Quantitation Report (QT Reviewed)

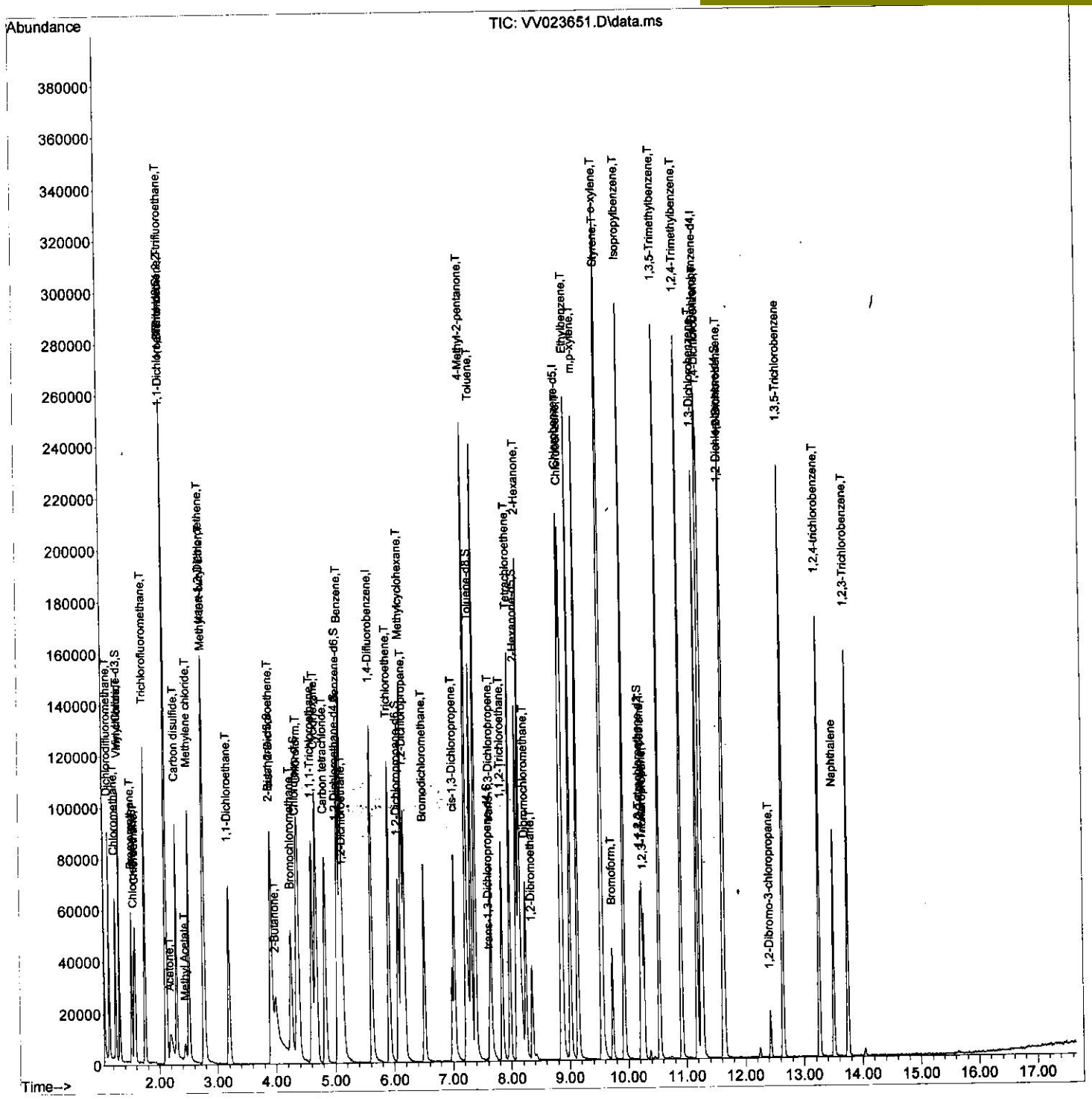
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111921\
Data File : VV023651.D
Acq On : 19 Nov 2021 18:15
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 22 01:50:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 22 01:44:25 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005EC

