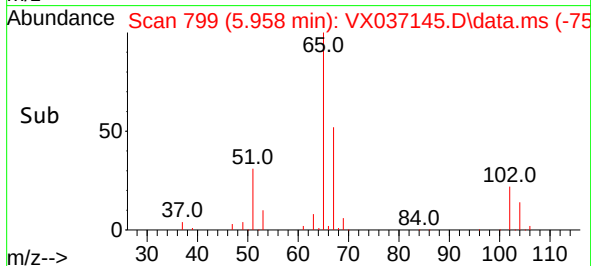
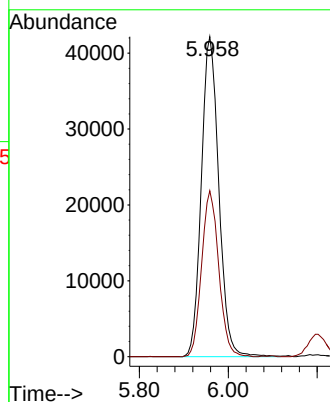
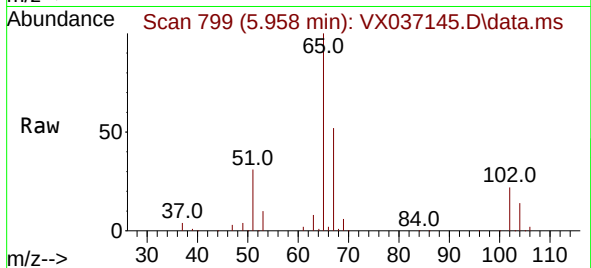
67 50.9 0.0 100.2

Manual Integrations

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Supervised By :Mahesh Dadoda 08/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037145.D

Acq: 21 Aug 2023 20:55

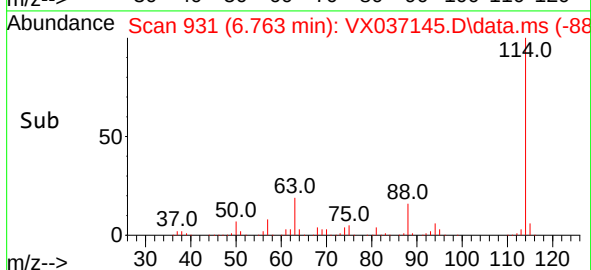
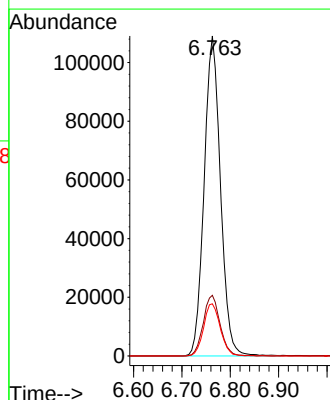
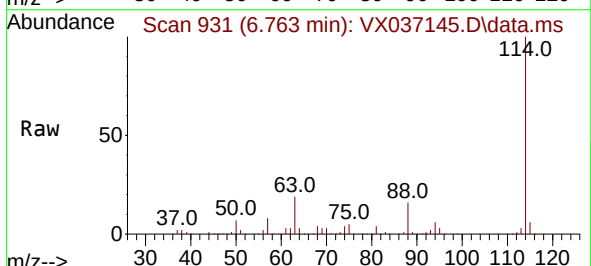
Tgt Ion:114 Resp: 255933

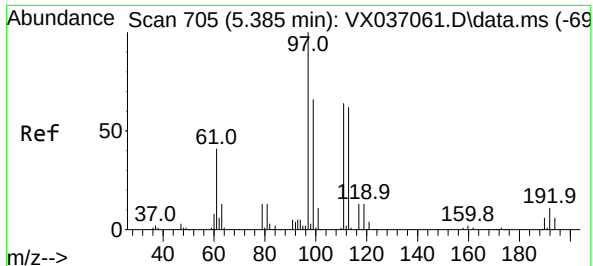
Ion Ratio Lower Upper

114 100

63 18.9 0.0 45.0

88 16.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 52.020 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037145.D

Acq: 21 Aug 2023 20:55

Instrument :

MSVOA_X

ClientSampleId :

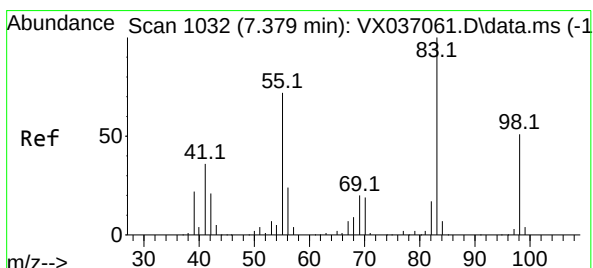
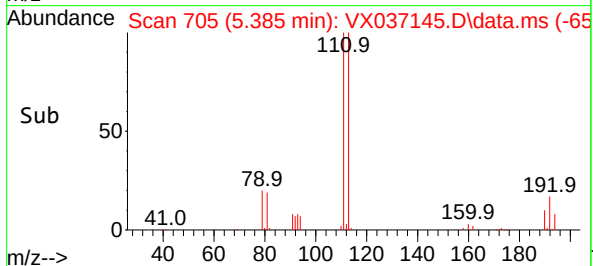
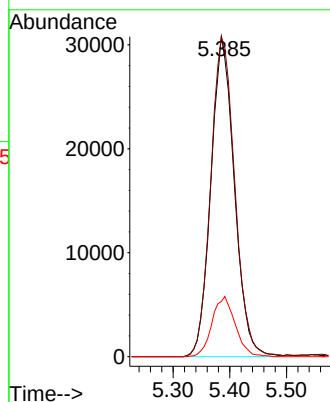
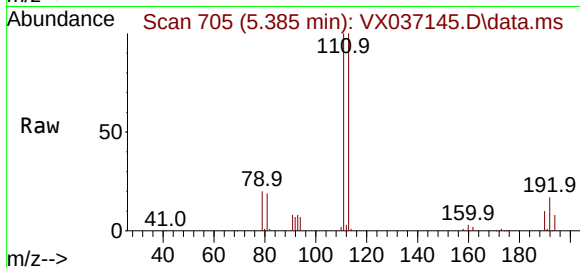
NEVINS-SB06-Z22-23

