Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031820\

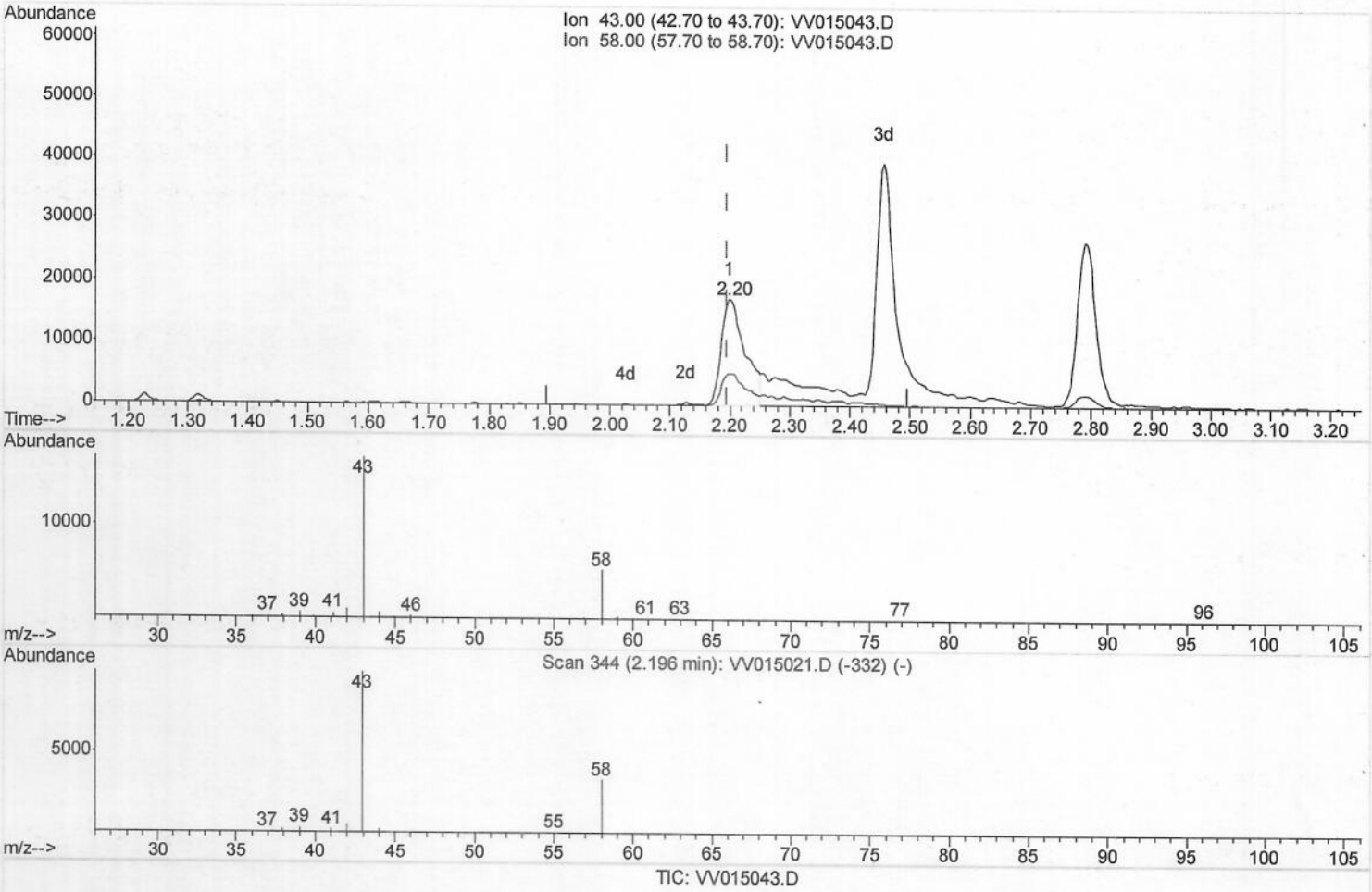
Quantitation Report (Qedit)

Data File : VV015043.D
Acq On : 19 Mar 2020 03:16
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 19 04:14:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031820WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 19 04:08:09 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTD05098

Manual Integrations APPROVED
sam
3/19/2020 11:31:13 AM



TIC: VV015043.D

(13) Acetone (T)

