Quantitation Report (QT Reviewed)

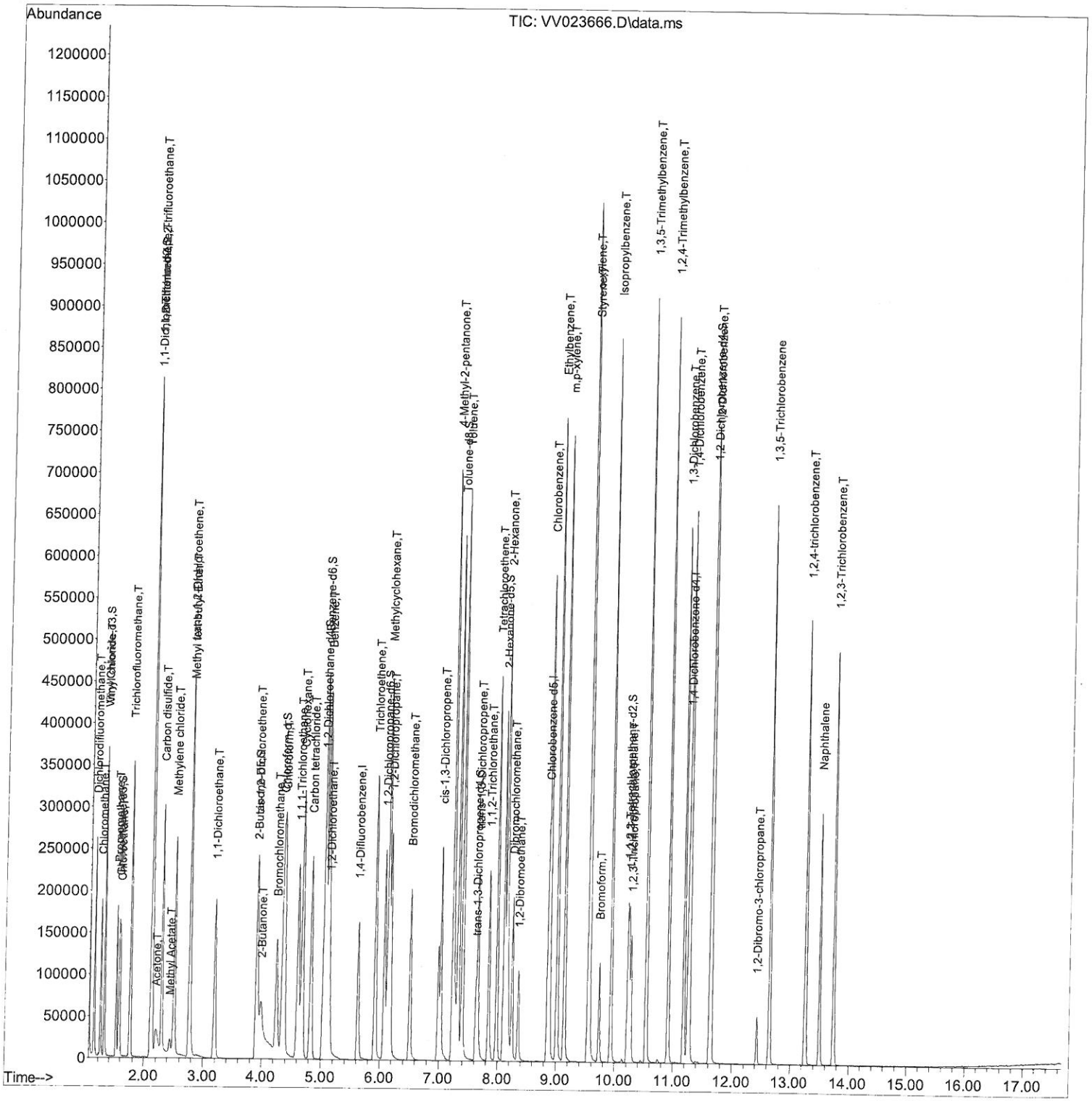
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112321\
Data File : VV023666.D
Acq On : 23 Nov 2021 12:45
Operator : SY/MD
Sample : VSTD01056
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 24 03:43:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 24 03:41:43 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD010256