Tgt Ion:	113	Resp:	8817
Ion Ratio	Lower	Upper	
113	100		
111	102.8	82.9	124.3
192	18.7	13.3	19.9

Manual Integrations

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Supervised By :Mahesh Dadoda 08/22/2023



#39

Methylcyclohexane

Concen: 7.452 ug/l

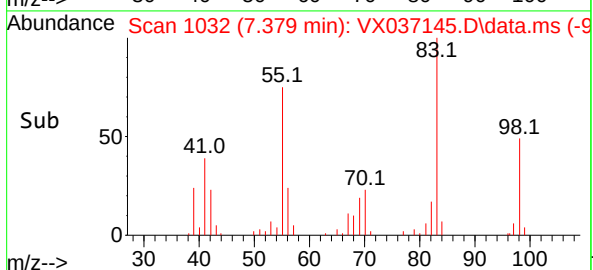
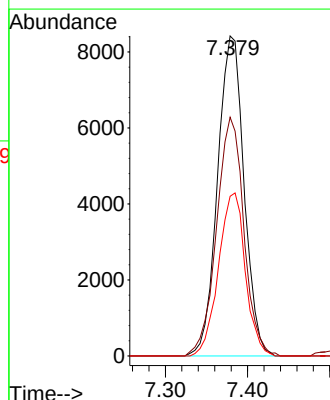
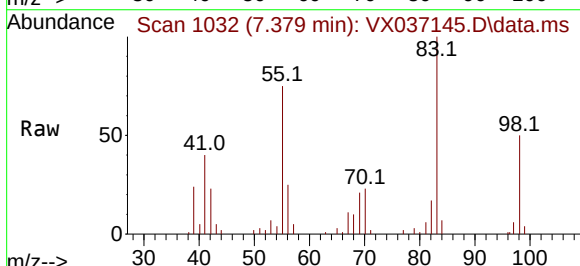
RT: 7.379 min Scan# 1032

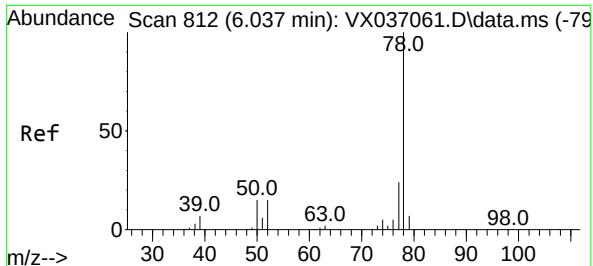
Delta R.T. -0.000 min

Lab File: VX037145.D

Acq: 21 Aug 2023 20:55

Tgt Ion:	83	Resp:	18855
Ion Ratio	Lower	Upper	
83	100		
55	74.6	64.6	97.0
98	49.9	36.7	55.1





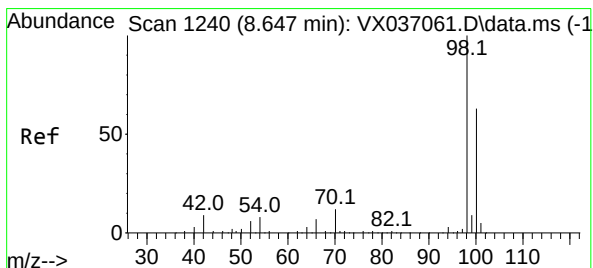
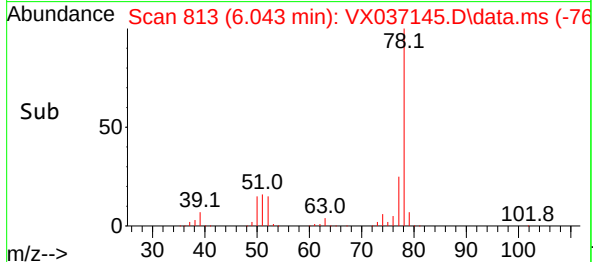
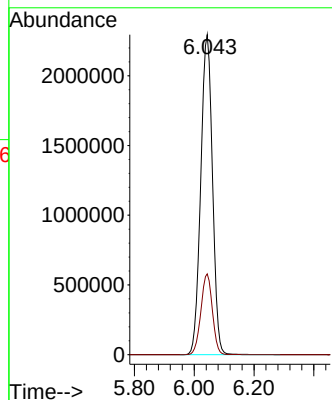
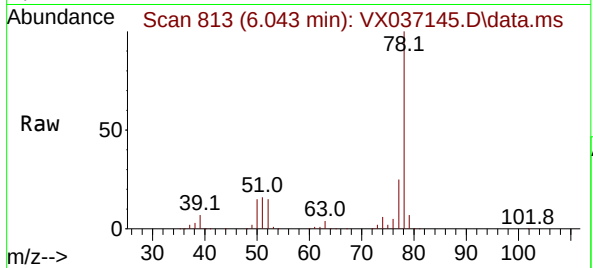
#40
Benzene
Concen: 902.857 ug/l
RT: 6.043 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX037145.D
Acq: 21 Aug 2023 20:55

Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB06-Z22-23

Tgt Ion: 78 Resp: 623554
Ion Ratio Lower Upper
78 100
77 25.3 19.3 28.9

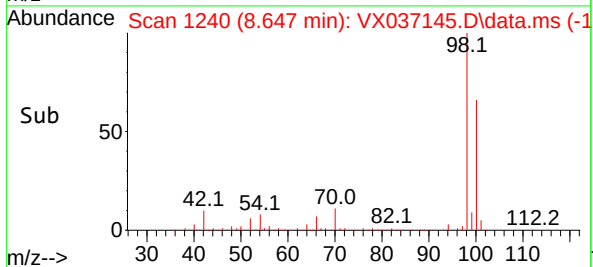
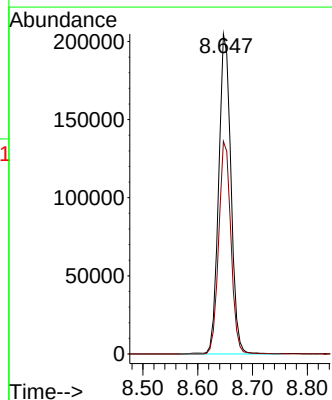
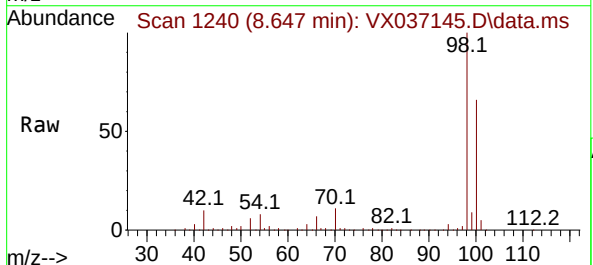
Manual Integrations
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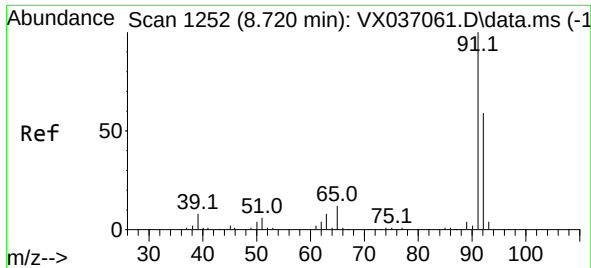
Reviewed By :Semsettin Yesilyurt 08/22/2023
Supervised By :Mahesh Dadoda 08/22/2023



#50
Toluene-d8
Concen: 51.698 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037145.D
Acq: 21 Aug 2023 20:55

Tgt Ion: 98 Resp: 317855
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7





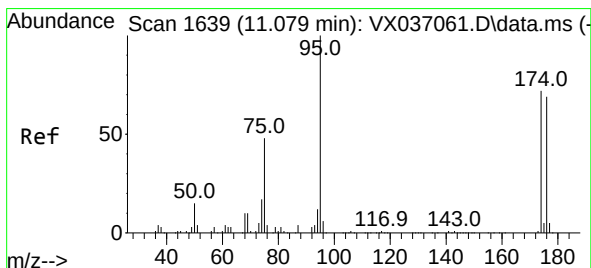
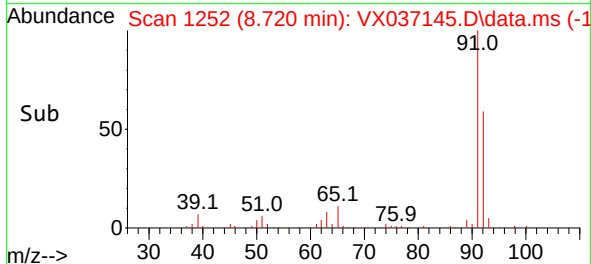
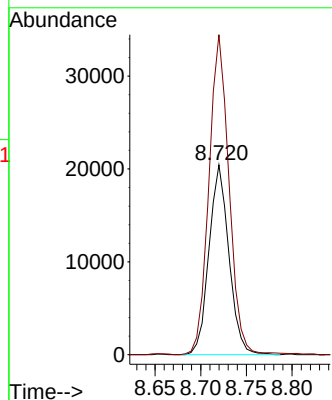
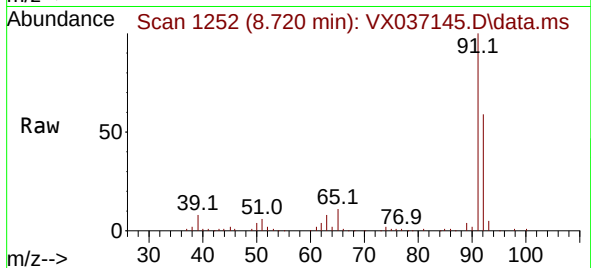
#52
Toluene
Concen: 6.782 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037145.D
Acq: 21 Aug 2023 20:55

Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB06-Z22-23

Tgt Ion: 92 Resp: 3094
Ion Ratio Lower Upper
92 100
91 170.7 134.2 201.2

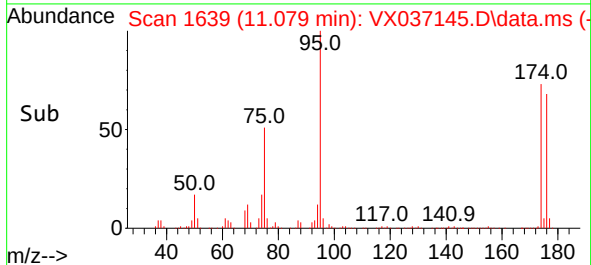
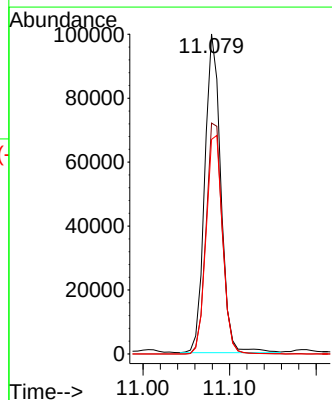
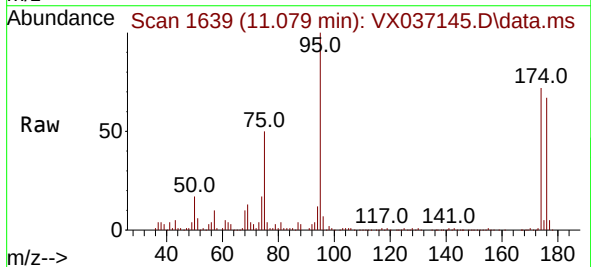
Manual Integrations
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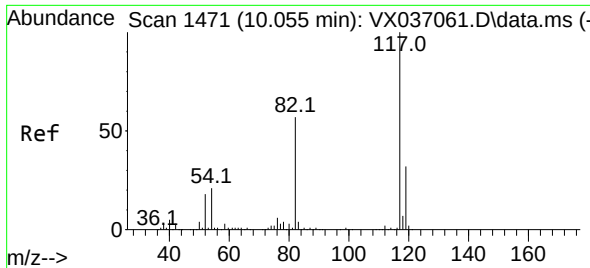
Reviewed By :Semsettin Yesilyurt 08/22/2023
Supervised By :Mahesh Dadoda 08/22/2023



#62
4-Bromofluorobenzene
Concen: 53.158 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037145.D
Acq: 21 Aug 2023 20:55

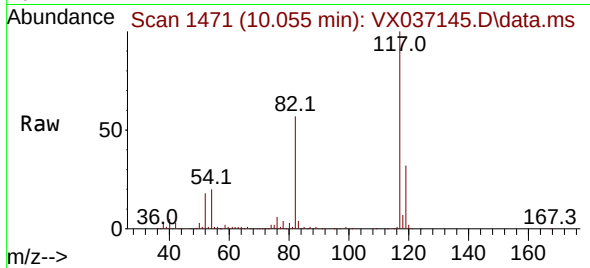
Tgt Ion: 95 Resp: 128440
Ion Ratio Lower Upper
95 100
174 73.3 0.0 135.6
176 70.5 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037145.D
Acq: 21 Aug 2023 20:55

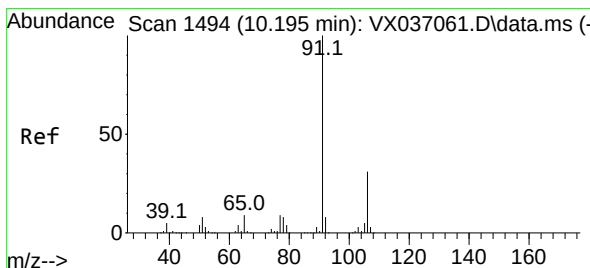
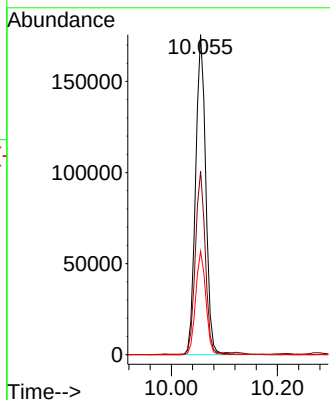
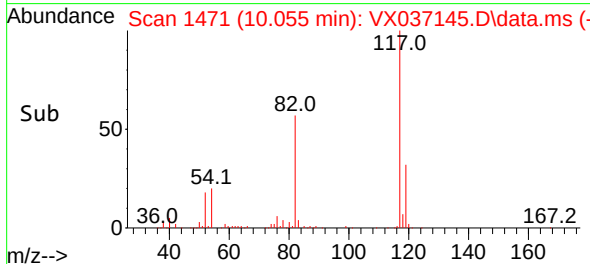
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB06-Z22-23



Tgt Ion:117 Resp: 23410
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.4
119 32.4 25.5 38.3

