Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031321\
Data File : VV020563.D
Acq On : 12 Mar 2021 14:02
Operator : SY/MD
Sample : VSTD00563
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 12 15:30:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 12 15:29:36 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD00563

Manual Integrations APPROVED
MMDadoda
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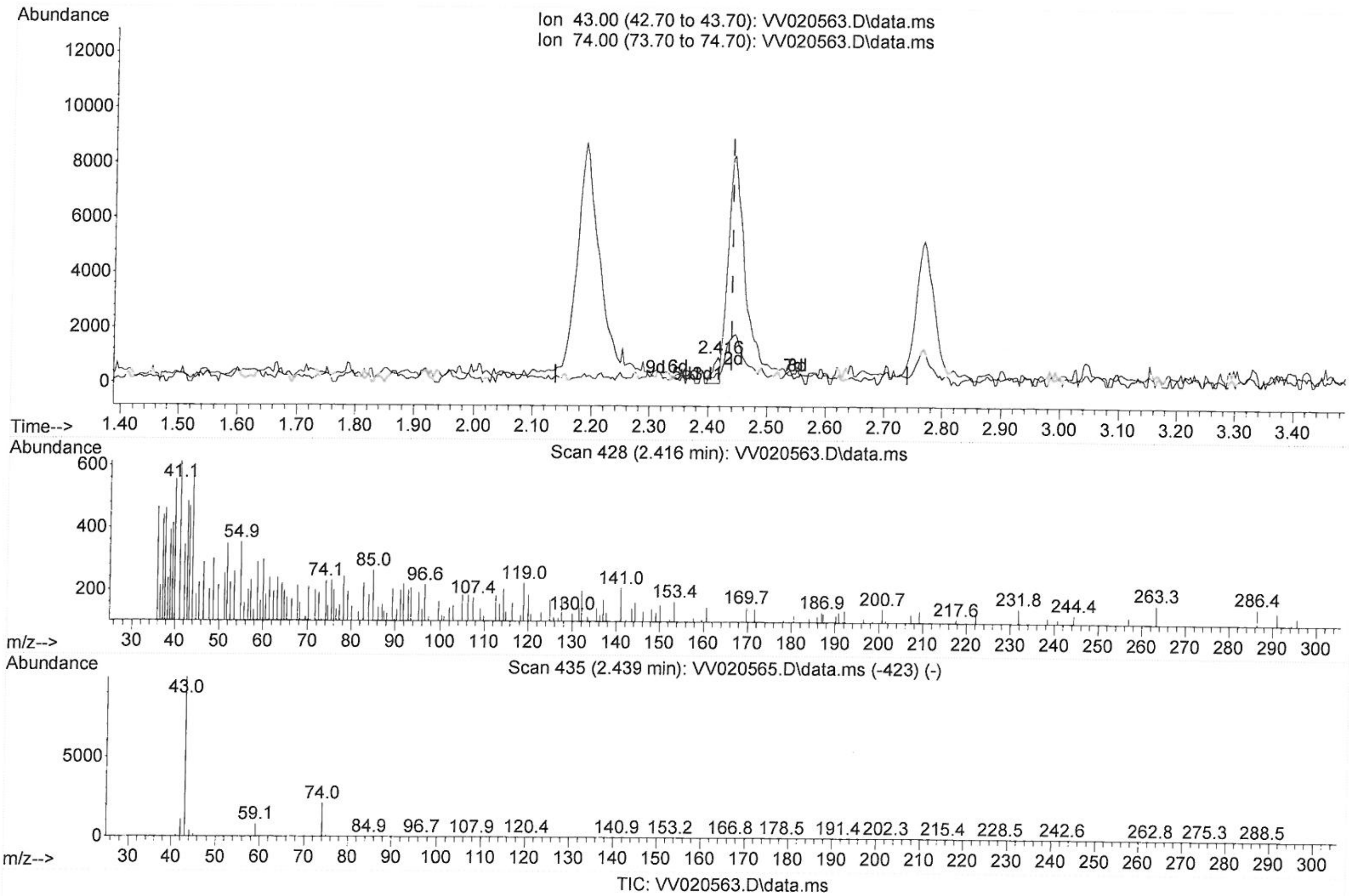

(15) Methyl Acetate (T)

2.416min (-0.022) 0.30 ug/L

response 835

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	22.00	25.99
0.00	0.00	0.00
0.00	0.00	0.00

