

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031820\
Quantitation Report (Qedit)

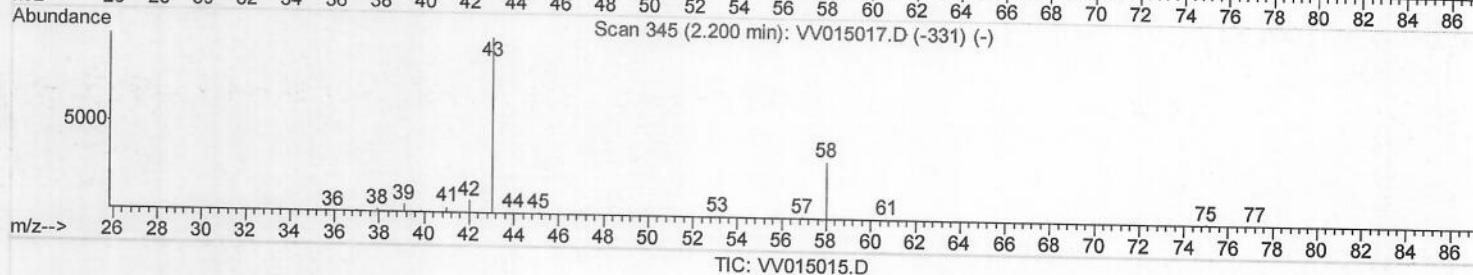
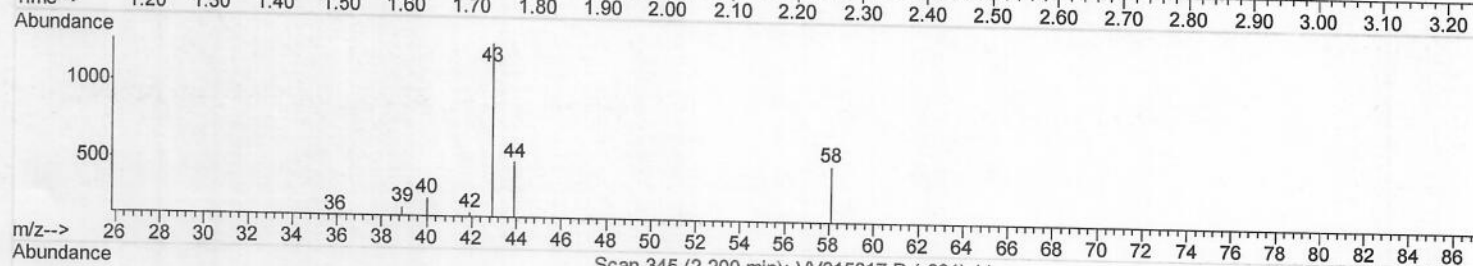
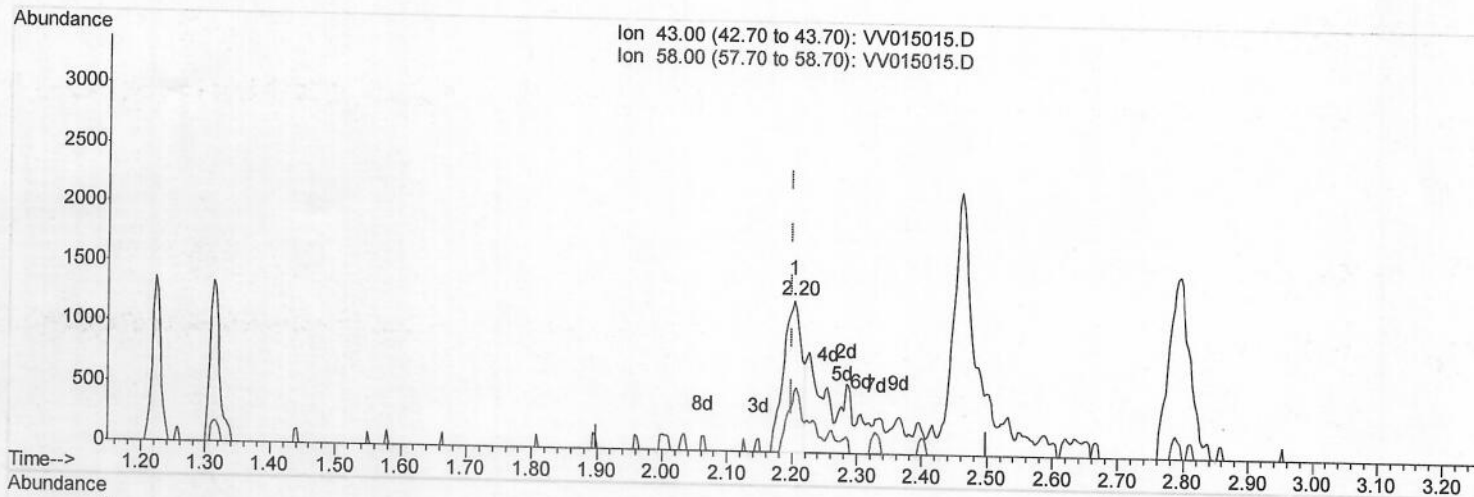
Data File : VV015015.D
Acq On : 18 Mar 2020 13:37
Operator : SY/MD
Sample : VSTD00564
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00564

Manual Integrations
APPROVED

sam
3/19/2020 11:30:31 AM

Quant Time: Mar 19 02:04:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031820WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 19 02:01:59 2020
Response via : Initial Calibration



(13) Acetone (T)

2.203min (+0.003) 4.06ug/L

response 2463

Ion	Exp%	Act%
43.00	100	100
58.00	21.60	31.34
0.00	0.00	0.00
0.00	0.00	0.00

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Quantitation Report (Qedit)

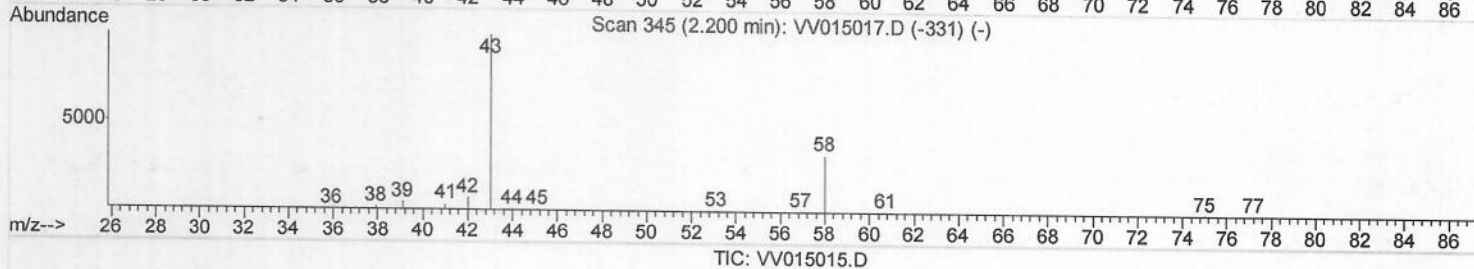
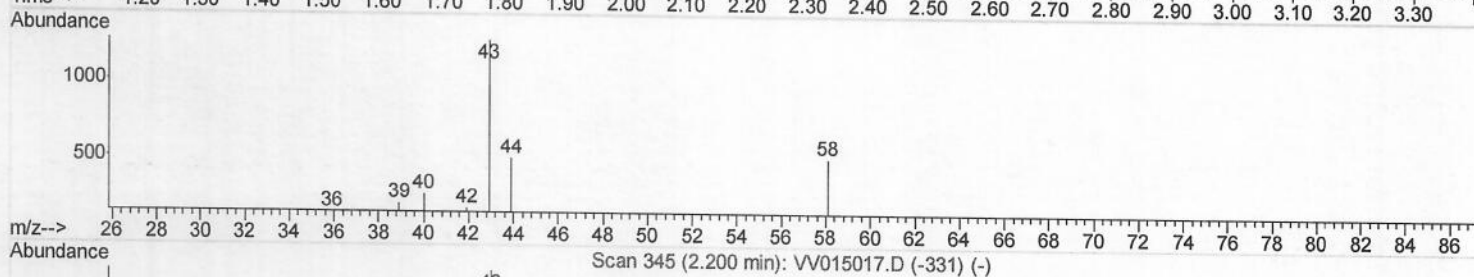
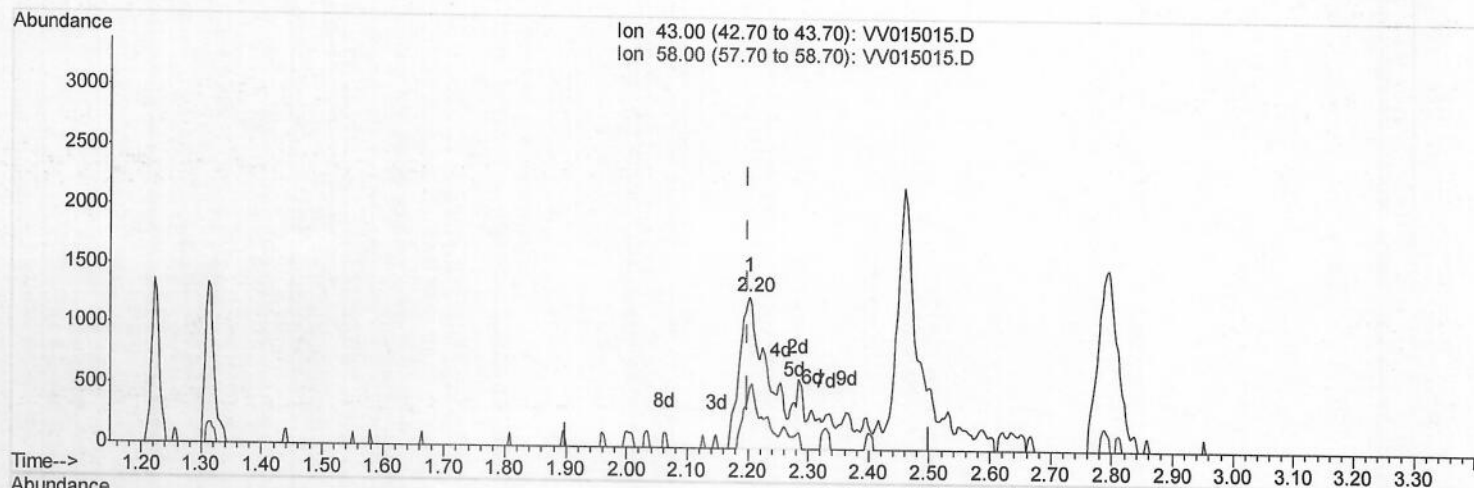
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