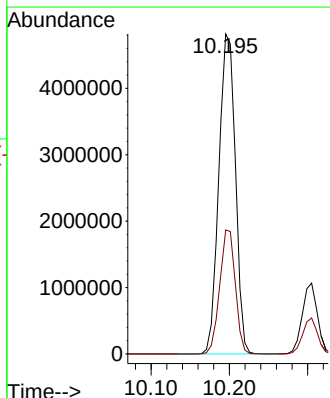
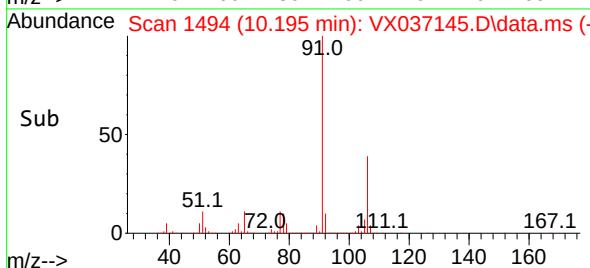
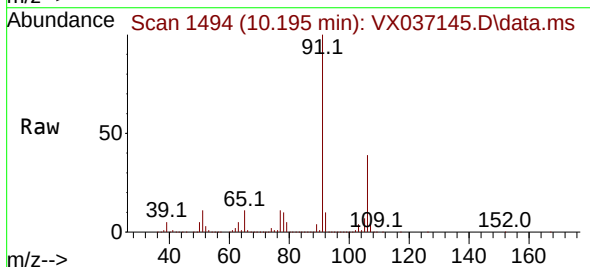
Manual Integrations
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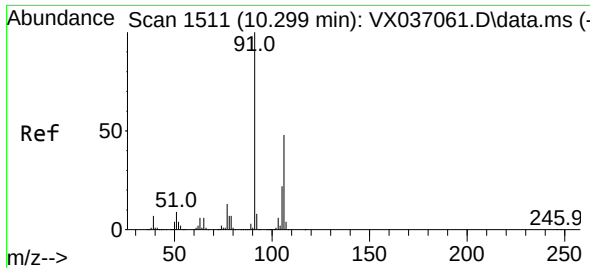
Reviewed By :Semsettin Yesilyurt 08/22/2023
Supervised By :Mahesh Dadoda 08/22/2023



#67
Ethyl Benzene
Concen: 814.872 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037145.D
Acq: 21 Aug 2023 20:55

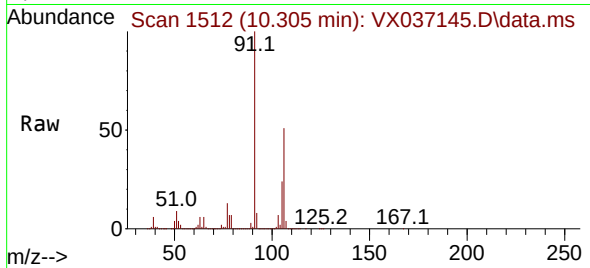
Tgt Ion: 91 Resp: 7094668
Ion Ratio Lower Upper
91 100
106 38.8 24.9 37.3#





#68
m/p-Xylenes
Concen: 213.397 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX037145.D
Acq: 21 Aug 2023 20:55

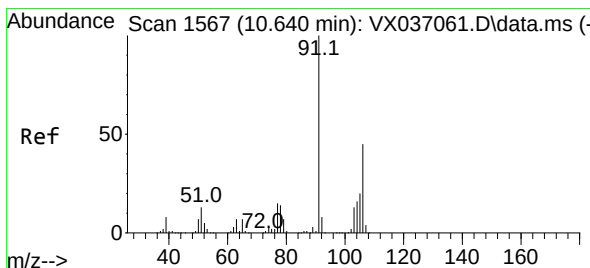
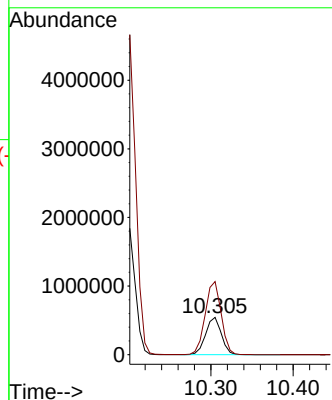
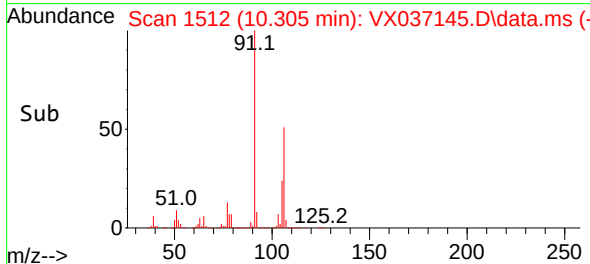
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB06-Z22-23



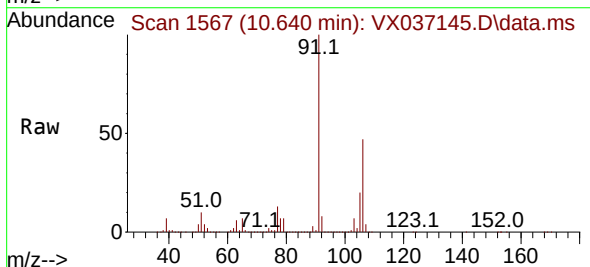
Tgt Ion:106 Resp: 717488
Ion Ratio Lower Upper
106 100
91 200.5 165.5 248.3

Manual Integrations
APPROVED

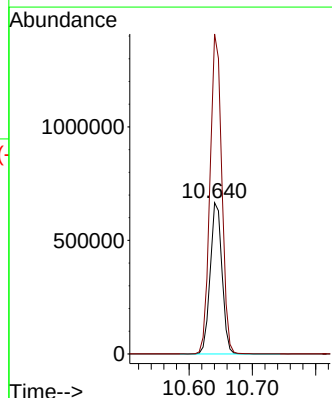
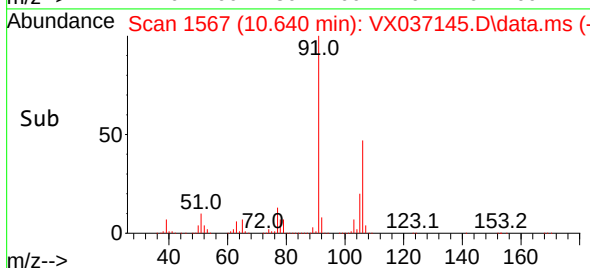
Reviewed By :Semsettin Yesilyurt 08/22/2023
Supervised By :Mahesh Dadoda 08/22/2023