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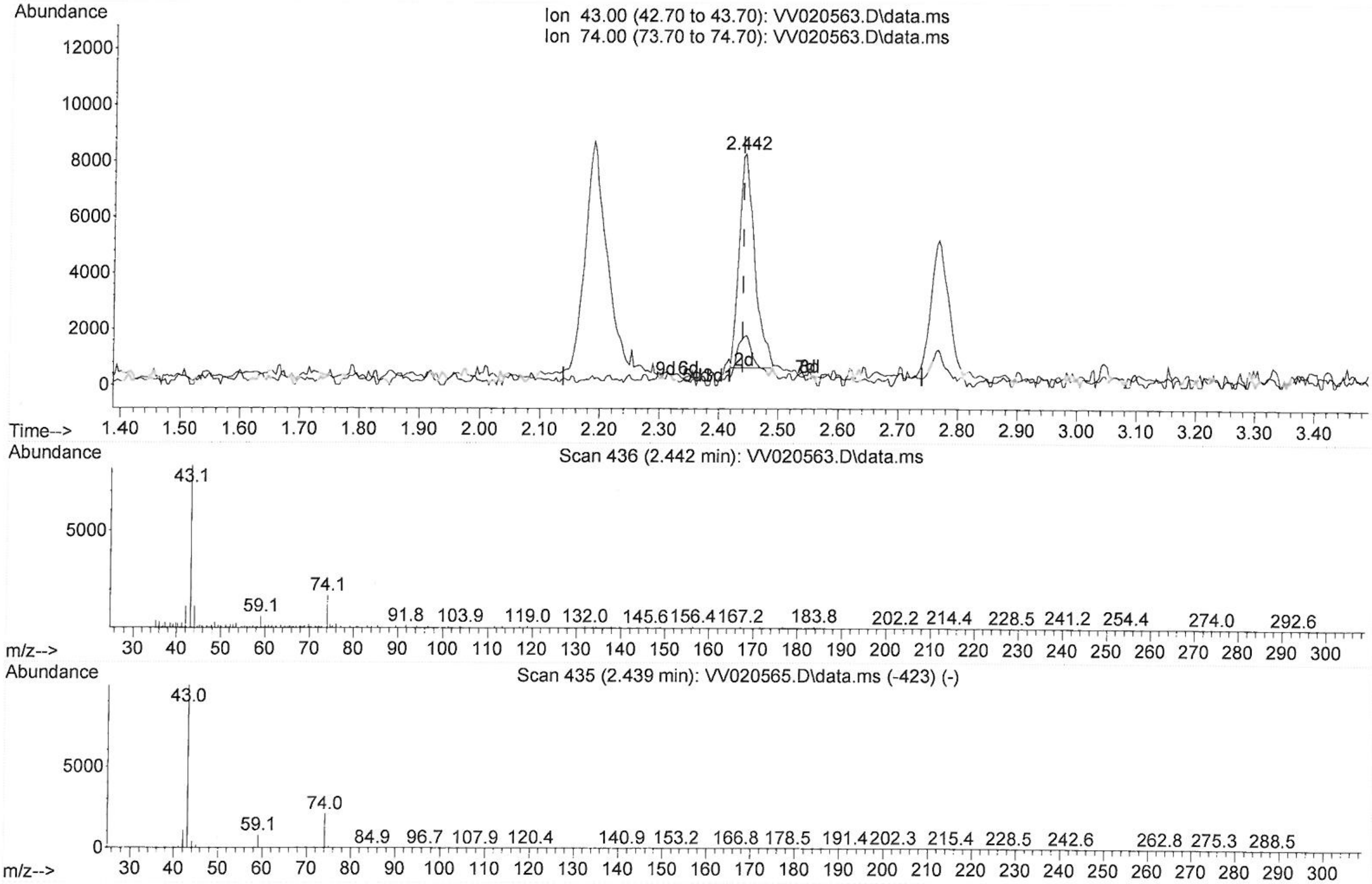

TIC: VV020563.D\data.ms

(15) Methyl Acetate (T)

2.442min (+ 0.003) 4.89 ug/L m > 03/17/21 SY

response 13838

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	22.00	1.57#
0.00	0.00	0.00
0.00	0.00	0.00

