

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082123\
 Data File : VX037143.D
 Acq On : 21 Aug 2023 20:07
 Operator : JC/MD
 Sample : 04014-04 10X
 Misc : 7.77g/5.0mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NEVINS-SB06-Z84-85

Manual Integrations
 APPROVED

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

Quant Time: Aug 22 06:02:11 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	147386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	270275	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	251128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	123996	58.356	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 116.720%			
35) Dibromofluoromethane	5.385	113	93821	52.415	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.820%			
50) Toluene-d8	8.647	98	344090	52.995	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.980%			
62) 4-Bromofluorobenzene	11.079	95	135325	53.035	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.080%			
Target Compounds					Qvalue	
39) Methylcyclohexane	7.379	83	2952	1.105	ug/l	91
40) Benzene	6.038	78	1457866	199.886	ug/l	99
52) Toluene	8.720	92	27156	5.635	ug/l	99
67) Ethyl Benzene	10.195	91	4818861	515.966	ug/l	92
68) m/p-Xylenes	10.299	106	1068708	296.313	ug/l	96
69) o-Xylene	10.640	106	595319	167.300	ug/l	97
73) Isopropylbenzene	10.964	105	500645	54.988	ug/l	98
78) n-propylbenzene	11.305	91	236283	23.306	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	435316	57.317	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	1669552	217.509	ug/l	94
85) sec-Butylbenzene	11.890	105	12177m	1.439	ug/l	
86) p-Isopropyltoluene	12.012	119	147851	20.301	ug/l	96

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

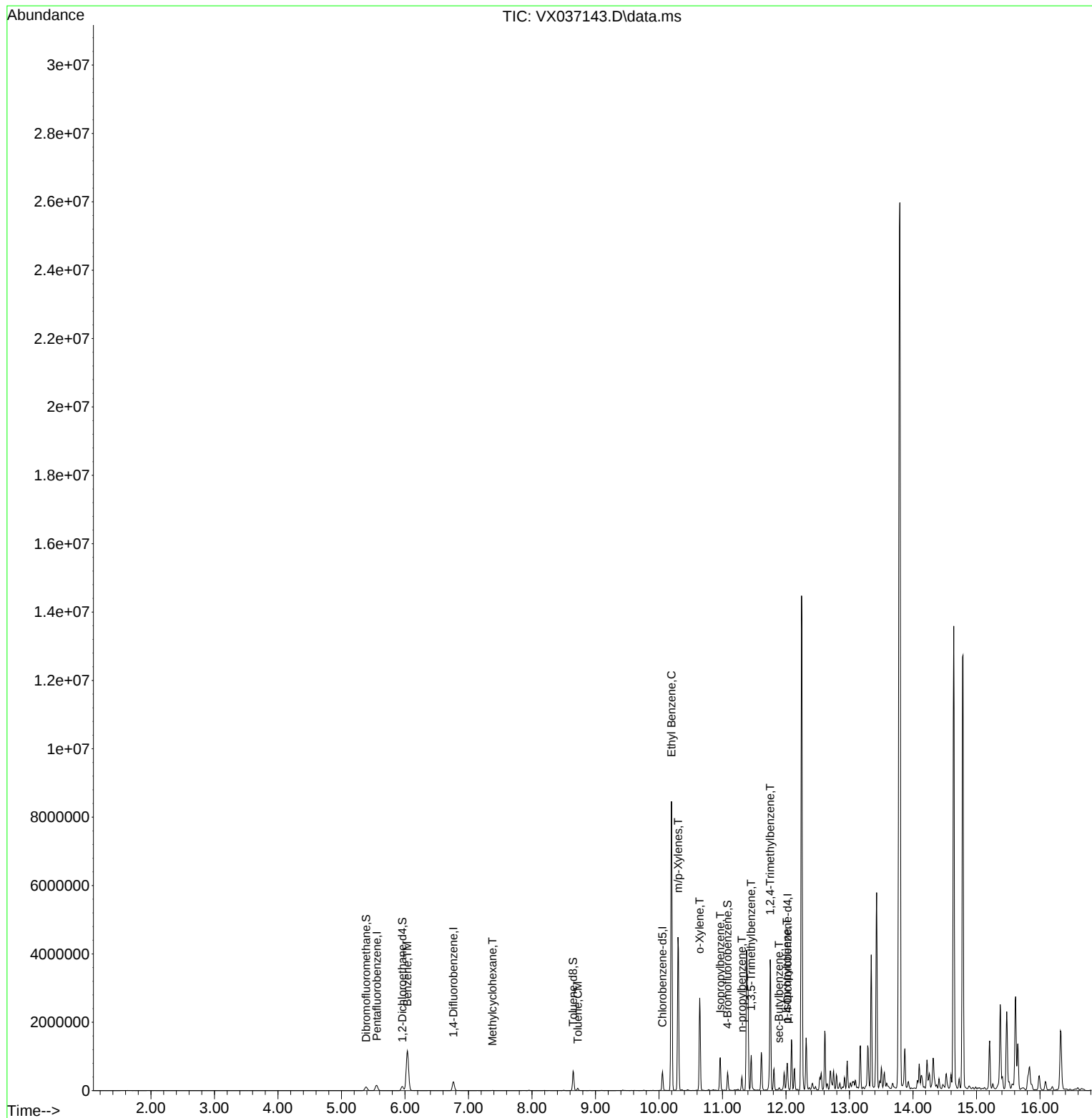
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082123\
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Acq On : 21 Aug 2023 20:07
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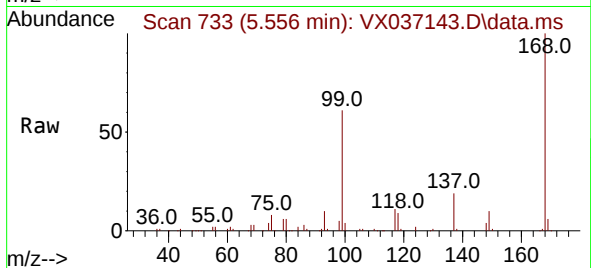
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.006 min
Lab File: VX037143.D
Acq: 21 Aug 2023 20:07