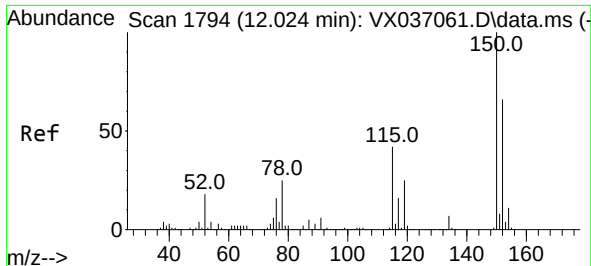


#69
o-Xylene
Concen: 260.440 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX037145.D
Acq: 21 Aug 2023 20:55



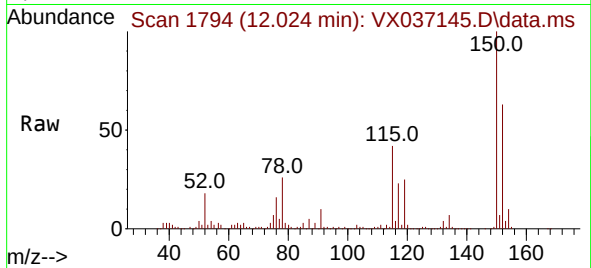
Tgt Ion:106 Resp: 863935
Ion Ratio Lower Upper
106 100
91 211.5 108.9 326.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037145.D
Acq: 21 Aug 2023 20:55

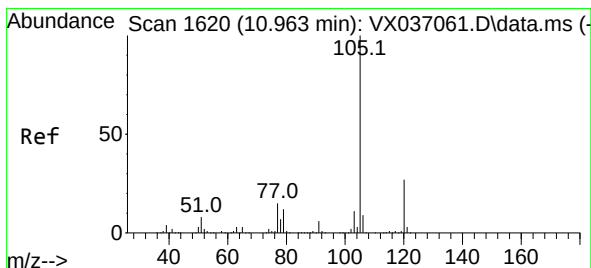
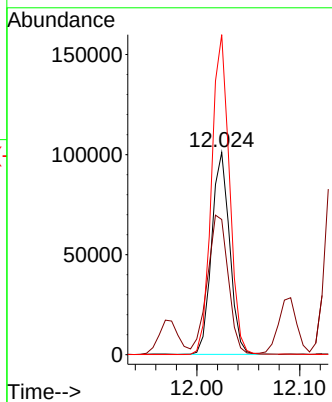
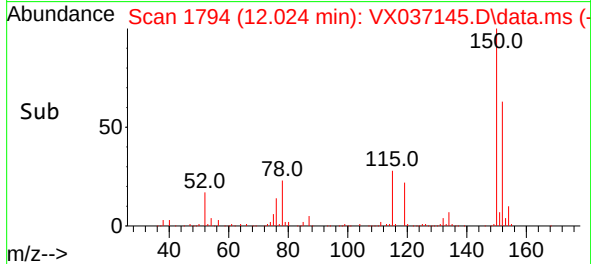
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB06-Z22-23



Tgt Ion:152 Resp: 121760
Ion Ratio Lower Upper
152 100
115 0.0 43.3 129.9
150 158.1 0.0 345.0

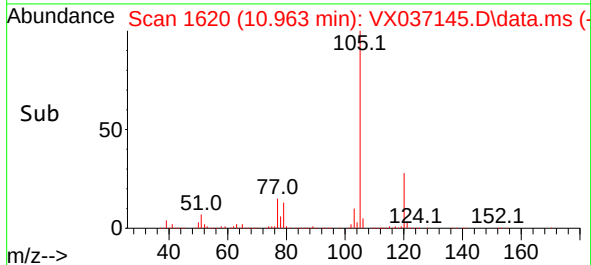
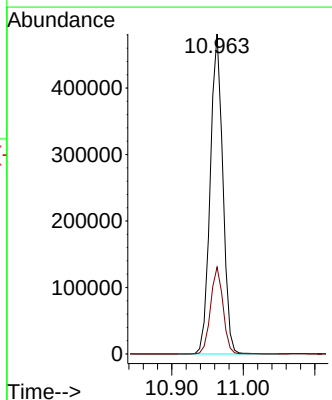
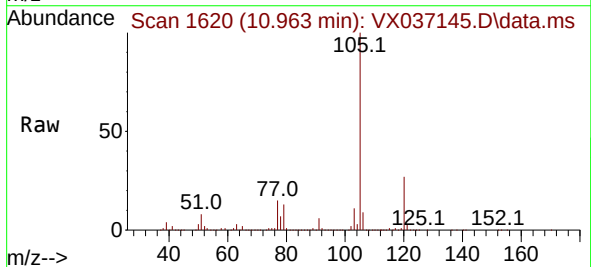
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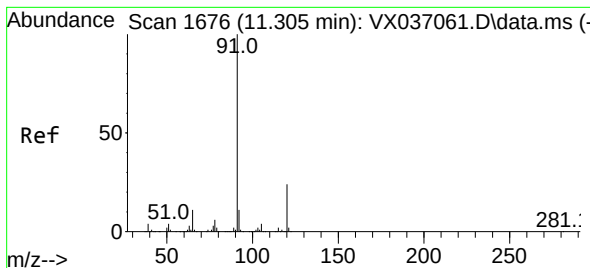
Reviewed By :Semsettin Yesilyurt 08/22/2023
Supervised By :Mahesh Dadoda 08/22/2023



