Quantitation Report (QT Reviewed)

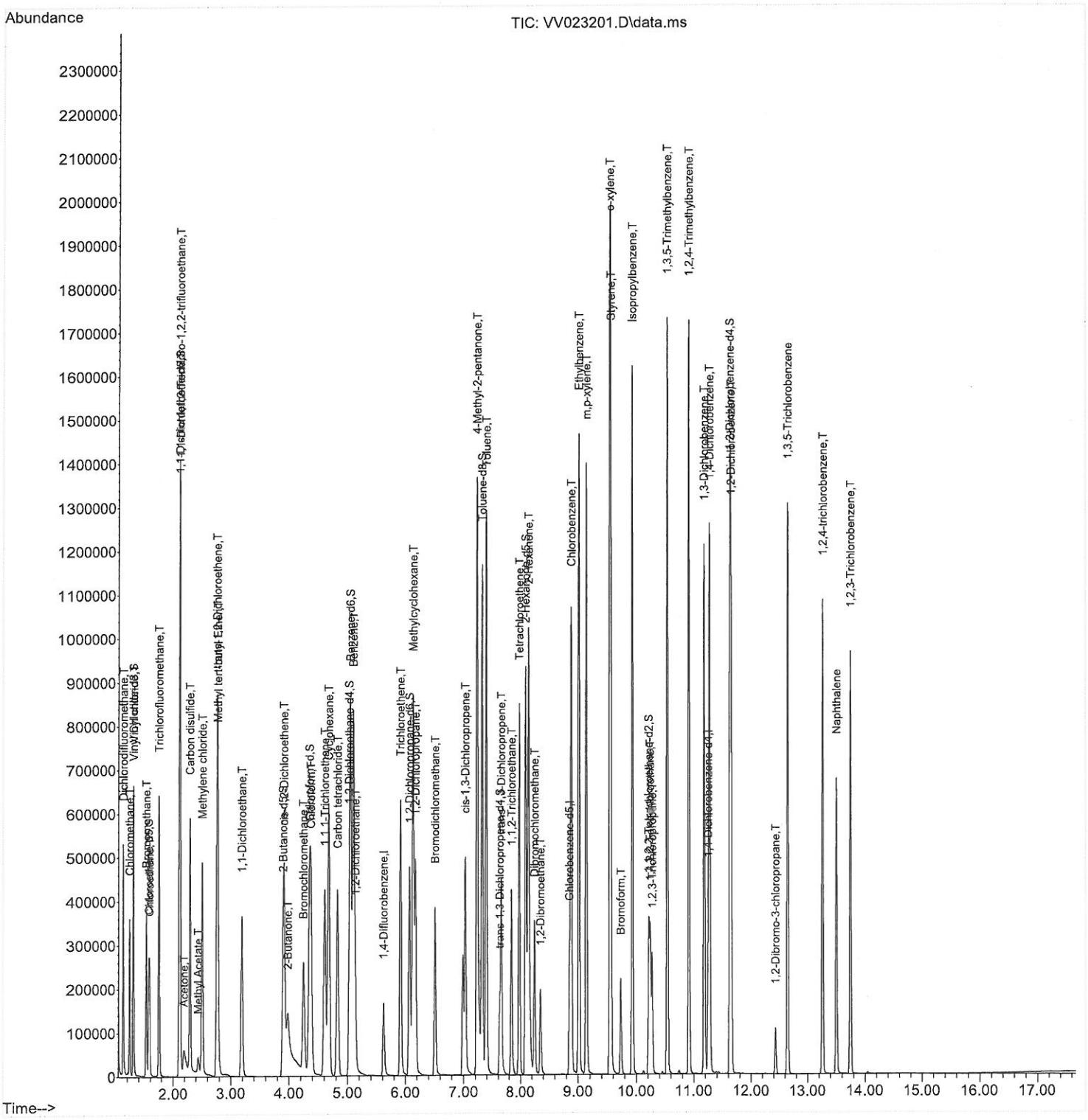
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110421\
Data File : VV023201.D
Acq On : 04 Nov 2021 13:55
Operator : SY/MD
Sample : VSTD02051
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 08 12:57:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 08 12:49:02 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD020251

Manual IntegrationsAPPROVED

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



Quantitation Report (Qedit)