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/22/2021



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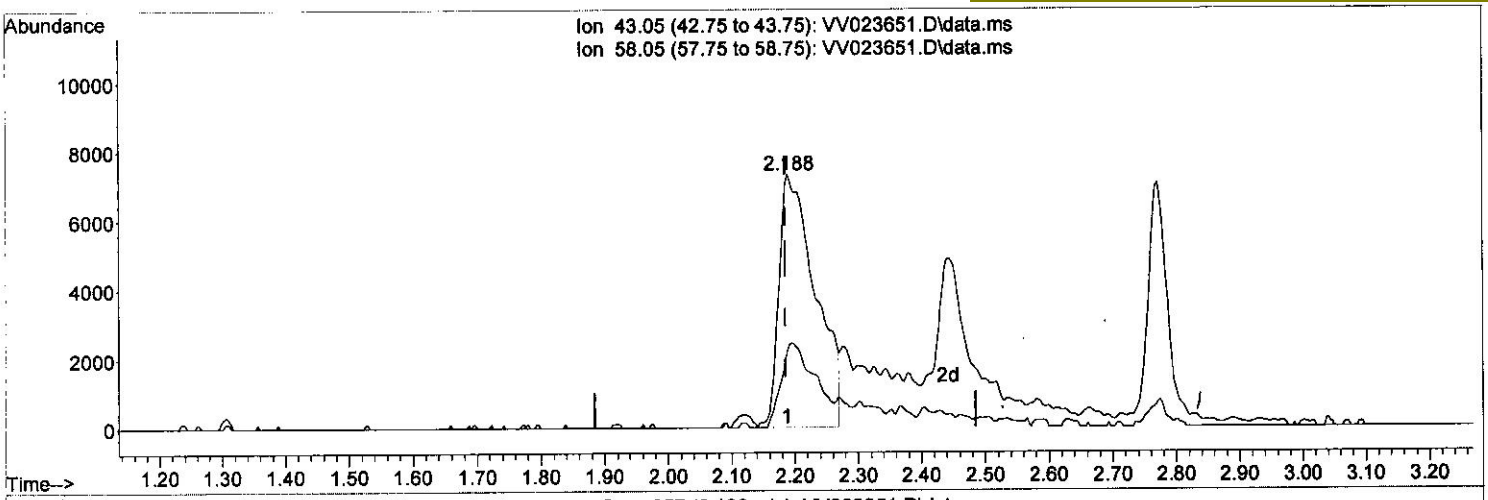

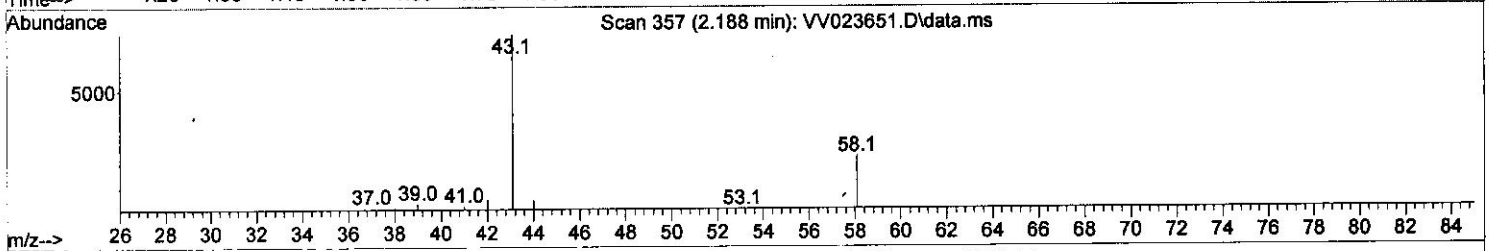

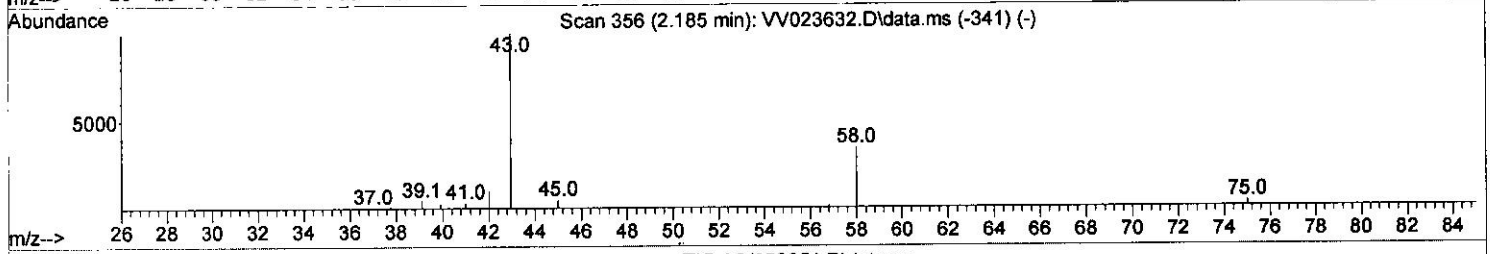

TIC: VV023651.D\data.ms

(13) Acetone (T)