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Response via : Initial Calibration



(13) Acetone (T)

2.203min (+0.003) 10.18ug/L m >

response 6178

Ion	Exp%	Act%
43.00	100	100
58.00	21.60	12.50
0.00	0.00	0.00
0.00	0.00	0.00

MD
03/30/2020

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031820\
Quantitation Report (Qedit)

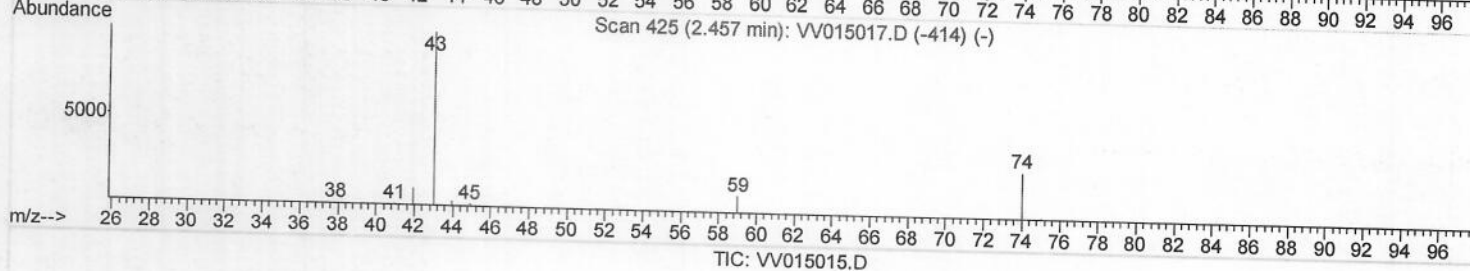
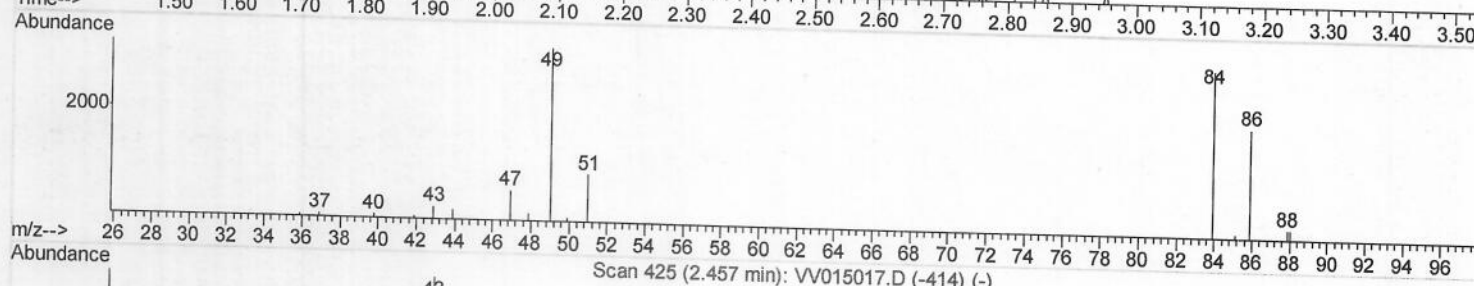
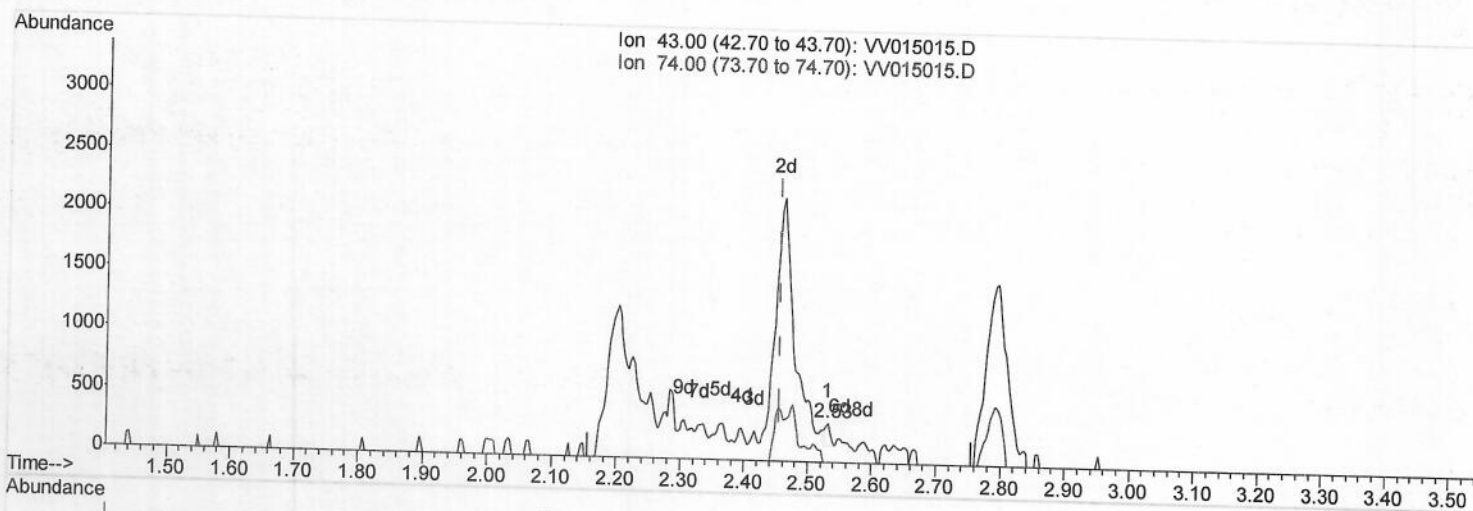
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Operator : SY/MD
Sample : VSTD00564
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00564

Manual Integrations
APPROVED

sam
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031820WMA.M
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Response via : Initial Calibration



(15) Methyl Acetate (T)

2.531min (+0.074) 0.10ug/L

response 107

Ion	Exp%	Act%
43.00	100	100
74.00	27.80	29.91
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031820\
Quantitation Report (Qedit)