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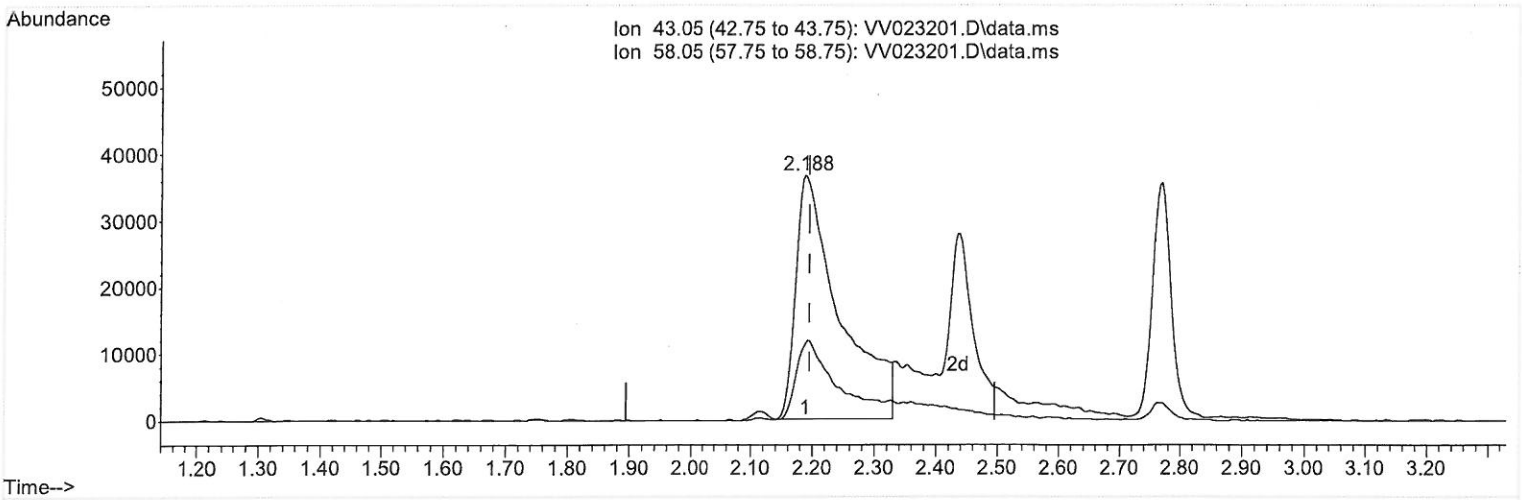

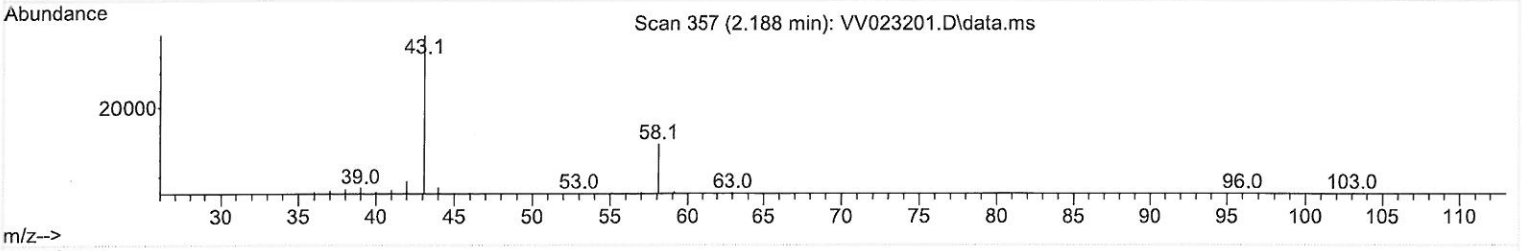

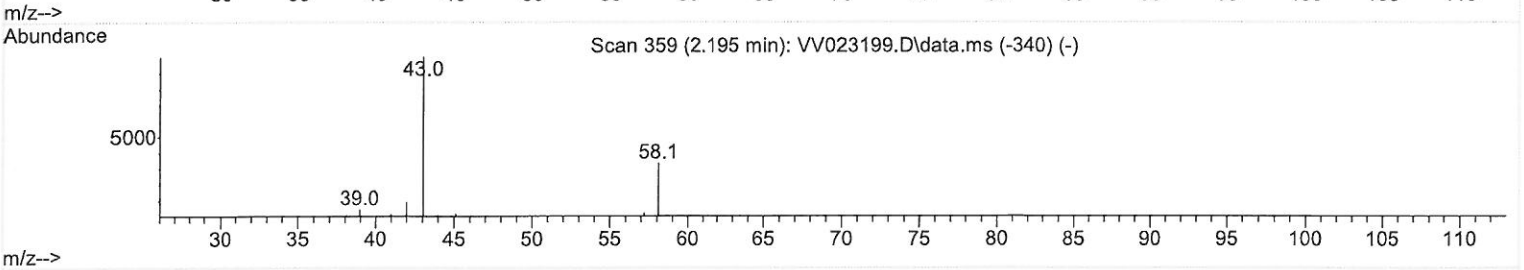

TIC: VV023201.D\data.ms

(13) Acetone (T)

