

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
 Data File : VX025993.D
 Acq On : 24 Dec 2021 00:56
 Operator : JC/MD
 Sample : M5154-09
 Misc : 7.03g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BGL89

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/26/2021
 Supervised By : Mahesh Dadoda 12/28/2021

Quant Time: Dec 24 06:49:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 23 21:00:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	227379	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	207278	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	111802	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	83642	51.873	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 103.740%			
7) Chloroethane-d5	1.648	69	31704	24.603	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 49.200%#			
11) 1,1-Dichloroethene-d2	2.276	63	137211	42.941	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.880%			
21) 2-Butanone-d5	4.501	46	113454	81.157	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery = 81.160%			
24) Chloroform-d	5.062	84	160852	49.849	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.700%			
26) 1,2-Dichloroethane-d4	5.958	65	115958	53.077	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.160%			
32) Benzene-d6	5.970	84	347336	58.218	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 116.440%			
36) 1,2-Dichloropropane-d6	7.312	67	105508	56.891	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 113.780%			
41) Toluene-d8	8.653	98	312683	56.132	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.260%			
43) trans-1,3-Dichloroprop...	8.952	79	30779	38.146	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.300%			
47) 2-Hexanone-d5	9.409	63	114836	119.979	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 119.980%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	150730	55.120	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 110.240%			
66) 1,2-Dichlorobenzene-d4	12.323	152	131231	62.115	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 124.240%#			
Target Compounds						Qvalue
13) Acetone	2.422	43	4852m	6.349	ug/L	
35) Methylcyclohexane	7.373	83	5145	1.931	ug/L #	71
42) Toluene	8.720	91	30241	4.314	ug/L	99
52) Ethylbenzene	10.195	91	1260179	165.766	ug/L	96
53) m,p-Xylene	10.305	106	1463733	504.392	ug/L	96
54) o-Xylene	10.646	106	217982	75.833	ug/L	89
60) Isopropylbenzene	10.963	105	93680	12.196	ug/L	96
62) 1,3,5-Trimethylbenzene	11.457	105	116767	18.156	ug/L	95
63) 1,2,4-Trimethylbenzene	11.756	105	495174	76.855	ug/L #	81
67) 1,2-Dichlorobenzene	12.341	146	7109	2.098	ug/L #	76
70) 1,2,4-trichlorobenzene	13.591	180	8438	4.118	ug/L #	86
72) 1,2,3-Trichlorobenzene	13.963	180	3256	1.539	ug/L #	62