2.200min (+0.003) 55.74ug/L

response 48061

Ion	Exp%	Act%
43.00	100	100
58.00	21.60	30.68
0.00	0.00	0.00
0.00	0.00	0.00

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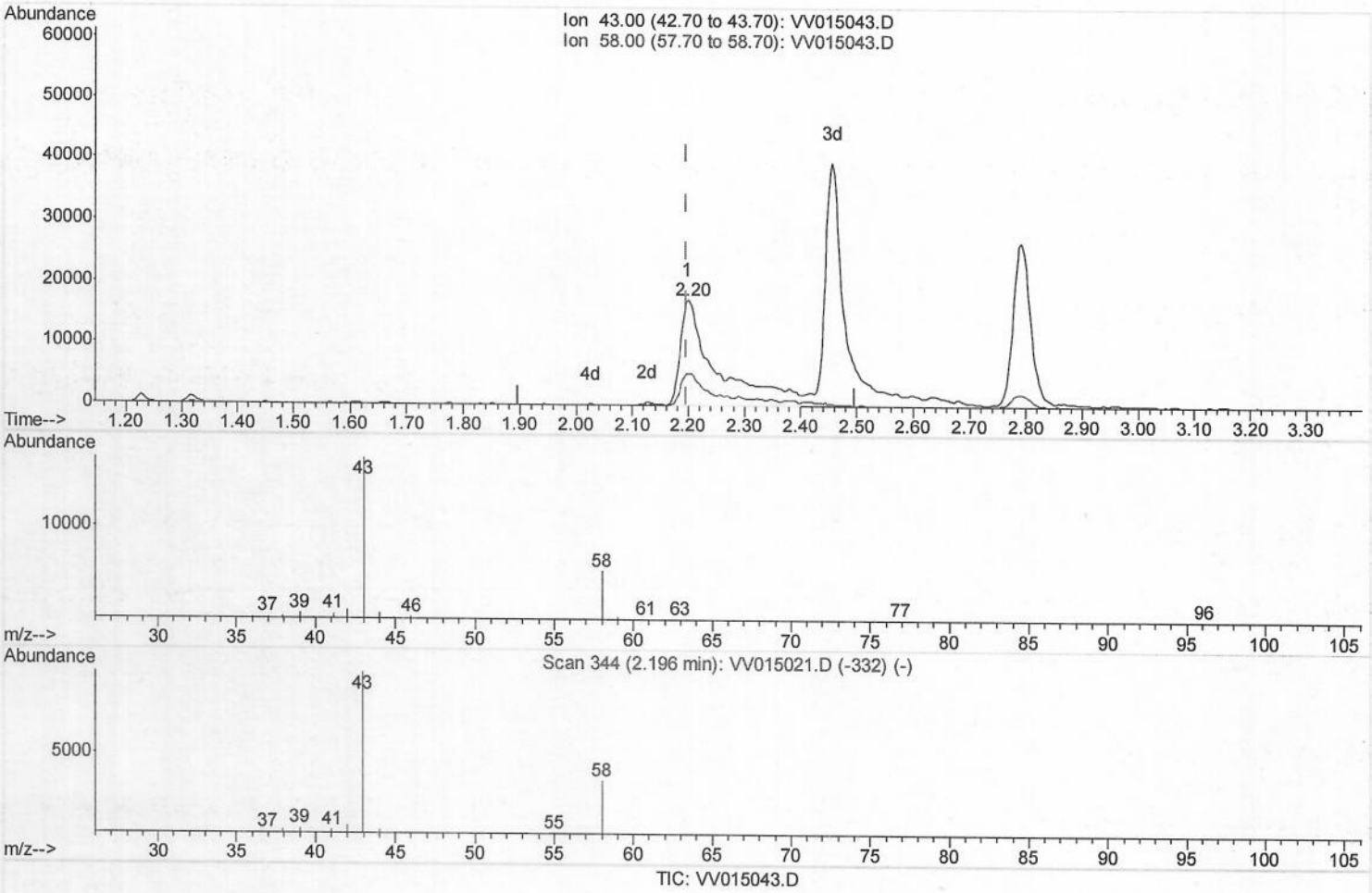

TIC: VV015043.D

(13) Acetone (T)

2.200min (+0.003) 91.46ug/L m

response 78859

MD 03/30/2020

Ion	Exp%	Act%
43.00	100	100
58.00	21.60	18.70
0.00	0.00	0.00
0.00	0.00	0.00

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Quantitation Report (QT Reviewed)

Data File : VV015043.D
Acq On : 19 Mar 2020 03:16
Operator : SY/MD
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_V
LabSampleId : VSTD05098