2.188min (-0.006) 177.07 ug/L

response 180452

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.70	30.05
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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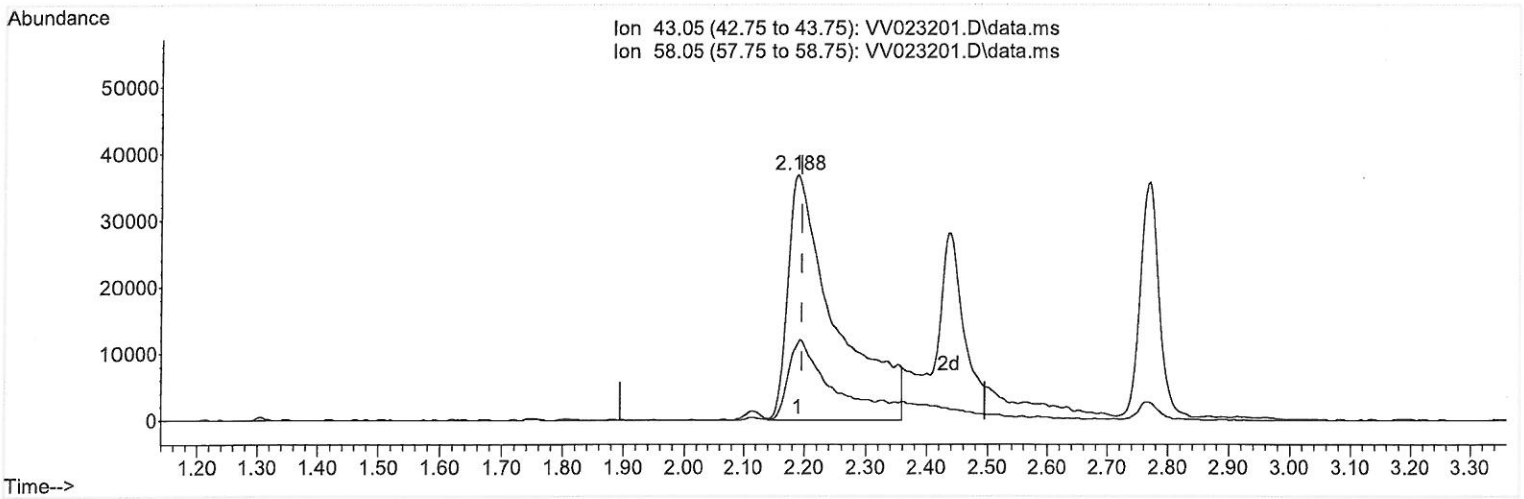

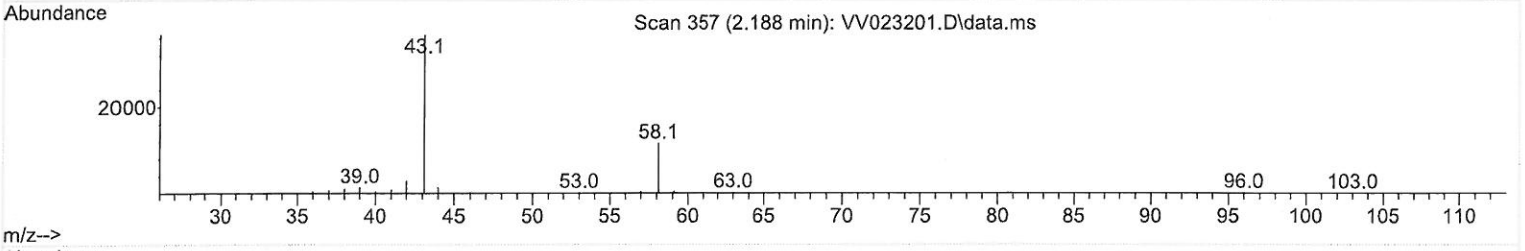

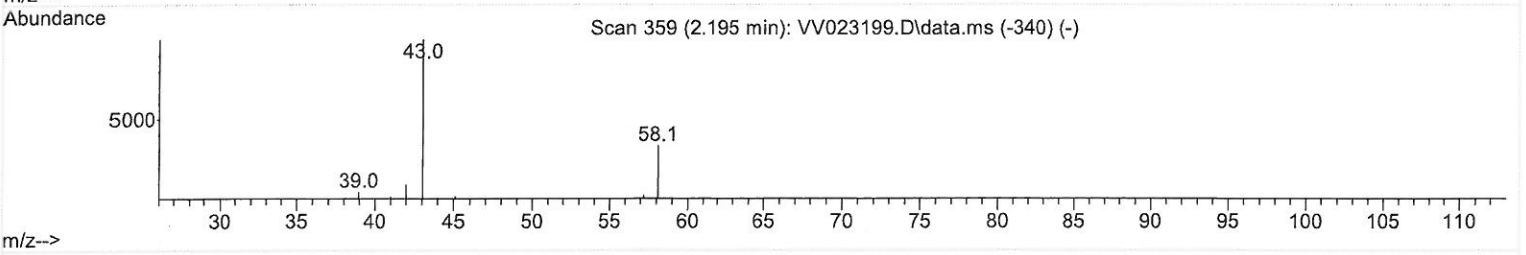

TIC: VV023201.D\data.ms

(13) Acetone (T)

2.188min (-0.006) 193.73 ug/L m

response 197423

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.70	27.47
0.00	0.00	0.00
0.00	0.00	0.00

11/19/21

Quantitation Report (Qedit)