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

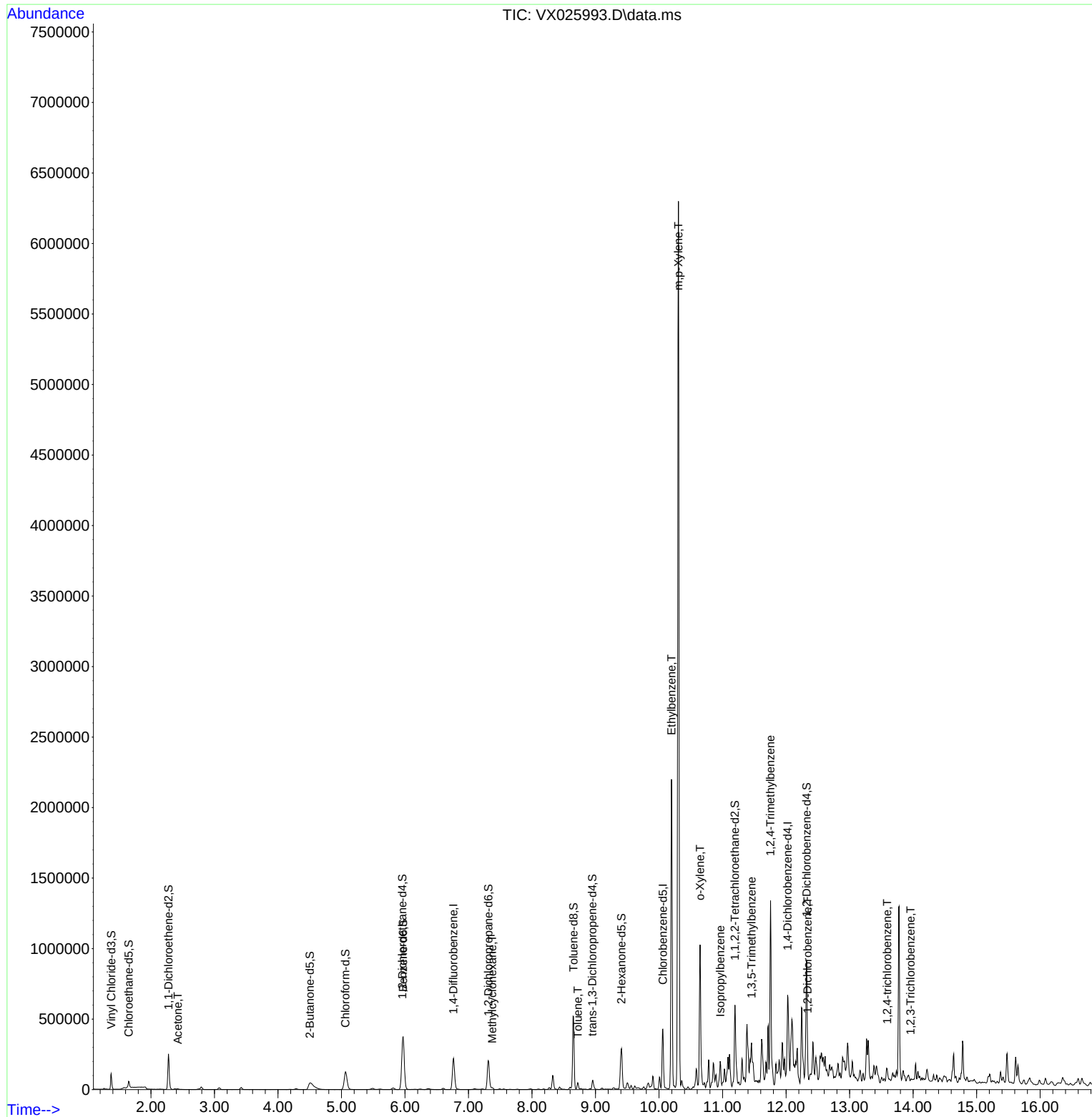
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025993.D
Acq On : 24 Dec 2021 00:56
Operator : JC/MD
Sample : M5154-09
Misc : 7.03g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 17 Sample Multiplier: 1

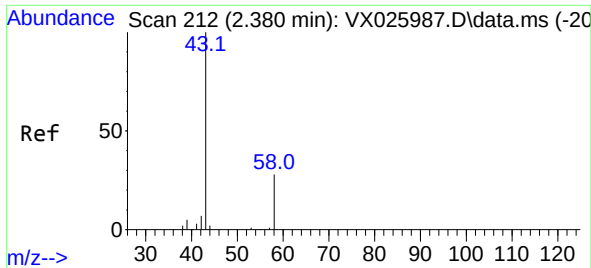
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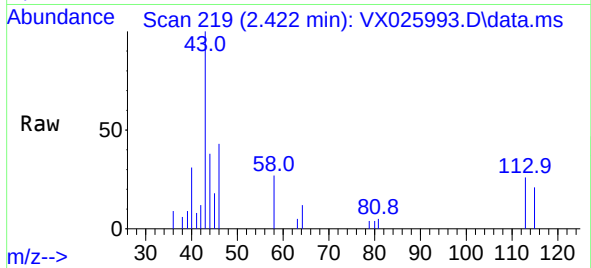
Quant Time: Dec 24 06:49:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 23 21:00:32 2021
Response via : Initial Calibration





#13
Acetone
Concen: 6.349 ug/L m
RT: 2.422 min Scan# 21
Delta R.T. 0.043 min
Lab File: VX025993.D
Acq: 24 Dec 2021 00:56