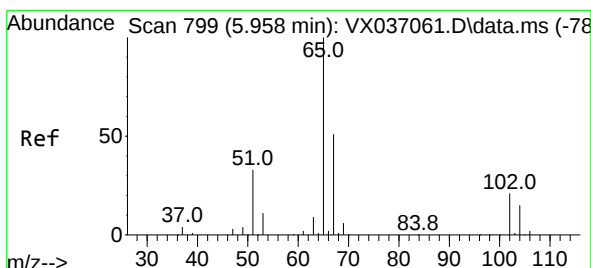
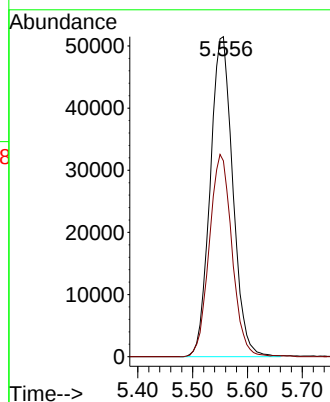
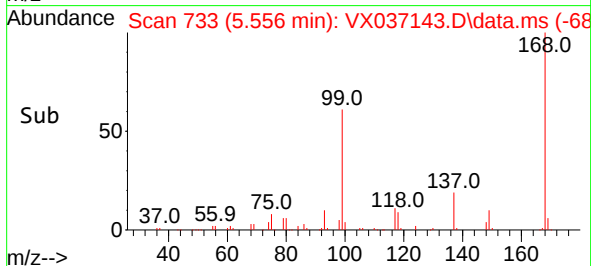
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB06-Z84-85



Tgt Ion:168 Resp: 147386
Ion Ratio Lower Upper
168 100
99 61.2 56.6 85.0

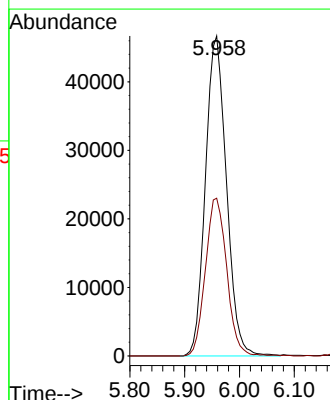
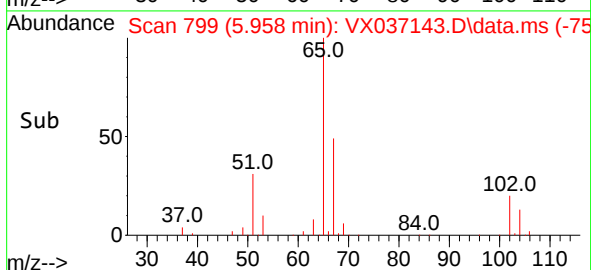
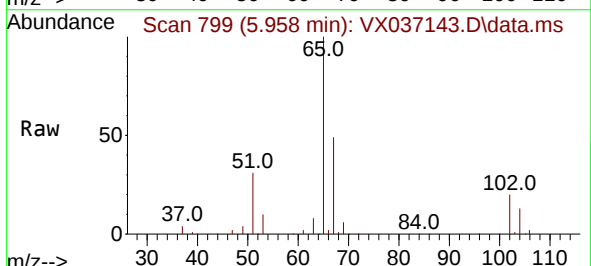
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Supervised By :Mahesh Dadoda 08/22/2023



#33
1,2-Dichloroethane-d4
Concen: 58.356 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037143.D
Acq: 21 Aug 2023 20:07

Tgt Ion: 65 Resp: 123996
Ion Ratio Lower Upper
65 100
67 50.1 0.0 100.2





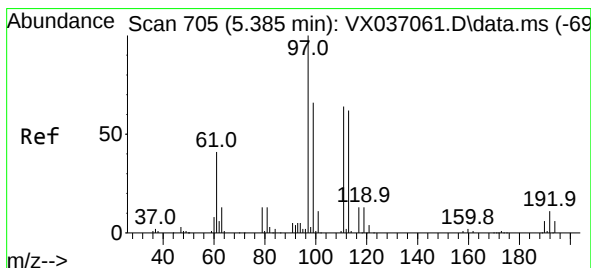
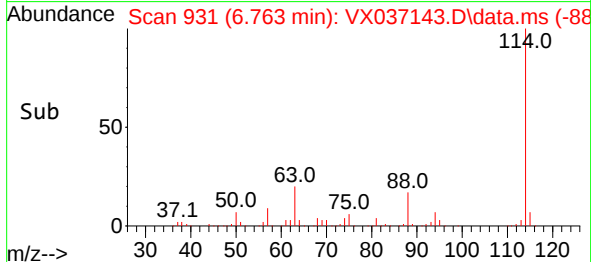
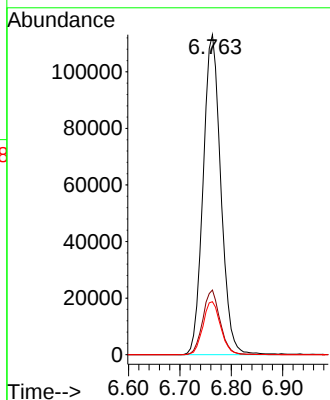
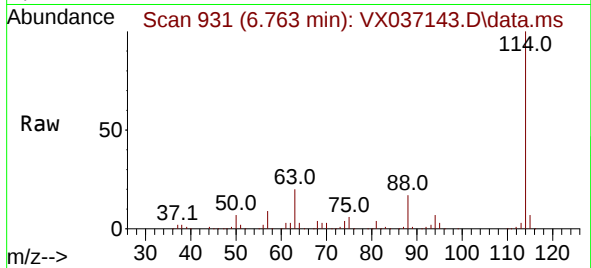
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 914
Delta R.T. 0.000 min
Lab File: VX037143.D
Acq: 21 Aug 2023 20:07

Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB06-Z84-85

Tgt Ion:114 Resp: 270274
Ion Ratio Lower Upper
114 100
63 20.2 0.0 45.0
88 16.6 0.0 36.6