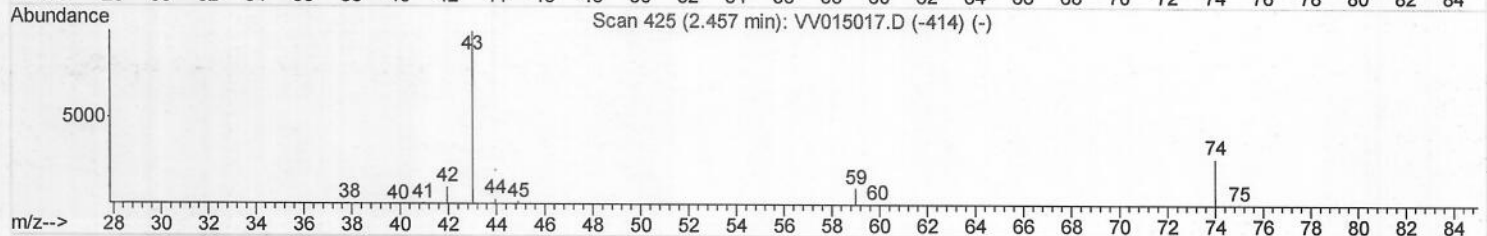
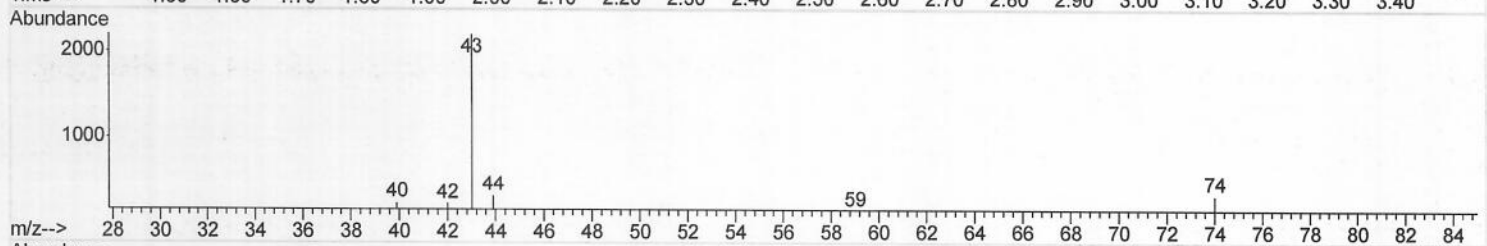
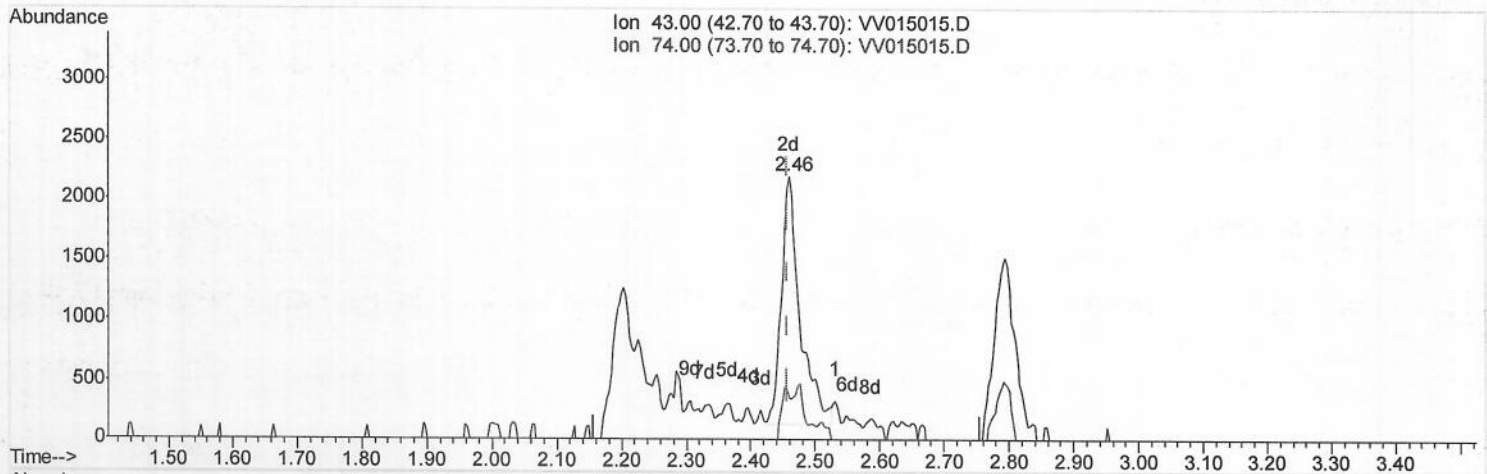
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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Quant Title : VOC Analysis
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(15) Methyl Acetate (T)

2.460min (+0.003) 3.99ug/L m

response 4172

Ion	Exp%	Act%
43.00	100	100
74.00	27.80	0.77#
0.00	0.00	0.00
0.00	0.00	0.00

MD
03/30/2020

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031820\
Quantitation Report (Qedit)

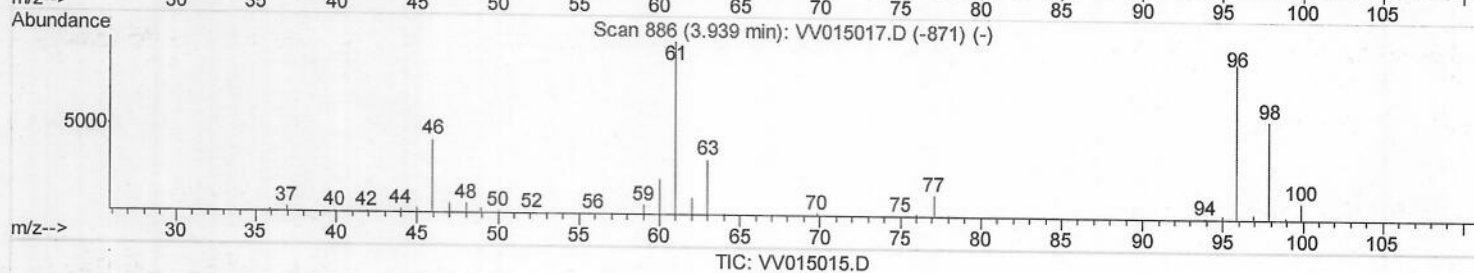
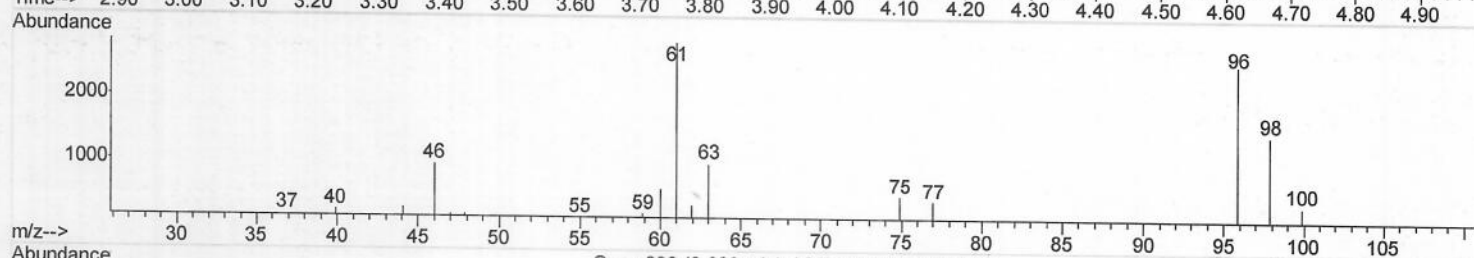
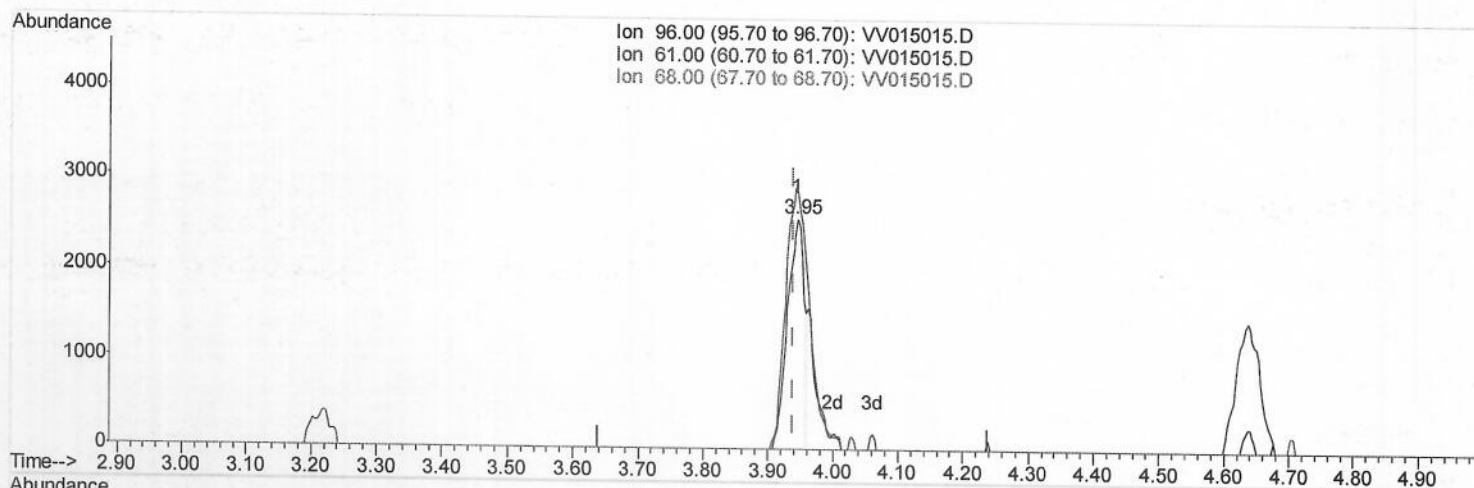
Data File : VV015015.D
Acq On : 18 Mar 2020 13:37
Operator : SY/MD
Sample : VSTD00564
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00564