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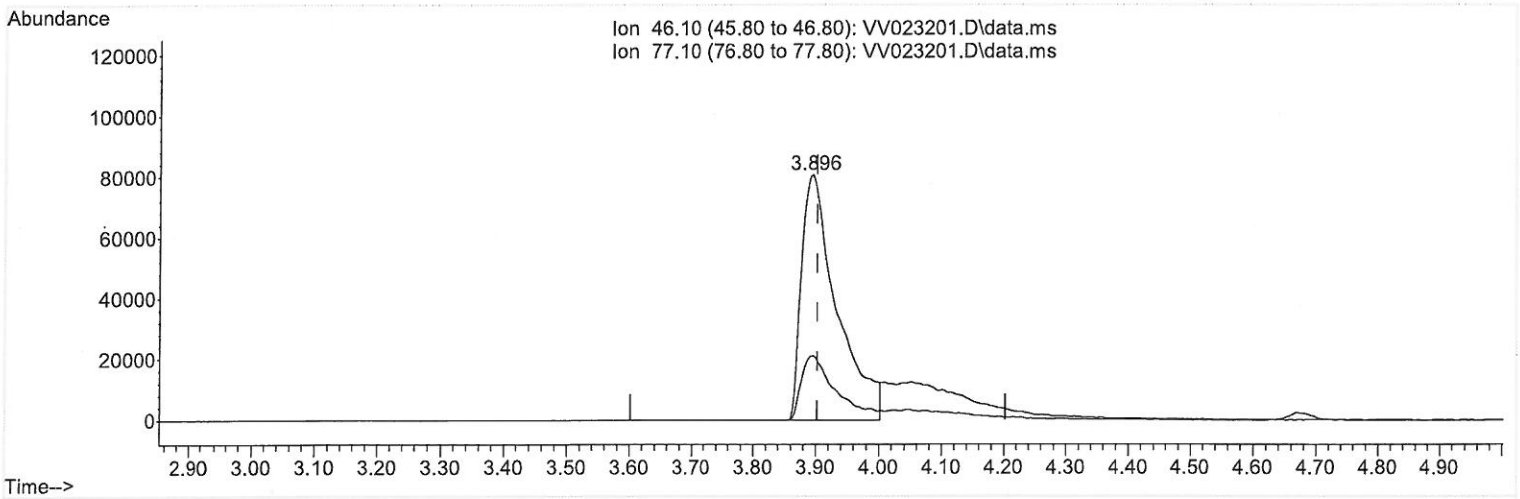

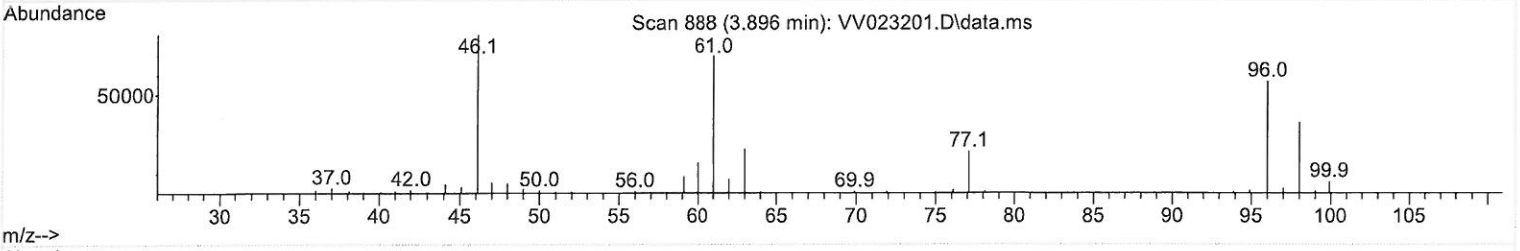

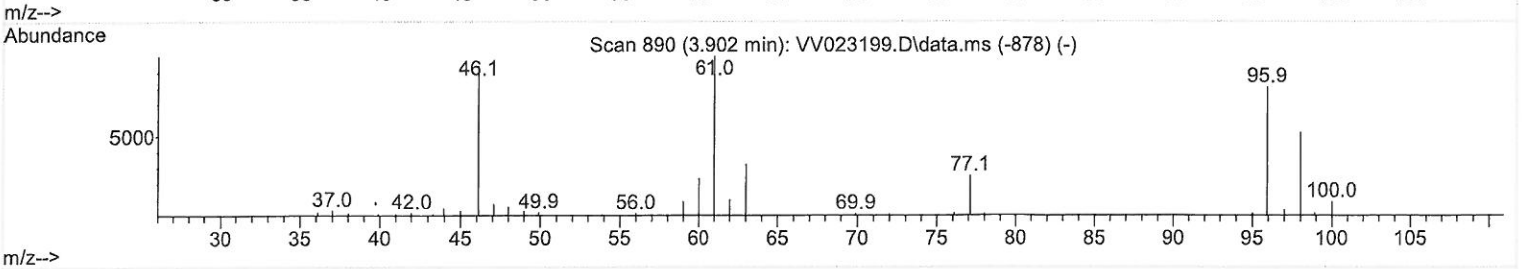

TIC: VV023201.D\data.ms

(20) 2-Butanone-d5 (S)

