Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011320\Reviewed Data\
Data File : VU036439.D
Acq On : 13 Jan 2020 15:46
Operator : JC/MD
Sample : L1071-06
Misc : 5.G/5.0 mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 15 15:19:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 14 16:20:30 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
X2L44

Manual Integrations APPROVED
sam
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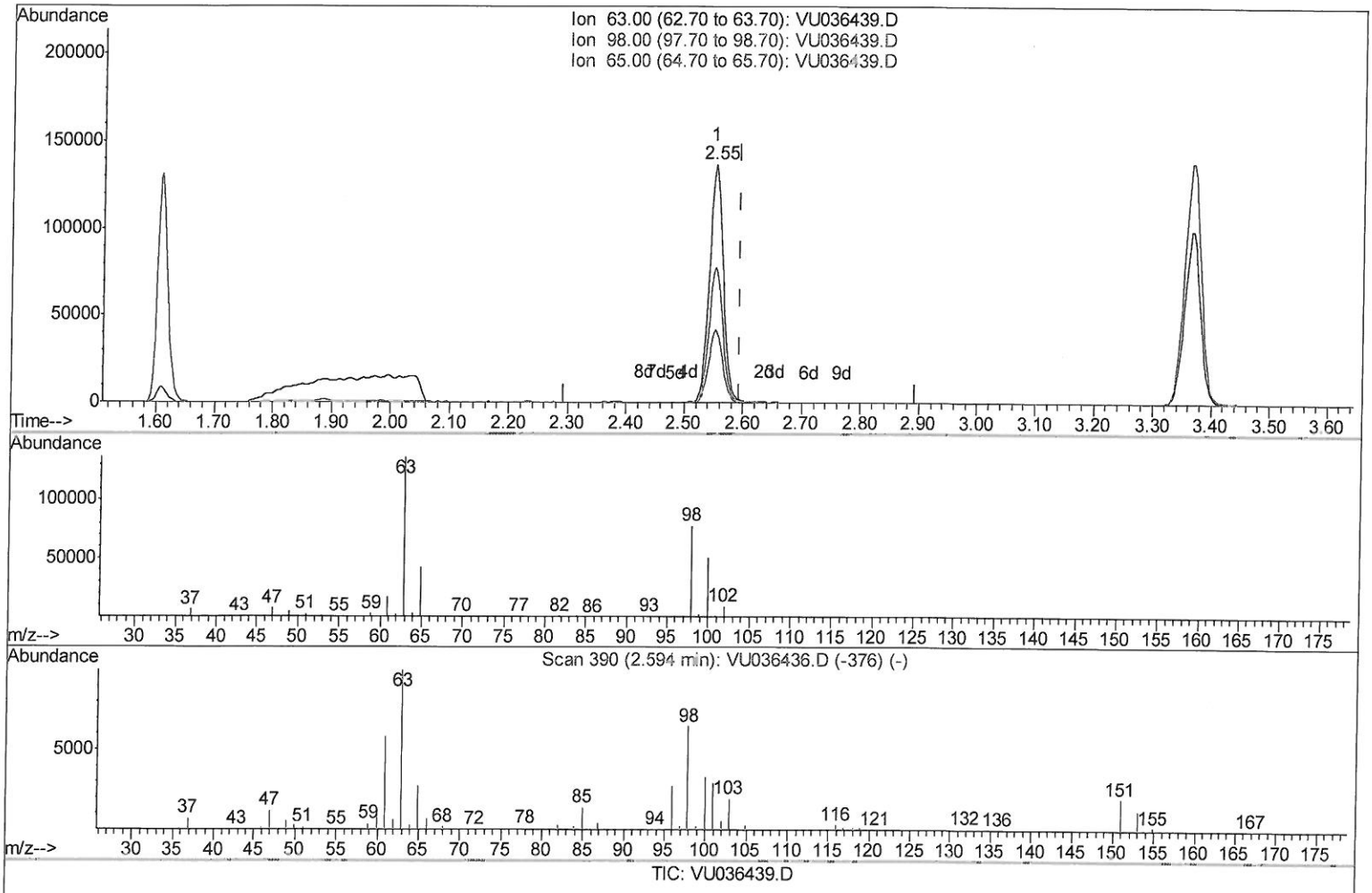

TIC: VU036439.D

(11) 1,1-Dichloroethene-d2 (S)

