

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
 Data File : VX026000.D
 Acq On : 24 Dec 2021 03:43
 Operator : JC/MD
 Sample : M5171-14ME
 Misc : 6.02g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BGLB0ME

Manual Integrations
 APPROVED

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

Quant Time: Dec 24 06:50:07 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

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	217586	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	202615	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	106213	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	92409	59.890	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 119.780%			
7) Chloroethane-d5	1.648	69	33318	27.020	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 54.040%#			
11) 1,1-Dichloroethene-d2	2.276	63	138609	45.331	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.660%			
21) 2-Butanone-d5	4.495	46	113317	84.707	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery = 84.710%			
24) Chloroform-d	5.062	84	155210	50.265	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.540%			
26) 1,2-Dichloroethane-d4	5.958	65	111835	53.494	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.980%			
32) Benzene-d6	5.970	84	344520	59.075	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 118.140%			
36) 1,2-Dichloropropane-d6	7.312	67	102255	56.406	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 112.820%			
41) Toluene-d8	8.653	98	307595	56.489	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.980%			
43) trans-1,3-Dichloroprop...	8.952	79	27522	34.895	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.780%			
47) 2-Hexanone-d5	9.403	63	98568	105.352	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.350%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	136261	50.975	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.960%			
66) 1,2-Dichlorobenzene-d4	12.323	152	118811	59.196	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 118.400%			
Target Compounds					Qvalue	
13) Acetone	2.422	43	2337	3.195	ug/L	67
22) 2-Butanone	4.593	43	13203m	9.696	ug/L	
52) Ethylbenzene	10.195	91	28552	3.842	ug/L	93
53) m,p-Xylene	10.305	106	3997	1.409	ug/L	97
60) Isopropylbenzene	10.963	105	76774	10.521	ug/L	97
62) 1,3,5-Trimethylbenzene	11.457	105	7015	1.148	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	92205	15.064	ug/L #	80
65) 1,4-Dichlorobenzene	12.043	146	5382	1.642	ug/L #	73
67) 1,2-Dichlorobenzene	12.341	146	16494	5.123	ug/L	94
70) 1,2,4-trichlorobenzene	13.591	180	3212	1.650	ug/L #	61