2.188min (+ 0.003) 38.44 ug/L

response 29281

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.70	31.15
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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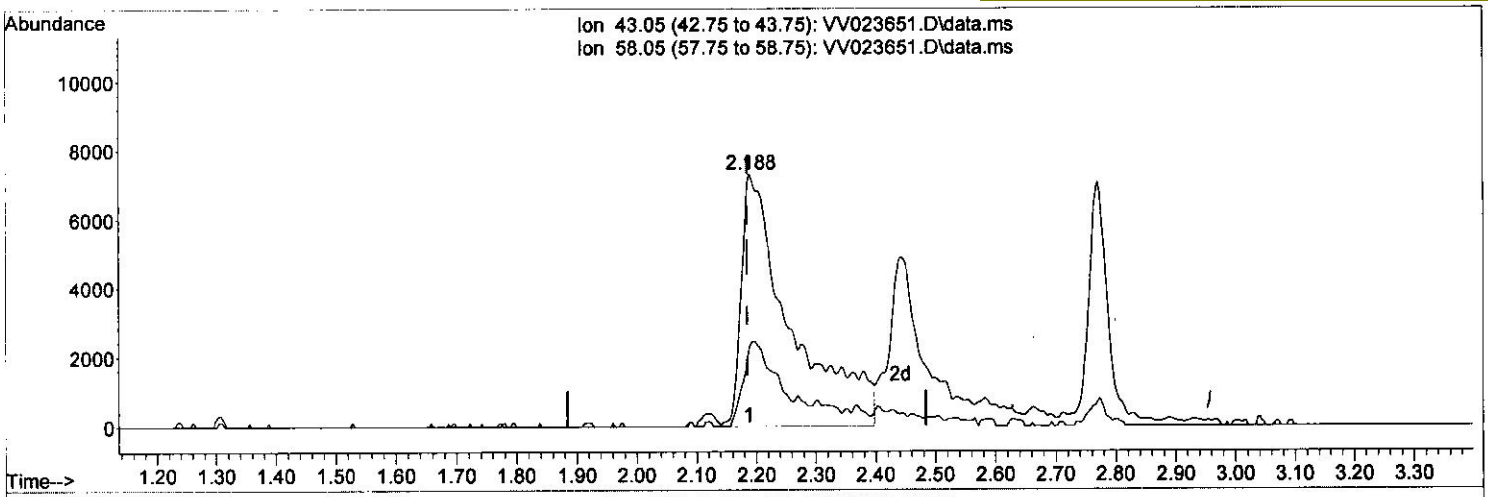

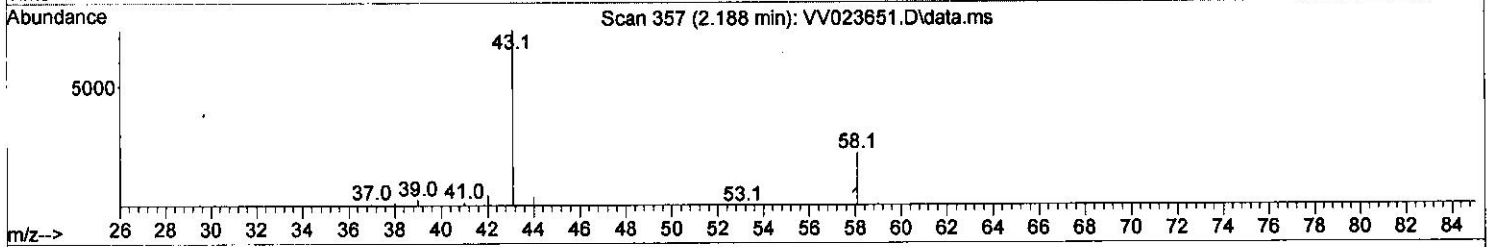

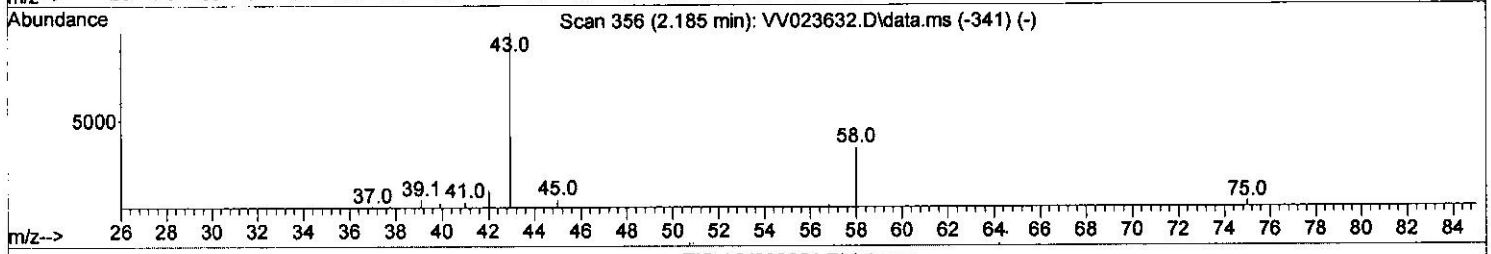

TIC: VV023651.D\data.ms

(13) Acetone (T)

2.188min (+ 0.003) 55.04 ug/L m

11/22/21

response 41930

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.70	21.75
0.00	0.00	0.00
0.00	0.00	0.00