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



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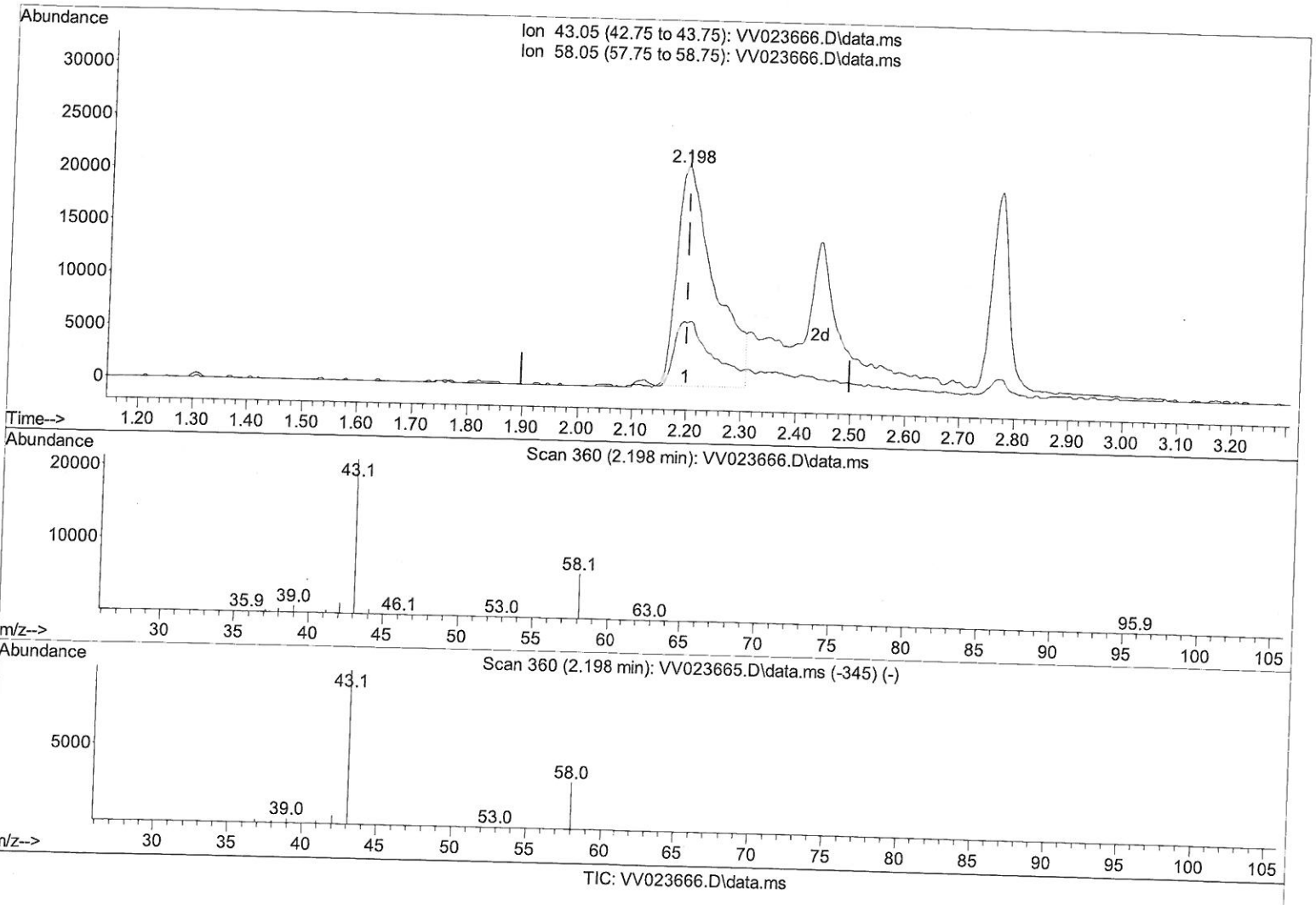

(13) Acetone (T)

2.198min (+ 0.000) 96.87 ug/L

response 99687

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	20.70	10.15
0.00	0.00	0.00
0.00	0.00	0.00