Manual Integrations
APPROVED

sam
3/19/2020 11:30:31 AM

Quant Time: Mar 19 02:04:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031820WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 19 02:01:59 2020
Response via : Initial Calibration



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

3.946min (+0.007) 2.88ug/L

response 4591

Ion	Exp%	Act%
96.00	100	100
61.00	111.80	111.88
68.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031820\
Quantitation Report (Qedit)

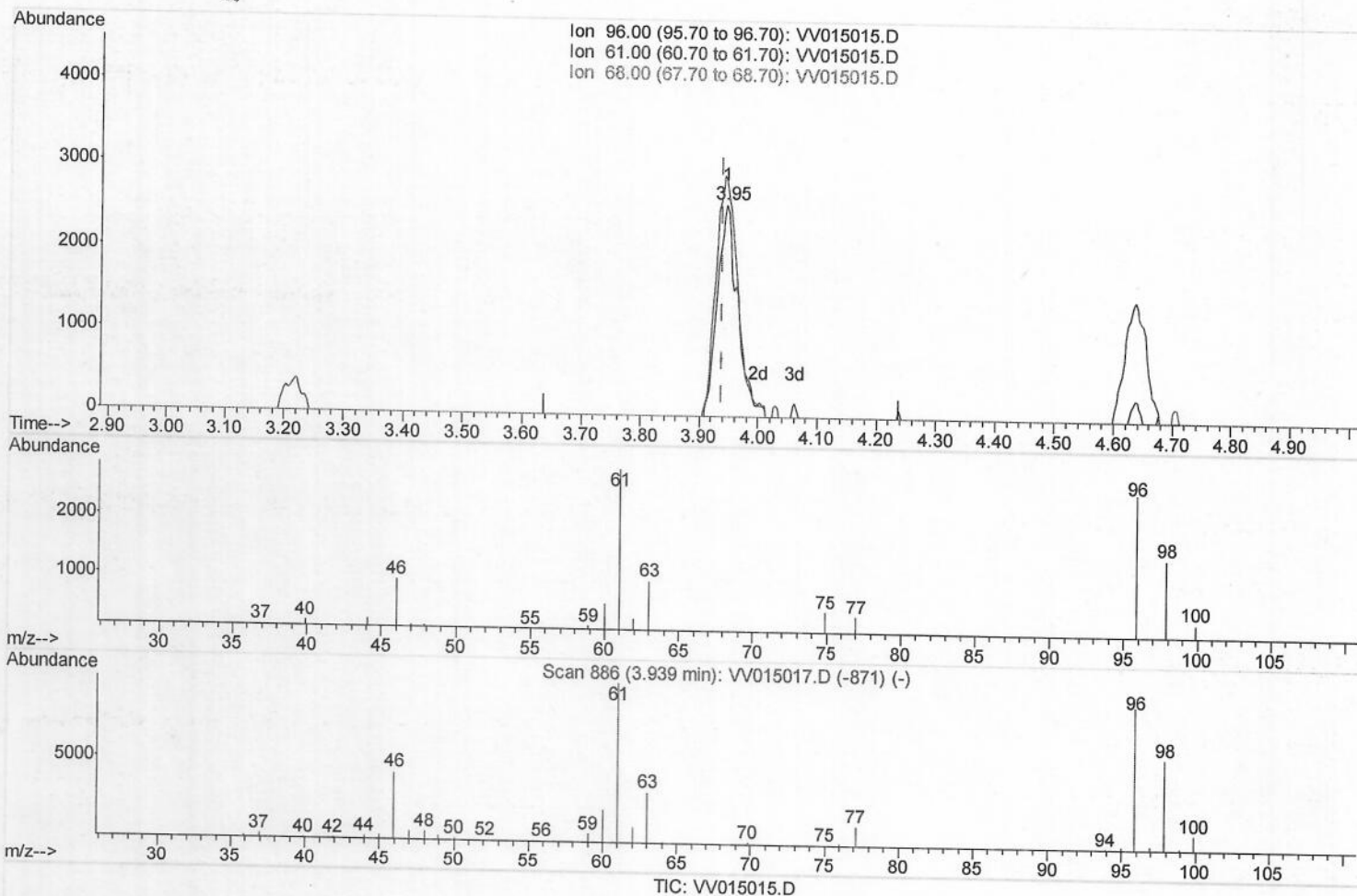
Data File : VV015015.D
Acq On : 18 Mar 2020 13:37
Operator : SY/MD
Sample : VSTD00564
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00564

Manual Integrations
APPROVED

sam
3/19/2020 11:30:31 AM

Quant Time: Mar 19 02:04:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031820WMA.M
Quant Title : VOC Analysis
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Response via : Initial Calibration



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

3.946min (+0.007) 3.91ug/L m²

response 6223

Ion	Exp%	Act%
96.00	100	100
61.00	111.80	111.88
68.00	0.00	0.00
0.00	0.00	0.00

MD
03/30/2020

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031820\
Quantitation Report (Qedit)