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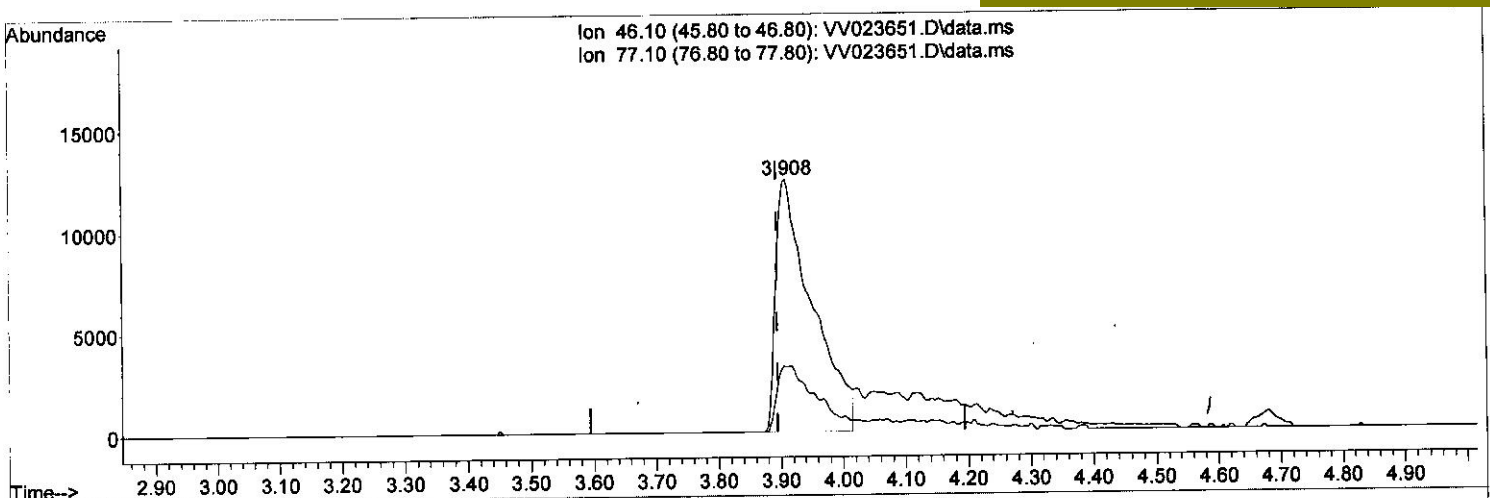

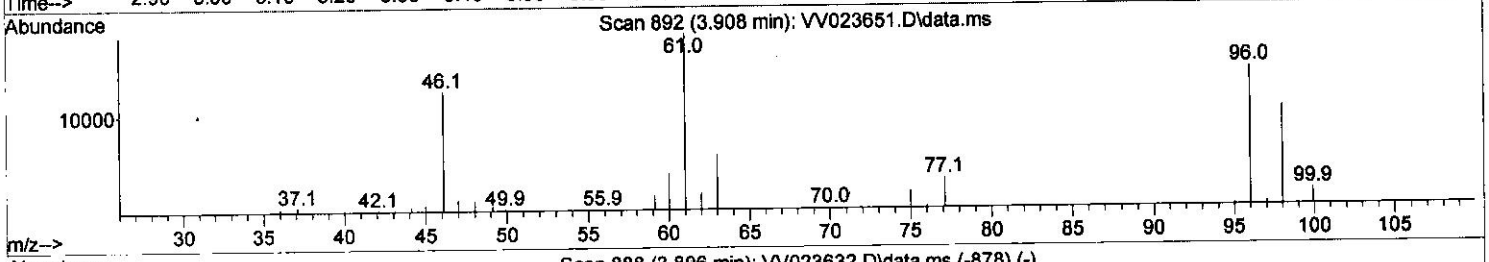

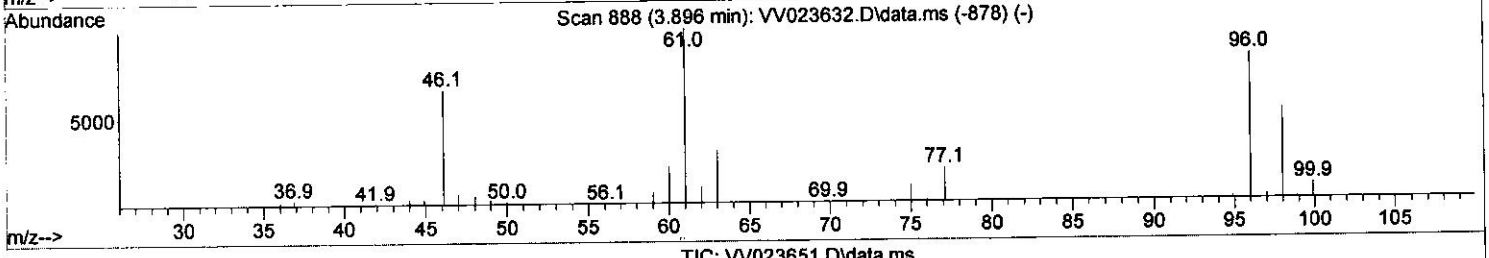

TIC: VV023651.D\data.ms

(20) 2-Butanone-d5 (S)