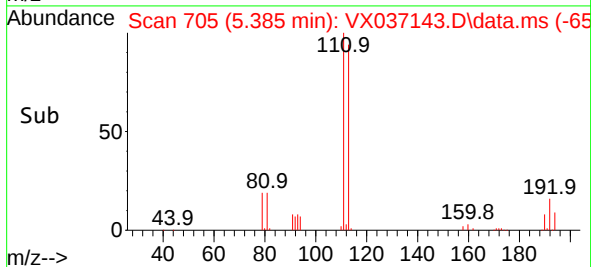
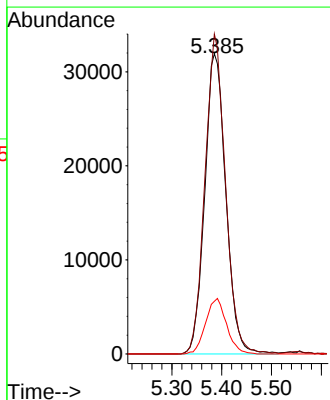
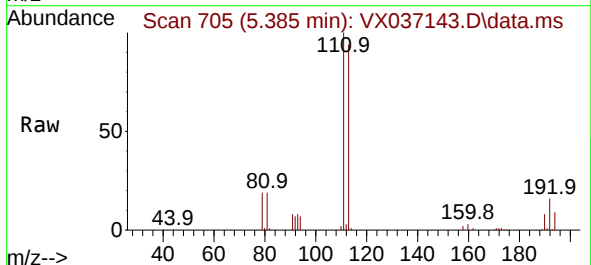
Manual Integrations
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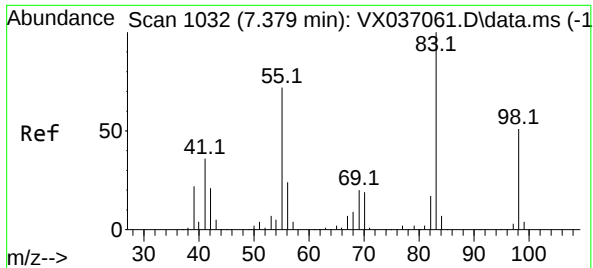
Reviewed By :Semsettin Yesilyurt 08/22/2023
Supervised By :Mahesh Dadoda 08/22/2023



#35
Dibromofluoromethane
Concen: 52.415 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037143.D
Acq: 21 Aug 2023 20:07

Tgt Ion:113 Resp: 93821
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 18.3 13.3 19.9





#39

Methylcyclohexane

Concen: 1.105 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX037143.D

Acq: 21 Aug 2023 20:07

Instrument :

MSVOA_X

ClientSampleId :

NEVINS-SB06-Z84-85

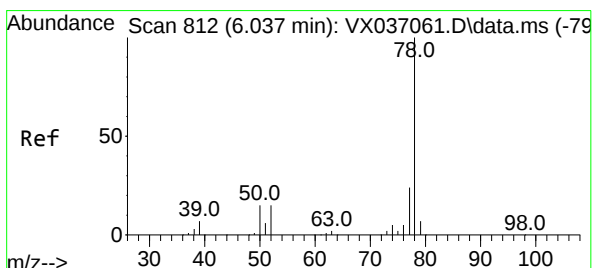
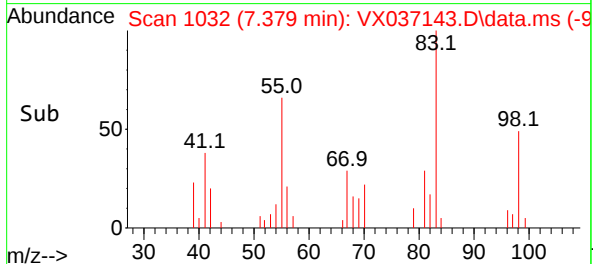
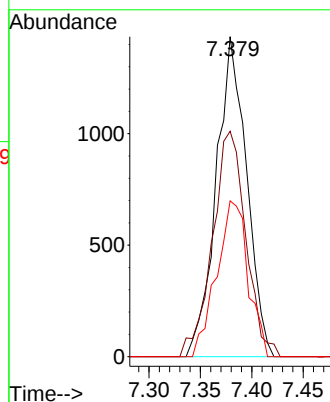
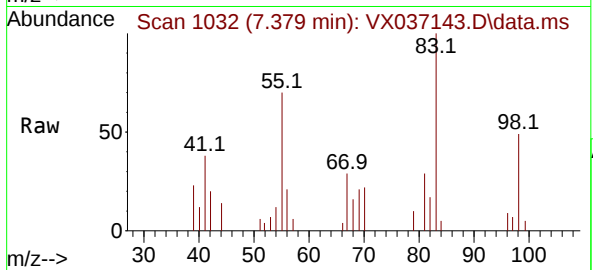
Tgt Ion: 83	Resp: 295
Ion Ratio	Lower Upper
83	100
55	70.5 64.6 97.0
98	48.7 36.7 55.1

Manual Integrations

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Supervised By :Mahesh Dadoda 08/22/2023



#40

Benzene

Concen: 199.886 ug/l

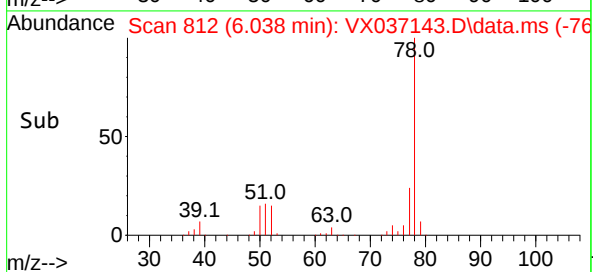
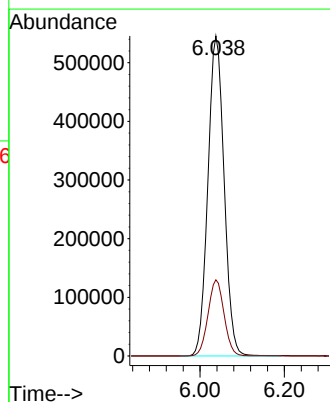
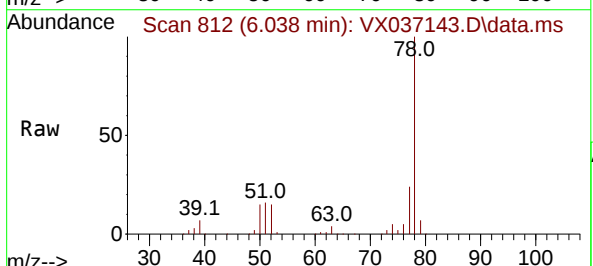
RT: 6.038 min Scan# 812

