Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072219\

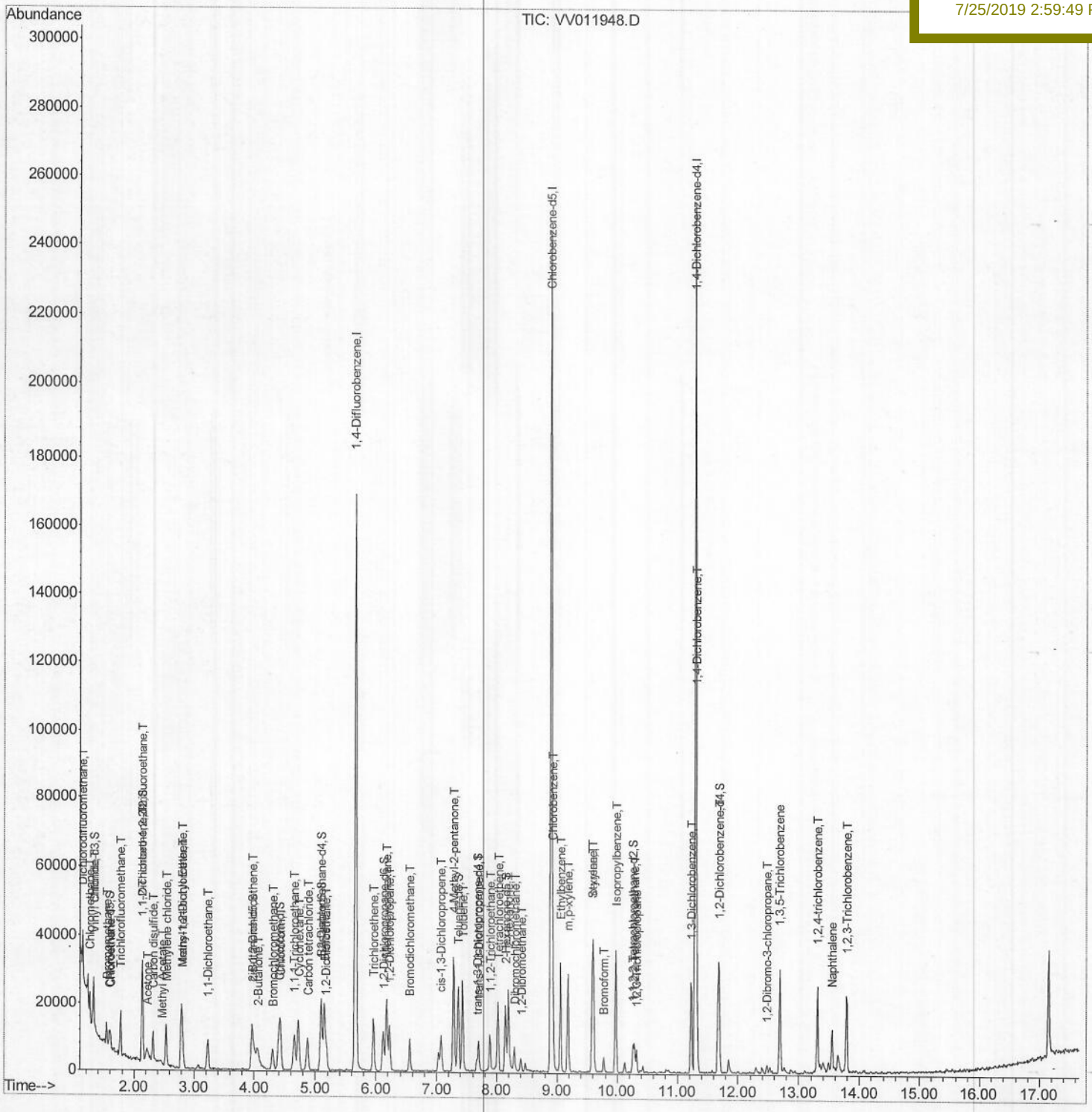
Quantitation Report (QT Reviewed)

