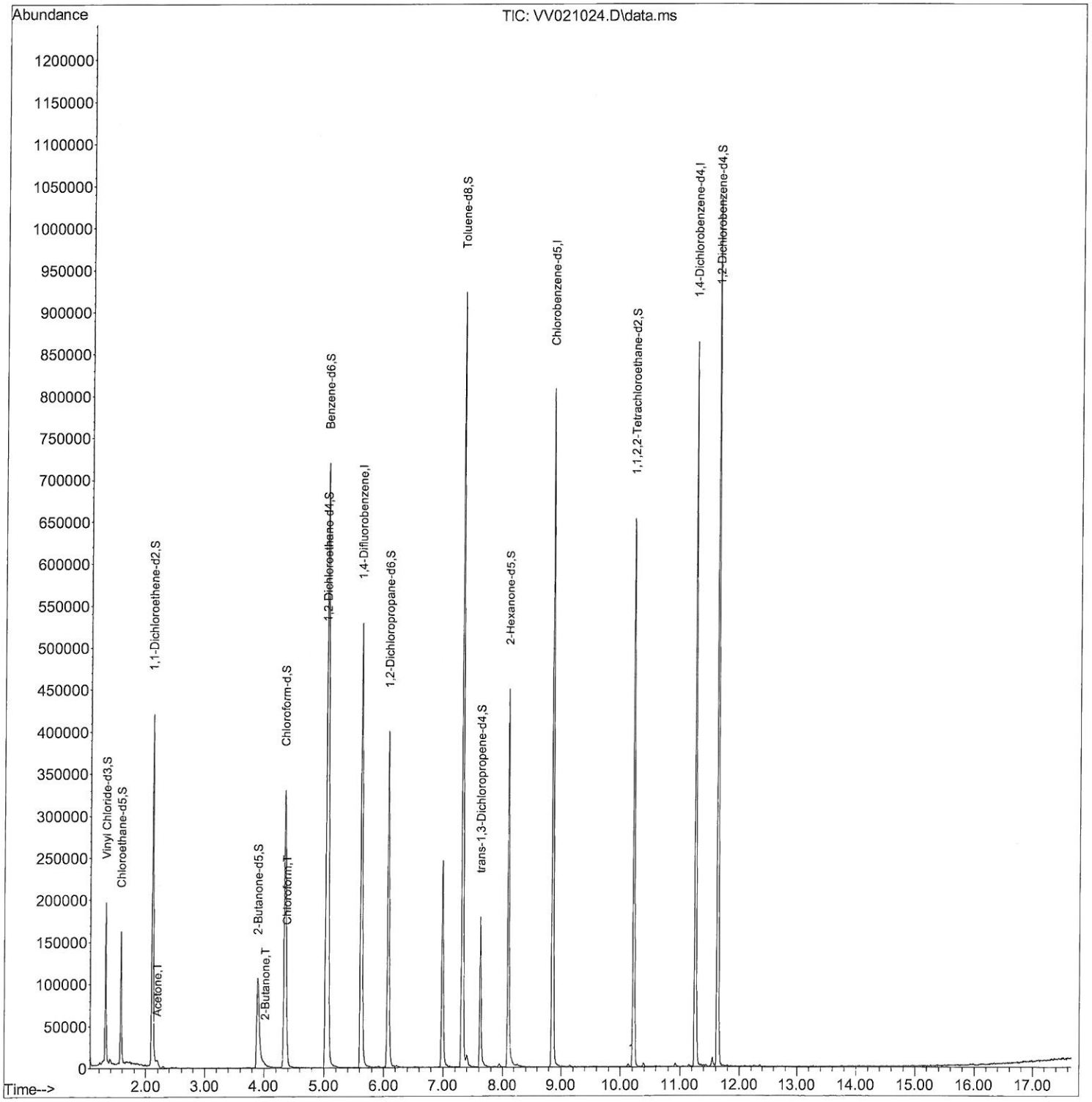
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041521\
Data File : VV021024.D
Acq On : 15 Apr 2021 13:01
Operator : SY/MD
Sample : M2031-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 16 03:03:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041421WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 15 01:36:39 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BG540