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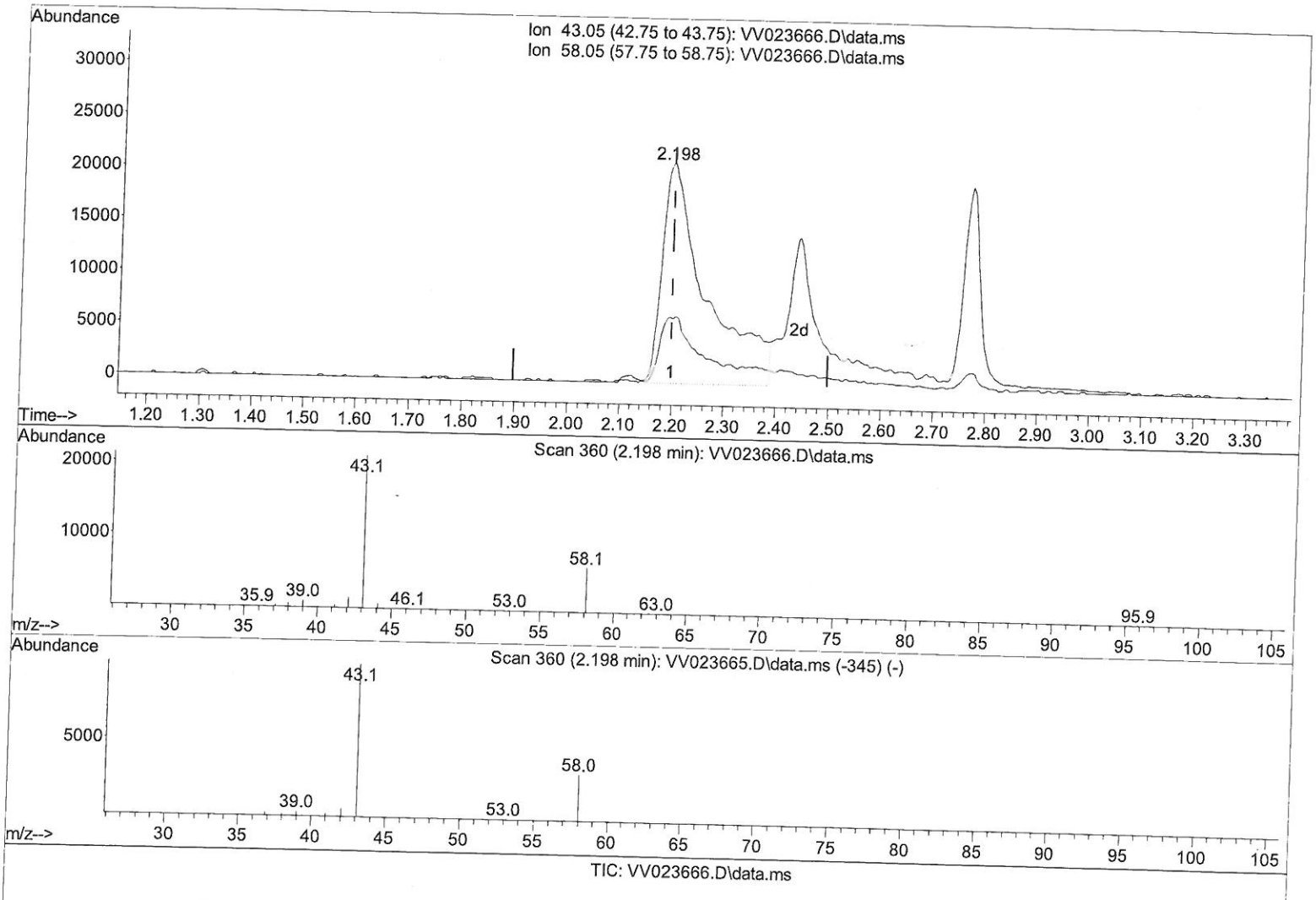

TIC: VV023666.D\data.ms

(13) Acetone (T)

2.198min (+ 0.000) 120.98 ug/L m

response 124495

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	20.70	8.13
0.00	0.00	0.00
0.00	0.00	0.00

SMO 12/01/21

Quantitation Report (Qedit)