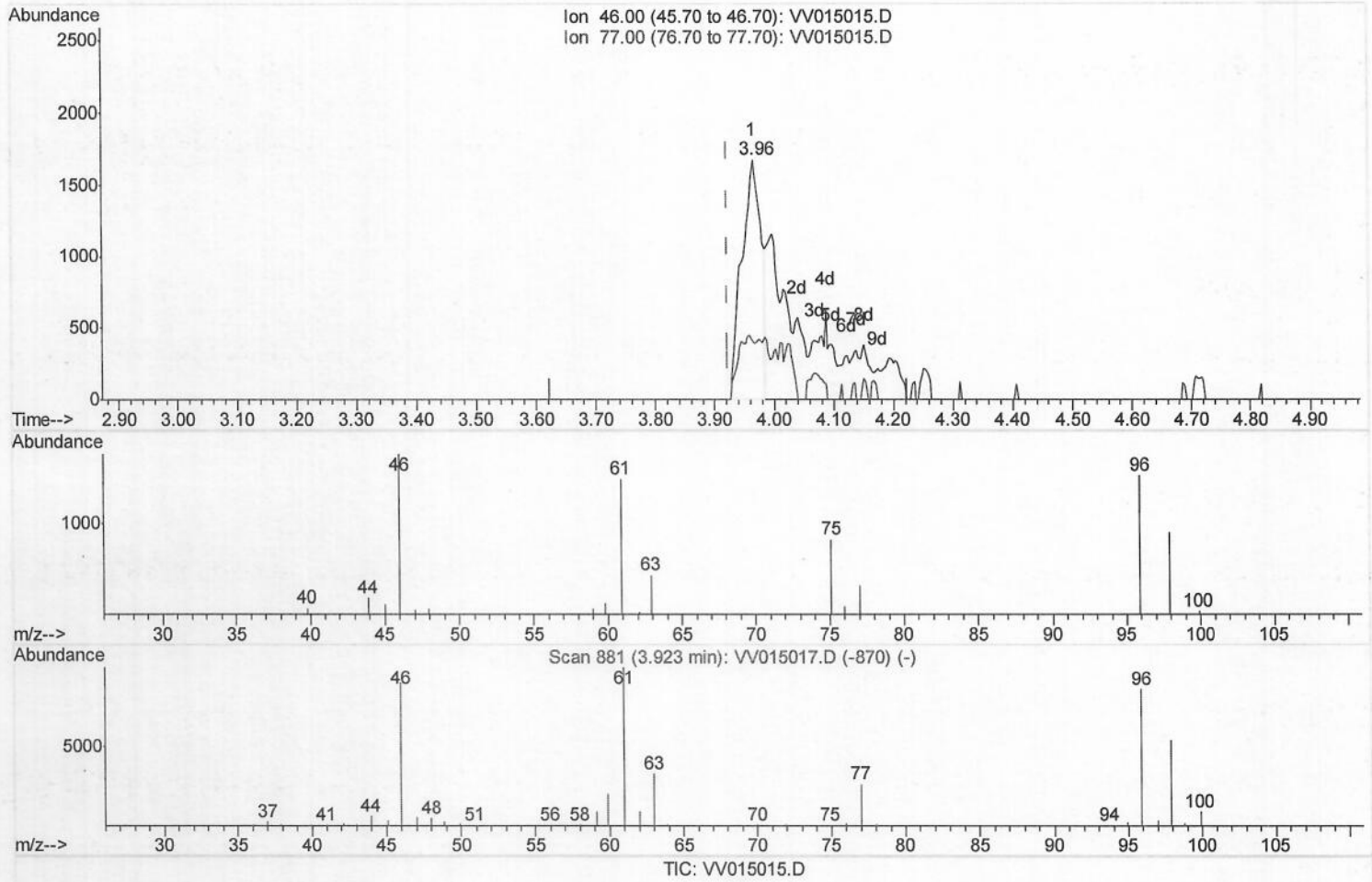
Data File : VV015015.D
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Sample : VSTD00564
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00564

Manual Integrations
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(21) 2-Butanone-d5 (S)

3.965min (+0.042) 4.99ug/L

response 3753

Ion	Exp%	Act%
46.00	100	100
77.00	27.00	9.89#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031820\
Quantitation Report (Qedit)

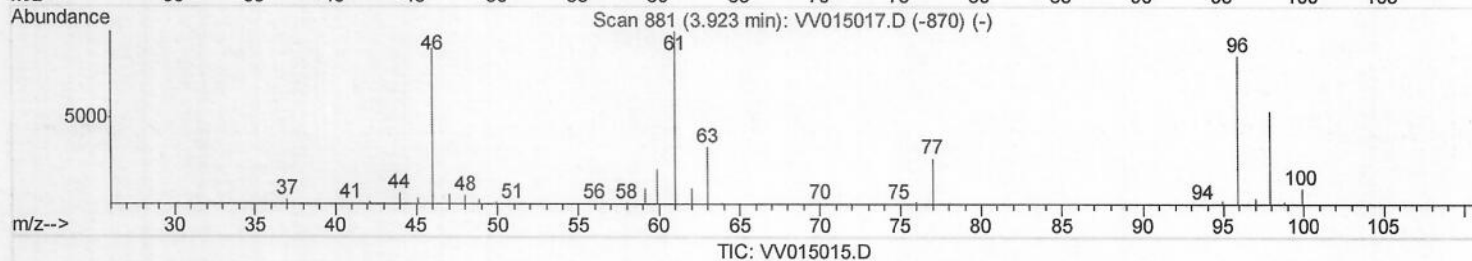
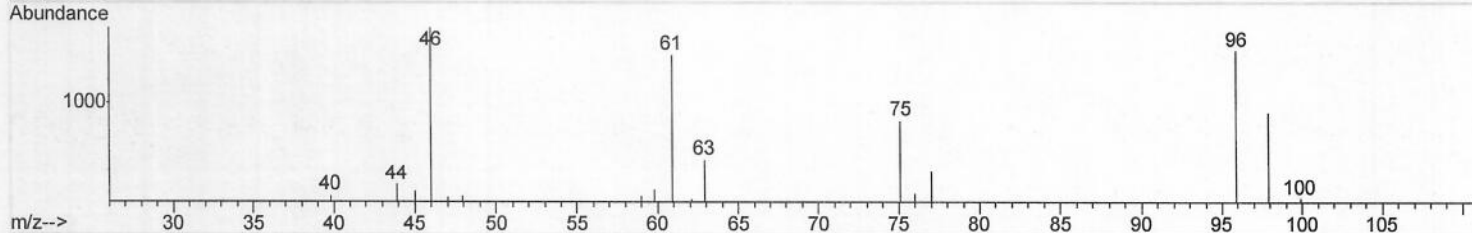
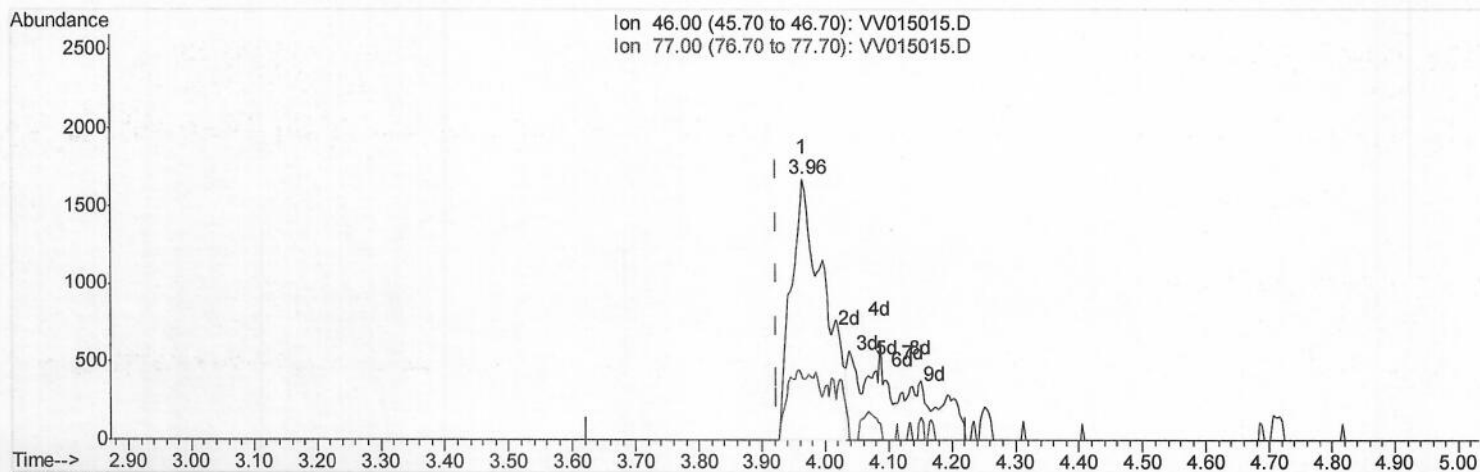
Data File : VV015015.D
Acq On : 18 Mar 2020 13:37
Operator : SY/MD
Sample : VSTD00564
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
Client Sampled :
VSTD00564

Manual Integrations
APPROVED

sam
3/19/2020 11:30:31 AM

Quant Time: Mar 19 02:04:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031820WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 19 02:01:59 2020
Response via : Initial Calibration



(21) 2-Butanone-d5 (S)

3.965min (+0.042) 8.13ug/L m >

response 6112

Ion	Exp%	Act%
46.00	100	100
77.00	27.00	6.07#
0.00	0.00	0.00
0.00	0.00	0.00

MD
03/30/2020

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031820\
Quantitation Report (Qedit)