3.896min (-0.006) 151.24 ug/L

response 314152

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.30	24.43
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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ClientSampleId :
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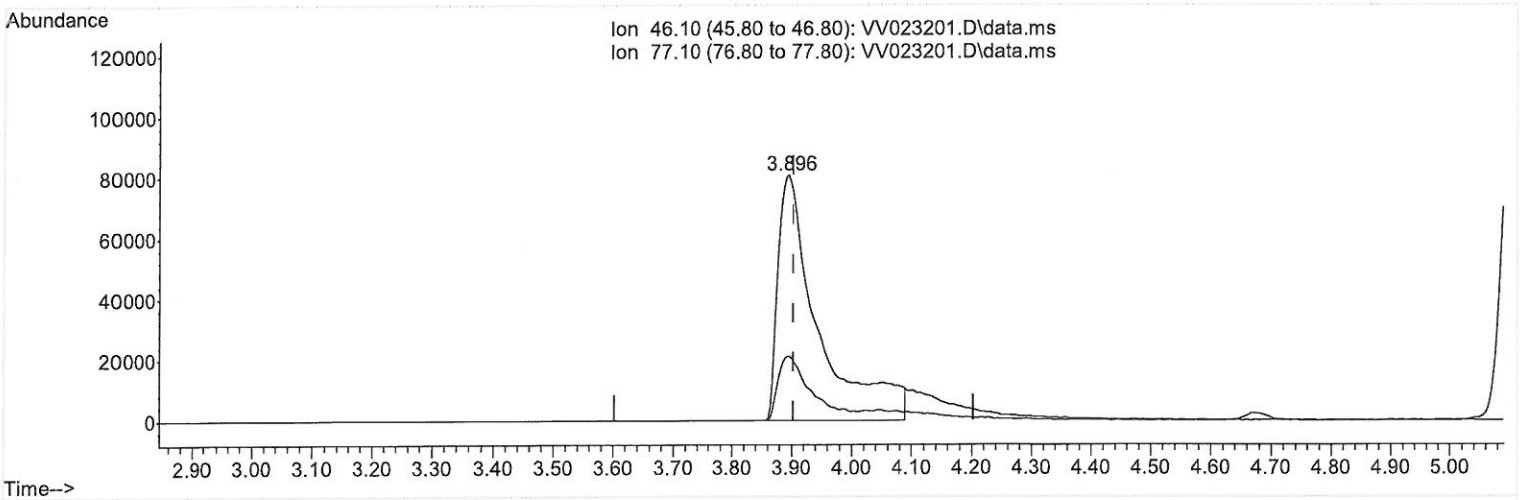
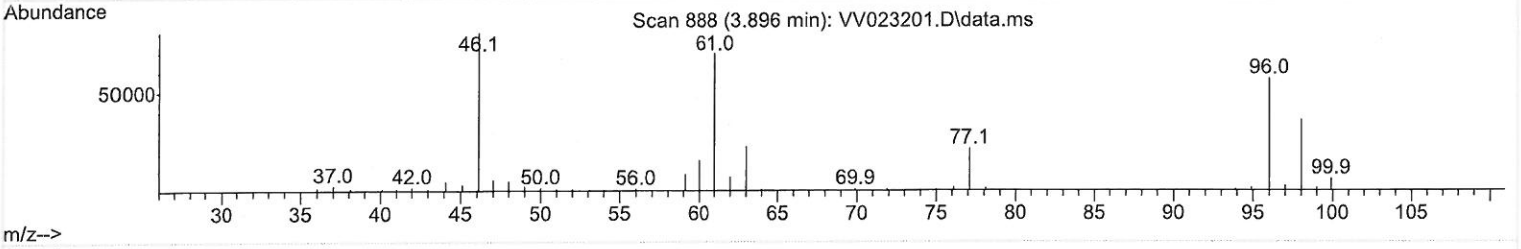
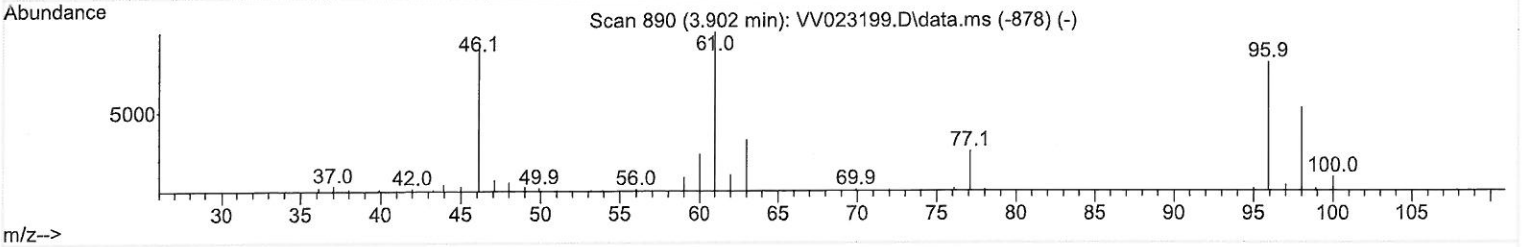
Manual IntegrationsAPPROVED

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







TIC: VV023201.D\data.ms

(20) 2-Butanone-d5 (S)

3.896min (-0.006) 181.03 ug/L m

response 376030

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.30	20.41
0.00	0.00	0.00
0.00	0.00	0.00

JMD 11/19/21

Quantitation Report (Qedit)