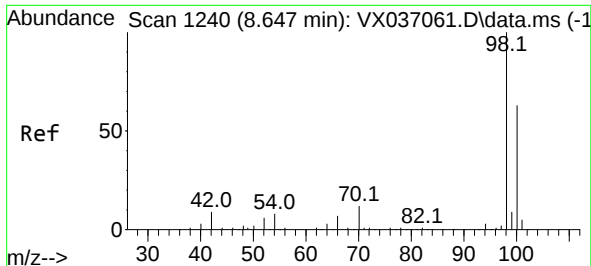
Delta R.T. 0.000 min

Lab File: VX037143.D

Acq: 21 Aug 2023 20:07

Tgt Ion: 78	Resp: 1457866
Ion Ratio	Lower Upper
78	100
77	23.8 19.3 28.9





#50

Toluene-d8

Concen: 52.995 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037143.D

Acq: 21 Aug 2023 20:07

Instrument :

MSVOA_X

ClientSampleId :

NEVINS-SB06-Z84-85

Tgt Ion: 98 Resp: 344090

Ion Ratio Lower Upper

98 100

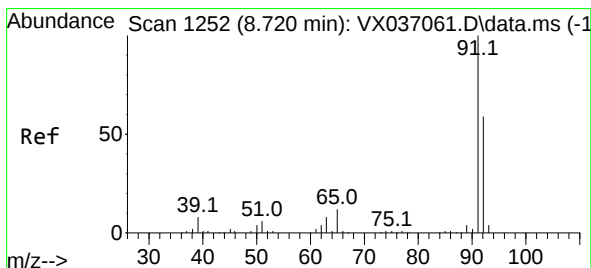
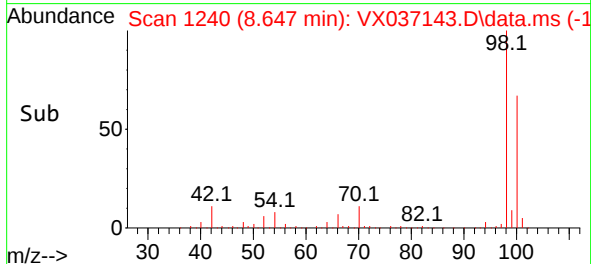
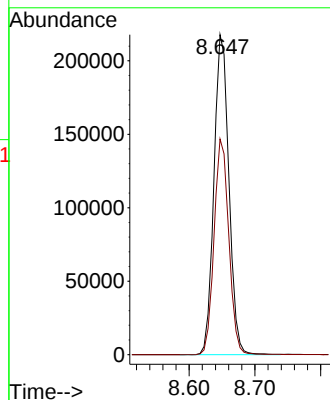
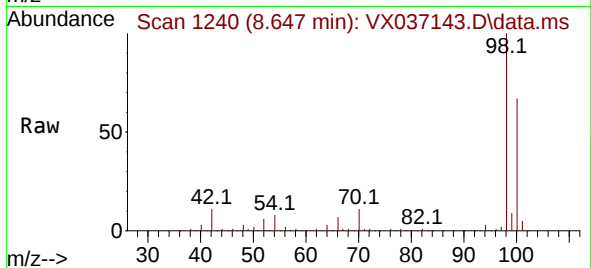
100 66.6 53.1 79.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/22/2023

Supervised By :Mahesh Dadoda 08/22/2023



#52

Toluene

Concen: 5.635 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX037143.D

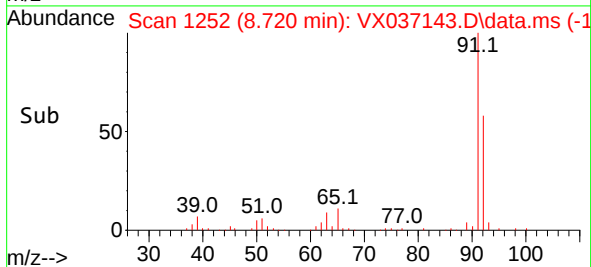
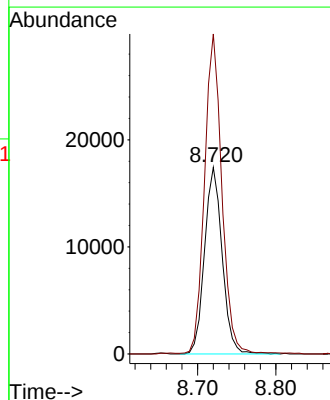
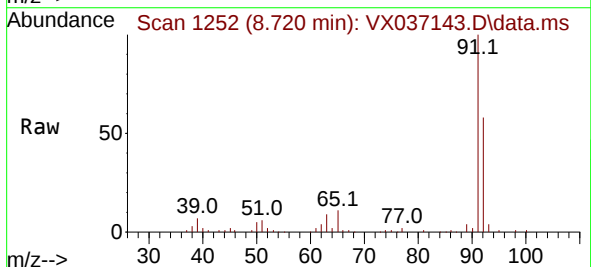
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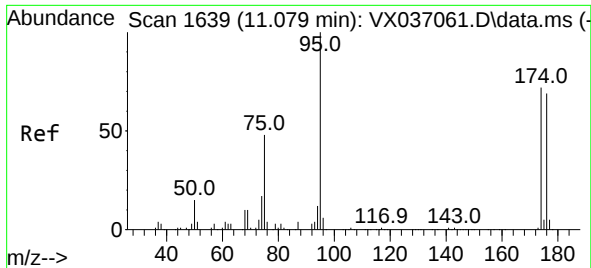
Tgt Ion: 92 Resp: 27156

Ion Ratio Lower Upper

92 100

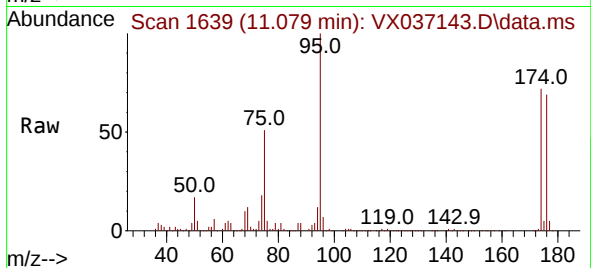
91 169.6 134.2 201.2





#62
4-Bromofluorobenzene
Concen: 53.035 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037143.D
Acq: 21 Aug 2023 20:07