Manual Integrations APPROVED
MMDadoda
4/16/2021 12:47:15 PM



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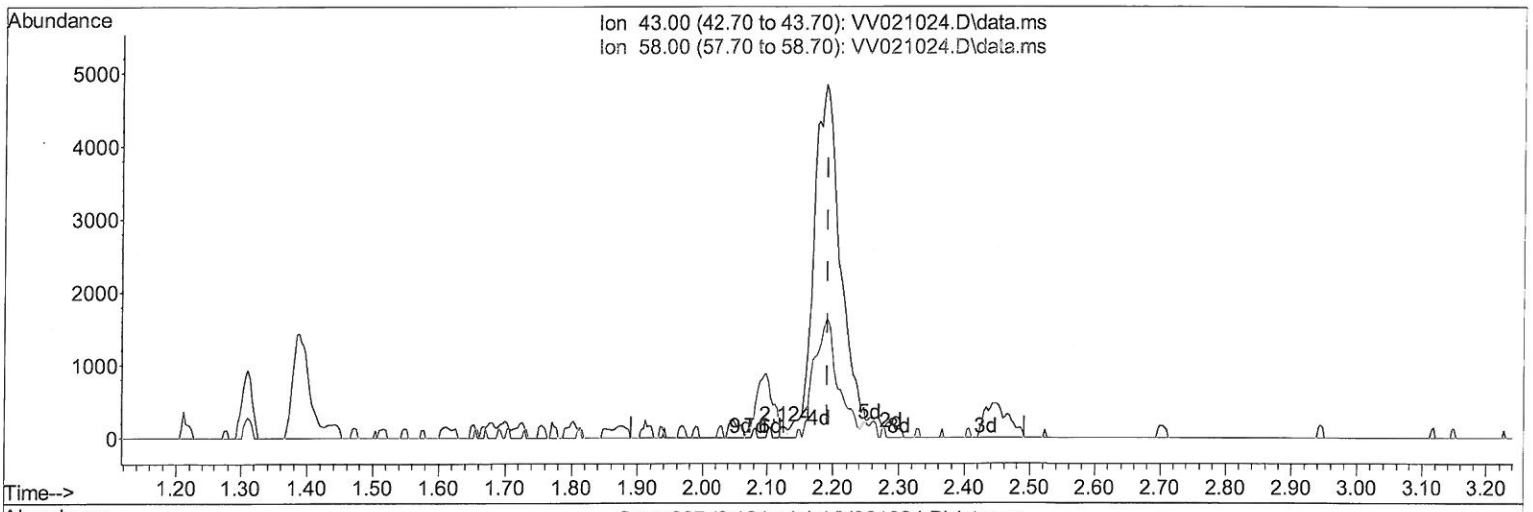