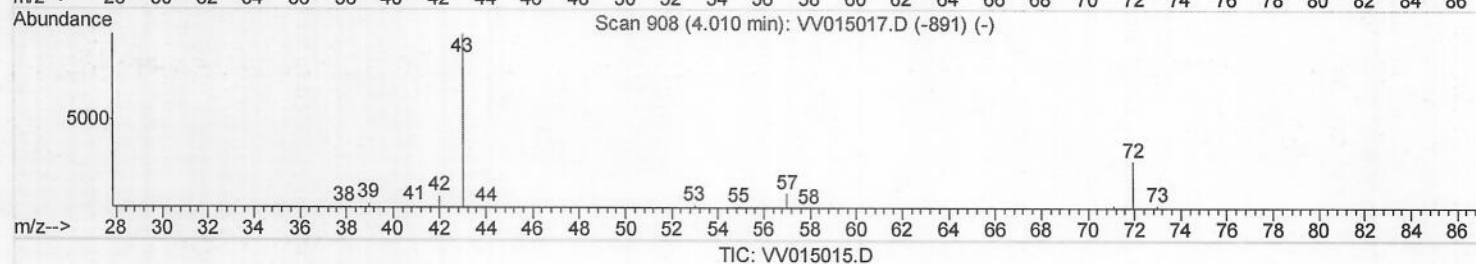
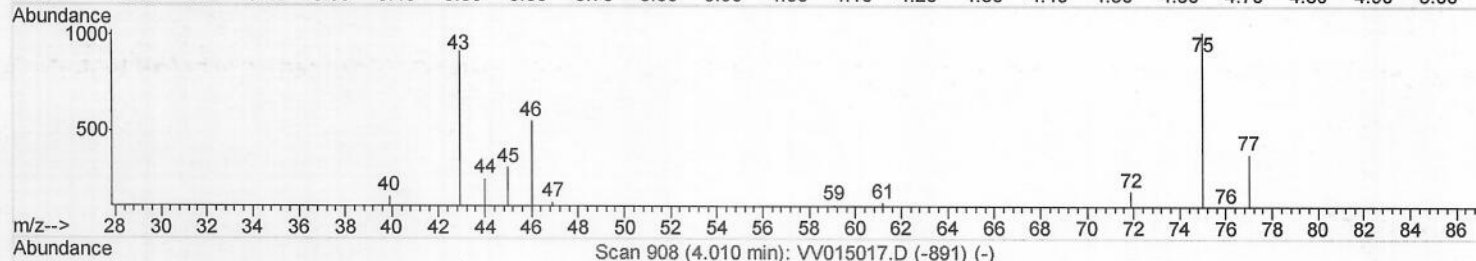
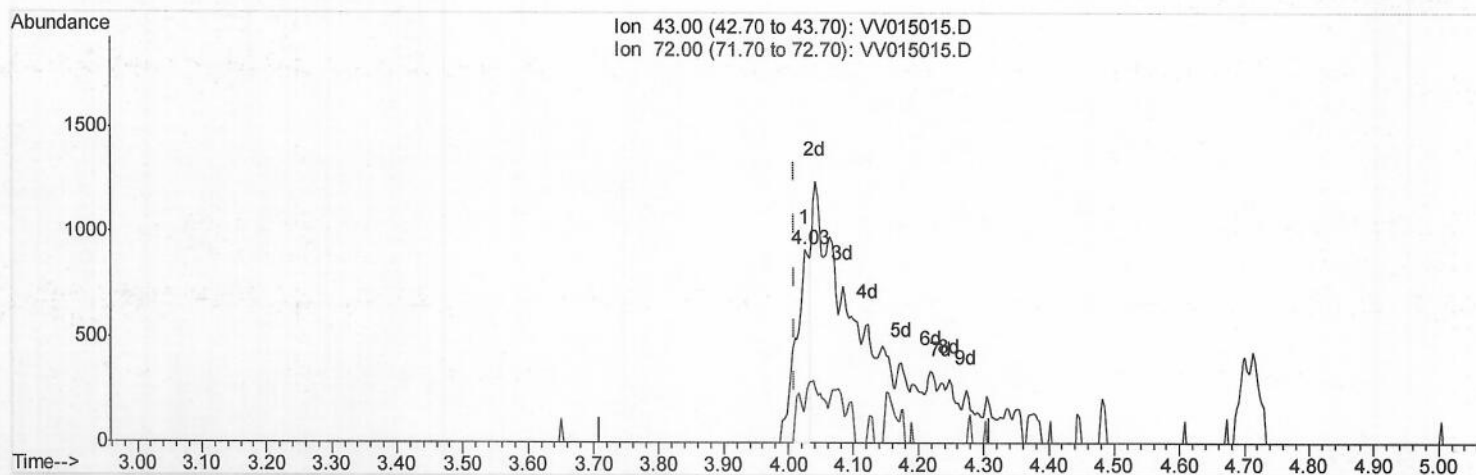
Data File : VV015015.D
Acq On : 18 Mar 2020 13:37
Operator : SY/MD
Sample : VSTD00564
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00564

Manual Integrations
APPROVED

sam
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Quant Time: Mar 19 02:04:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031820WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 19 02:01:59 2020
Response via : Initial Calibration



(22) 2-Butanone (T)

4.026min (+0.016) 1.61ug/L

response 1348

Ion	Exp%	Act%
43.00	100	100
72.00	24.80	13.35
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031820\
Quantitation Report (Qedit)

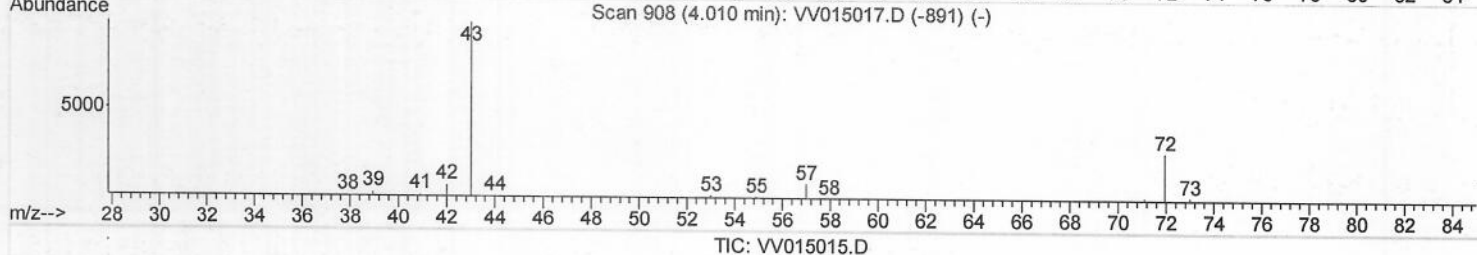
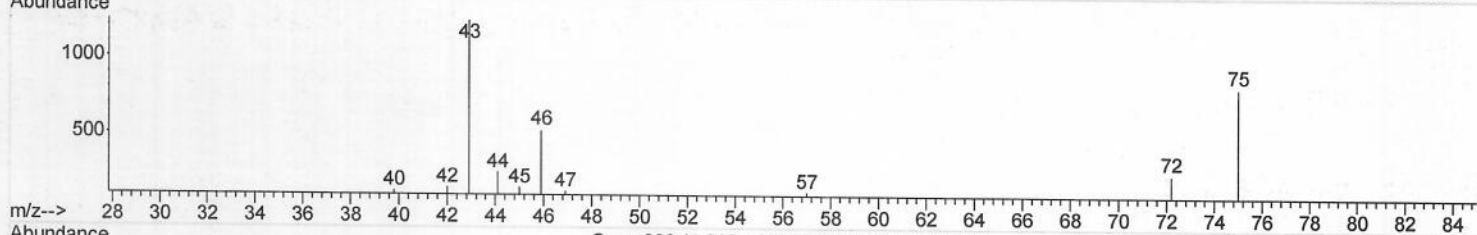
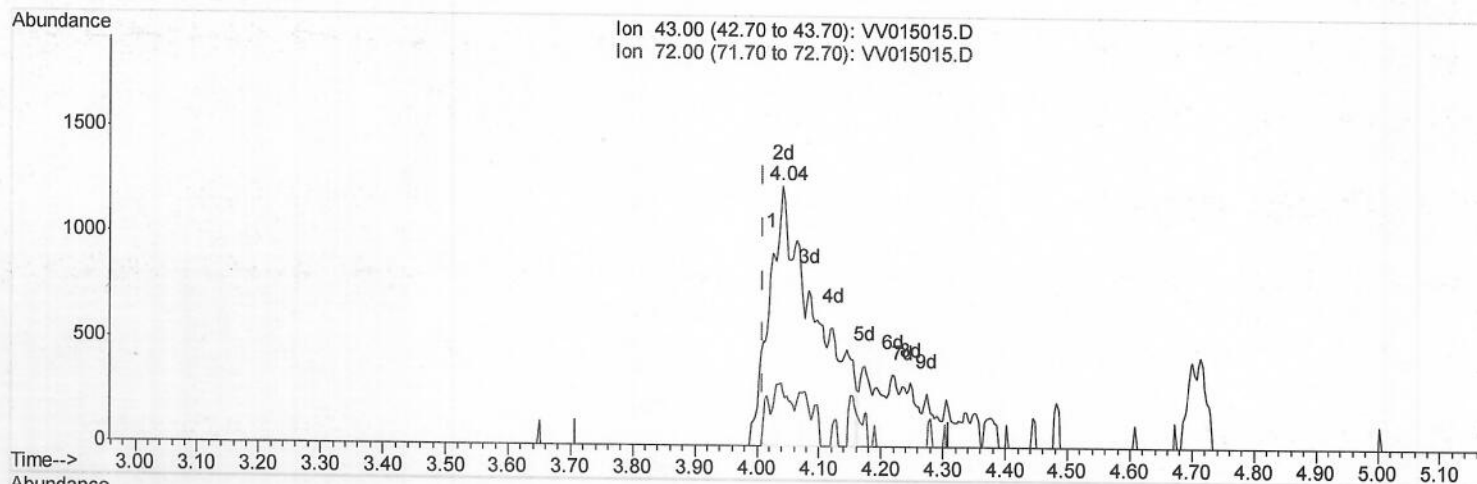
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Client Sampled :
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Manual Integrations
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(22) 2-Butanone (T)