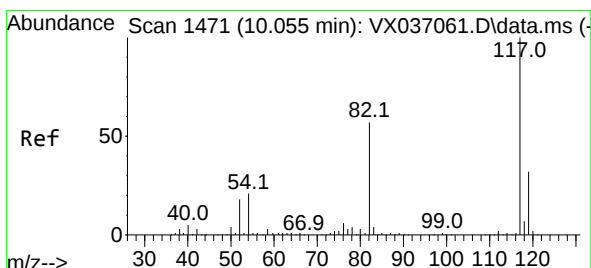
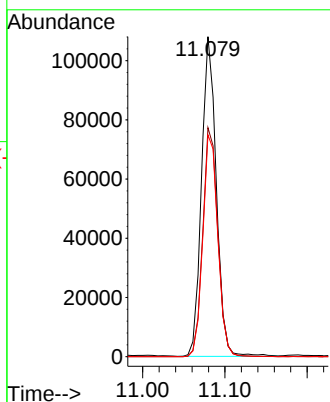
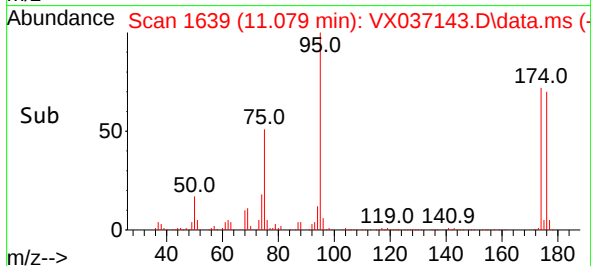
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB06-Z84-85



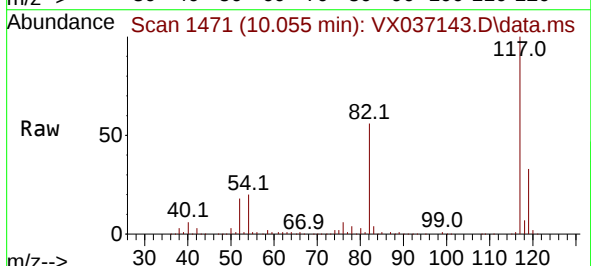
Tgt Ion: 95 Resp: 135329
Ion Ratio Lower Upper
95 100
174 72.4 0.0 135.6
176 70.3 0.0 131.0

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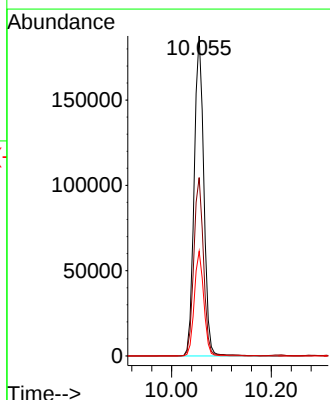
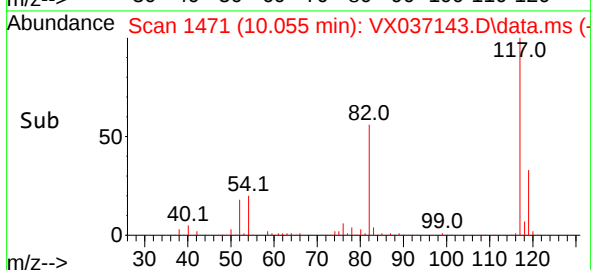
Reviewed By :Semsettin Yesilyurt 08/22/2023
Supervised By :Mahesh Dadoda 08/22/2023

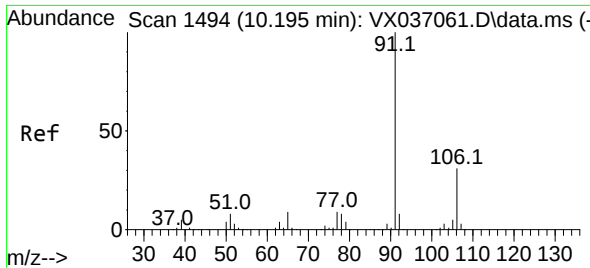


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037143.D
Acq: 21 Aug 2023 20:07



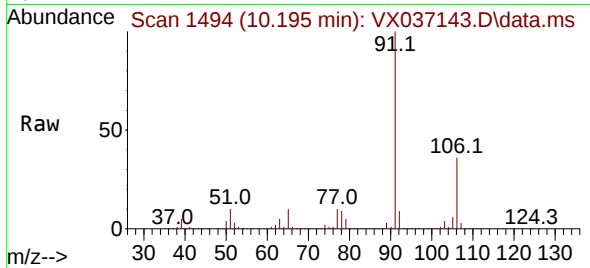
Tgt Ion:117 Resp: 251128
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.4
119 32.7 25.5 38.3





#67
Ethyl Benzene
Concen: 515.966 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037143.D
Acq: 21 Aug 2023 20:07

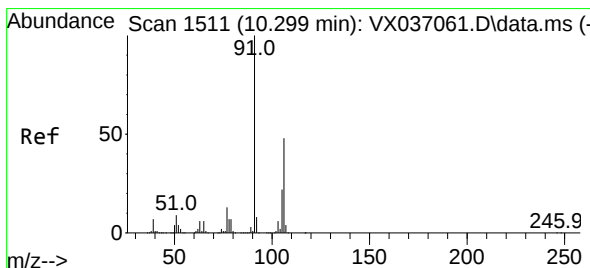
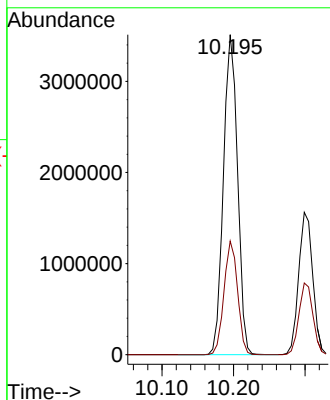
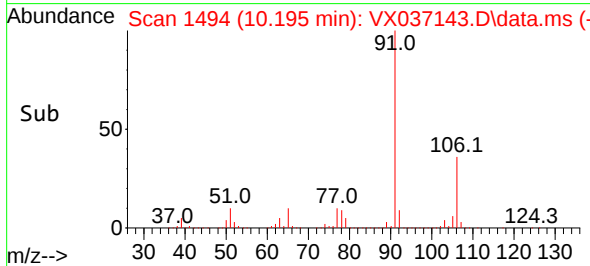
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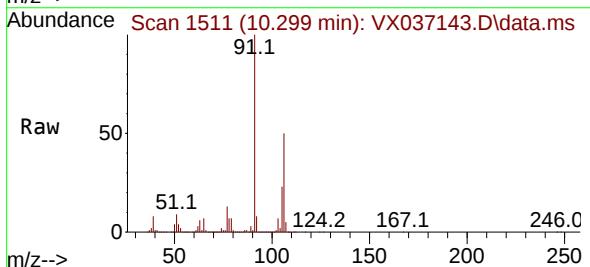
Tgt Ion: 91 Resp: 481886
Ion Ratio Lower Upper
91 100
106 35.5 24.9 37.3