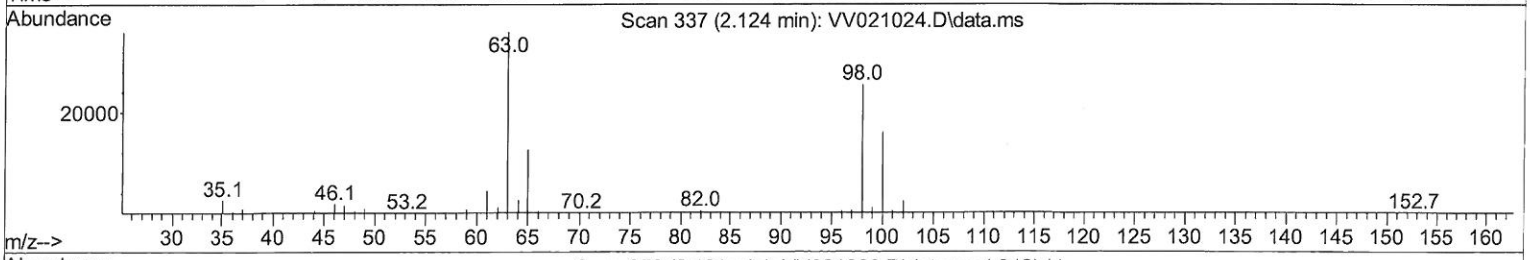

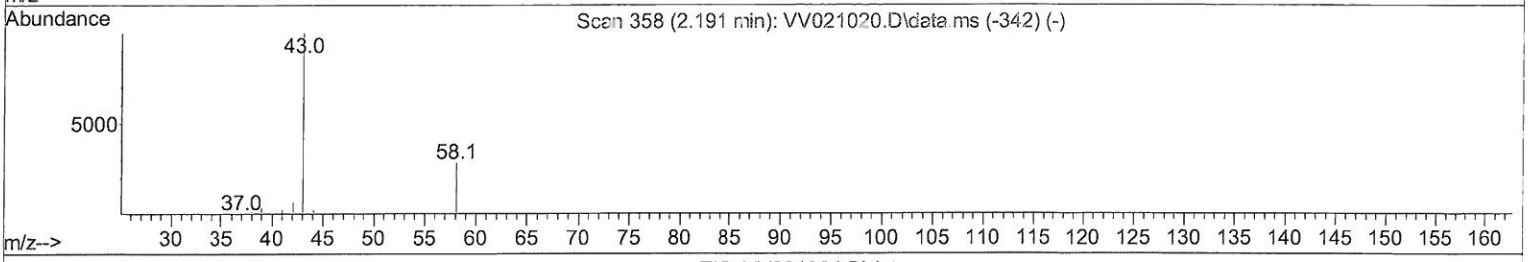

TIC: VV021024.D\data.ms

(13) Acetone (T)

2.124min (-0.067) 0.07 ug/L

response 103

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	30.90	39.81
0.00	0.00	0.00
0.00	0.00	0.00

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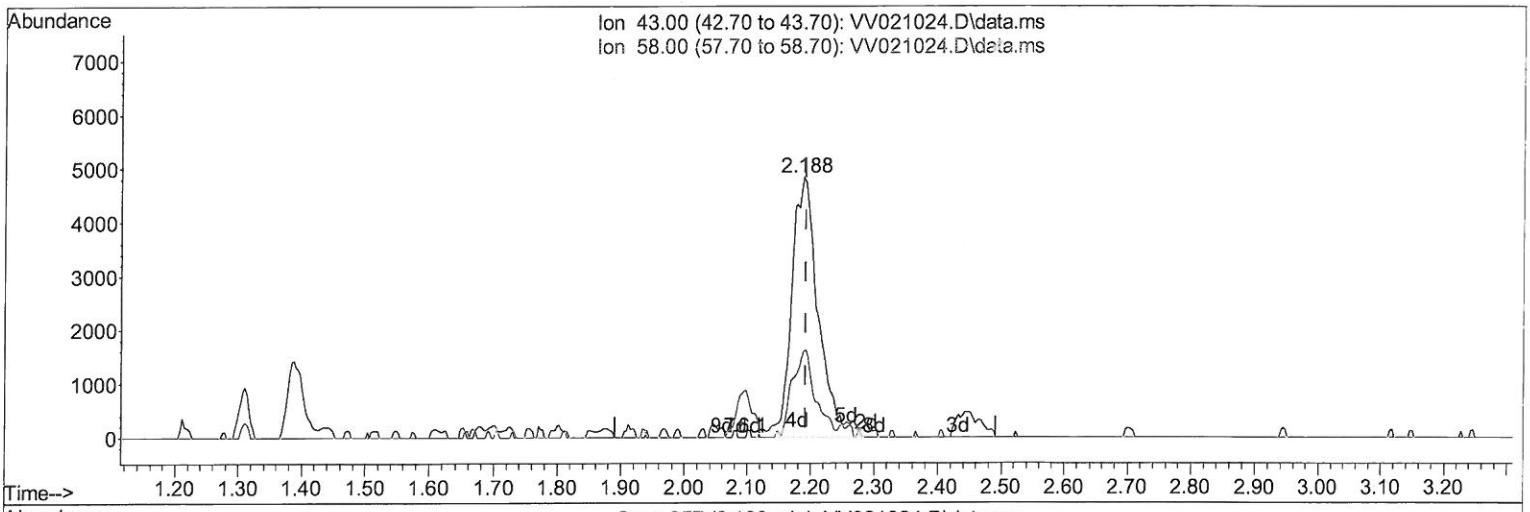