4.042min (+0.032) 7.70ug/L m

response 6445

Ion	Exp%	Act%
43.00	100	100
72.00	24.80	2.79#
0.00	0.00	0.00
0.00	0.00	0.00

MD
03/30/2020

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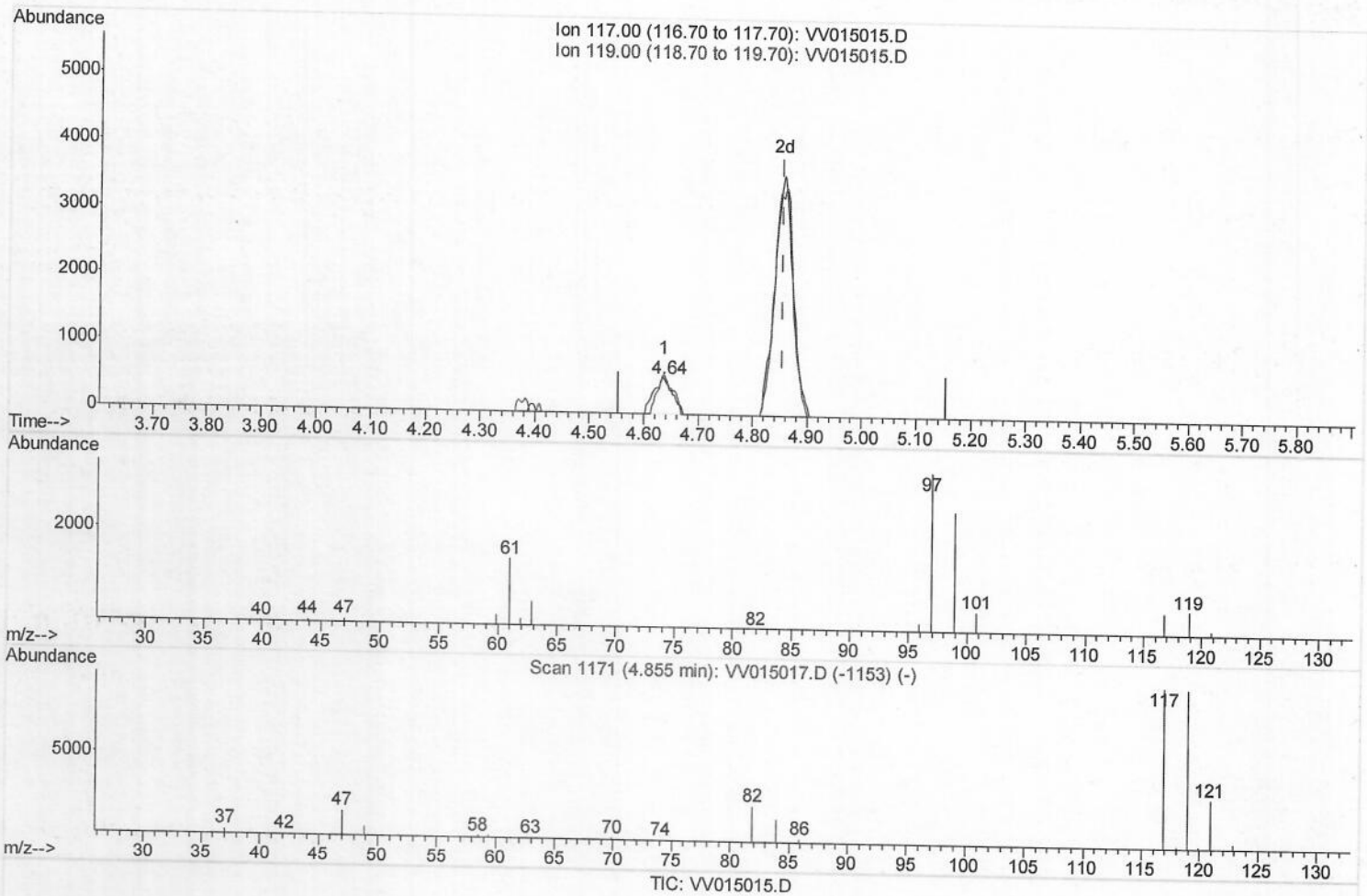
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ClientSampleId :
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(31) Carbon tetrachloride (T)