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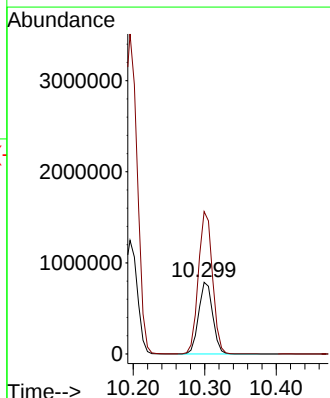
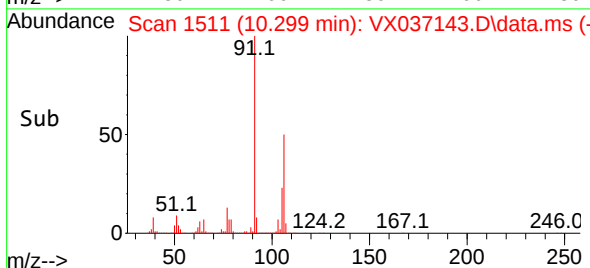
Reviewed By :Semsettin Yesilyurt 08/22/2023
Supervised By :Mahesh Dadoda 08/22/2023

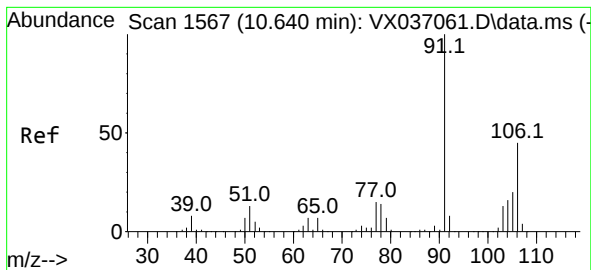


#68
m/p-Xylenes
Concen: 296.313 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX037143.D
Acq: 21 Aug 2023 20:07



Tgt Ion:106 Resp: 1068708
Ion Ratio Lower Upper
106 100
91 200.1 165.5 248.3





#69

o-Xylene

Concen: 167.300 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037143.D

Acq: 21 Aug 2023 20:07

Instrument :

MSVOA_X

ClientSampleId :

NEVINS-SB06-Z84-85

Tgt Ion:106 Resp: 595319

Ion Ratio Lower Upper

106 100

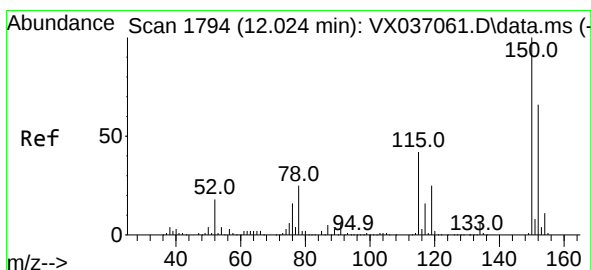
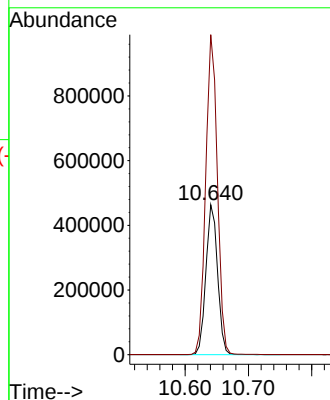
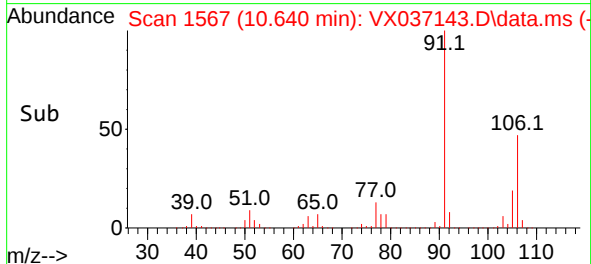
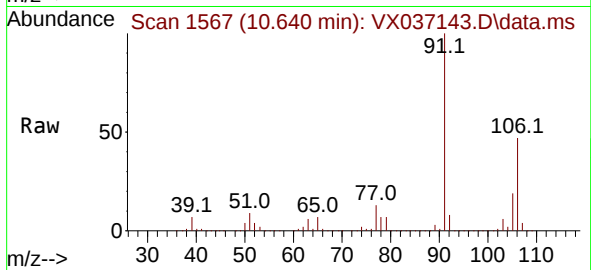
91 213.5 108.9 326.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/22/2023

Supervised By :Mahesh Dadoda 08/22/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX037143.D

Acq: 21 Aug 2023 20:07

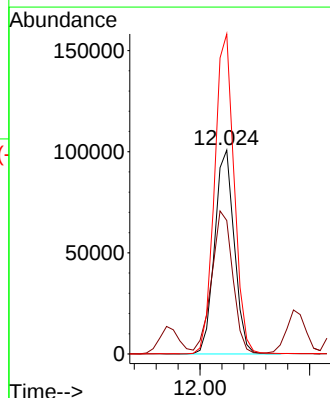
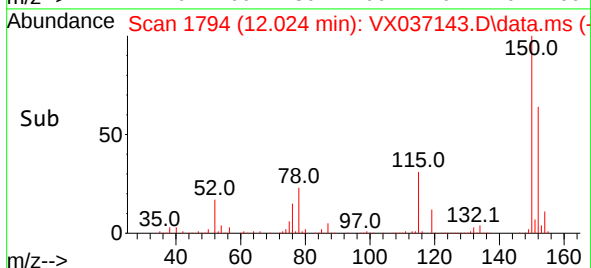
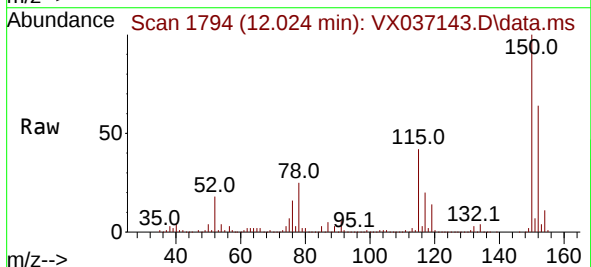
Tgt Ion:152 Resp: 125262