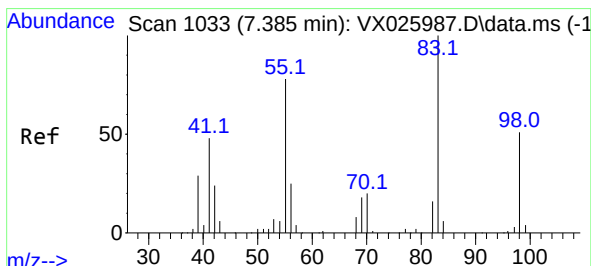
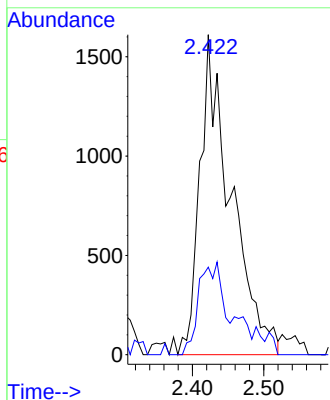
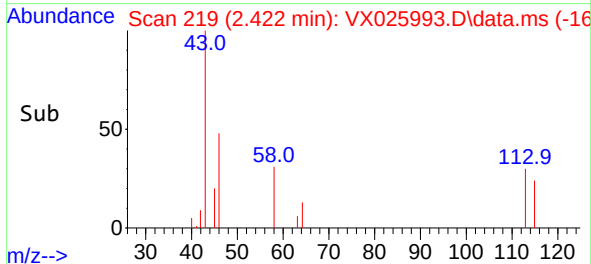
Instrument :
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ClientSampleId :
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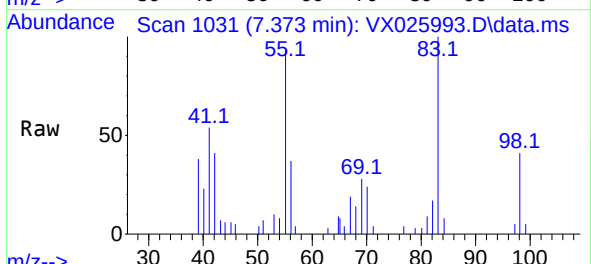
Tgt Ion: 43 Resp: 485
Ion Ratio Lower Upper
43 100
58 14.2 0.0 65.6

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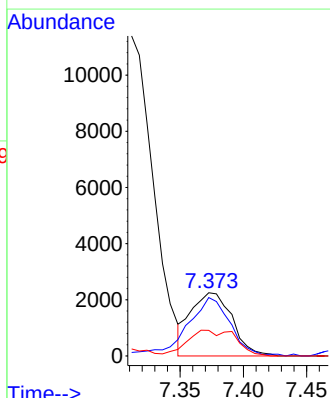
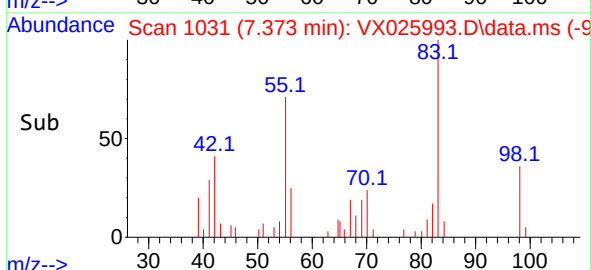
Reviewed By :Semsettin Yesilyurt 12/26/2021
Supervised By :Mahesh Dadoda 12/28/2021

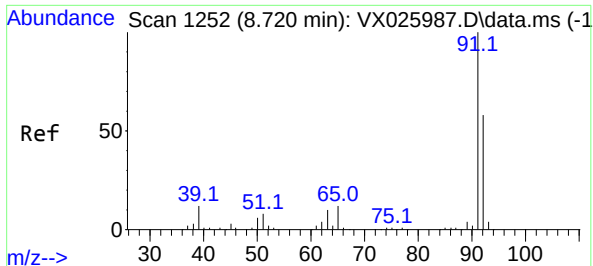


#35
Methylcyclohexane
Concen: 1.931 ug/L
RT: 7.373 min Scan# 1031
Delta R.T. -0.012 min
Lab File: VX025993.D
Acq: 24 Dec 2021 00:56



Tgt Ion: 83 Resp: 5145
Ion Ratio Lower Upper
83 100
55 94.9 57.3 85.9#
98 29.3 41.1 61.7#





#42

Toluene

Concen: 4.314 ug/L

RT: 8.720 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025993.D

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Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion: 91 Resp: 3024