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Manual IntegrationsAPPROVED

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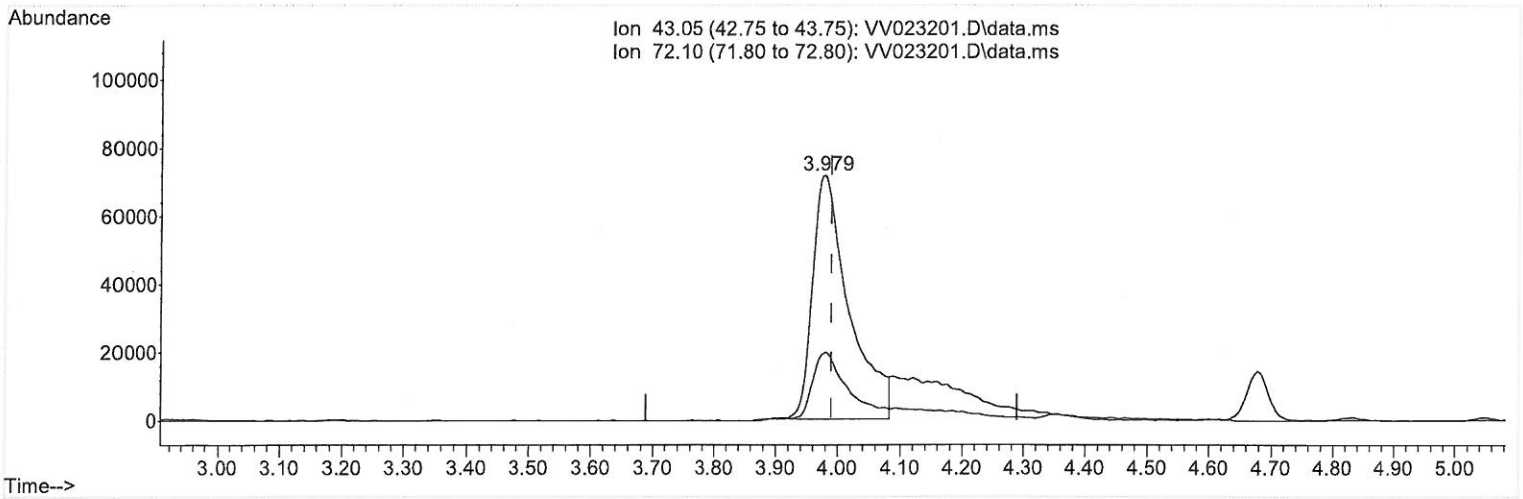

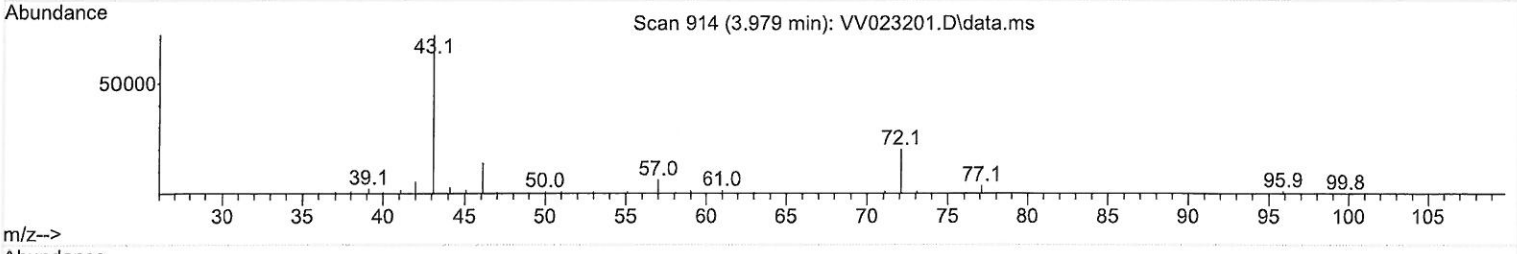

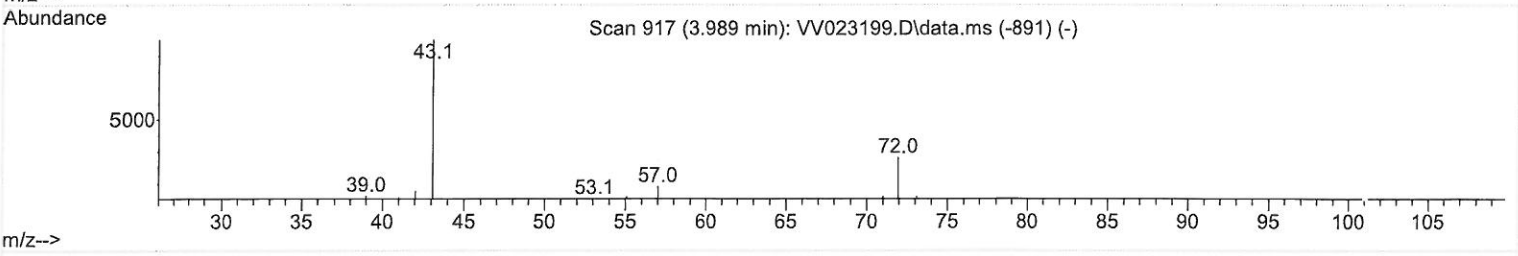

TIC: VV023201.D\data.ms

(21) 2-Butanone (T)

3.979min (-0.010) 145.94 ug/L

response 291160

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	23.90	25.11
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
MSVOA_V
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VSTD020251