Data File : VV011948.D
Acq On : 22 Jul 2019 14:57
Operator : SY/MD
Sample : VSTD0.531
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 23 06:58:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 23 06:51:58 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Manual Integrations APPROVED
MMDadoda
7/25/2019 2:59:49 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072219\

Quantitation Report (Qedit)

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Acq On : 22 Jul 2019 14:57
Operator : SY/MD
Sample : VSTD0.531
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 23 06:54:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 23 06:51:58 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Manual Integrations APPROVED
MMDadoda
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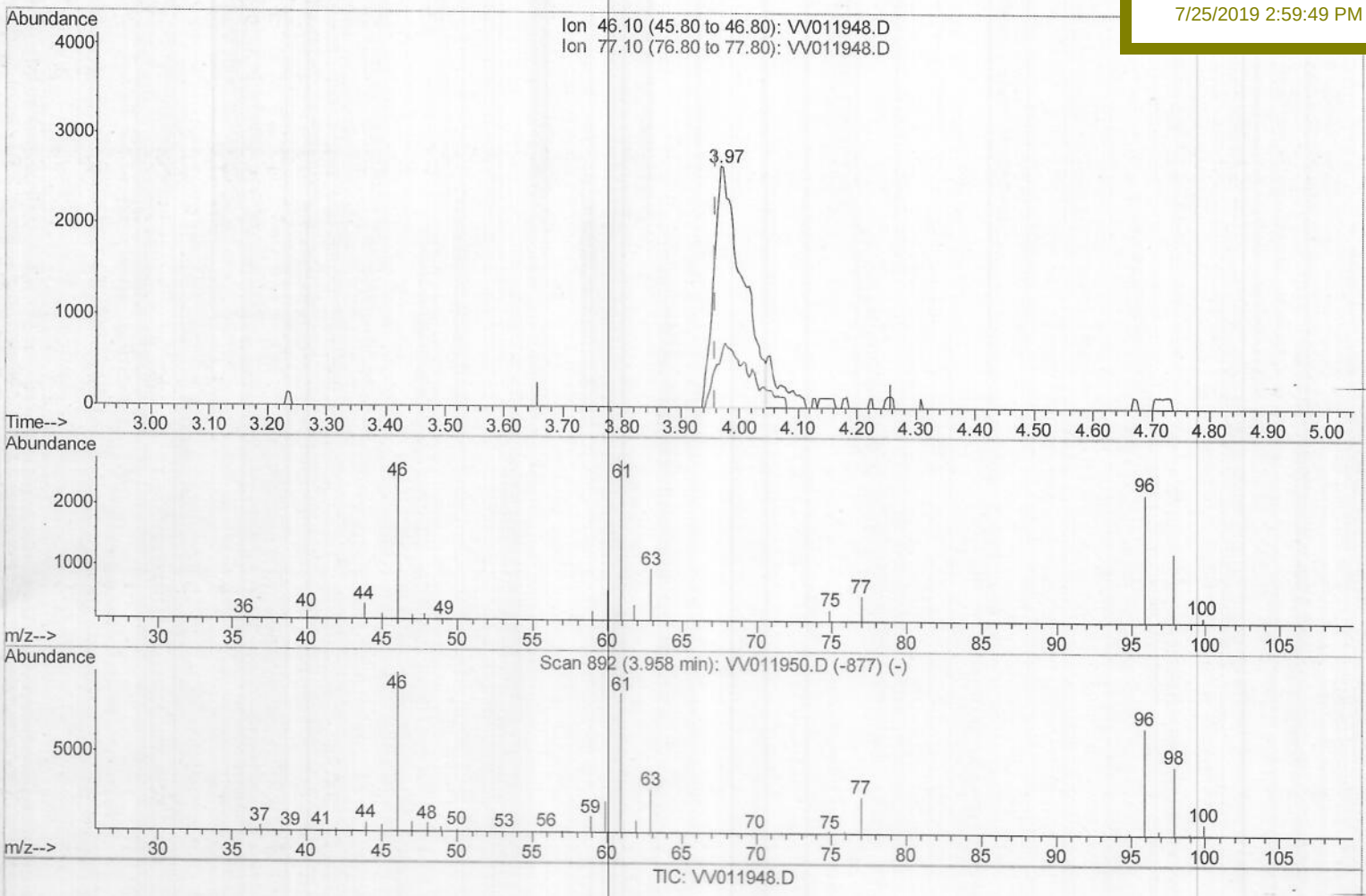