Ion Ratio Lower Upper

91 100

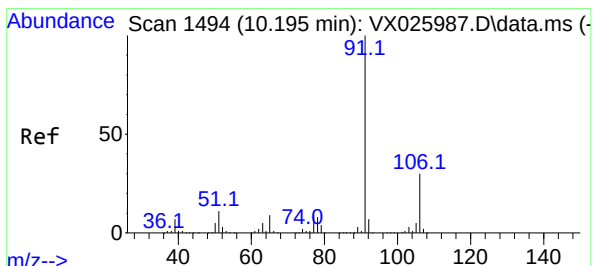
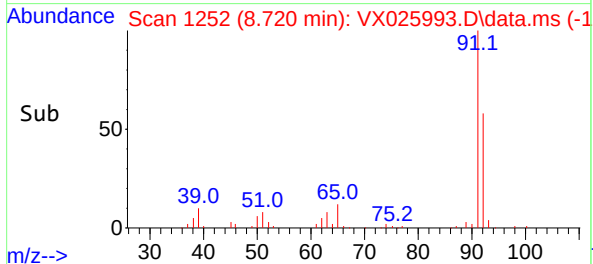
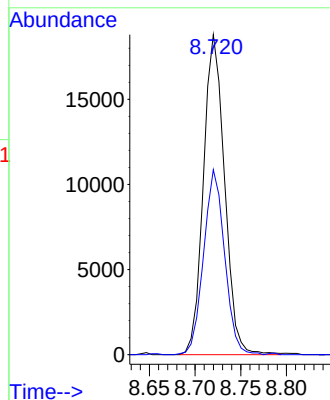
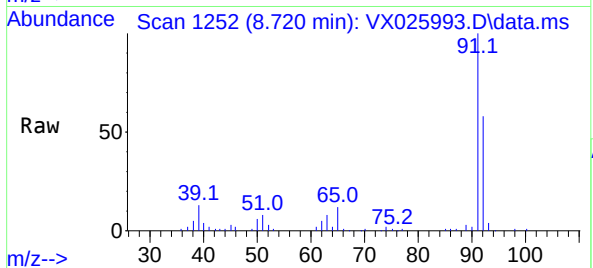
92 57.8 41.2 76.6

Manual Integrations

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#52

Ethylbenzene

Concen: 165.766 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX025993.D

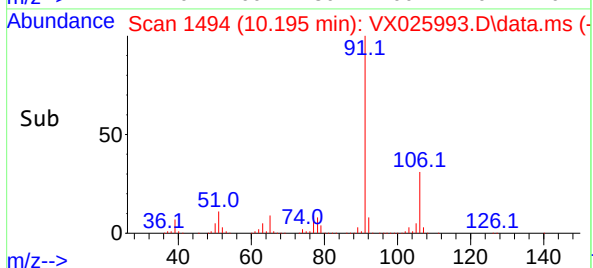
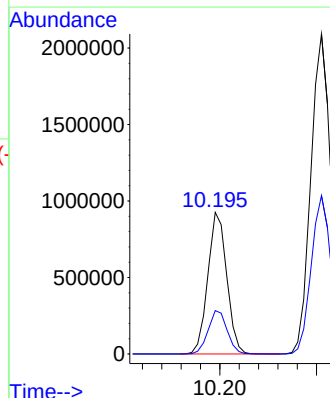
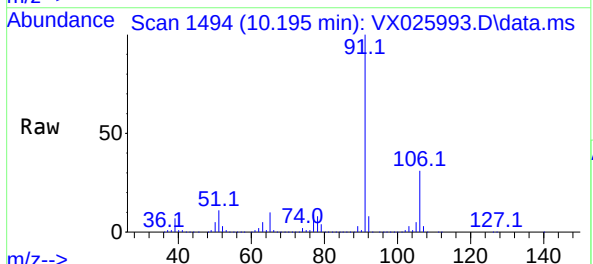
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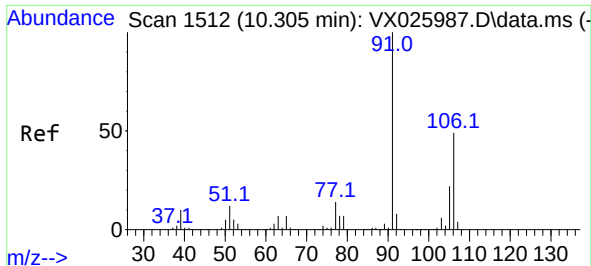
Tgt Ion: 91 Resp: 1260179