Manual IntegrationsAPPROVED

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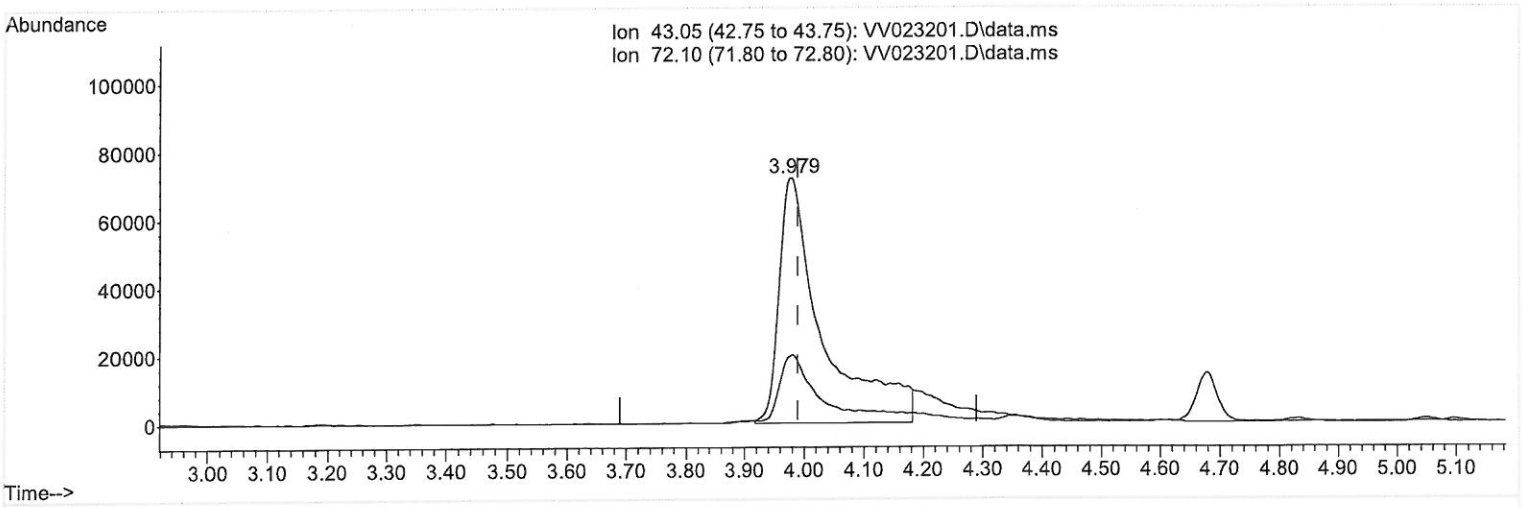

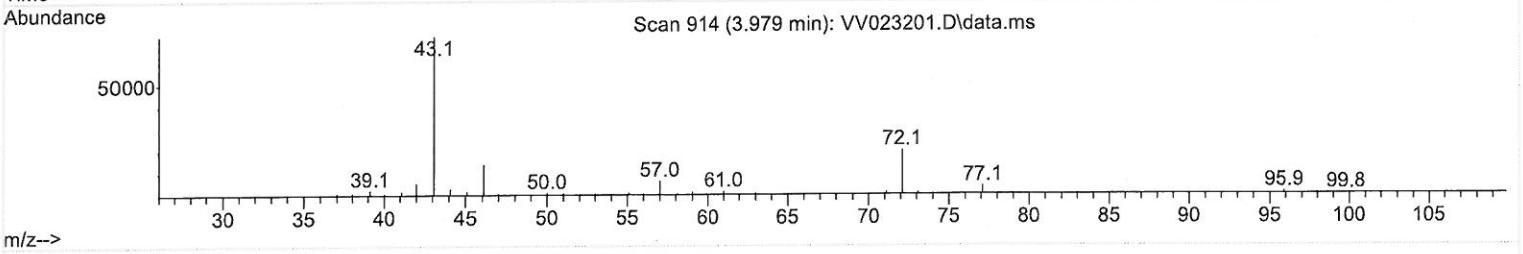

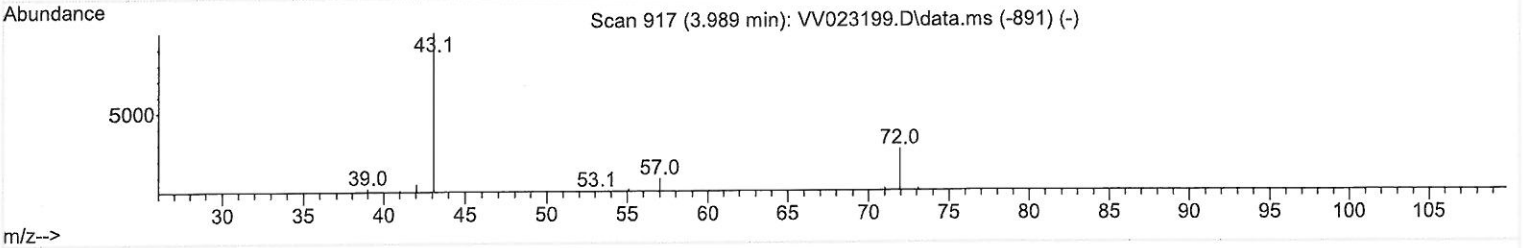

TIC: VV023201.D\data.ms

(21) 2-Butanone (T)