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

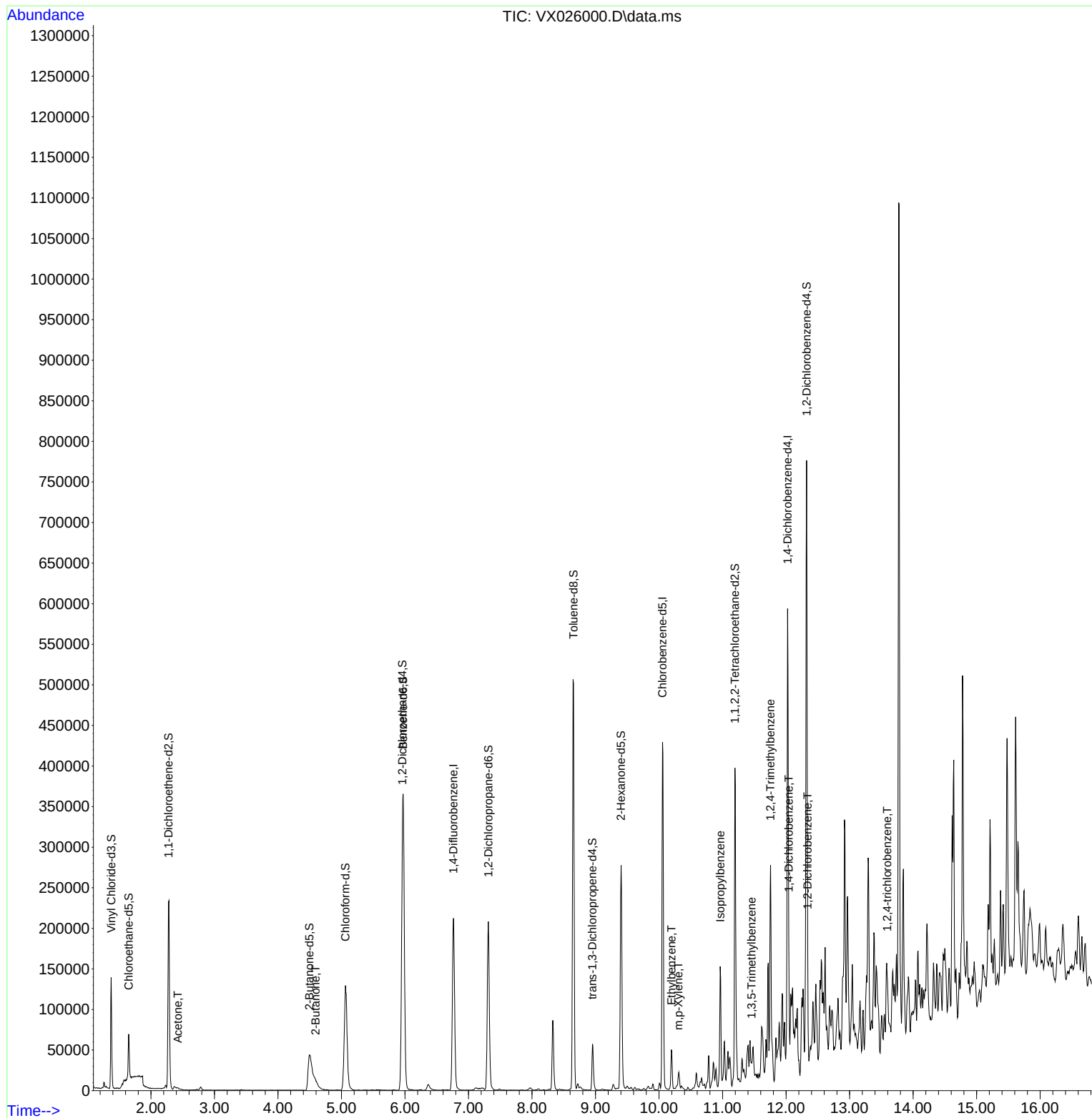
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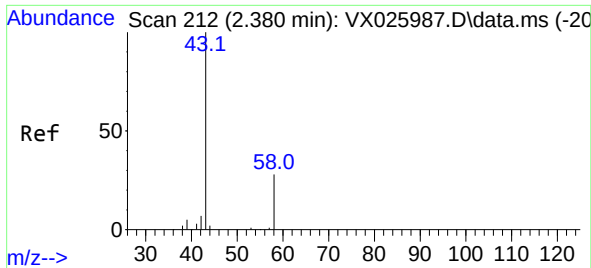
Instrument :
MSVOA_X
ClientSampleId :
BGLB0ME

Quant Time: Dec 24 06:50:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
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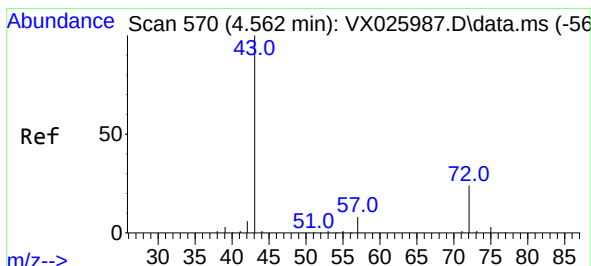
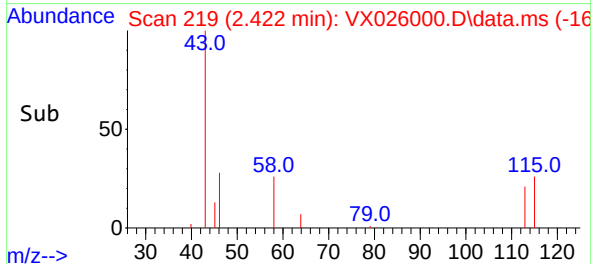
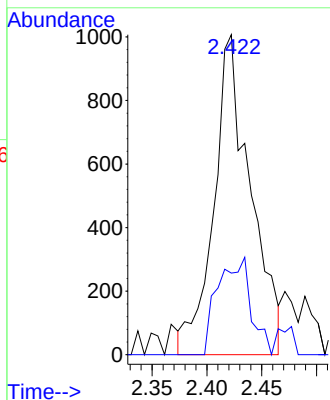
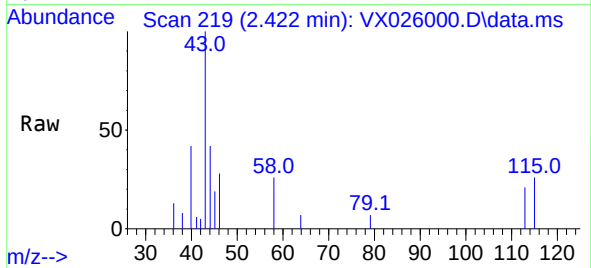
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Acetone
Concen: 3.195 ug/L
RT: 2.422 min Scan# 212
Delta R.T. 0.043 min
Lab File: VX026000.D
Acq: 24 Dec 2021 03:43