Ion Ratio Lower Upper

91 100

106 30.6 23.1 42.9





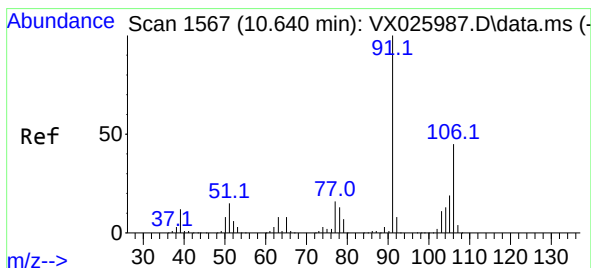
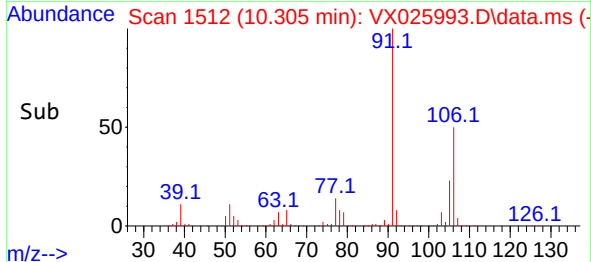
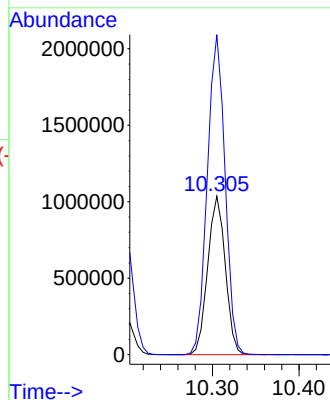
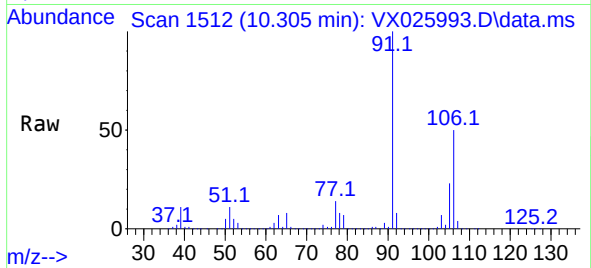
#53
m,p-Xylene
Concen: 504.392 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025993.D
Acq: 24 Dec 2021 00:56

Instrument :
MSVOA_X
ClientSampleId :
BGL89

Tgt Ion:106 Resp: 1463733
Ion Ratio Lower Upper
106 100
91 201.9 136.8 254.2

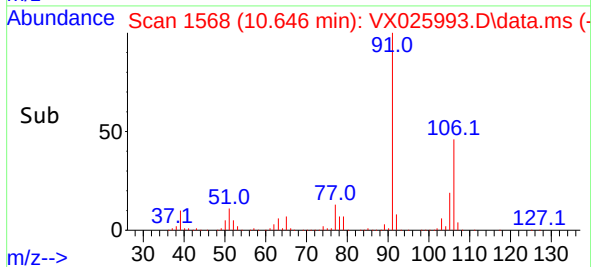
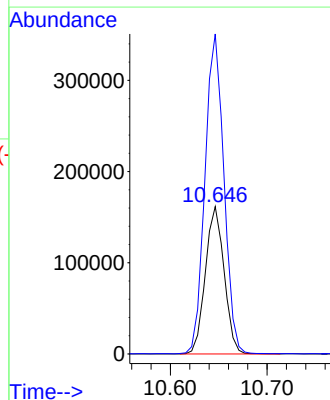
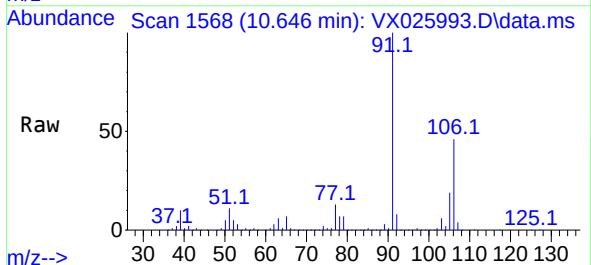
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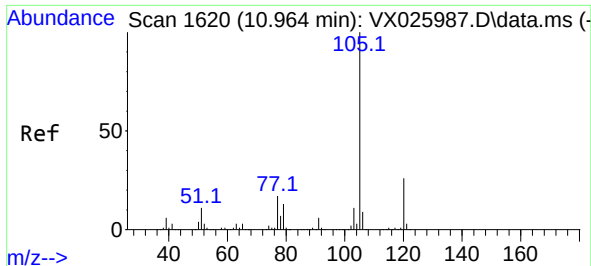
Reviewed By :Semsettin Yesilyurt 12/26/2021
Supervised By :Mahesh Dadoda 12/28/2021



#54
o-Xylene
Concen: 75.833 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX025993.D
Acq: 24 Dec 2021 00:56