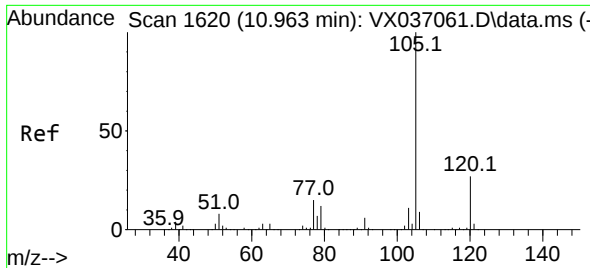
Ion Ratio Lower Upper

152 100

115 74.2 43.3 129.9

150 157.4 0.0 345.0





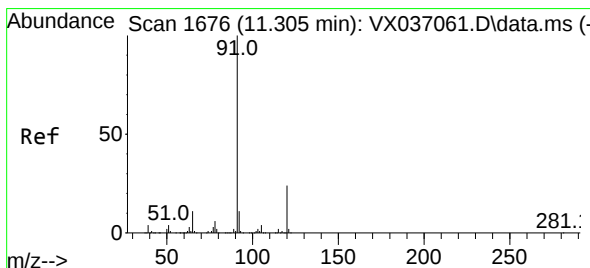
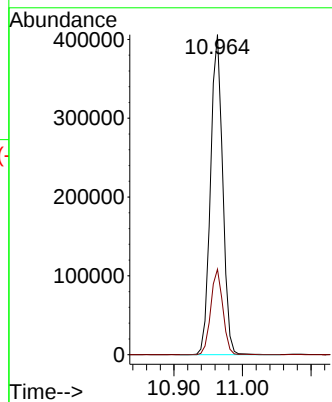
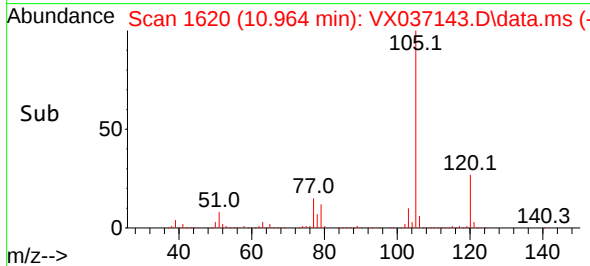
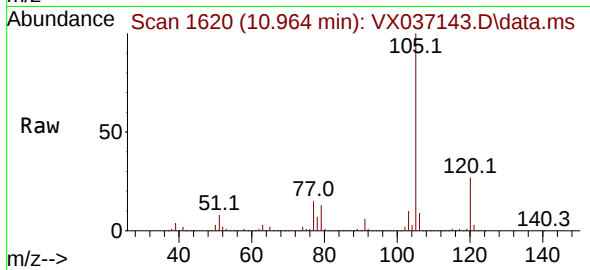
#73
Isopropylbenzene
Concen: 54.988 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX037143.D
Acq: 21 Aug 2023 20:07

Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB06-Z84-85

Tgt Ion:105 Resp: 500649
Ion Ratio Lower Upper
105 100
120 26.5 12.9 38.6

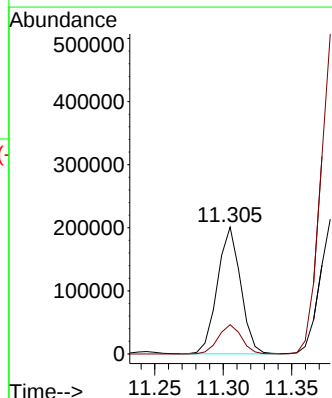
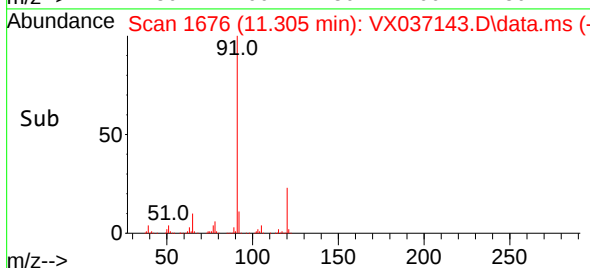
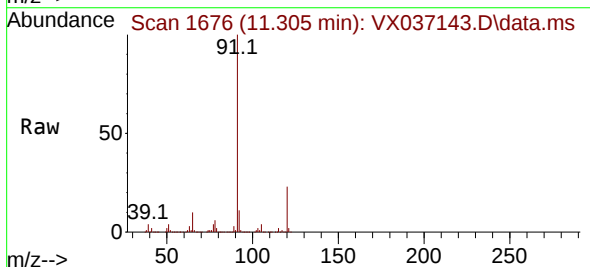
Manual Integrations
APPROVED

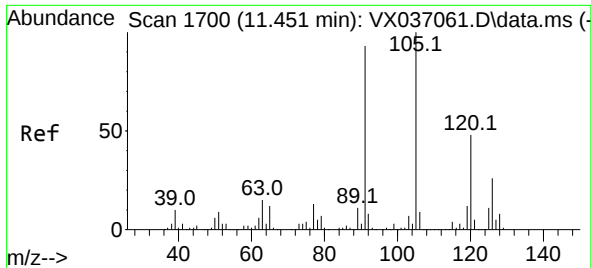
Reviewed By :Semsettin Yesilyurt 08/22/2023
Supervised By :Mahesh Dadoda 08/22/2023



#78
n-propylbenzene
Concen: 23.306 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX037143.D
Acq: 21 Aug 2023 20:07

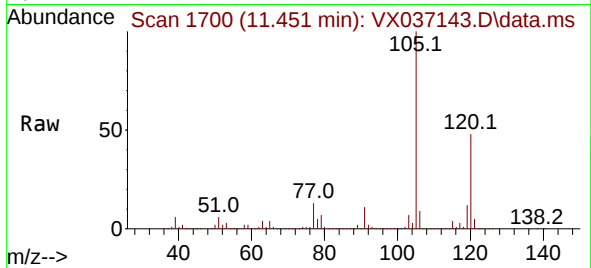
Tgt Ion: 91 Resp: 236283
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4





#80
1,3,5-Trimethylbenzene
Concen: 57.317 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037143.D
Acq: 21 Aug 2023 20:07