TIC: VV011948.D

(20) 2-Butanone-d5 (S)

3.968min (+0.010) 3.53ug/L

response 9018

Ion	Exp%	Act%
46.10	100	100
77.10	24.70	20.24
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072219\

Quantitation Report (Qedit)

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MSVOA_V
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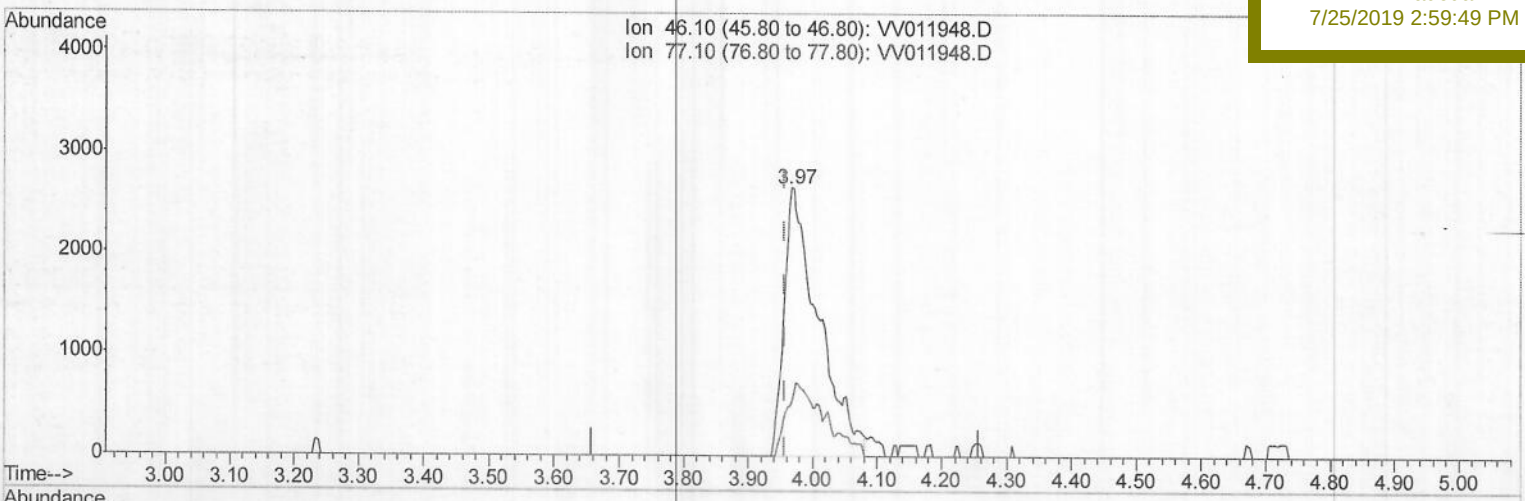
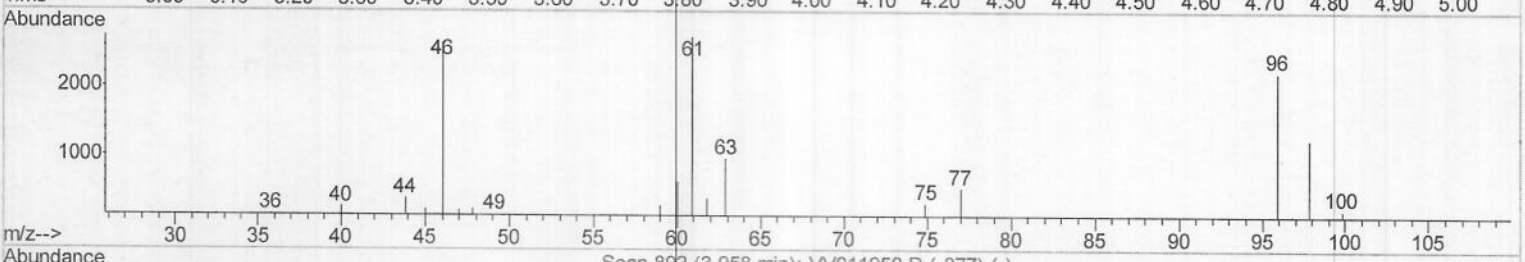
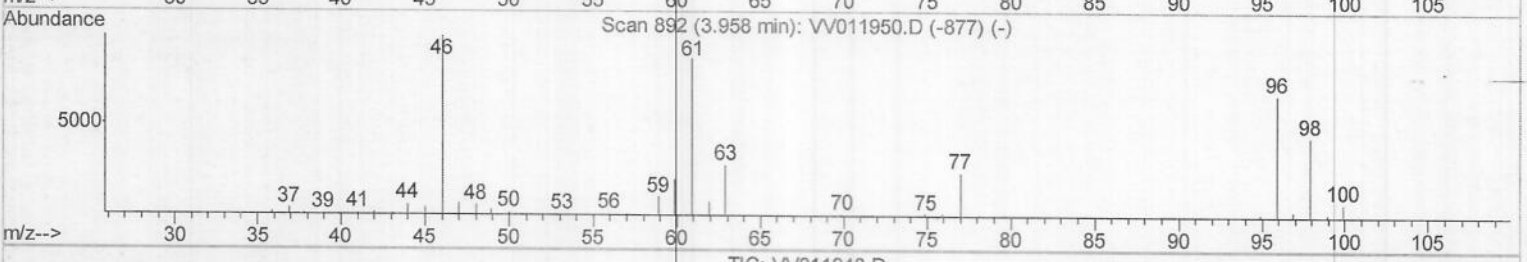
VSTD0.531