Instrument :
MSVOA_X
ClientSampleId :
BGLB0ME

Tgt Ion: 43 Resp: 233
Ion Ratio Lower Upper
43 100
58 14.4 0.0 65.6

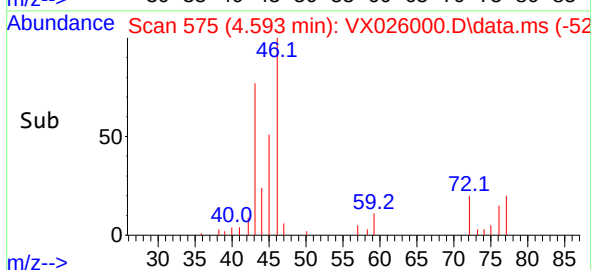
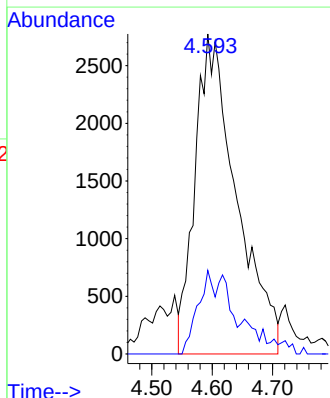
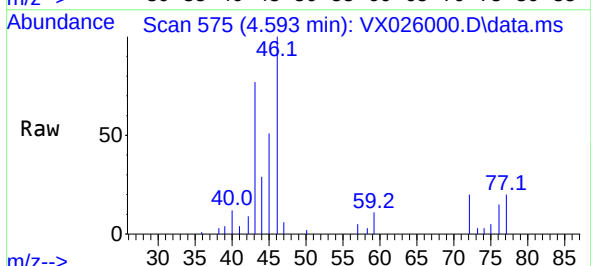
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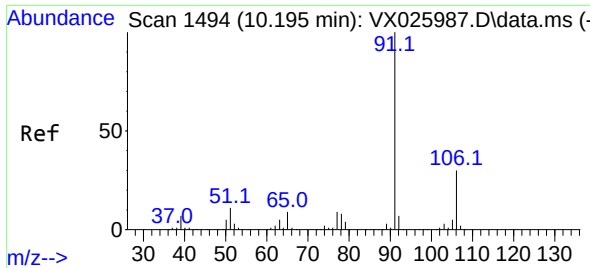
Reviewed By :Semsettin Yesilyurt 12/26/2021
Supervised By :Mahesh Dadoda 12/28/2021



#22
2-Butanone
Concen: 9.696 ug/L m
RT: 4.593 min Scan# 575
Delta R.T. 0.030 min
Lab File: VX026000.D
Acq: 24 Dec 2021 03:43