2.552min (-0.042) 32.09ug/L

response 224785

Ion	Exp%	Act%
63.00	100	100
98.00	70.50	57.74
65.00	23.90	31.35#
0.00	0.00	0.00

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Misc : 5.G/5.0 mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 15 11:48:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 10 22:57:35 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
X2L44

Manual Integrations APPROVED
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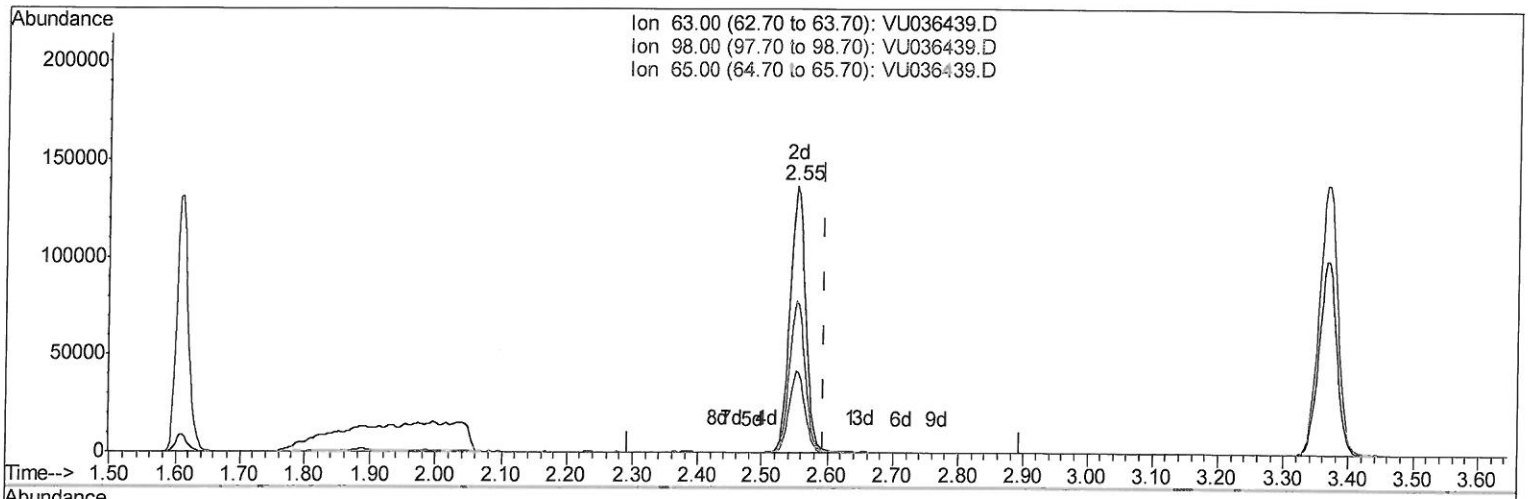