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ClientSampleId :
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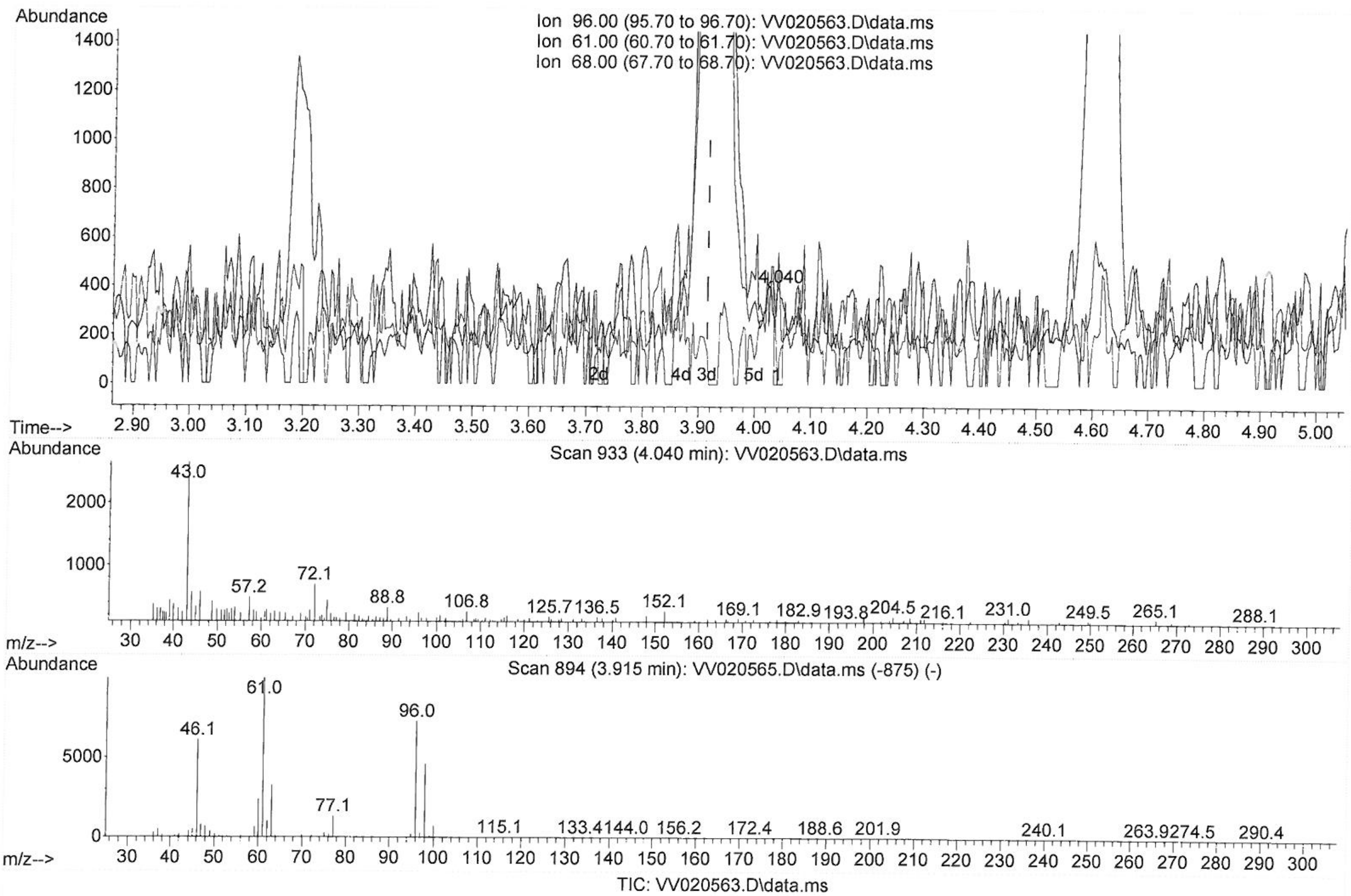

(20) cis-1,2-Dichloroethene (T)

4.040min (+ 0.125) 0.09 ug/L

response 290

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	138.40	134.91
68.00	0.00	0.00
0.00	0.00	0.00

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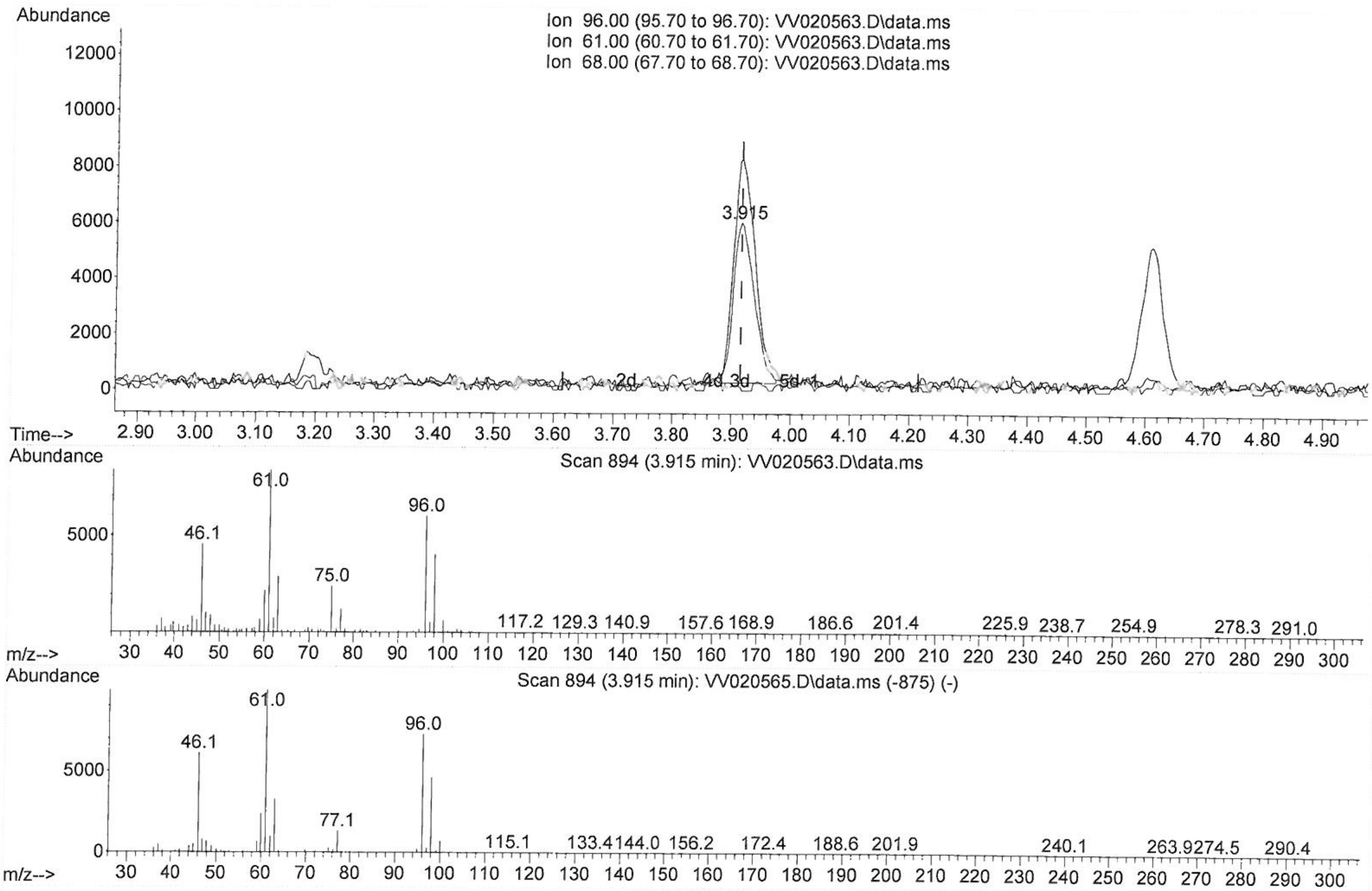