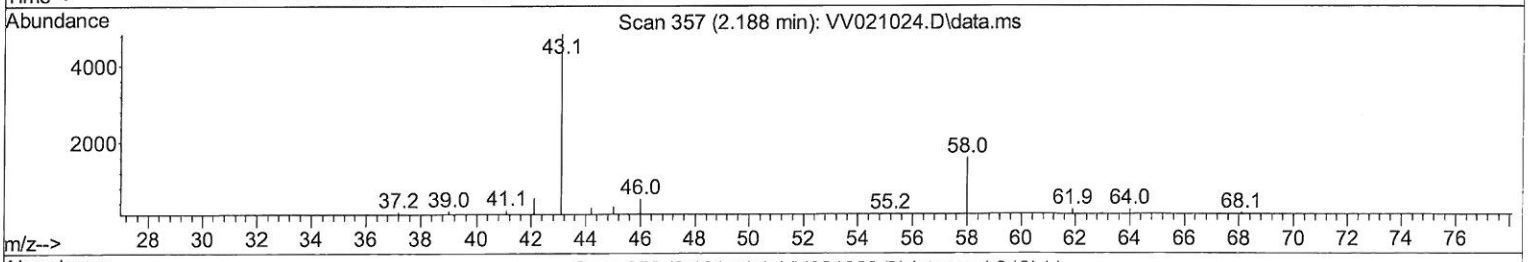

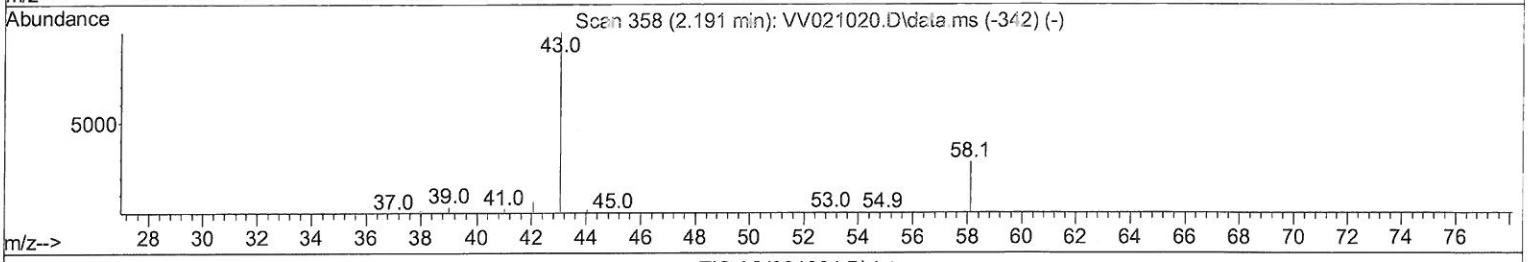

TIC: VV021024.D\data.ms

(13) Acetone (T)

2.188min (-0.003) 10.09 ug/L m

response 14413

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	30.90	0.28
0.00	0.00	0.00
0.00	0.00	0.00