Tgt Ion: 43 Resp: 13203
Ion Ratio Lower Upper
43 100
72 10.5 13.8 41.3#





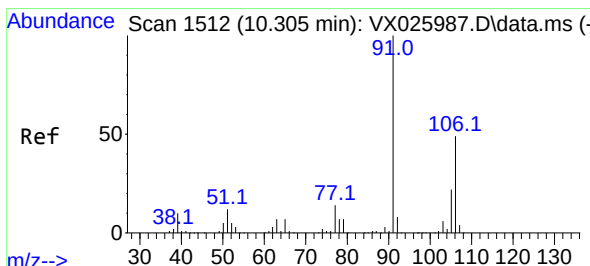
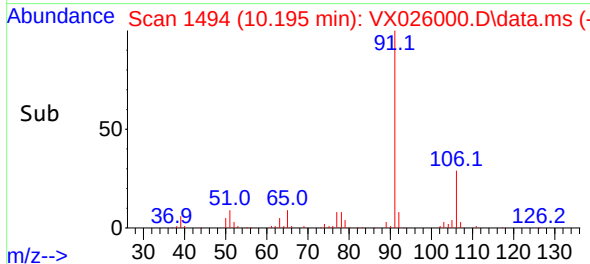
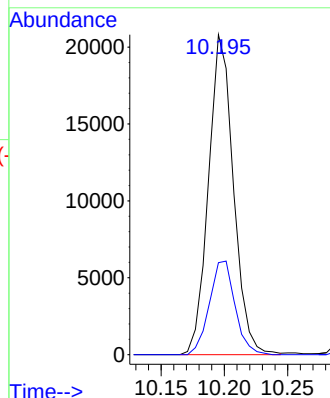
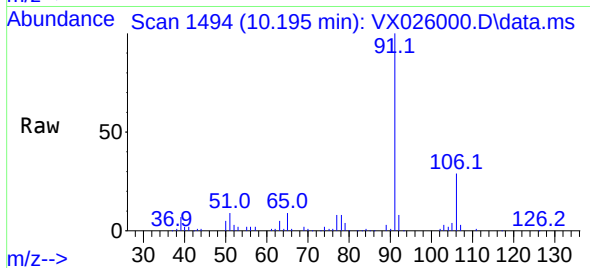
#52
Ethylbenzene
Concen: 3.842 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX026000.D
Acq: 24 Dec 2021 03:43

Instrument :
MSVOA_X
ClientSampleId :
BGLB0ME

Tgt Ion: 91 Resp: 2855
Ion Ratio Lower Upper
91 100
106 28.8 23.1 42.9

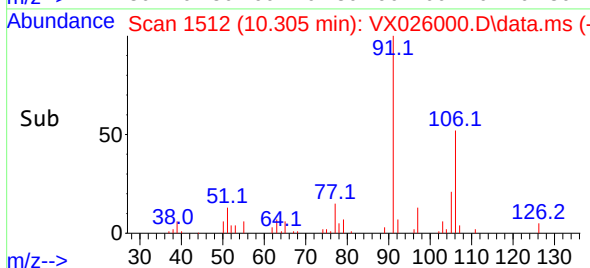
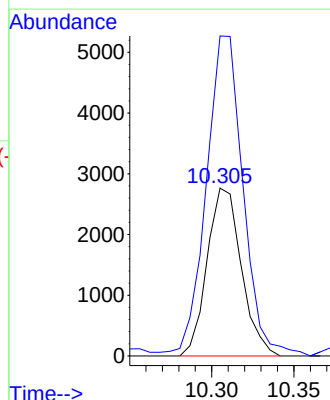
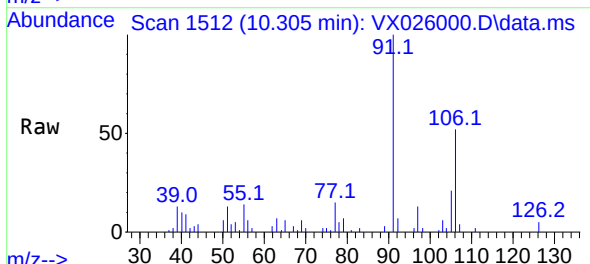
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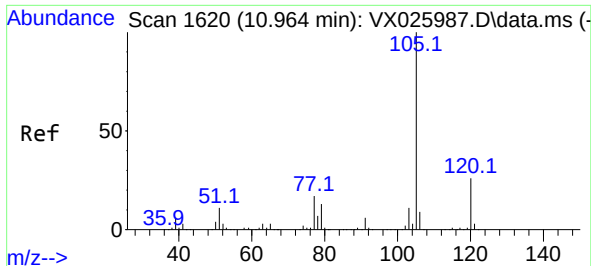
Reviewed By :Semsettin Yesilyurt 12/26/2021
Supervised By :Mahesh Dadoda 12/28/2021



#53
m,p-Xylene
Concen: 1.409 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX026000.D
Acq: 24 Dec 2021 03:43