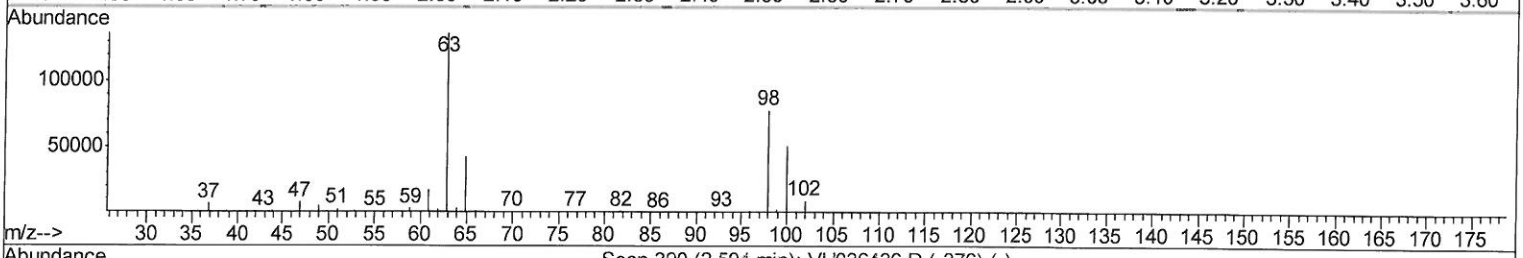

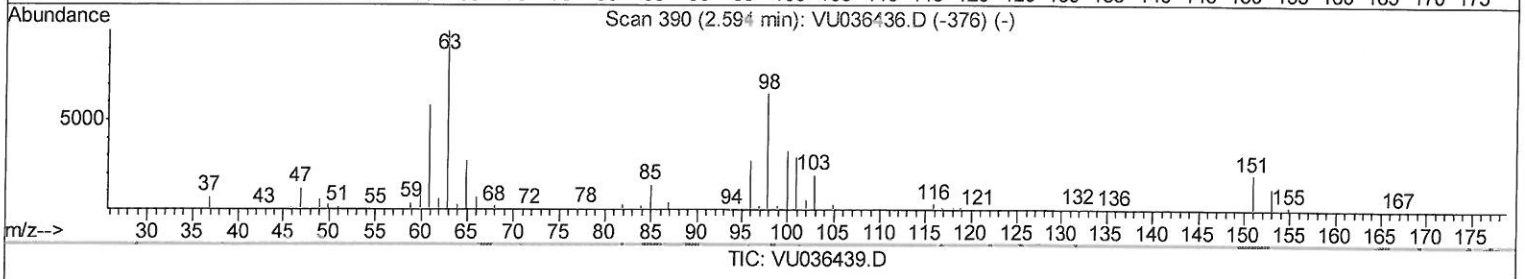

TIC: VU036439.D

(11) 1,1-Dichloroethene-d2 (S)

2.552min (-0.042) 32.34ug/L m 01/15/20 SJ

response 226509

Ion	Exp%	Act%
63.00	100	100
98.00	70.50	0.00#
65.00	23.90	0.00#
0.00	0.00	0.00

Quantitation Report (LSC Reviewed)

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ClientSampleId : X2L44

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	527627	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	517620	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	251894	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	162417	39.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 79.00%			
7) Chloroethane-d5	1.89	69	106407	30.68	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 61.36%#			
11) 1,1-Dichloroethene-d2	2.55	63	226509m	32.34	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.68%			
21) 2-Butanone-d5	4.69	46	233309	76.20	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 76.20%			
24) Chloroform-d	5.10	84	329234	45.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.76%			
26) 1,2-Dichloroethane-d4	5.74	65	231657	48.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.38%			
32) Benzene-d6	5.76	84	649145	45.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.10%			
36) 1,2-Dichloropropane-d6	6.73	67	217033	44.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.82%			
41) Toluene-d8	7.93	98	600680	43.42	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.84%			
43) trans-1,3-Dichloropropene-	8.21	79	117814	44.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.84%			
47) 2-Hexanone-d5	8.68	63	237681	95.35	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.35%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	341346	46.57	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.14%			
64) 1,2-Dichlorobenzene-d4	12.22	152	233213	44.14	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.28%			

Target Compounds						Qvalue
13) Acetone	2.68	43	649180	204.433	ug/L	99
17) trans-1,2-Dichloroethene	3.37	96	422328	128.124	ug/L	98
30) 1,1,1-Trichloroethane	5.35	97	1088076	171.510	ug/L	99
33) Benzene	5.81	78	1812470	119.199	ug/L	100
34) Trichloroethene	6.57	95	761301	194.208	ug/L	98
37) 1,2-Dichloropropane	6.83	63	417258	101.340	ug/L	100
38) Bromodichloromethane	7.14	83	427774	73.644	ug/L	98
42) Toluene	8.00	91	2291952	136.885	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	314843	81.962	ug/L	97
46) Tetrachloroethene	8.58	164	260560	92.381	ug/L	98
48) 2-Hexanone	8.73	43	782234	145.299	ug/L	96
50) 1,2-Dibromoethane	8.96	107	320870	72.026	ug/L	97
51) Chlorobenzene	9.48	112	1174869	111.170	ug/L	98
52) Ethylbenzene	9.60	91	1820906	95.552	ug/L	100
53) m,p-Xylene	9.73	106	900875	127.440	ug/L	97
54) o-xylene	10.13	106	193013	27.212	ug/L	97
55) Styrene	10.14	104	1231504	102.686	ug/L	96

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Manual Integrations APPROVED
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1/15/2020 3:10:36 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
56) Isopropylbenzene	10.51	105	2354257	127.347 ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	625928	76.896 ug/L	95
63) 1,4-Dichlorobenzene	11.86	146	485355	60.109 ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	296183	36.316 ug/L	97
68) 1,2,4-trichlorobenzene	13.86	180	364653	89.015 ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	263760	61.309 ug/L	98

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

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