MD 4/20/21

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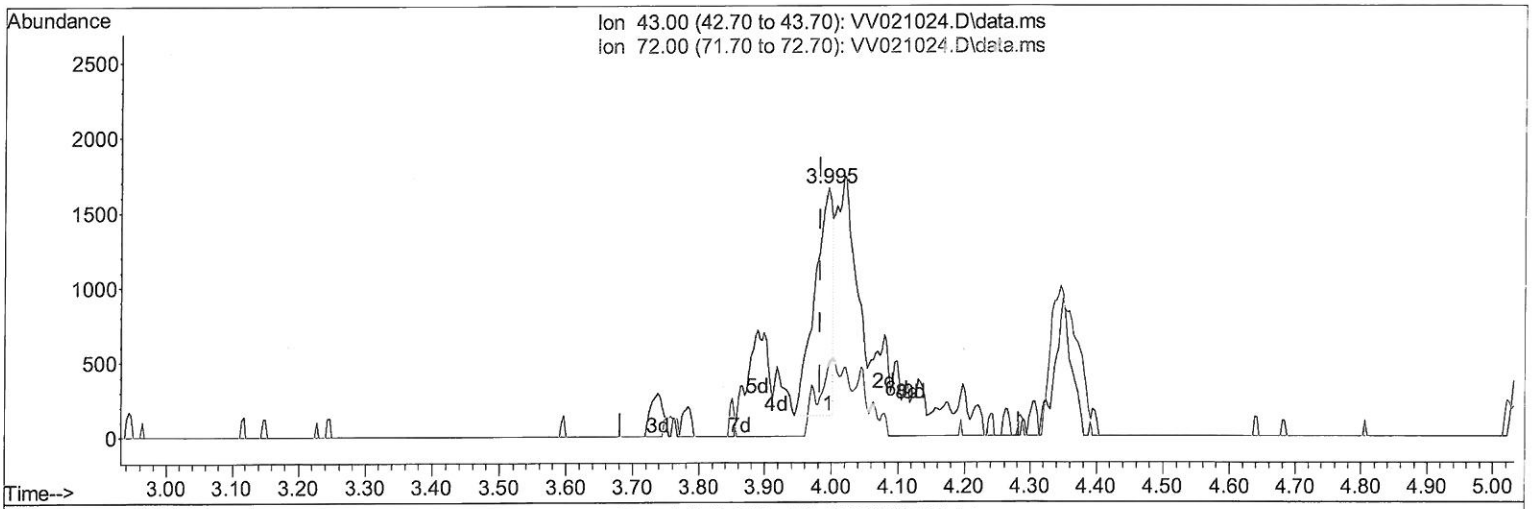