Manual Integrations APPROVED
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Quant Time: Mar 19 07:07:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031820WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 19 04:08:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	327269	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	317114	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	169156	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	64986	42.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.00%			
7) Chloroethane-d5	1.58	69	54072	45.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.18%			
11) 1,1-Dichloroethene-d2	2.13	63	107002	40.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.88%			
21) 2-Butanone-d5	3.93	46	99678	96.15	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.15%			
24) Chloroform-d	4.38	84	183627	46.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.80%			
26) 1,2-Dichloroethane-d4	5.06	65	118125	47.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.86%			
32) Benzene-d6	5.08	84	353906	47.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.06%			
36) 1,2-Dichloropropane-d6	6.10	67	106958	48.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.16%			
41) Toluene-d8	7.34	98	342262	45.18	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.36%			
43) trans-1,3-Dichloropropene-	7.64	79	57344	48.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.44%			
47) 2-Hexanone-d5	8.12	63	103020	101.54	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.54%			
57) 1,1,2,2-Tetrachloroethane-	10.23	84	166755	50.33	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.66%			
64) 1,2-Dichlorobenzene-d4	11.64	152	156178	45.99	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.98%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	114905	41.070	ug/L	99
3) Chloromethane	1.25	50	95461	50.193	ug/L	99
5) Vinyl chloride	1.32	62	85550	46.513	ug/L	97
6) Bromomethane	1.53	94	60405	50.612	ug/L	97
8) Chloroethane	1.60	64	50083	50.535	ug/L	96
9) Trichlorofluoromethane	1.77	101	126563	43.251	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	55531	39.456	ug/L	98
12) 1,1-Dichloroethene	2.13	96	62103	46.630	ug/L	96
13) Acetone	2.20	43	78859m>	91.465	ug/L	
14) Carbon disulfide	2.31	76	207623	43.994	ug/L	99
15) Methyl Acetate	2.46	43	75712	51.330	ug/L	96
16) Methylene chloride	2.53	84	108355	51.341	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	94716	47.380	ug/L	99
18) Methyl tert-butyl Ether	2.79	73	329277	53.506	ug/L	99
19) 1,1-Dichloroethane	3.22	63	169839	49.445	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	115748	51.810	ug/L	96
22) 2-Butanone	4.02	43	107127	91.766	ug/L #	71

MD 03/30/2020

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Quant Time: Mar 19 07:07:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031820WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 19 04:08:09 2020
Response via : Initial Calibration

Instrument : MSVOA_V
LabSampleId : VSTD05098

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	63024	51.869	ug/L	96
25) Chloroform	4.41	83	191331	49.805	ug/L	99
27) 1,2-Dichloroethane	5.16	62	146560	51.089	ug/L	100
29) Cyclohexane	4.70	56	118295	41.549	ug/L	100
30) 1,1,1-Trichloroethane	4.64	97	162023	47.362	ug/L	99
31) Carbon tetrachloride	4.86	117	137962	44.875	ug/L	99
33) Benzene	5.13	78	396219	51.041	ug/L	100
34) Trichloroethene	5.94	95	97263	46.250	ug/L	98
35) Methylcyclohexane	6.16	83	136767	40.985	ug/L	99
37) 1,2-Dichloropropane	6.20	63	94921	50.564	ug/L	100
38) Bromodichloromethane	6.53	83	142352	51.995	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	163614	52.050	ug/L	95
40) 4-Methyl-2-pentanone	7.26	43	285102	109.636	ug/L	98
42) Toluene	7.41	91	429177	48.906	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	146349	51.399	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	110131	53.814	ug/L	97
46) Tetrachloroethene	8.00	164	88348	44.245	ug/L	97
48) 2-Hexanone	8.17	43	214112	110.226	ug/L	97
49) Dibromochloromethane	8.27	129	125728	52.861	ug/L	100
50) 1,2-Dibromoethane	8.37	107	121314	53.114	ug/L	99
51) Chlorobenzene	8.90	112	347685	56.350	ug/L	100
52) Ethylbenzene	9.03	91	463748	46.522	ug/L	99
53) m,p-Xylene	9.16	106	181549	46.520	ug/L	98
54) o-xylene	9.56	106	188174	48.691	ug/L	98
55) Styrene	9.58	104	325319	50.121	ug/L	97
56) Isopropylbenzene	9.95	105	460100	45.710	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	178943	53.758	ug/L	98
59) 1,2,3-Trichloropropane	10.29	75	143179	54.267	ug/L	100
61) Bromoform	9.75	173	93890	56.136	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	254656	50.015	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	330895	62.434	ug/L	99
65) 1,2-Dichlorobenzene	11.66	146	323284	59.778	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	40572	53.681	ug/L	95
67) 1,3,5-Trichlorobenzene	12.67	180	185819	46.126	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	217332	58.581	ug/L	99
69) Naphthalene	13.52	128	247561	51.109	ug/L	99
70) 1,2,3-Trichlorobenzene	13.76	180	195204	53.557	ug/L	99

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

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