3.979min (-0.010) 182.89 ug/L m

response 364866

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	23.90	20.04
0.00	0.00	0.00
0.00	0.00	0.00

md 11/19/21

Quantitation Report (QT Reviewed)

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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	148183	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	144257	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	82282	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	186216	14.38	ug/L	0.00
7) Chloroethane-d5	1.568	69	151004	18.85	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	345580	18.50	ug/L	0.00
20) 2-Butanone-d5	3.896	46	376030m	181.03	ug/L	0.00
24) Chloroform-d	4.349	84	404005	19.19	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	185751	18.72	ug/L	0.00
32) Benzene-d6	5.050	84	795279	18.88	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	224859	17.34	ug/L	0.00
41) Toluene-d8	7.317	98	757909	20.03	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	94588	20.82	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	385996	229.51	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	164664	18.39	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	286037	19.48	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	281466	29.94	ug/L	99
3) Chloromethane	1.240	50	229457	22.58	ug/L	98
5) Vinyl chloride	1.307	62	235972	22.49	ug/L	99
6) Bromomethane	1.519	94	151459	28.56	ug/L	100
8) Chloroethane	1.584	64	135744	24.74	ug/L	97
9) Trichlorofluoromethane	1.751	101	354290	25.01	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	177768	22.01	ug/L	98
12) 1,1-Dichloroethene	2.117	96	167888	22.13	ug/L	91
13) Acetone	2.188	43	197423m	193.73	ug/L	
14) Carbon disulfide	2.291	76	646886	31.31	ug/L	99
15) Methyl Acetate	2.436	43	65207	16.82	ug/L	90
16) Methylene chloride	2.507	84	204184	24.50	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	406845	22.46	ug/L	96
18) trans-1,2-Dichloroethene	2.757	96	214000	26.42	ug/L	98
19) 1,1-Dichloroethane	3.188	63	359756	24.18	ug/L	98
21) 2-Butanone	3.979	43	364866m	182.89	ug/L	
22) cis-1,2-Dichloroethene	3.912	96	219883	23.94	ug/L #	90
23) Bromochloromethane	4.246	128	95067	22.80	ug/L #	80
25) Chloroform	4.375	83	374304	19.04	ug/L	97
27) 1,2-Dichloroethane	5.130	62	207849	20.04	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	348547	21.38	ug/L	99
30) Cyclohexane	4.677	56	340398	23.92	ug/L	97
31) Carbon tetrachloride	4.828	117	318247	22.69	ug/L	97
33) Benzene	5.098	78	823889	21.22	ug/L	100
34) Trichloroethene	5.912	95	218000	22.35	ug/L	98
35) Methylcyclohexane	6.130	83	368251	26.37	ug/L	95
37) 1,2-Dichloropropane	6.172	63	193738	19.80	ug/L #	96
38) Bromodichloromethane	6.510	83	255794	21.19	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	302078	24.79	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	998956	216.86	ug/L	96
42) Toluene	7.387	91	920546	23.40	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	251164	24.92	ug/L	99

MD 11/19/21

MD 11/19/21

MD 11/10/21

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VSTD020251

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/11/2021
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	134061	19.59	ug/L		98
47) Tetrachloroethene	7.976	164	188972	22.94	ug/L		98
48) 2-Hexanone	8.140	43	706100	206.50	ug/L		96
49) Dibromochloromethane	8.246	129	178909	21.97	ug/L		99
50) 1,2-Dibromoethane	8.352	107	129962	21.09	ug/L		99
51) Chlorobenzene	8.882	112	581925	22.52	ug/L		99
52) Ethylbenzene	9.011	91	999054	25.59	ug/L		98
53) m,p-xylene	9.140	106	395355	25.25	ug/L		96
54) o-xylene	9.545	106	375335	25.46	ug/L		99
55) Styrene	9.561	104	645093	25.34	ug/L		97
57) 1,1,2,2-Tetrachloroethane	10.243	83	149639	19.56	ug/L		98
59) Bromoform	9.731	173	97846	20.41	ug/L	#	98
60) Isopropylbenzene	9.931	105	1020404	24.52	ug/L		99
61) 1,2,3-Trichloropropane	10.275	75	105506	18.22	ug/L		97
62) 1,3,5-Trimethylbenzene	10.538	105	882240	26.39	ug/L		100
63) 1,2,4-Trimethylbenzene	10.915	105	893378	26.78	ug/L		99
64) 1,3-Dichlorobenzene	11.181	146	492602	22.50	ug/L		97
65) 1,4-Dichlorobenzene	11.271	146	490125	22.03	ug/L		99
67) 1,2-Dichlorobenzene	11.644	146	436070	21.39	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.429	75	24452	21.40	ug/L		92
69) 1,3,5-Trichlorobenzene	12.644	180	397246	23.82	ug/L		99
70) 1,2,4-trichlorobenzene	13.262	180	327199	26.22	ug/L		98
71) Naphthalene	13.503	128	513625	27.07	ug/L		100
72) 1,2,3-Trichlorobenzene	13.744	180	282899	24.42	ug/L		100

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