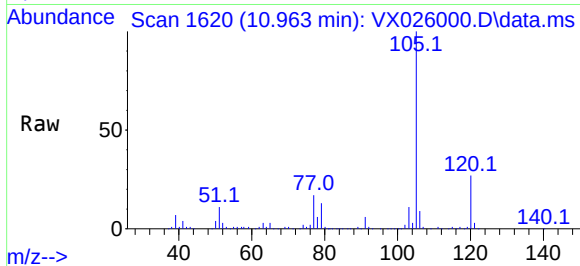
Tgt Ion:106 Resp: 3997
Ion Ratio Lower Upper
106 100
91 190.6 136.8 254.2





#60
Isopropylbenzene
Concen: 10.521 ug/L
RT: 10.963 min Scan# 105
Delta R.T. -0.000 min
Lab File: VX026000.D
Acq: 24 Dec 2021 03:43

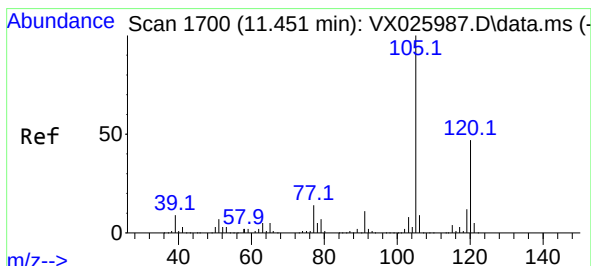
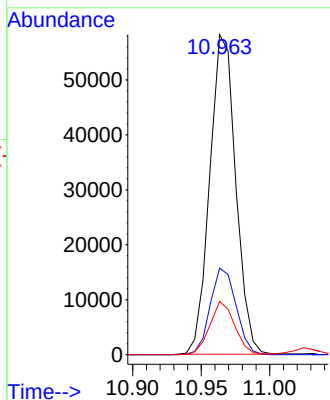
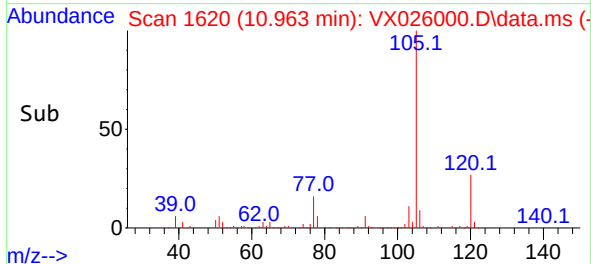
Instrument :
MSVOA_X
ClientSampleId :
BGLB0ME



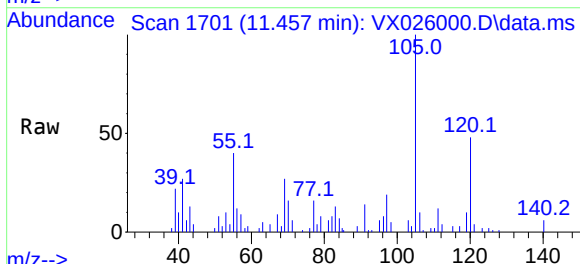
Tgt Ion:105 Resp: 76774
Ion Ratio Lower Upper
105 100
120 26.9 22.3 33.5
77 16.1 11.5 17.3

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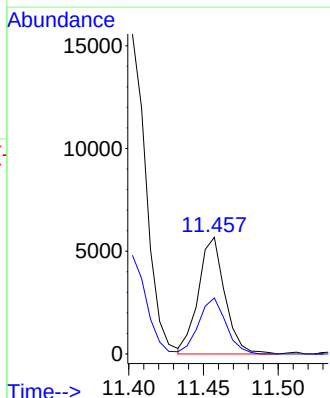
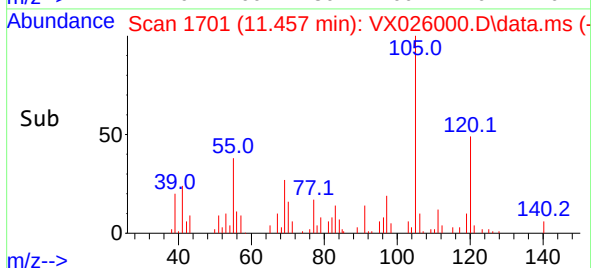
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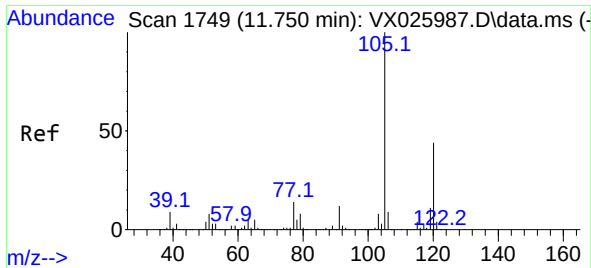