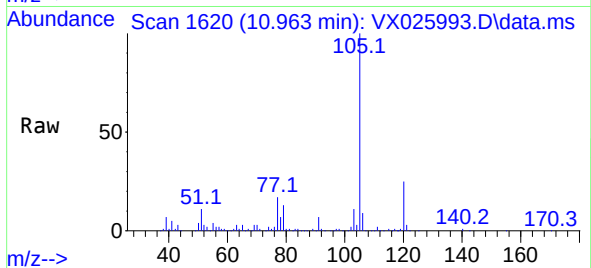
Tgt Ion:106 Resp: 217982
Ion Ratio Lower Upper
106 100
91 217.1 140.5 260.9





#60
Isopropylbenzene
Concen: 12.196 ug/L
RT: 10.963 min Scan# 10
Delta R.T. -0.000 min
Lab File: VX025993.D
Acq: 24 Dec 2021 00:56

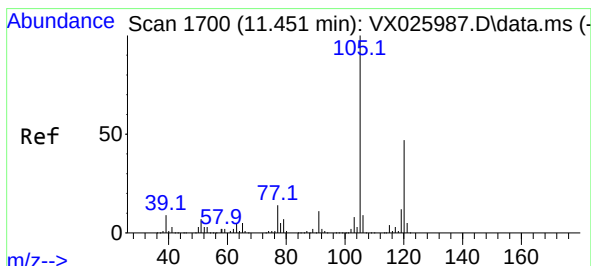
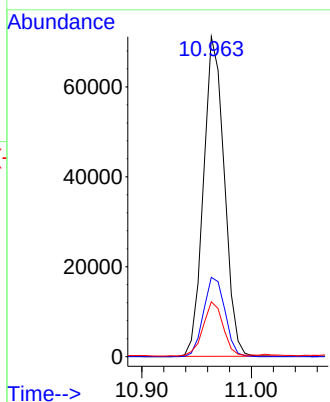
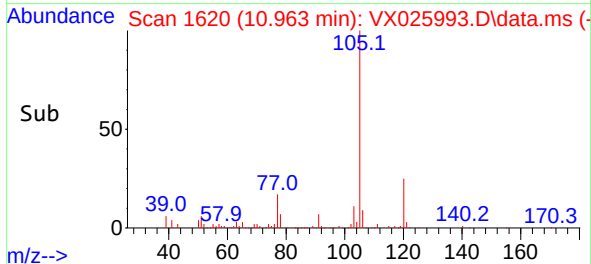
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Tgt Ion:105 Resp: 93680
Ion Ratio Lower Upper
105 100
120 25.7 22.3 33.5
77 16.4 11.5 17.3

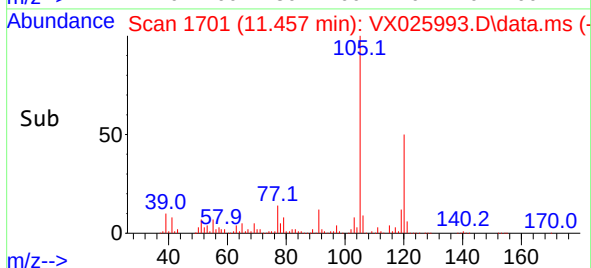
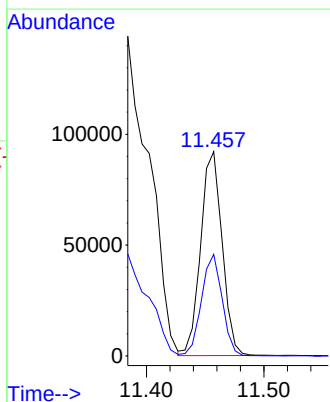
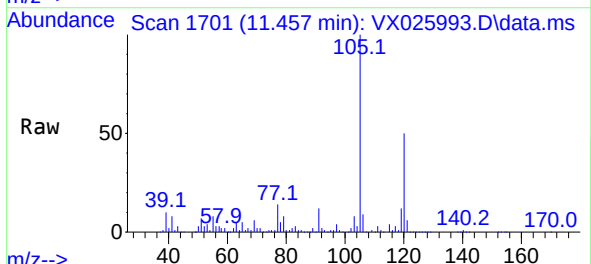
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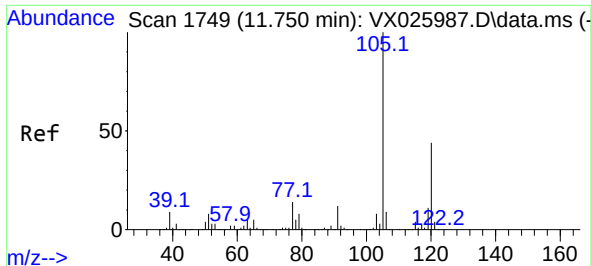
Reviewed By :Semsettin Yesilyurt 12/26/2021
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#62
1,3,5-Trimethylbenzene
Concen: 18.156 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX025993.D
Acq: 24 Dec 2021 00:56