TIC: VV020563.D\data.ms

(20) cis-1,2-Dichloroethene (T)

3.915min (+ 0.000) 4.44 ug/L m >03/17/21 SY

response 14159

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	138.40	138.01
68.00	0.00	2.16#
0.00	0.00	0.00

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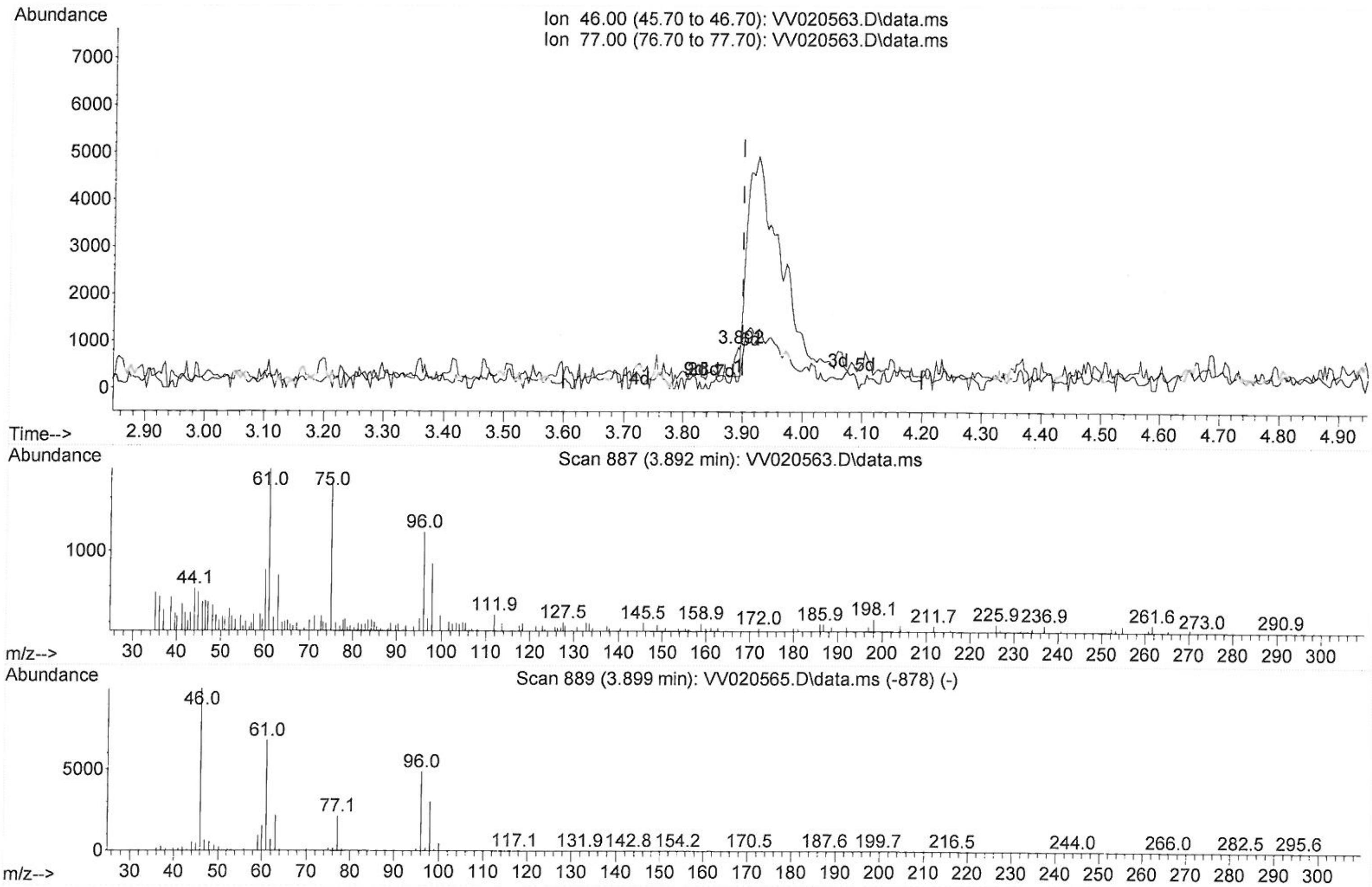