#62
1,3,5-Trimethylbenzene
Concen: 1.148 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX026000.D
Acq: 24 Dec 2021 03:43



Tgt Ion:105 Resp: 7015
Ion Ratio Lower Upper
105 100
120 49.2 41.0 61.4





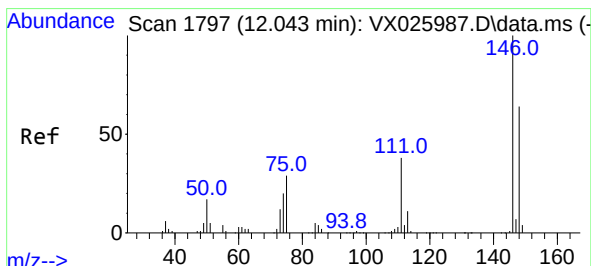
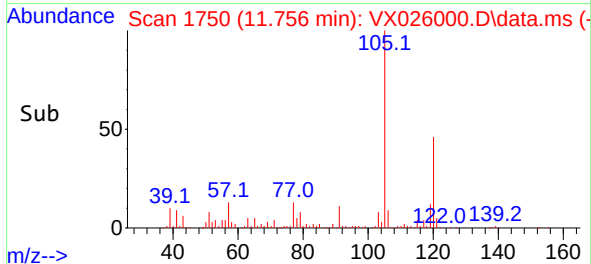
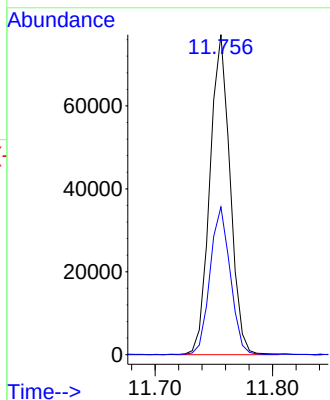
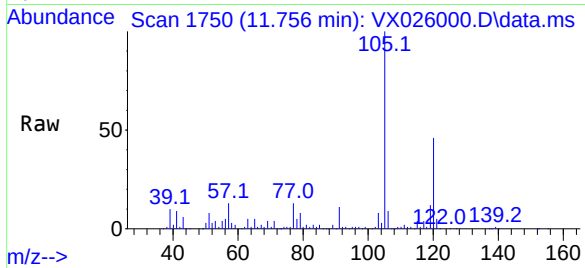
#63
1,2,4-Trimethylbenzene
Concen: 15.064 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX026000.D
Acq: 24 Dec 2021 03:43

Instrument :
MSVOA_X
ClientSampleId :
BGLB0ME

Tgt Ion:105 Resp: 92209
Ion Ratio Lower Upper
105 100
120 46.2 0.1 0.1

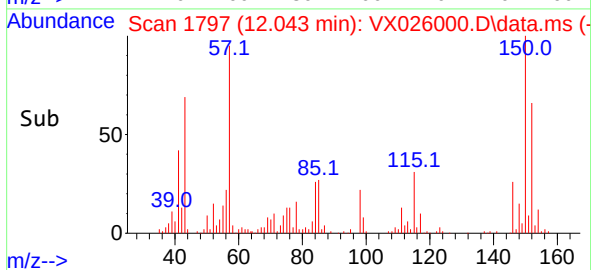
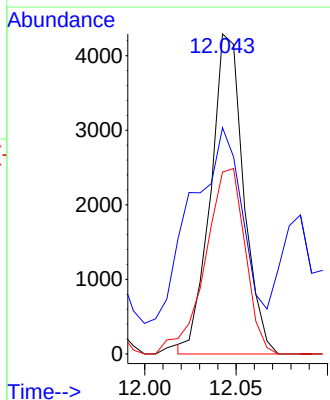
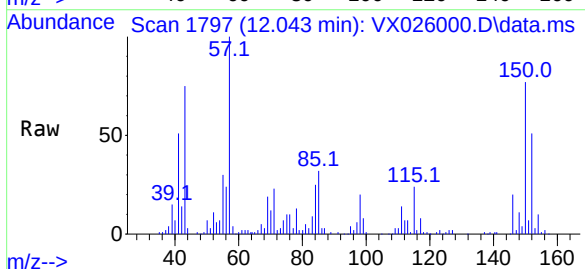
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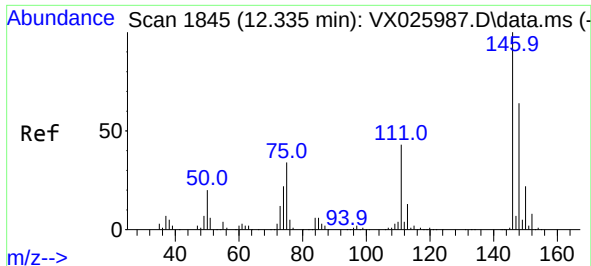
Reviewed By :Semsettin Yesilyurt 12/26/2021
Supervised By :Mahesh Dadoda 12/28/2021