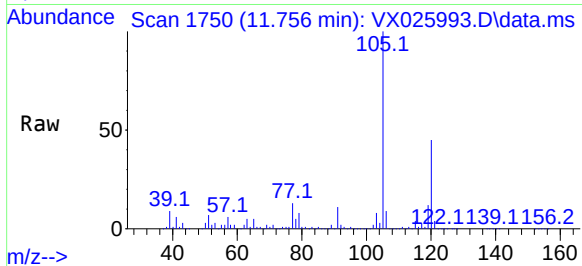
Tgt Ion:105 Resp: 116767
Ion Ratio Lower Upper
105 100
120 47.6 41.0 61.4





#63
1,2,4-Trimethylbenzene
Concen: 76.855 ug/L
RT: 11.756 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX025993.D
Acq: 24 Dec 2021 00:56

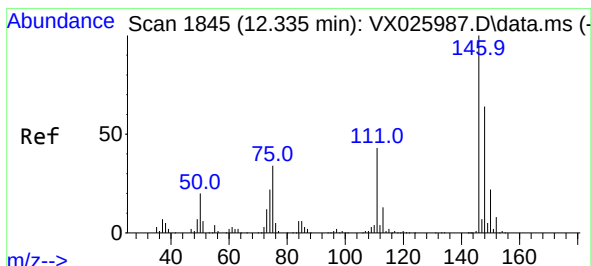
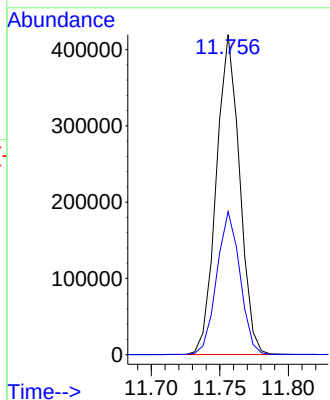
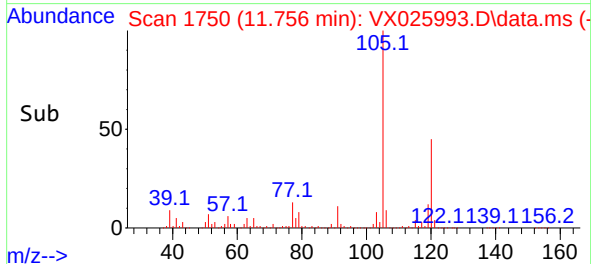
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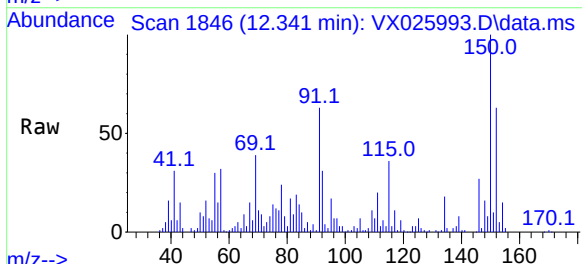
Tgt Ion:105 Resp: 495174
Ion Ratio Lower Upper
105 100
120 44.7 0.1 0.1