TIC: VV020563.D\data.ms

(21) 2-Butanone-d5 (S)

3.892min (-0.006) 0.22 ug/L

response 400

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	22.90	20.75
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Response via : Initial Calibration

Instrument :
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ClientSampleId :
VSTD00563

Manual Integrations APPROVED
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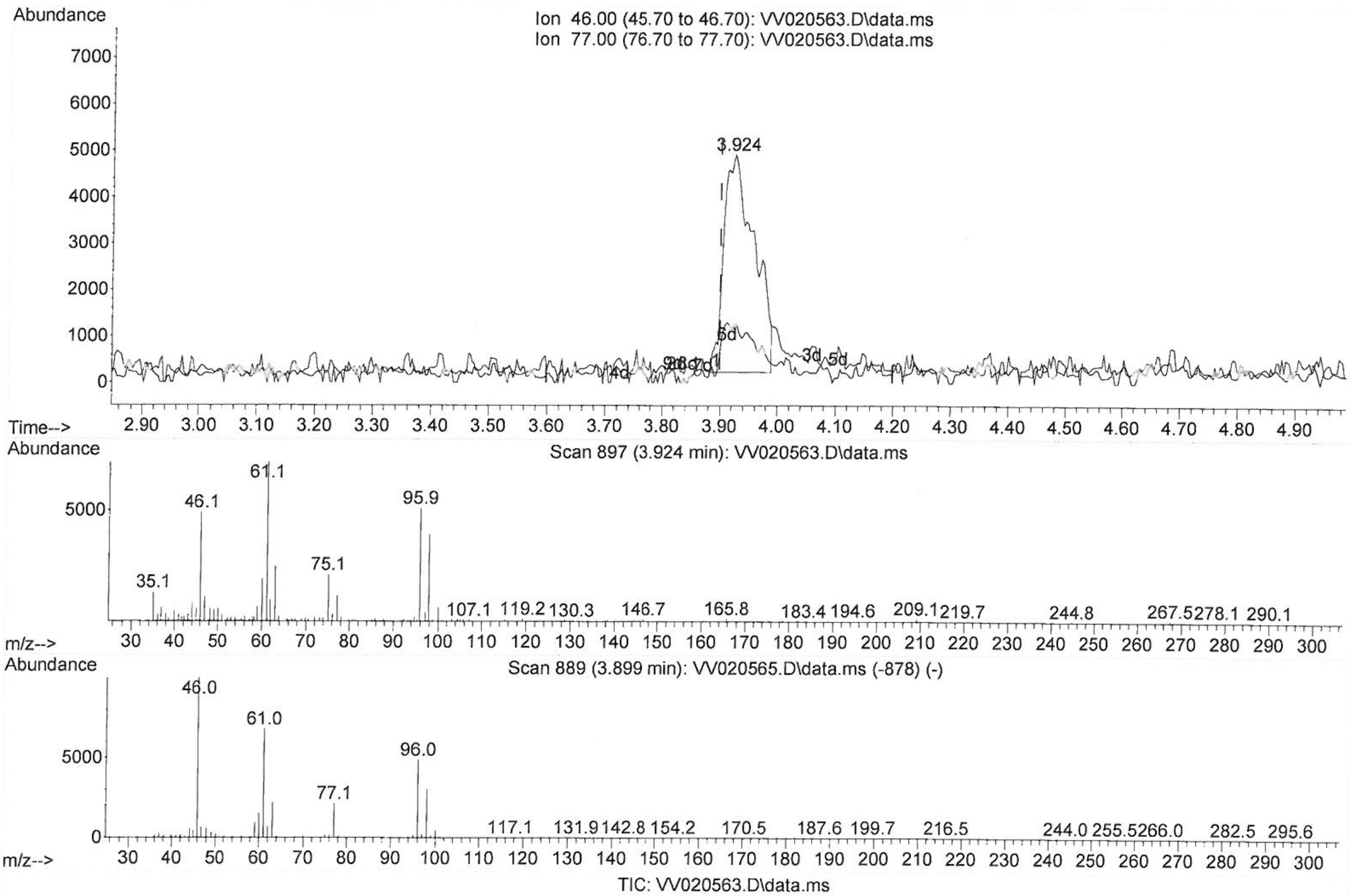