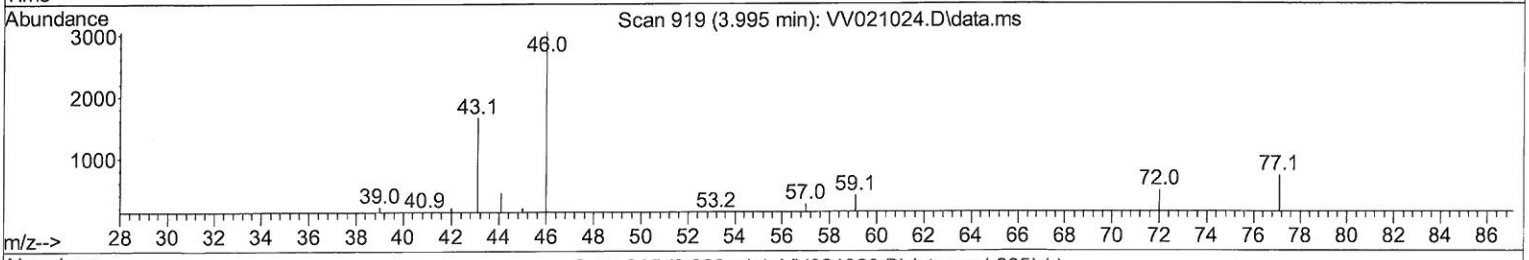

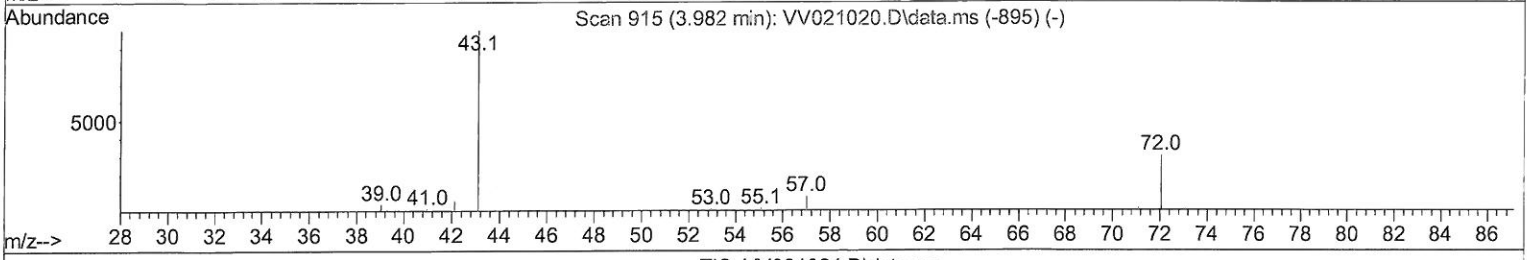

TIC: VV021024.D\data.ms

(22) 2-Butanone (T)

3.995min (+ 0.013) 1.65 ug/L

response 2876

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	29.40	15.58
0.00	0.00	0.00
0.00	0.00	0.00

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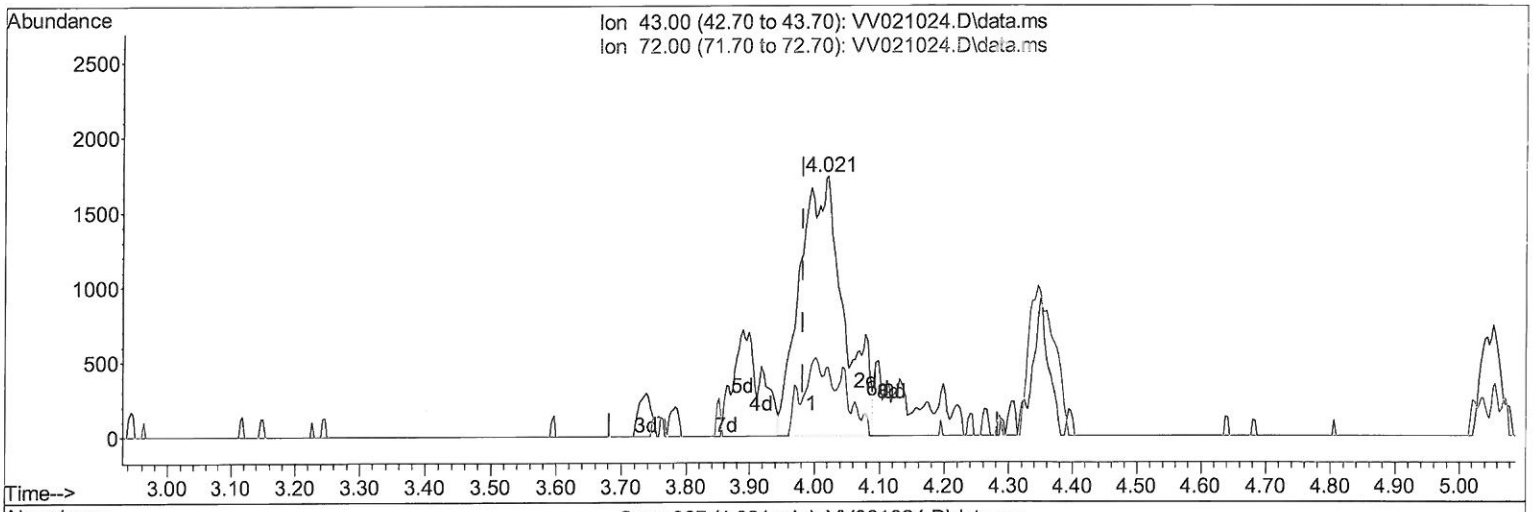
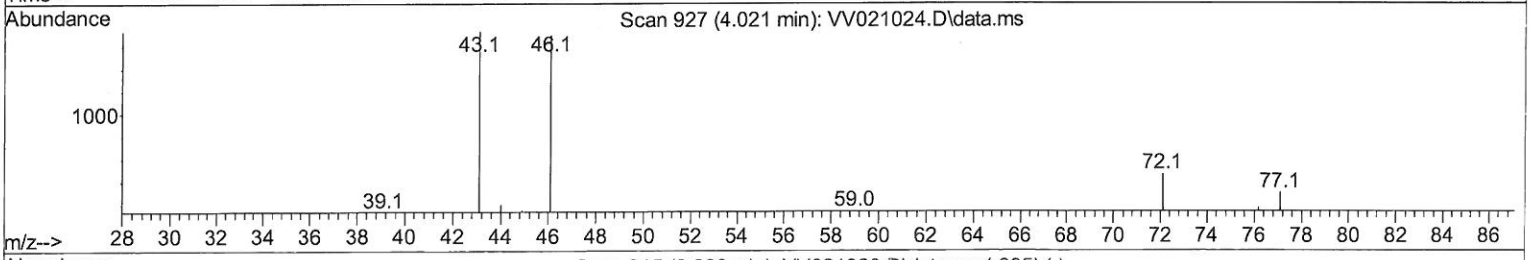
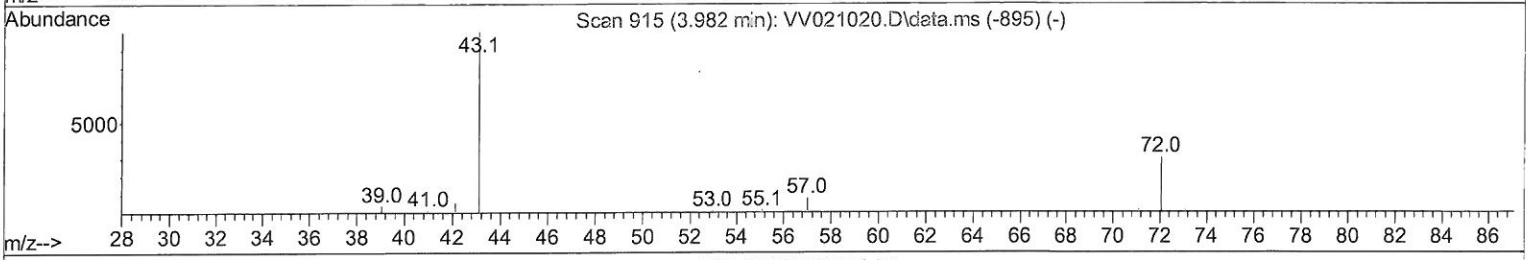
4/16/2021 12:47:15 PM