3.908min (+ 0.013) 40.32 ug/L

response 50271

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.30	26.51
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Quant Title : TRACE VOA SFAM1.0
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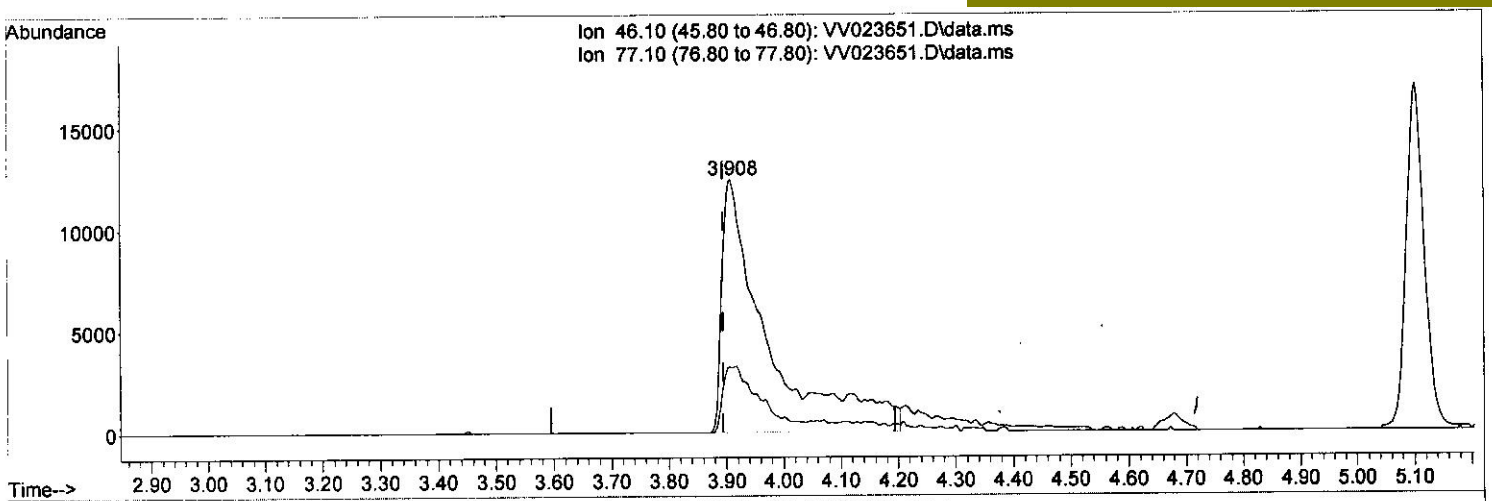
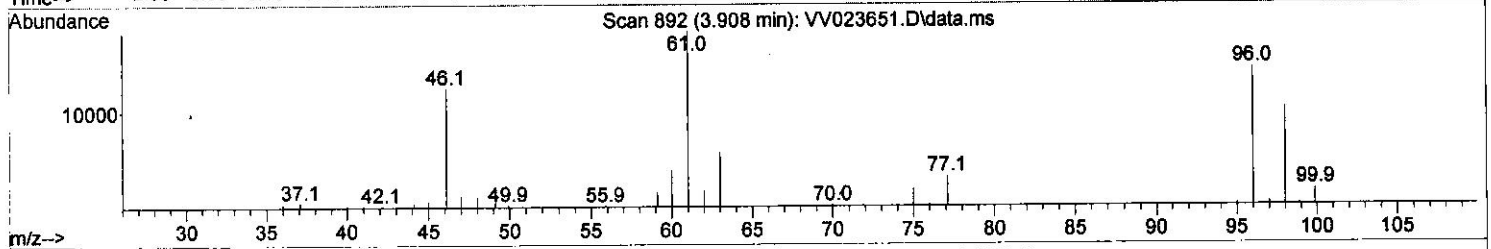
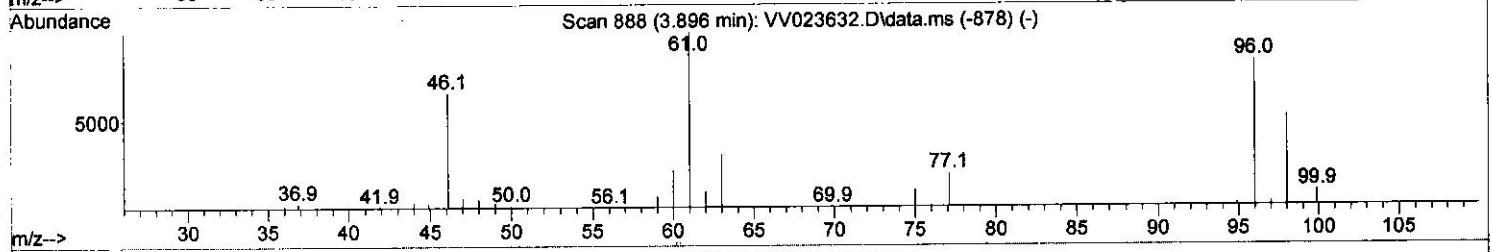
Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005EC

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/22/2021







TIC: VV023651.D\data.ms

(20) 2-Butanone-d5 (S)