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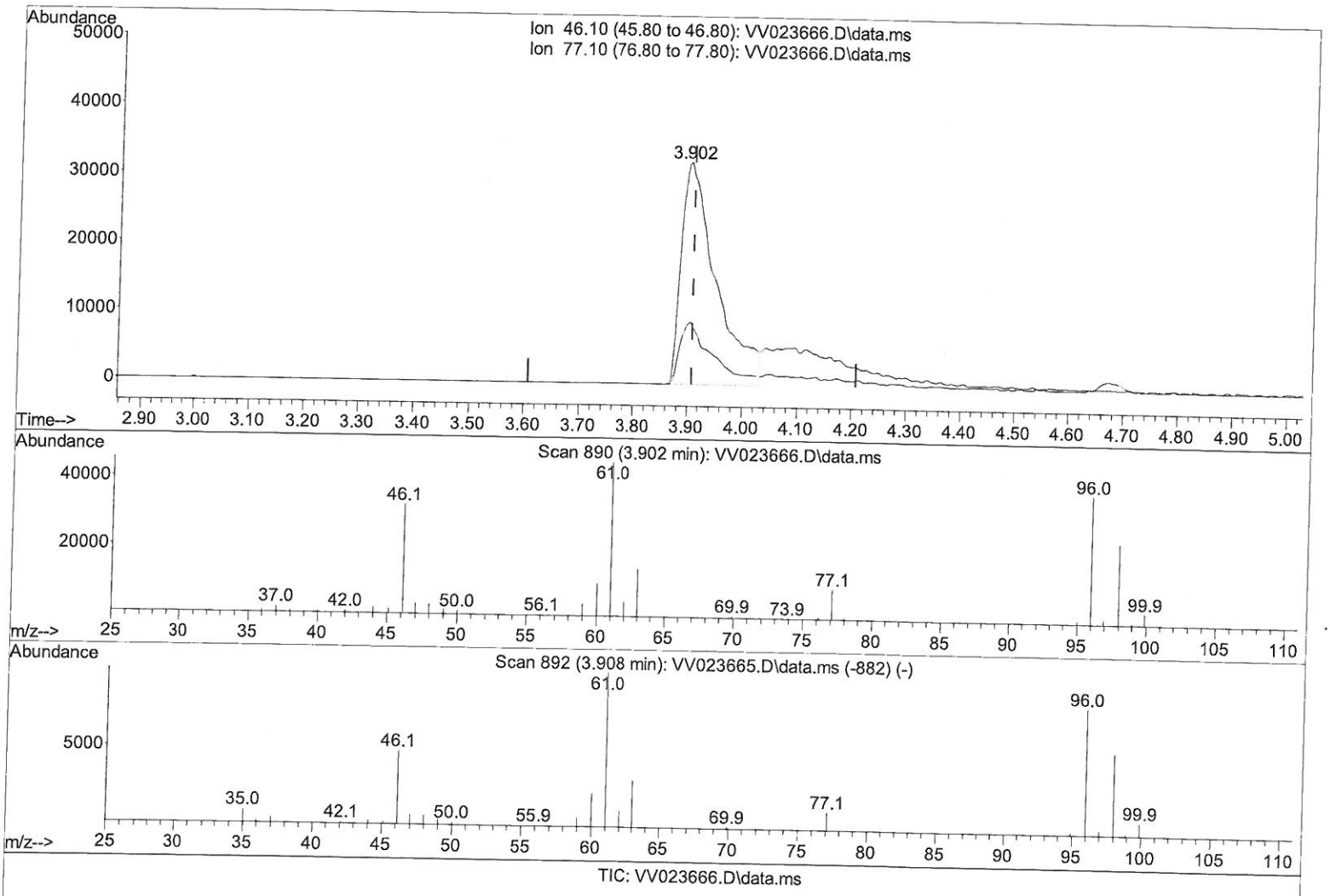

TIC: VV023666.D\data.ms

(20) 2-Butanone-d5 (S)

3.902min (-0.006) 94.92 ug/L

response 142870

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	9.40	24.60#
0.00	0.00	0.00
0.00	0.00	0.00