(21) 2-Butanone-d5 (S)

3.924min (+ 0.026) 9.64 ug/L m >63/17/21 SY

response 17360

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	22.90	0.48#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 12 Mar 2021 14:02
Operator : SY/MD
Sample : VSTD00563
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00563

Manual Integrations APPROVED
MMDadoda
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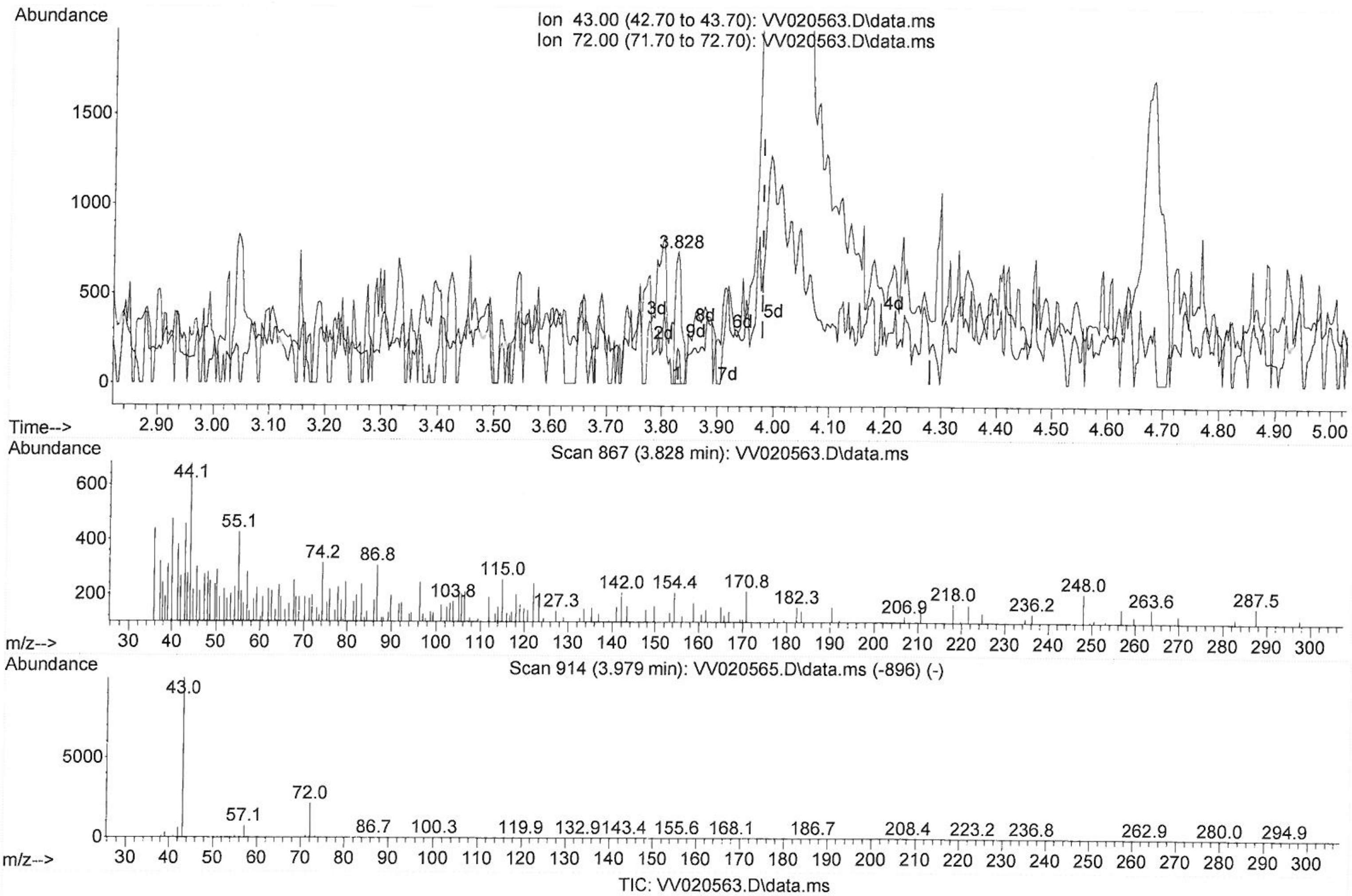

(22) 2-Butanone (T)