3.908min (+ 0.013) 55.23 ug/L m JMD 11/22/21

response 68857

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.30	19.35
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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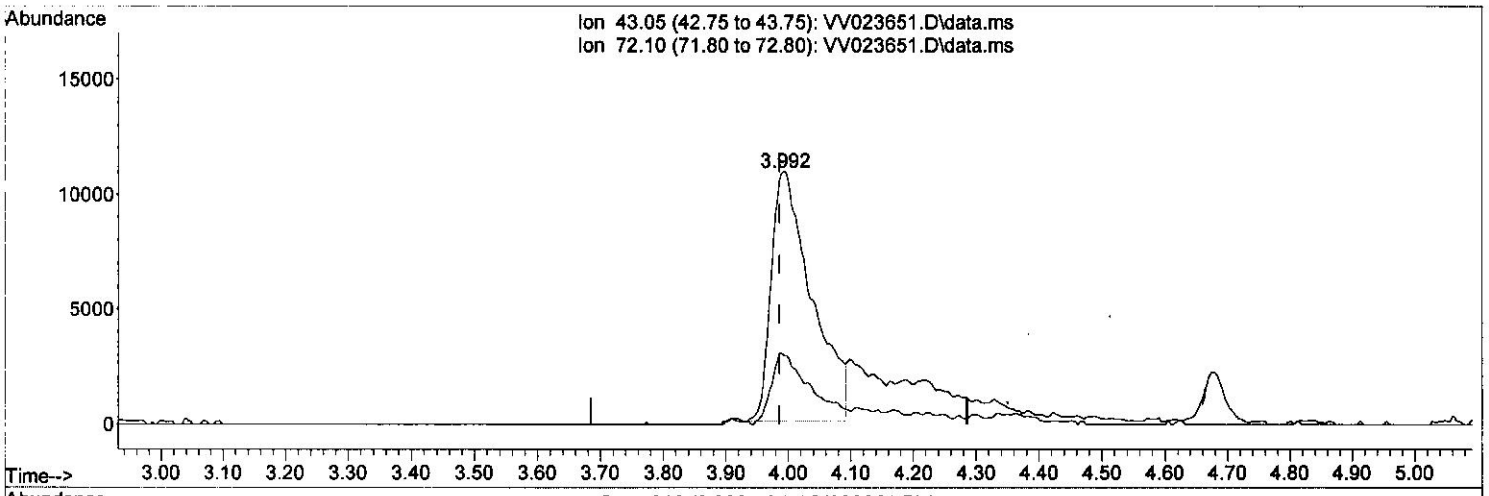

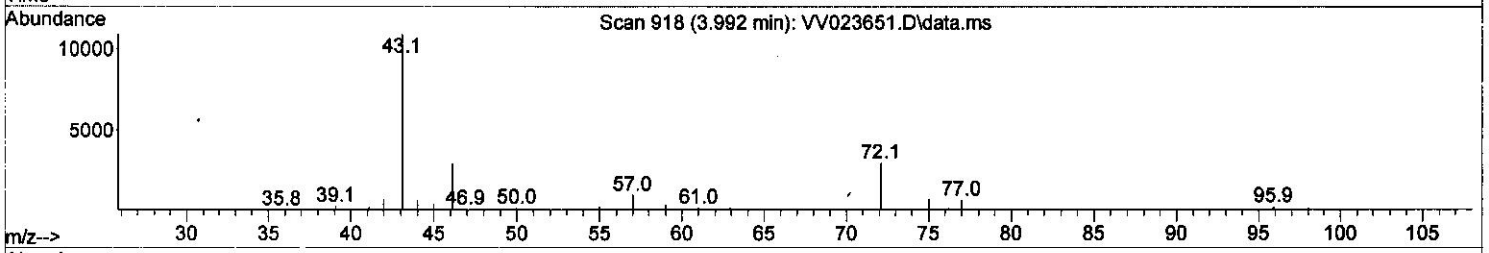

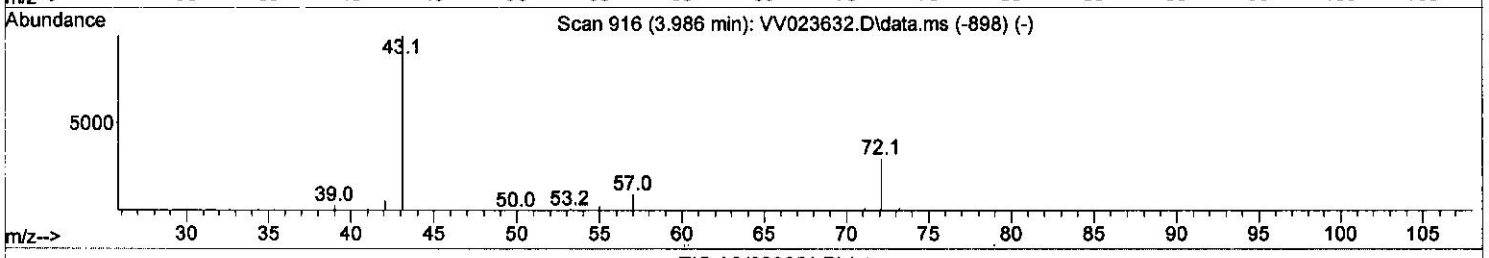

TIC: VV023651.D\data.ms

(21) 2-Butanone (T)