Manual Integrations APPROVED
MMDadoda
7/25/2019 2:59:49 PM





Scan 892 (3.958 min): VV011950.D (-877) (-)



TIC: VV011948.D

(20) 2-Butanone-d5 (S)

3.968min (+0.010) 3.80ug/L m

response 9704

Ion	Exp%	Act%
46.10	100	100
77.10	24.70	18.81
0.00	0.00	0.00
0.00	0.00	0.00

M.D 07/23/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072219\

Quantitation Report (Qedit)

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Acq On : 22 Jul 2019 14:57
Operator : SY/MD
Sample : VSTD0.531
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 23 06:54:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 23 06:51:58 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Manual Integrations APPROVED
MMDadoda
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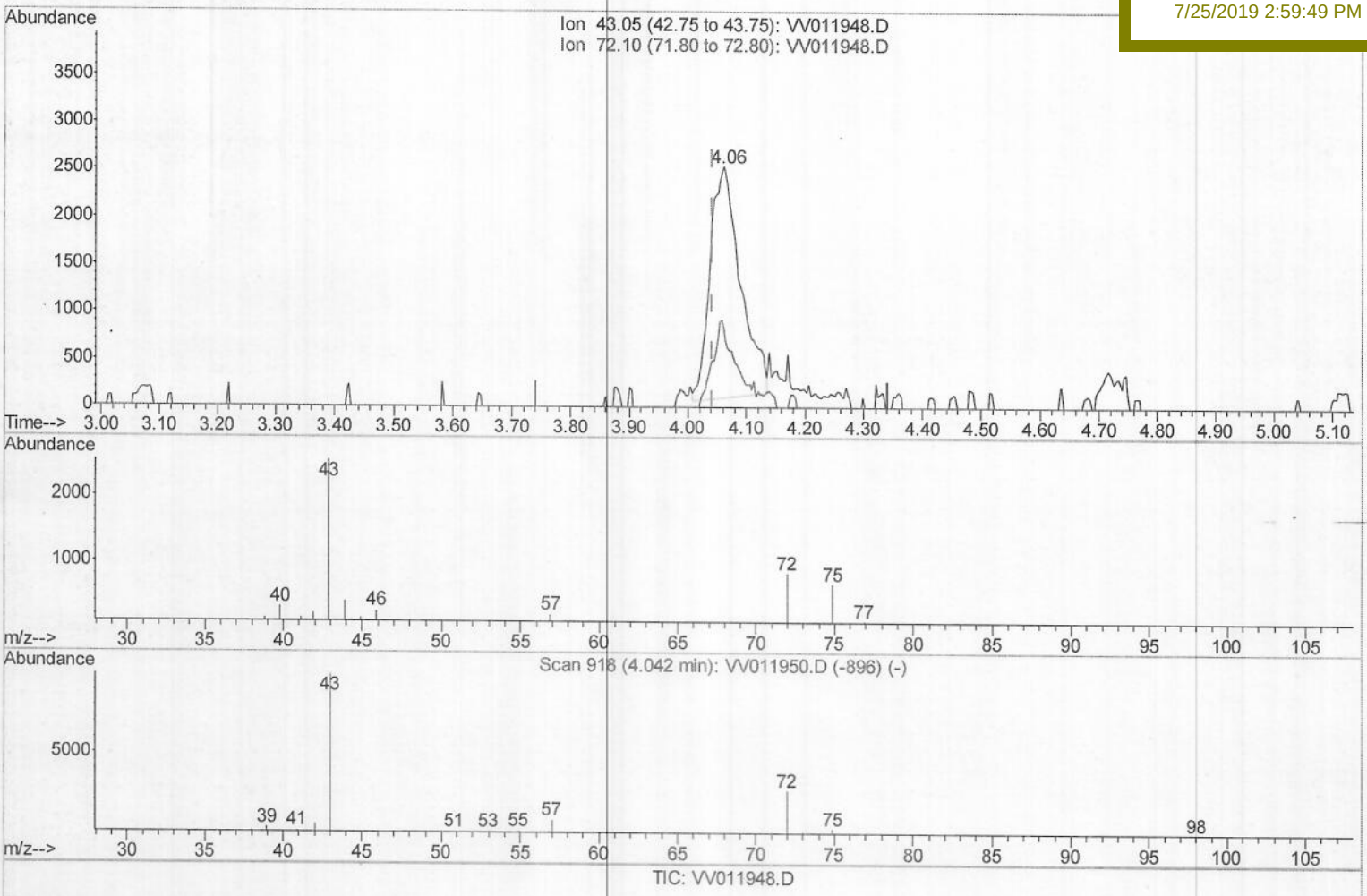

TIC: VV011948.D

(21) 2-Butanone (T)

4.061min (+0.019) 3.48ug/L

response 8831

Ion	Exp%	Act%
43.05	100	100
72.10	27.20	30.20
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072219\

Quantitation Report (Qedit)