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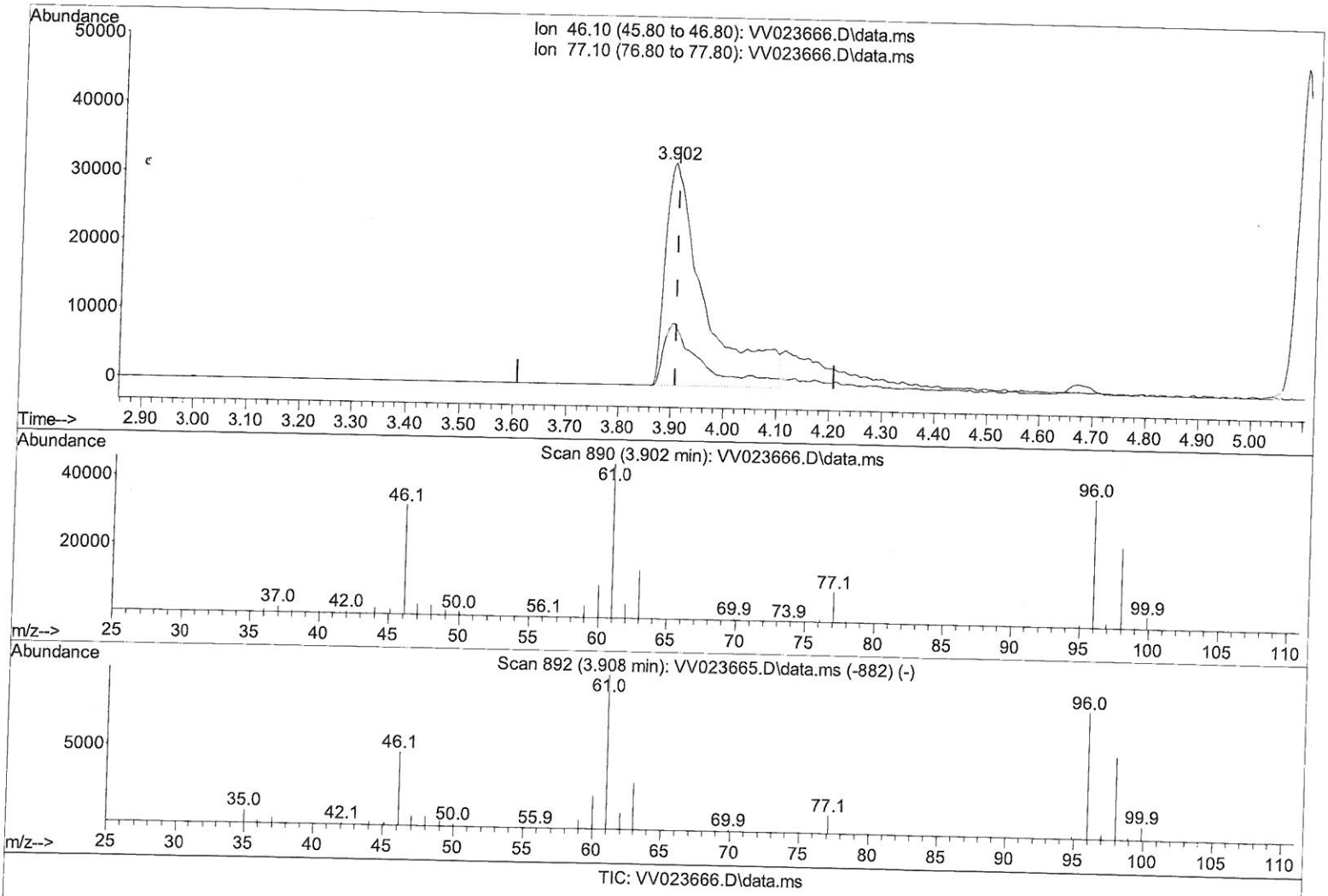

TIC: VV023666.D\data.ms

(20) 2-Butanone-d5 (S)

3.902min (-0.006) 110.54 ug/L m

response 166377

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	9.40	21.12#
0.00	0.00	0.00
0.00	0.00	0.00

12/01/21

Quantitation Report (Qedit)

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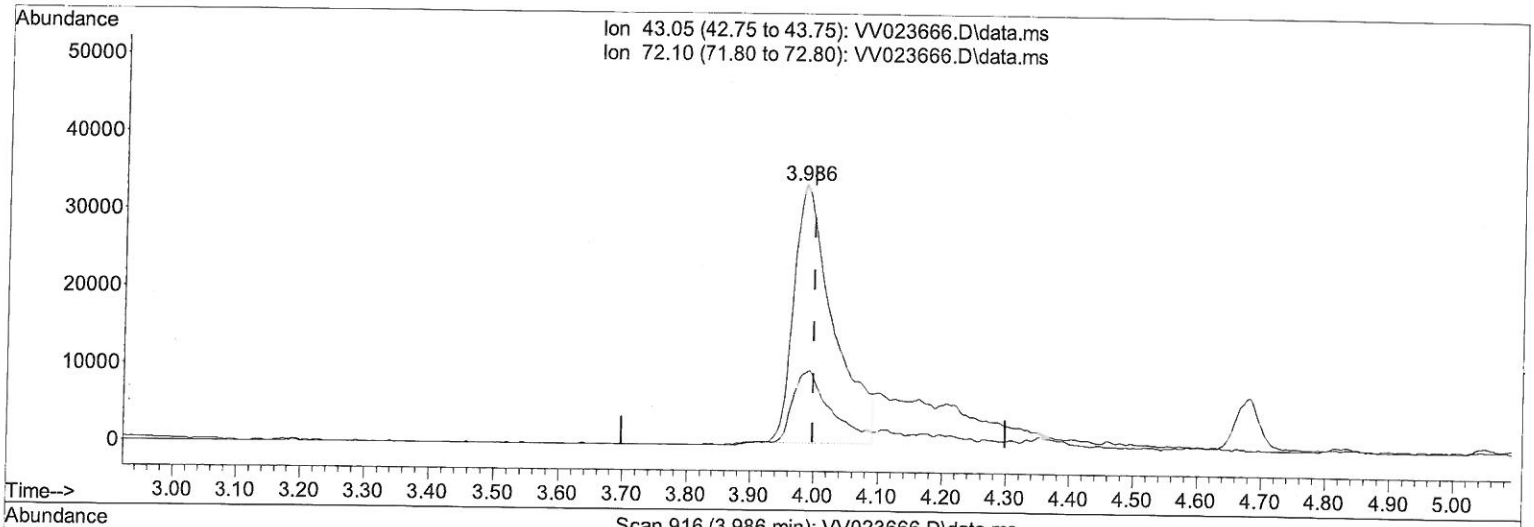