3.992min (+ 0.006) 39.90 ug/L

response 49138

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	23.90	28.62
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
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Instrument :
MSVOA_V
LabSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/22/2021
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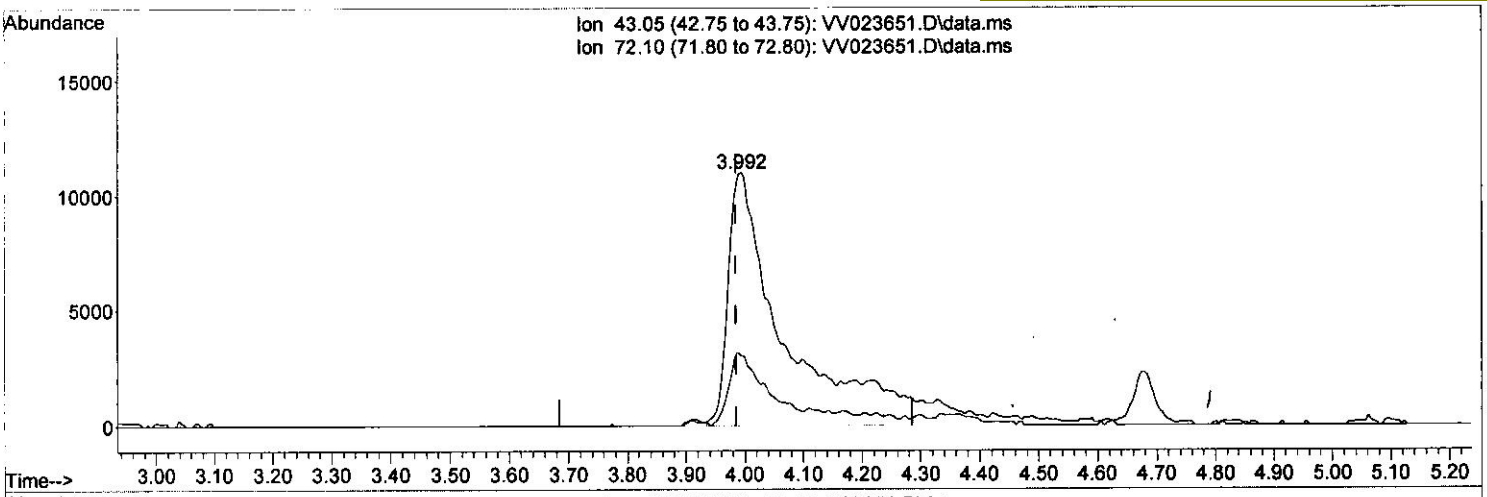

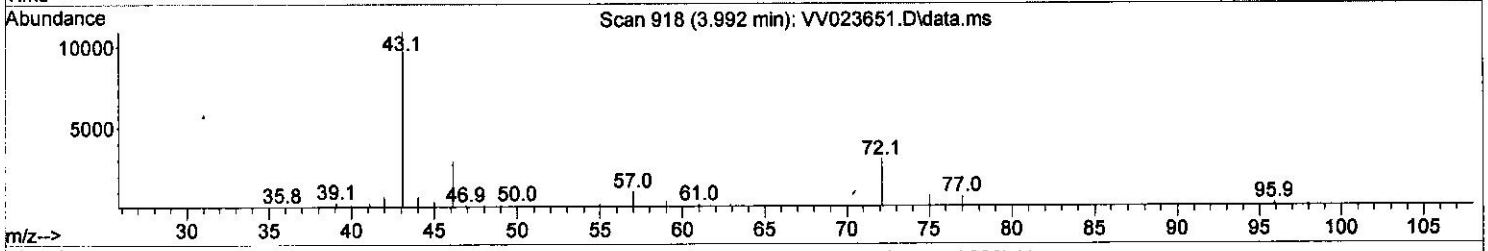

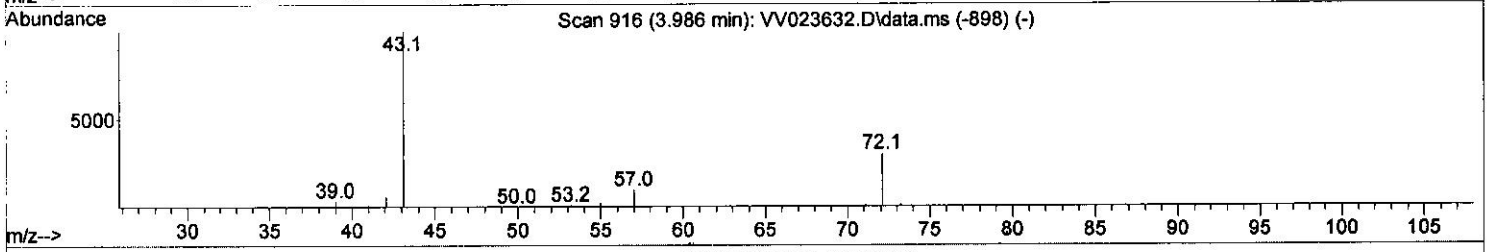

TIC: VV023651.D\data.ms

(21) 2-Butanone (T)