4.637min (-0.219) 0.59ug/L

response 1282

Ion	Exp%	Act%
117.00	100	100
119.00	95.70	89.78
0.00	0.00	0.00
0.00	0.00	0.00

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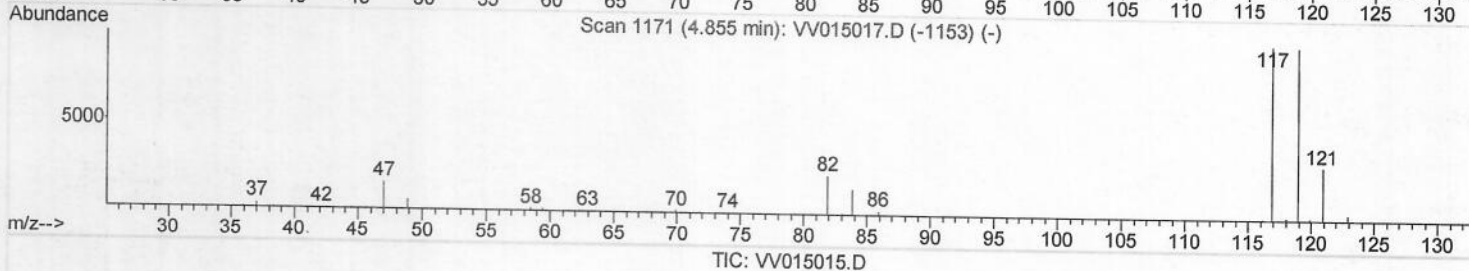
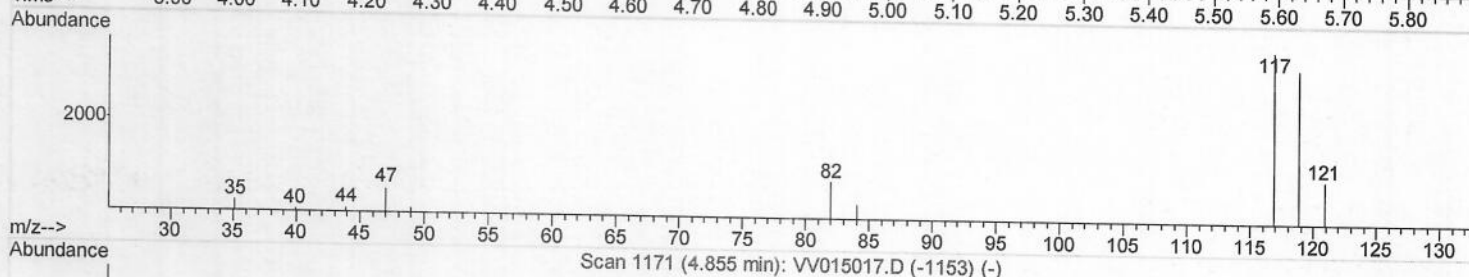
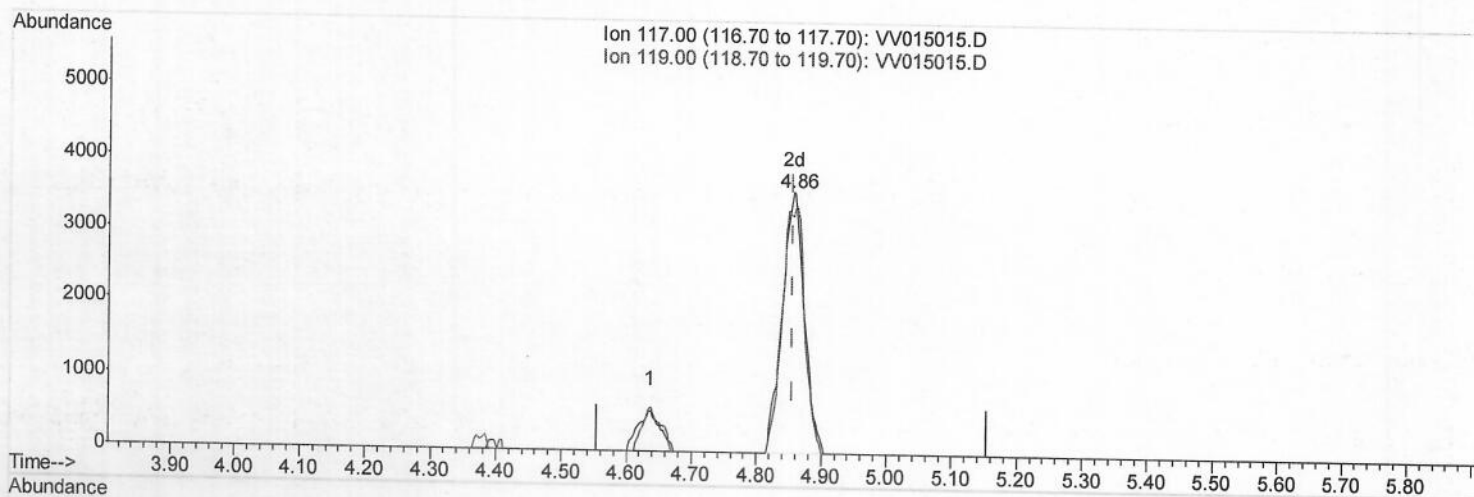
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Response via : Initial Calibration



(31) Carbon tetrachloride (T)

4.856min (+0.000) 3.86ug/L m

response 8373

Ion	Exp%	Act%
117.00	100	100
119.00	95.70	13.75#
0.00	0.00	0.00
0.00	0.00	0.00

MD
03/30/2020

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Manual Integrations
APPROVED

sam
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Quant Time: Mar 19 02:20:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031820WMA.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	233404	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	223720	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	111176	50.00	ug/L	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) Vinyl Chloride-d3	1.31	65	5764	5.29	ug/L	0.00
7) Chloroethane-d5	1.58	69	4672	5.46	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	9347	5.01	ug/L	0.00
21) 2-Butanone-d5	3.96	46	6112m	8.13	ug/L	0.04
24) Chloroform-d	4.38	84	14204	5.09	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	9494	5.40	ug/L	0.00
32) Benzene-d6	5.08	84	27087	5.10	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	8186	5.27	ug/L	0.00
41) Toluene-d8	7.34	98	27379	5.12	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	3728	4.49	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	6754	9.44	ug/L	0.01
57) 1,1,2,2-Tetrachloroethane-	10.24	84	11702	5.01	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	12807	5.74	ug/L	0.00

MD
03/30/2020

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.14	85	8128	4.074	ug/L	97
3) Chloromethane	1.25	50	6007	4.429	ug/L	95
5) Vinyl chloride	1.32	62	5687	4.335	ug/L	99
6) Bromomethane	1.53	94	3479	4.087	ug/L	98
8) Chloroethane	1.60	64	2809	3.974	ug/L	89
9) Trichlorofluoromethane	1.76	101	8344	3.998	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	4089	4.074	ug/L	92
12) 1,1-Dichloroethene	2.13	96	3648	3.841	ug/L #	58
13) Acetone	2.20	43	6178m	10.181	ug/L	100
14) Carbon disulfide	2.31	76	13410	3.984	ug/L	100
15) Methyl Acetate	2.46	43	4172m	3.987	ug/L	95
16) Methylene chloride	2.52	84	6533	4.340	ug/L	95
17) trans-1,2-Dichloroethene	2.78	96	5778	4.053	ug/L	93
18) Methyl tert-butyl Ether	2.79	73	16542	3.769	ug/L	96
19) 1,1-Dichloroethane	3.21	63	9651	3.940	ug/L	95
20) cis-1,2-Dichloroethene	3.95	96	6223m	3.906	ug/L	92
22) 2-Butanone	4.04	43	6445m	7.704	ug/L	92
23) Bromochloromethane	4.28	128	3306	3.817	ug/L	91
25) Chloroform	4.41	83	11109	4.055	ug/L	92
27) 1,2-Dichloroethane	5.16	62	7976	3.898	ug/L #	22
29) Cyclohexane	4.71	56	8038	4.002	ug/L #	97
30) 1,1,1-Trichloroethane	4.63	97	9374	3.884	ug/L	100
31) Carbon tetrachloride	4.86	117	8373m	3.860	ug/L	85
33) Benzene	5.13	78	21209	3.873	ug/L	95
34) Trichloroethene	5.94	95	6054	4.081	ug/L	95
35) Methylcyclohexane	6.15	83	9183	3.901	ug/L	86
37) 1,2-Dichloropropane	6.20	63	5570	4.206	ug/L #	95
38) Bromodichloromethane	6.53	83	7079	3.665	ug/L	90
39) cis-1,3-Dichloropropene	7.05	75	7595	3.425	ug/L	98
40) 4-Methyl-2-pentanone	7.26	43	14193	7.736	ug/L	98

MD
03/30/2020

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03/30/2020

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03/30/2020

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031820\
 Quantitation Report (QT Reviewed)
 Data File : VV015015.D
 Acq On : 18 Mar 2020 13:37
 Operator : SY/MD
 Sample : VSTD00564
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00564

Quant Time: Mar 19 02:20:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 19 02:01:59 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sam
 3/19/2020 11:30:31 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	23467	3.790	ug/L	99
44) trans-1,3-Dichloropropene	7.68	75	6895	3.432	ug/L	97
45) 1,1,2-Trichloroethane	7.87	97	5725	3.965	ug/L	97
46) Tetrachloroethene	8.00	164	5522	3.920	ug/L	94
48) 2-Hexanone	8.18	43	8373	6.110	ug/L #	89
49) Dibromochloromethane	8.27	129	5856	3.490	ug/L	87
50) 1,2-Dibromoethane	8.37	107	6117	3.796	ug/L	91
51) Chlorobenzene	8.90	112	17557	4.033	ug/L	99
52) Ethylbenzene	9.04	91	25482	3.623	ug/L	100
53) m,p-Xylene	9.16	106	9911	3.600	ug/L	91
54) o-xylene	9.57	106	9586	3.516	ug/L	97
55) Styrene	9.59	104	15656	3.419	ug/L	93
56) Isopropylbenzene	9.95	105	24669	3.474	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	9214	3.924	ug/L #	93
59) 1,2,3-Trichloropropane	10.30	75	6911	3.713	ug/L	99
61) Bromoform	9.75	173	3773	3.432	ug/L #	91
62) 1,3-Dichlorobenzene	11.20	146	13102	3.915	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	15645	4.491	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	16359	4.602	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.45	75	1936	3.897	ug/L	95
67) 1,3,5-Trichlorobenzene	12.67	180	10237	3.866	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	9928	4.072	ug/L	97
69) Naphthalene	13.53	128	11094	3.485	ug/L	97
70) 1,2,3-Trichlorobenzene	13.77	180	8743	3.650	ug/L	98

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

Data File : VV015015.D
Acq On : 18 Mar 2020 13:37
Operator : SY/MD
Sample : VSTD00564
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1