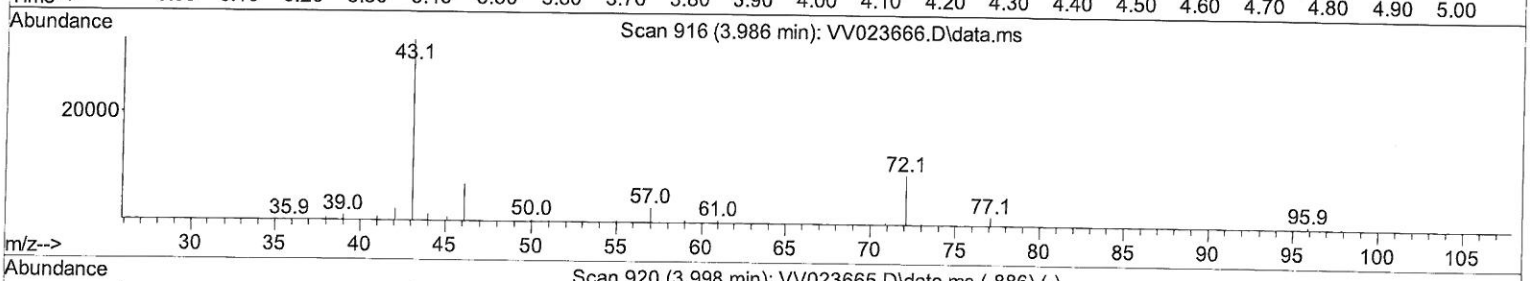

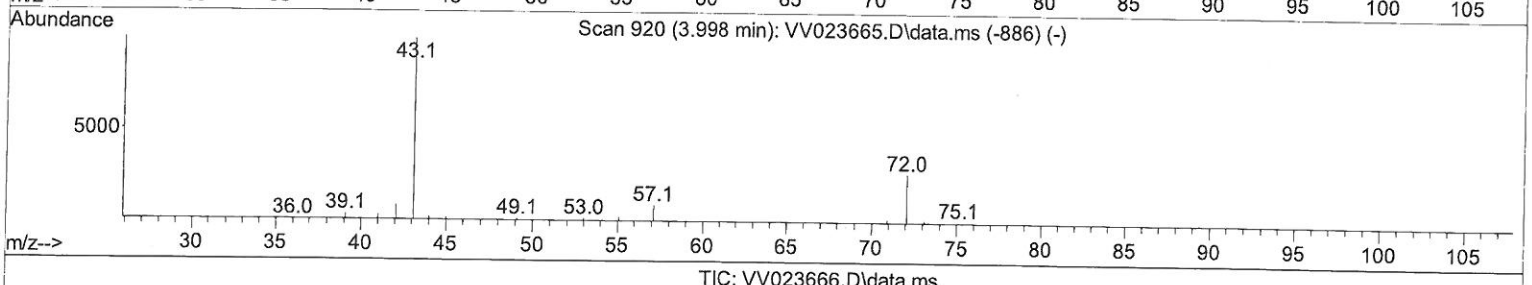

TIC: VV023666.D\data.ms

(21) 2-Butanone (T)