#65
1,4-Dichlorobenzene
Concen: 1.642 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX026000.D
Acq: 24 Dec 2021 03:43

Tgt Ion:146 Resp: 5382
Ion Ratio Lower Upper
146 100
111 70.7 26.5 49.3#
148 56.9 45.5 84.5





#67

1,2-Dichlorobenzene

Concen: 5.123 ug/L

RT: 12.341 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX026000.D

Acq: 24 Dec 2021 03:43

Instrument :

MSVOA_X

ClientSampleId :

BGLB0ME

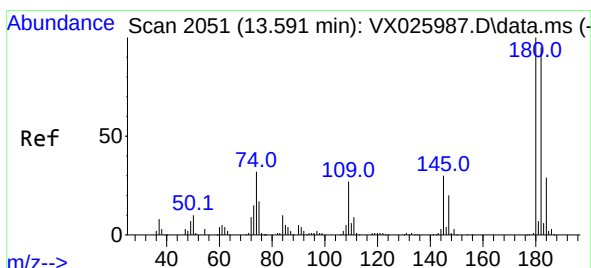
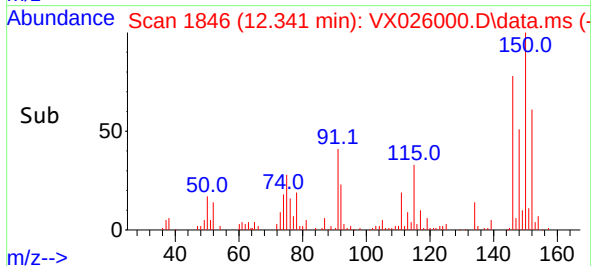
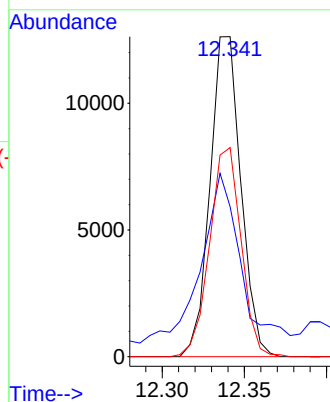
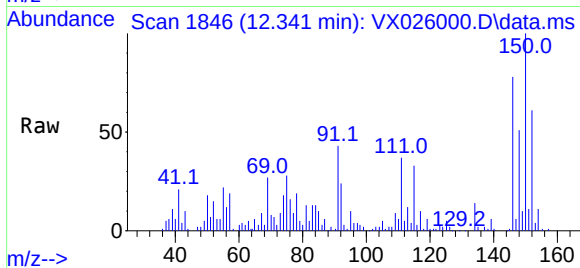
Tgt Ion:146	Resp:	1649
Ion Ratio	Lower	Upper
146	100	
111	46.9	32.3 48.5
148	65.4	50.3 75.5

Manual Integrations

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#70

1,2,4-trichlorobenzene

Concen: 1.650 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX026000.D

Acq: 24 Dec 2021 03:43

Tgt Ion:180	Resp:	3212
Ion Ratio	Lower	Upper
180	100	
182	91.1	78.2 117.4
145	108.7	24.7 37.1#