Data File : VV011948.D
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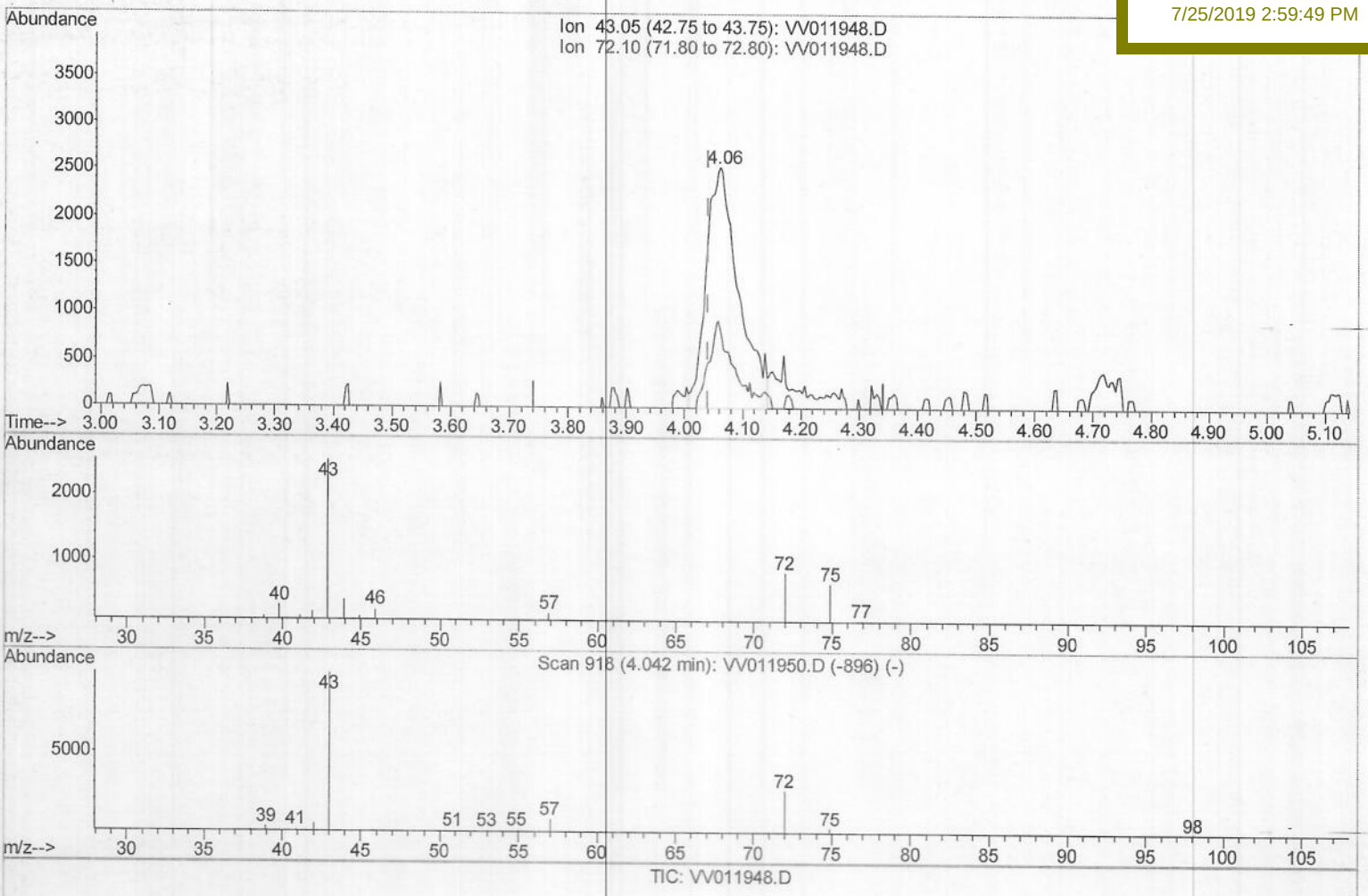
Operator : SY/MD
Sample : VSTD0.531
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 23 06:54:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 23 06:51:58 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Manual Integrations APPROVED
MMDadoda
7/25/2019 2:59:49 PM



TIC: VV011948.D

(21) 2-Butanone (T)

4.061min (+0.019) 3.86ug/L m

response 9816

Ion	Exp%	Act%
43.05	100	100
72.10	27.20	27.17
0.00	0.00	0.00
0.00	0.00	0.00

MD 07/23/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072219\

Quantitation Report (QT Reviewed)

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Misc : 25ML/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 23 06:58:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 23 06:51:58 2019
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : VSTD0.531