#73
Isopropylbenzene
Concen: 66.328 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX037145.D
Acq: 21 Aug 2023 20:55

Tgt Ion:105 Resp: 587045
Ion Ratio Lower Upper
105 100
120 26.8 12.9 38.6





#78

n-propylbenzene

Concen: 20.380 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX037145.D

Acq: 21 Aug 2023 20:55

Instrument :

MSVOA_X

ClientSampleId :

NEVINS-SB06-Z22-23

Tgt Ion: 91 Resp: 20085

Ion Ratio Lower Upper

91 100

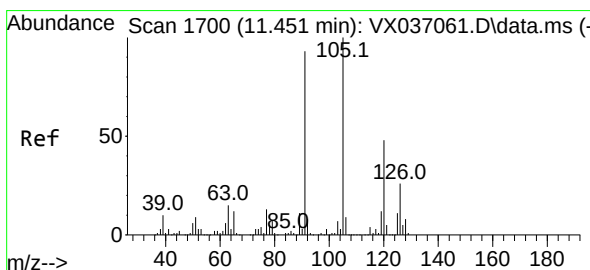
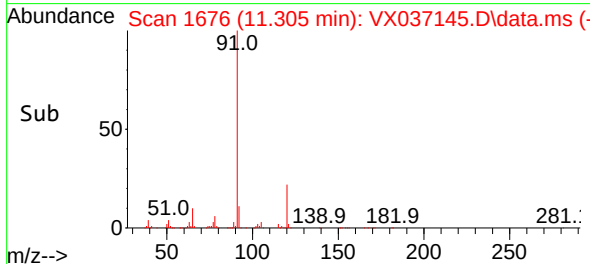
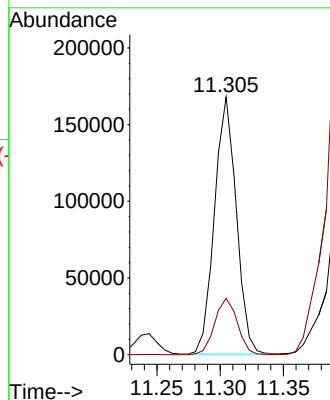
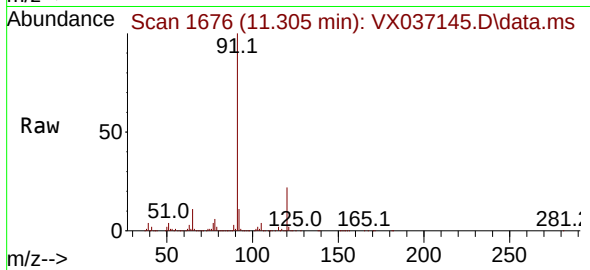
120 22.7 11.5 34.4

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Supervised By :Mahesh Dadoda 08/22/2023



#80

1,3,5-Trimethylbenzene

Concen: 73.036 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX037145.D

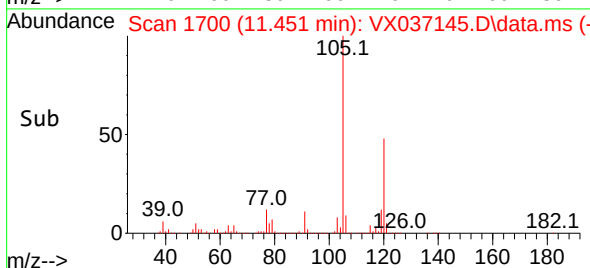
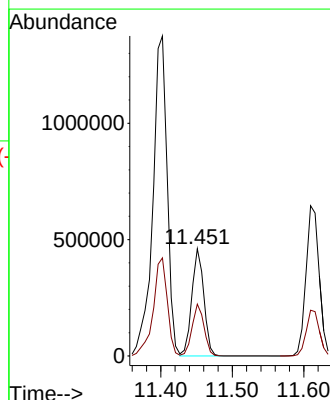
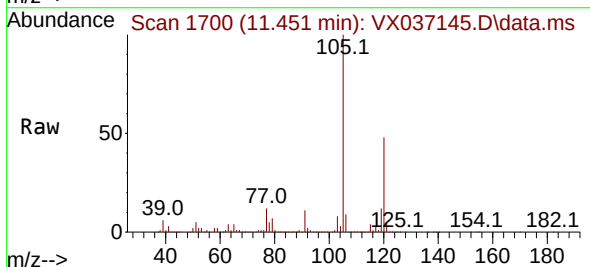
Acq: 21 Aug 2023 20:55

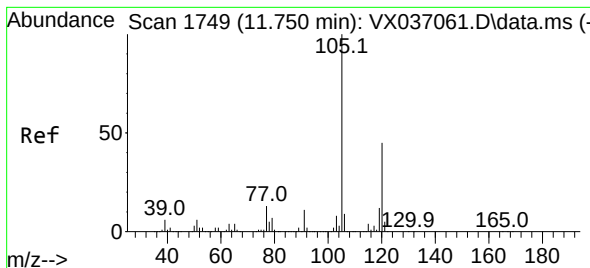
Tgt Ion:105 Resp: 539219

Ion Ratio Lower Upper

105 100

120 48.1 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 273.690 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX037145.D

Acq: 21 Aug 2023 20:55

Instrument :

MSVOA_X

ClientSampleId :