3.828min (-0.151) 0.29 ug/L

response 553

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	24.40	13.20
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031321\
Data File : VV020563.D
Acq On    : 12 Mar 2021  14:02
Operator  : SY/MD
Sample    : VSTD00563
Misc      : 5.0mL/MSVOA_V/WATER
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Mar 12 15:30:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
Quant Title  : VOC Analysis
QLast Update : Fri Mar 12 15:29:36 2021
Response via : Initial Calibration
```

Instrument :
MSVOA_V
ClientSampleId :
VSTD00563

Manual Integrations APPROVED
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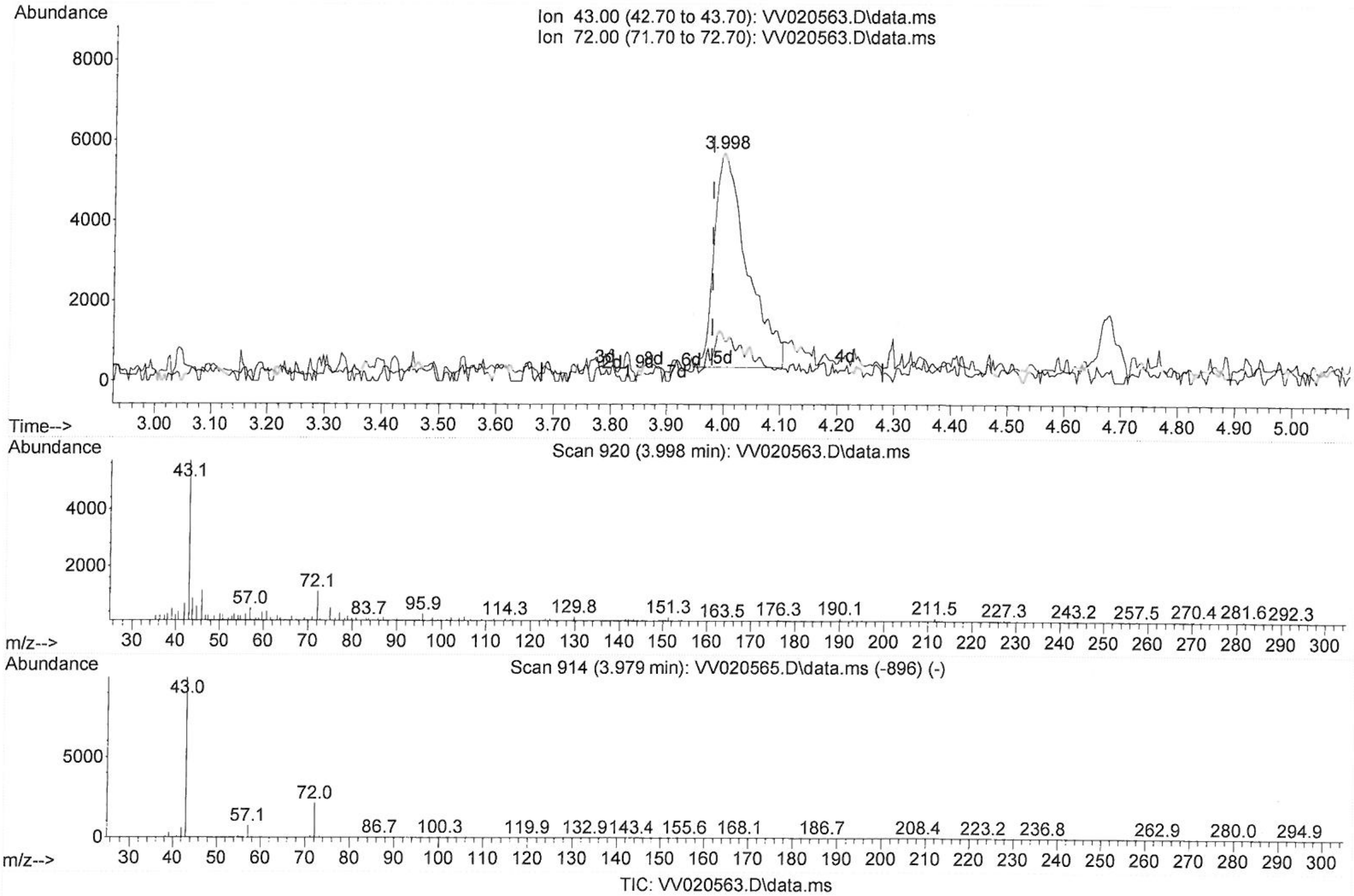

(22) 2-Butanone (T)

3.998min (+ 0.019) 11.38 ug/L m ≥03/17/21 Sy

response 21661

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	24.40	0.34#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	5.616	114	443559	50.00 ug/L	0.00
28) Chlorobenzene-d5	8.853	117	429653	50.00 ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	200691	50.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.307	65	17625	5.31 ug/L	0.00
7) Chloroethane-d5	1.571	69	14363	5.54 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	33828	5.89 ug/L	0.00
21) 2-Butanone-d5	3.924	46	17360m	9.64 ug/L	0.03
24) Chloroform-d	4.352	84	28582	4.97 ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	17432	4.85 ug/L	0.00
32) Benzene-d6	5.053	84	55392	5.01 ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	16354	4.81 ug/L	0.00
41) Toluene-d8	7.320	98	46693	4.46 ug/L	0.00
43) trans-1,3-Dichloroprop...	7.628	79	6647	4.12 ug/L	0.00
47) 2-Hexanone-d5	8.104	63	8433	6.88 ug/L	0.01
57) 1,1,2,2-Tetrachloroeth...	10.223	84	19679	4.46 ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.632	152	18778	4.82 ug/L	0.00

03/17/21 SY

Compound	R.T.	QIon	Response	Conc Units	Qvalue
Target Compounds					
2) Dichlorodifluoromethane	1.130	85	19905	5.00 ug/L	99
3) Chloromethane	1.243	50	20582	5.56 ug/L	95
5) Vinyl chloride	1.314	62	21788	5.69 ug/L	100
6) Bromomethane	1.526	94	12842	5.03 ug/L	91
8) Chloroethane	1.587	64	13045	5.93 ug/L	91
9) Trichlorofluoromethane	1.754	101	30260	5.55 ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	16515	5.61 ug/L	96
12) 1,1-Dichloroethene	2.121	96	15303	5.28 ug/L	86
13) Acetone	2.188	43	21436	16.48 ug/L	73
14) Carbon disulfide	2.297	76	46635	5.67 ug/L	98
15) Methyl Acetate	2.442	43	13838m	4.89 ug/L	