Manual Integrations APPROVED
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7/25/2019 2:59:49 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	141347	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	131722	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	65613	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	3672	0.37	ug/L	0.00
7) Chloroethane-d5	1.58	69	2884	0.36	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	6910	0.41	ug/L	0.00
20) 2-Butanone-d5	3.97	46	9704m	3.80	ug/L	0.00
24) Chloroform-d	4.40	84	9394	0.46	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	4983	0.47	ug/L	0.00
32) Benzene-d6	5.10	84	17588	0.46	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	5250	0.45	ug/L	0.00
41) Toluene-d8	7.36	98	15660	0.45	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	1917	0.44	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	7264	4.17	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	3803	0.52	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	6406	0.49	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	7304	0.500	ug/L	94
3) Chloromethane	1.25	50	4335	0.335	ug/L	96
5) Vinyl chloride	1.32	62	4301	0.342	ug/L	95
6) Bromomethane	1.54	94	2383	0.322	ug/L	83
8) Chloroethane	1.60	64	2968	0.416	ug/L	85
9) Trichlorofluoromethane	1.77	101	7703	0.457	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	3685	0.462	ug/L	99
12) 1,1-Dichloroethene	2.14	96	3058	0.417	ug/L	94
13) Acetone	2.22	43	6699	5.111	ug/L	97
14) Carbon disulfide	2.32	76	9372	0.448	ug/L	98
15) Methyl Acetate	2.46	43	1549	0.574	ug/L #	64
16) Methylene chloride	2.54	84	4671	0.603	ug/L	92
17) Methyl tert-butyl Ether	2.81	73	10143	0.446	ug/L #	87
18) trans-1,2-Dichloroethene	2.79	96	4982	0.474	ug/L	94
19) 1,1-Dichloroethane	3.23	63	8477	0.430	ug/L	98
21) 2-Butanone	4.06	43	9816m	3.865	ug/L	
22) cis-1,2-Dichloroethene	3.96	96	5211	0.475	ug/L	100
23) Bromochloromethane	4.30	128	2124	0.473	ug/L #	78
25) Chloroform	4.42	83	11909	0.552	ug/L	96
27) 1,2-Dichloroethane	5.18	62	5832	0.464	ug/L #	94
29) 1,1,1-Trichloroethane	4.66	97	8088	0.493	ug/L	98
30) Cyclohexane	4.73	56	8067	0.478	ug/L	96
31) Carbon tetrachloride	4.88	117	7116	0.493	ug/L	99
33) Benzene	5.15	78	18824	0.461	ug/L	100
34) Trichloroethene	5.96	95	5431	0.478	ug/L	96
35) Methylcyclohexane	6.17	83	8184	0.474	ug/L	96
37) 1,2-Dichloropropane	6.22	63	4719	0.483	ug/L #	90
38) Bromodichloromethane	6.56	83	6108	0.492	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	6067	0.441	ug/L	87
40) 4-Methyl-2-pentanone	7.28	43	22841	3.903	ug/L	98

IXI-D
07/23/19

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Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : VSTD0.531

Manual Integrations APPROVED
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7/25/2019 2:59:49 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	7.43	91	18925	0.441	ug/L		94
44) trans-1,3-Dichloropropene	7.70	75	5064	0.462	ug/L		93
45) 1,1,2-Trichloroethane	7.88	97	3200	0.472	ug/L		95
47) Tetrachloroethene	8.02	164	4808	0.558	ug/L		94
48) 2-Hexanone	8.19	43	15408	3.687	ug/L		98
49) Dibromochloromethane	8.29	129	3460	0.460	ug/L		98
50) 1,2-Dibromoethane	8.40	107	2766	0.443	ug/L	#	86
51) Chlorobenzene	8.93	112	13059	0.477	ug/L		96
52) Ethylbenzene	9.05	91	21372	0.449	ug/L		98
53) m,p-xylene	9.18	106	8125	0.456	ug/L		97
54) o-xylene	9.59	106	7938	0.479	ug/L		86
55) Styrene	9.60	104	13021	0.462	ug/L		98
56) Isopropylbenzene	9.97	105	22003	0.480	ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.28	83	3384	0.515	ug/L	#	95
59) 1,2,3-Trichloropropane	10.32	75	2613	0.440	ug/L		96
61) Bromoform	9.78	173	1976	0.519	ug/L	#	94
62) 1,3-Dichlorobenzene	11.23	146	10951	0.511	ug/L		96
63) 1,4-Dichlorobenzene	11.32	146	11490	0.523	ug/L		98
65) 1,2-Dichlorobenzene	11.69	146	9795	0.491	ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.48	75	540	0.478	ug/L		94
67) 1,3,5-Trichlorobenzene	12.69	180	9221	0.545	ug/L		96
68) 1,2,4-trichlorobenzene	13.31	180	7099	0.529	ug/L		100
69) Naphthalene	13.55	128	10341	0.503	ug/L		96
70) 1,2,3-Trichlorobenzene	13.79	180	6493	0.535	ug/L		99

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