TIC: VV021024.D\data.ms

(22) 2-Butanone (T)

4.021min (+ 0.039) 4.71 ug/L m → MD 4/20/21

response 8217

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	29.40	5.45#
0.00	0.00	0.00
0.00	0.00	0.00

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Manual Integrations APPROVED
MMDadoda
4/16/2021 12:47:15 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	476730	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	466917	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	232914	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	122694	47.31	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.62%			
7) Chloroethane-d5	1.571	69	103338	50.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.38%			
11) 1,1-Dichloroethene-d2	2.108	63	206412	37.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.20%			
21) 2-Butanone-d5	3.892	46	186436	109.31	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.31%			
24) Chloroform-d	4.349	84	340599	52.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.80%			
26) 1,2-Dichloroethane-d4	5.031	65	242254	55.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.34%			
32) Benzene-d6	5.050	84	623544	54.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.18%			
36) 1,2-Dichloropropane-d6	6.072	67	178335	55.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 111.44%			
41) Toluene-d8	7.317	98	605913	53.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.08%			
43) trans-1,3-Dichloroprop...	7.622	79	107288	54.40	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 108.80%			
47) 2-Hexanone-d5	8.092	63	158977	115.65	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 115.65%			
56) 1,1,2,2-Tetrachloroeth...	10.220	84	271991	52.44	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.88%			
66) 1,2-Dichlorobenzene-d4	11.632	152	277200	58.30	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 116.60%			
Target Compounds						Qvalue
13) Acetone	2.188	43	14413m	10.09	ug/L	
22) 2-Butanone	4.021	43	8217m	4.71	ug/L	
25) Chloroform	4.375	83	14983	2.26	ug/L	100

MD 4/20/21

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