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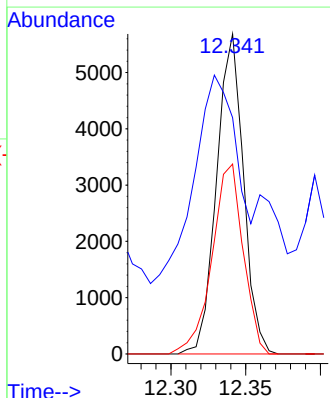
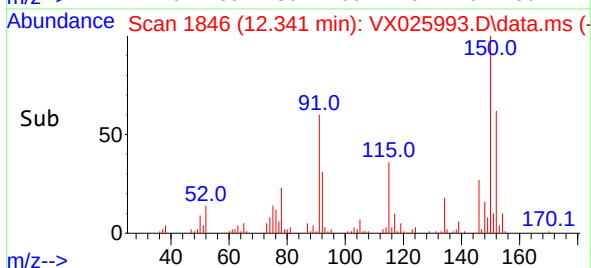
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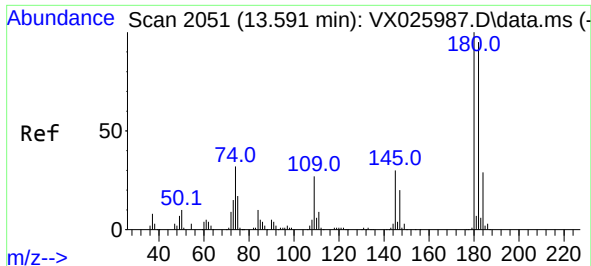


#67
1,2-Dichlorobenzene
Concen: 2.098 ug/L
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX025993.D
Acq: 24 Dec 2021 00:56



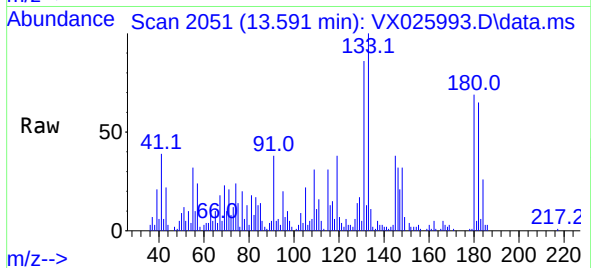
Tgt Ion:146 Resp: 7109
Ion Ratio Lower Upper
146 100
111 73.8 32.3 48.5#
148 59.4 50.3 75.5





#70
1,2,4-trichlorobenzene
Concen: 4.118 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX025993.D
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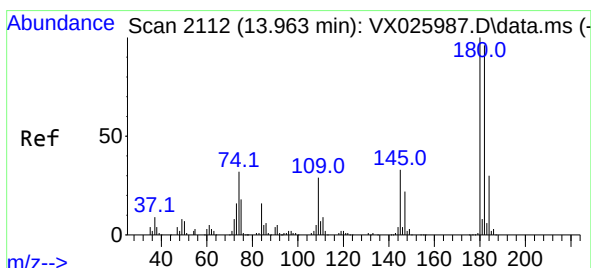
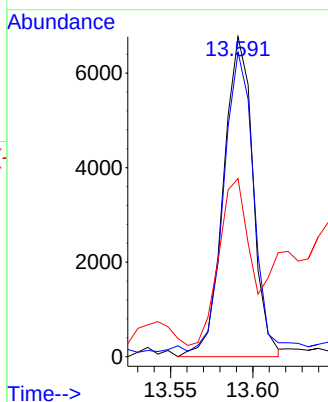
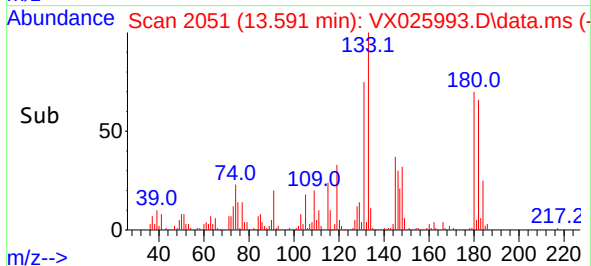
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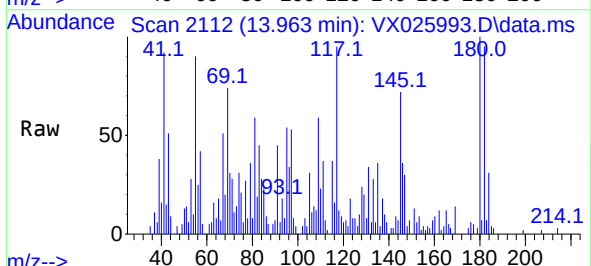
Tgt Ion:180 Resp: 8438
Ion Ratio Lower Upper
180 100
182 93.0 78.2 117.4
145 54.3 24.7 37.1

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#72
1,2,3-Trichlorobenzene
Concen: 1.539 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX025993.D
Acq: 24 Dec 2021 00:56



Tgt Ion:180 Resp: 3256
Ion Ratio Lower Upper
180 100
182 92.1 75.2 112.8
145 111.8 25.8 38.6