16) Methylene chloride	2.510	84	17507	5.51 ug/L	98
17) trans-1,2-Dichloroethene	2.760	96	16201	5.34 ug/L	99
18) Methyl tert-butyl Ether	2.767	73	44324	5.25 ug/L	97
19) 1,1-Dichloroethane	3.191	63	29211	5.58 ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	14159m	4.44 ug/L	
22) 2-Butanone	3.998	43	21661m	11.38 ug/L	
23) Bromochloromethane	4.256	128	7527	4.25 ug/L	95
25) Chloroform	4.384	83	32130	5.60 ug/L	97
27) 1,2-Dichloroethane	5.137	62	24779	5.80 ug/L	98
29) Cyclohexane	4.677	56	24704	5.95 ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	26049	5.42 ug/L	98
31) Carbon tetrachloride	4.834	117	20491	4.87 ug/L	94
33) Benzene	5.104	78	62572	5.36 ug/L	100
34) Trichloroethene	5.918	95	18252	5.28 ug/L	97
35) Methylcyclohexane	6.127	83	23228	5.14 ug/L	94
37) 1,2-Dichloropropane	6.182	63	15674	5.34 ug/L #	94
38) Bromodichloromethane	6.513	83	20491	5.20 ug/L	98
39) cis-1,3-Dichloropropene	7.034	75	20964	4.73 ug/L	95
40) 4-Methyl-2-pentanone	7.233	43	41760	11.43 ug/L	97
42) Toluene	7.394	91	60355	4.76 ug/L	97
44) trans-1,3-Dichloropropene	7.661	75	19449	4.49 ug/L	99

03/17/21 SY

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3/15/2021 10:04:34 AM

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.844	97	13190	4.29 ug/L	96
46) Tetrachloroethene	7.979	164	11389	4.14 ug/L	93
48) 2-Hexanone	8.149	43	33660	11.85 ug/L #	91
49) Dibromochloromethane	8.249	129	14756	4.46 ug/L	96
50) 1,2-Dibromoethane	8.358	107	16008	4.88 ug/L	93
51) Chlorobenzene	8.886	112	43785	4.99 ug/L	95
52) Ethylbenzene	9.017	91	69527	4.94 ug/L	97
53) m,p-Xylene	9.143	106	25107	4.67 ug/L	93
54) o-xylene	9.548	106	23953	4.62 ug/L	99
55) Styrene	9.567	104	39595	4.41 ug/L	95
56) Isopropylbenzene	9.937	105	63474	4.59 ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.246	83	19762	4.66 ug/L	100
59) 1,2,3-Trichloropropane	10.278	75	19907	5.11 ug/L	97
61) Bromoform	9.738	173	8542	4.24 ug/L	91
62) 1,3-Dichlorobenzene	11.188	146	31531	5.15 ug/L	96
63) 1,4-Dichlorobenzene	11.278	146	34190	5.36 ug/L	98
65) 1,2-Dichlorobenzene	11.651	146	31233	5.08 ug/L	95
66) 1,2-Dibromo-3-chloropr...	12.439	75	3856	4.96 ug/L	91
67) 1,3,5-Trichlorobenzene	12.651	180	22891	4.90 ug/L	99
68) 1,2,4-trichlorobenzene	13.271	180	18454	4.58 ug/L	97
69) Naphthalene	13.512	128	55190	4.97 ug/L	98
70) 1,2,3-Trichlorobenzene	13.754	180	18648	4.59 ug/L	97

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

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