NEVINS-SB06-Z22-23

Tgt Ion:105 Resp: 2042149

Ion Ratio Lower Upper

105 100

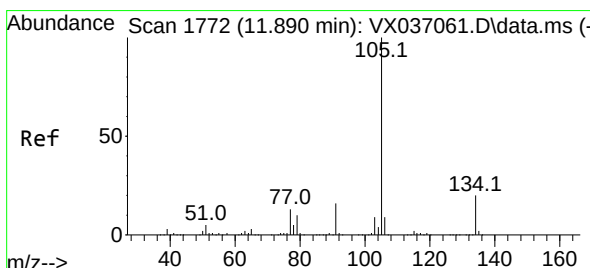
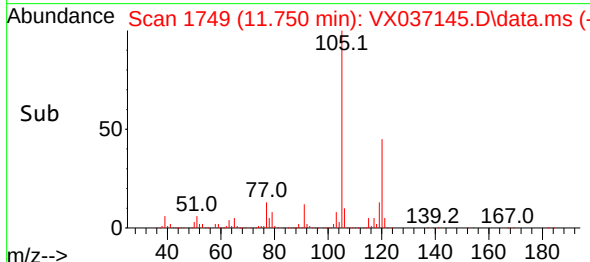
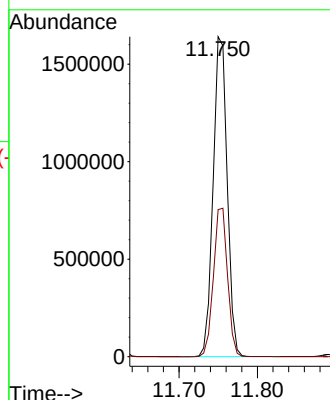
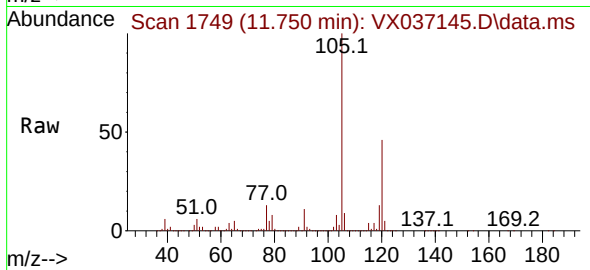
120 46.5 21.2 63.6

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Reviewed By :Semsettin Yesilyurt 08/22/2023

Supervised By :Mahesh Dadoda 08/22/2023



#85

sec-Butylbenzene

Concen: 1.741 ug/l m

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX037145.D

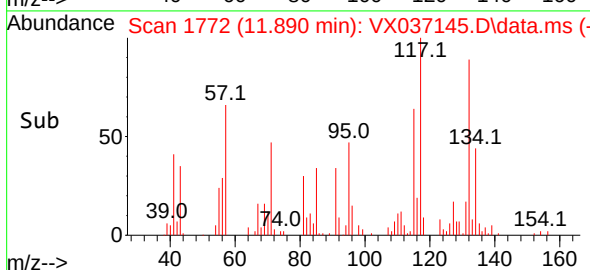
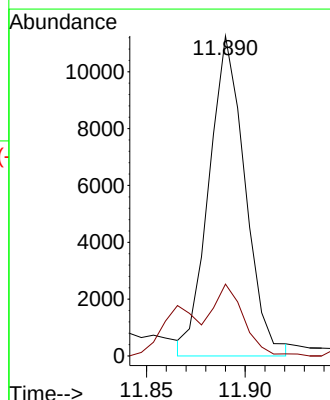
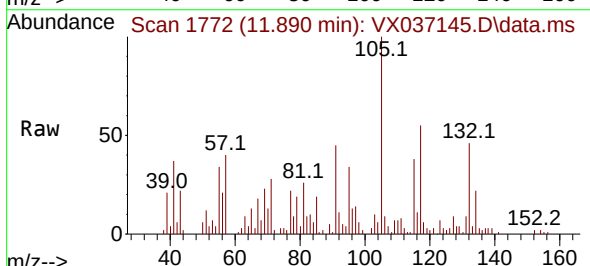
Acq: 21 Aug 2023 20:55

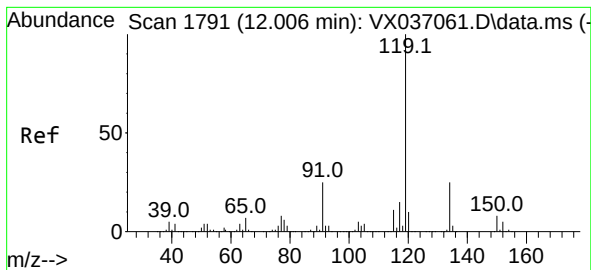
Tgt Ion:105 Resp: 14321

Ion Ratio Lower Upper

105 100

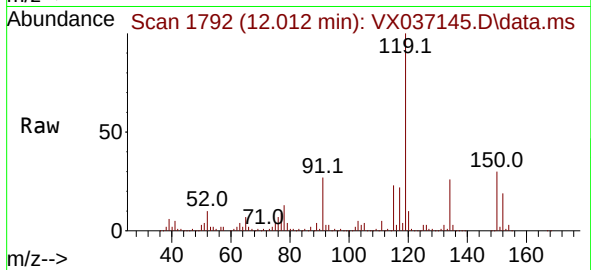
134 0.0 9.8 29.4#





#86
p-Isopropyltoluene
Concen: 32.179 ug/l m
RT: 12.012 min Scan# 119
Delta R.T. 0.006 min
Lab File: VX037145.D
Acq: 21 Aug 2023 20:55

Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB06-Z22-23



Tgt Ion:119 Resp: 227825
Ion Ratio Lower Upper
119 100
134 35.7 12.8 38.3
91 33.1 13.1 39.3

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 08/22/2023
Supervised By :Mahesh Dadoda 08/22/2023