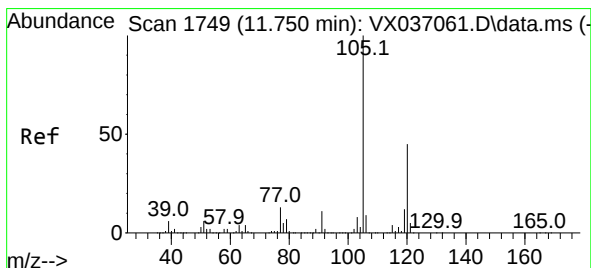
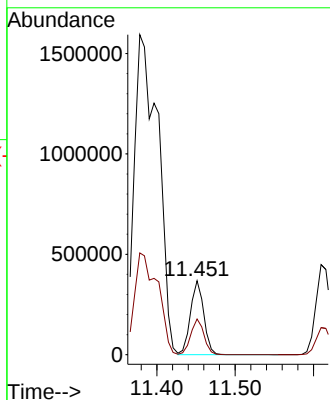
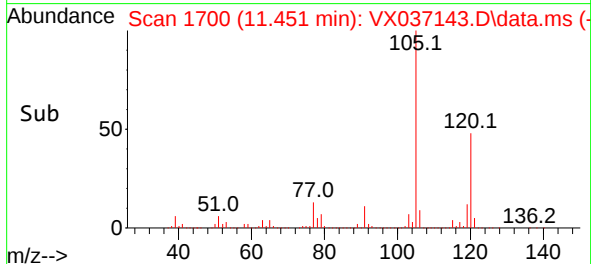
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB06-Z84-85



Tgt Ion:105 Resp: 435310
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.3

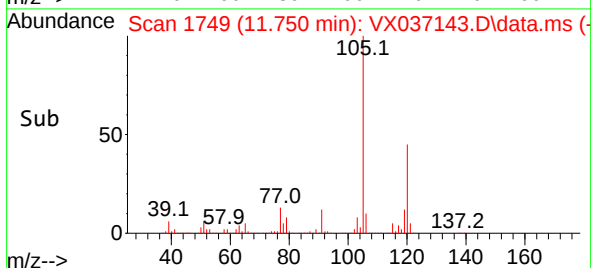
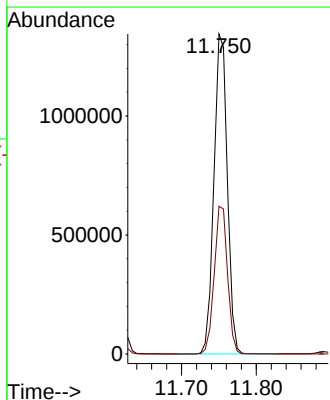
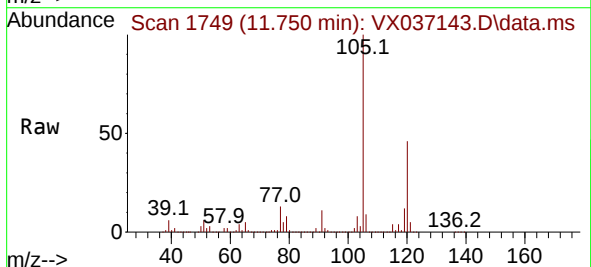
Manual Integrations
APPROVED

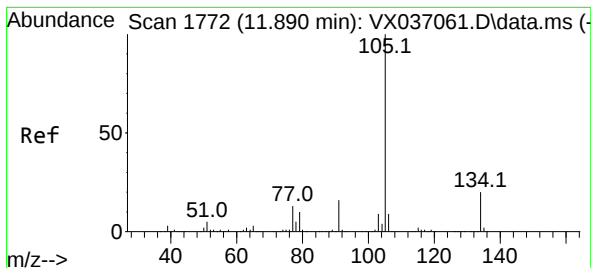
Reviewed By :Semsettin Yesilyurt 08/22/2023
Supervised By :Mahesh Dadoda 08/22/2023



#84
1,2,4-Trimethylbenzene
Concen: 217.509 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX037143.D
Acq: 21 Aug 2023 20:07

Tgt Ion:105 Resp: 1669552
Ion Ratio Lower Upper
105 100
120 46.0 21.2 63.6





#85

sec-Butylbenzene

Concen: 1.439 ug/l m

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX037143.D

Acq: 21 Aug 2023 20:07

Instrument :

MSVOA_X

ClientSampleId :

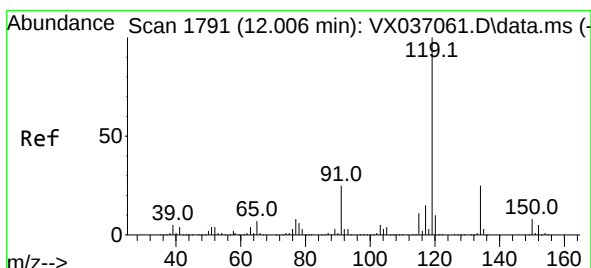
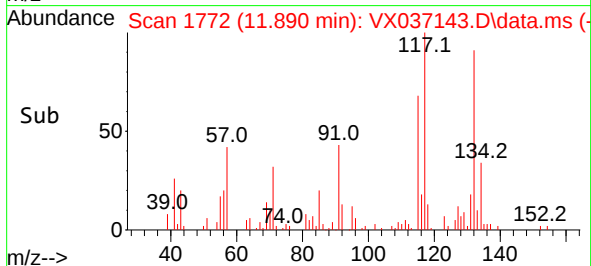
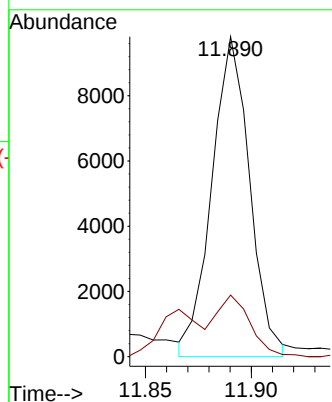
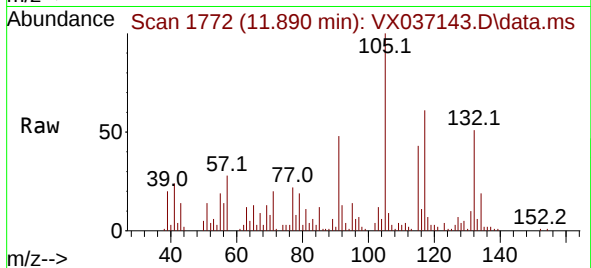
NEVINS-SB06-Z84-85

Tgt Ion:105 Resp: 1217
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4

Manual Integrations

APPROVED

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



#86

p-Isopropyltoluene

Concen: 20.301 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX037143.D

Acq: 21 Aug 2023 20:07

Tgt Ion:119 Resp: 147851
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.8 38.3
 91 29.0 13.1 39.3