3.992min (+ 0.006) 55.12 ug/L m 11/24/21

response 67893

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	23.90	20.72
0.00	0.00	0.00
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	115519	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	115630	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63892	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	26011	3.594	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 71.800%			
7) Chloroethane-d5	1.568	69	23115	3.919	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.400%			
11) 1,1-Dichloroethene-d2	2.111	63	54233	4.003	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.000%			
20) 2-Butanone-d5	3.908	46	68857m	55.228	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.460%			
24) Chloroform-d	4.349	84	63312	4.105	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.200%			
26) 1,2-Dichloroethane-d4	5.034	65	30084	4.338	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.800%			
32) Benzene-d6	5.050	84	107464	3.622	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 72.400%			
36) 1,2-Dichloropropane-d6	6.072	67	33189	3.800	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 76.000%			
41) Toluene-d8	7.317	98	99207	3.568	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 71.400%			
43) trans-1,3-Dichloroprop...	7.625	79	12905	3.897	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.000%			
46) 2-Hexanone-d5	8.091	63	55788	45.787	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.580%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28081	4.471	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.400%			
66) 1,2-Dichlorobenzene-d4	11.625	152	41577	3.908	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 78.200%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	47088	4.180	ug/L	100
3) Chloromethane	1.240	50	40829	4.263	ug/L	96
5) Vinyl chloride	1.310	62	42760	4.471	ug/L	99
6) Bromomethane	1.523	94	22839	3.736	ug/L	97
8) Chloroethane	1.584	64	26131	4.734	ug/L	97
9) Trichlorofluoromethane	1.754	101	71468	4.973	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	36766	5.082	ug/L	96
12) 1,1-Dichloroethene	2.117	96	33584	4.875	ug/L	88
13) Acetone	2.188	43	41930m	55.040	ug/L	
14) Carbon disulfide	2.294	76	101855	3.918	ug/L	99
15) Methyl Acetate	2.442	43	9024	4.185	ug/L	92
16) Methylene chloride	2.507	84	39571	3.936	ug/L	93
17) Methyl tert-butyl Ether	2.770	73	74199	4.893	ug/L	95
18) trans-1,2-Dichloroethene	2.761	96	37657	4.447	ug/L	97
19) 1,1-Dichloroethane	3.191	63	68764	4.809	ug/L	98
21) 2-Butanone	3.992	43	67893m	55.123	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	39146	4.803	ug/L #	91
23) Bromochloromethane	4.252	128	18944	5.041	ug/L #	75

MD 11/22/21

MD 11/22/21

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LabSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/22/2021
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
25) Chloroform	4.378	83	75542	4.957 ug/L	100
27) 1,2-Dichloroethane	5.133	62	41578	5.129 ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	69281	4.933 ug/L	99
30) Cyclohexane	4.677	56	52462	4.169 ug/L	94
31) Carbon tetrachloride	4.828	117	62319	4.941 ug/L	98
33) Benzene	5.101	78	152710	4.725 ug/L	100
34) Trichloroethene	5.915	95	40517	4.714 ug/L	97
35) Methylcyclohexane	6.130	83	58867	4.340 ug/L	96
37) 1,2-Dichloropropane	6.172	63	36398	4.824 ug/L	99
38) Bromodichloromethane	6.510	83	51582	5.102 ug/L	97
39) cis-1,3-Dichloropropene	7.030	75	49780	4.587 ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	190006	54.298 ug/L	98
42) Toluene	7.387	91	172009	4.976 ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	44172	4.906 ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	27158	5.010 ug/L	98
47) Tetrachloroethene	7.976	164	35665	4.788 ug/L	98
48) 2-Hexanone	8.143	43	135099	55.098 ug/L	96
49) Dibromochloromethane	8.246	129	35902	5.227 ug/L	96
50) 1,2-Dibromoethane	8.352	107	24780	4.932 ug/L	97
51) Chlorobenzene	8.882	112	109917	4.784 ug/L	99
52) Ethylbenzene	9.011	91	174798	4.794 ug/L	100
53) m,p-xylene	9.140	106	70147	4.903 ug/L	98
54) o-xylene	9.545	106	66556	4.958 ug/L	99
55) Styrene	9.561	104	118140	5.138 ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	30468	5.130 ug/L	99
59) Bromoform	9.731	173	20091	5.265 ug/L	99
60) Isopropylbenzene	9.931	105	181336	4.946 ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	21620	5.094 ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	147781	4.861 ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	149715	4.948 ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	92513	4.938 ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	90930	4.753 ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	82860	4.943 ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	4509	4.987 ug/L	99
69) 1,3,5-Trichlorobenzene	12.644	180	69253	4.721 ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	52348	4.457 ug/L	99
71) Naphthalene	13.503	128	70952	4.097 ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	48679	4.737 ug/L	97

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