3.986min (-0.013) 92.15 ug/L

response 143856

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	22.10	25.68
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/24/2021
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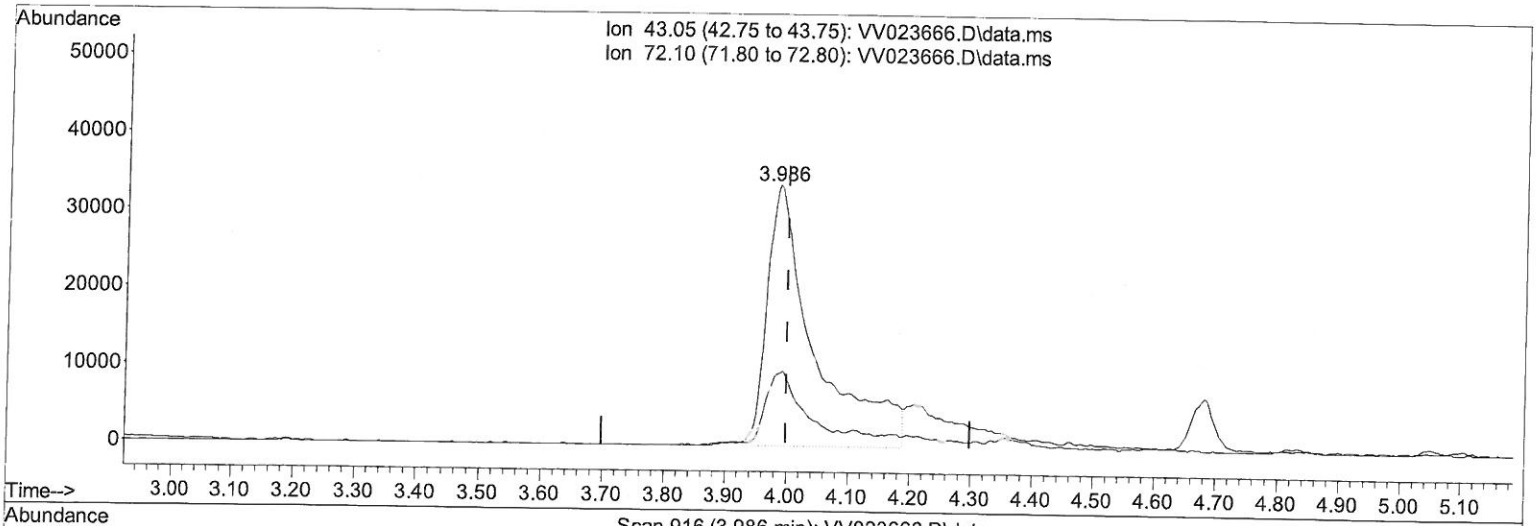

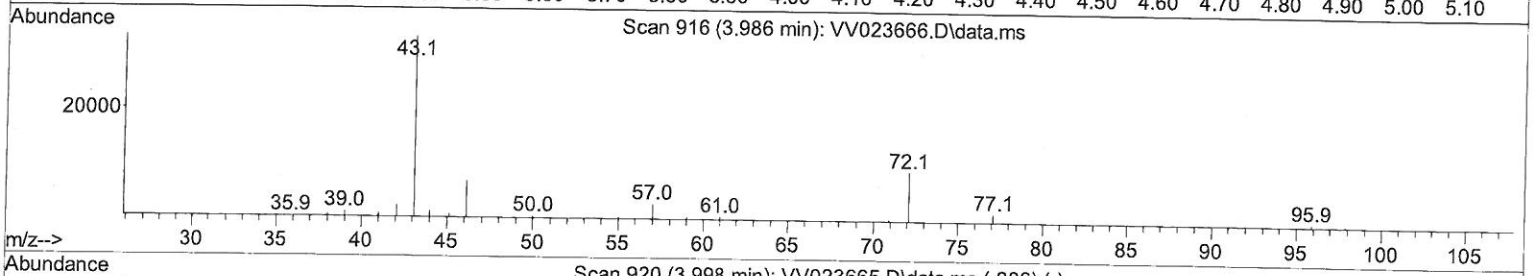

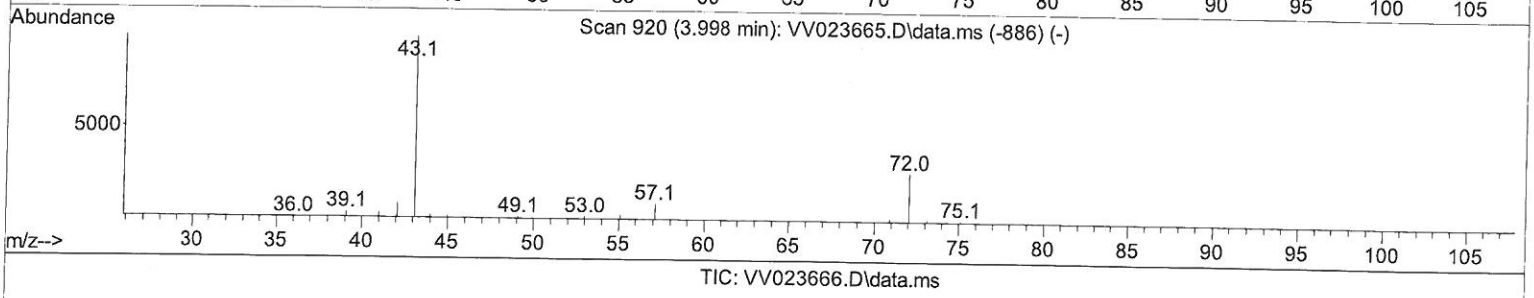

TIC: VV023666.D\data.ms

(21) 2-Butanone (T)

3.986min (-0.013) 116.35 ug/L m

response 181636

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	22.10	20.34
0.00	0.00	0.00
0.00	0.00	0.00

MD 12/01/21

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/24/2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	145104	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	146030	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	83744	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	120439	13.088	ug/L	0.00
7) Chloroethane-d5	1.568	69	92563	12.493	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	212183	12.247	ug/L	0.00
20) 2-Butanone-d5	3.902	46	166377m	110.536	ug/L	0.00
24) Chloroform-d	4.349	84	213177	11.312	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	98784	11.577	ug/L	0.00
32) Benzene-d6	5.050	84	420563	11.478	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	115124	10.767	ug/L	0.00
41) Toluene-d8	7.317	98	407245	11.794	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	49329	11.993	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	178446	121.062	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	83340	10.850	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	152328	11.197	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.131	85	138452	9.802	ug/L	100
3) Chloromethane	1.240	50	117461	9.738	ug/L	97
5) Vinyl chloride	1.311	62	125746	10.330	ug/L	99
6) Bromomethane	1.523	94	71902	9.535	ug/L	98
8) Chloroethane	1.584	64	74018	10.418	ug/L	98
9) Trichlorofluoromethane	1.754	101	202365	10.857	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	104235	11.136	ug/L	98
12) 1,1-Dichloroethene	2.118	96	98399	10.980	ug/L #	80
13) Acetone	2.198	43	124495m	120.982	ug/L	
14) Carbon disulfide	2.294	76	332617	10.119	ug/L	99
15) Methyl Acetate	2.442	43	29881	10.727	ug/L	95
16) Methylene chloride	2.507	84	108594	8.495	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	208760	10.766	ug/L	100
18) trans-1,2-Dichloroethene	2.761	96	109884	10.197	ug/L	96
19) 1,1-Dichloroethane	3.188	63	186557	10.258	ug/L	99
21) 2-Butanone	3.986	43	181636m	116.351	ug/L	
22) cis-1,2-Dichloroethene	3.912	96	113588	10.907	ug/L	99
23) Bromochloromethane	4.249	128	52644	10.975	ug/L	94
25) Chloroform	4.375	83	205138	10.445	ug/L	100
27) 1,2-Dichloroethane	5.130	62	113020	10.781	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	191578	10.512	ug/L	100
30) Cyclohexane	4.677	56	171642	10.639	ug/L	98
31) Carbon tetrachloride	4.828	117	176245	10.705	ug/L	99
33) Benzene	5.098	78	437178	10.567	ug/L	100
34) Trichloroethene	5.912	95	112718	10.177	ug/L	97
35) Methylcyclohexane	6.133	83	190479	10.902	ug/L	98
37) 1,2-Dichloropropane	6.172	63	99976	10.381	ug/L	98
38) Bromodichloromethane	6.510	83	137880	10.503	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	152248	10.900	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	523723	114.770	ug/L	98
42) Toluene	7.387	91	496426	11.130	ug/L	97

MD 12/01/21

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Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/24/2021
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) trans-1,3-Dichloropropene	7.651	75	131171	11.358 ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	73652	10.473 ug/L	99
47) Tetrachloroethene	7.976	164	106800	11.036 ug/L	99
48) 2-Hexanone	8.140	43	391564	123.362 ug/L	99
49) Dibromochloromethane	8.246	129	98026	10.937 ug/L	100
50) 1,2-Dibromoethane	8.352	107	70248	10.845 ug/L	95
51) Chlorobenzene	8.879	112	310494	10.487 ug/L	98
52) Ethylbenzene	9.011	91	520143	11.042 ug/L	100
53) m,p-xylene	9.137	106	209655	11.254 ug/L	98
54) o-xylene	9.545	106	199509	11.484 ug/L	99
55) Styrene	9.561	104	346445	11.603 ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	80626	10.551 ug/L	98
59) Bromoform	9.731	173	55328	10.737 ug/L	97
60) Isopropylbenzene	9.931	105	540056	10.993 ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	59085	10.470 ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	463143	11.362 ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	464347	11.440 ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	263211	10.531 ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	260683	10.237 ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	243631	10.839 ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	12713	10.618 ug/L	93
69) 1,3,5-Trichlorobenzene	12.645	180	209224	10.637 ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	164442	10.509 ug/L	98
71) Naphthalene	13.503	128	235532	10.393 ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	148634	10.873 ug/L	99

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