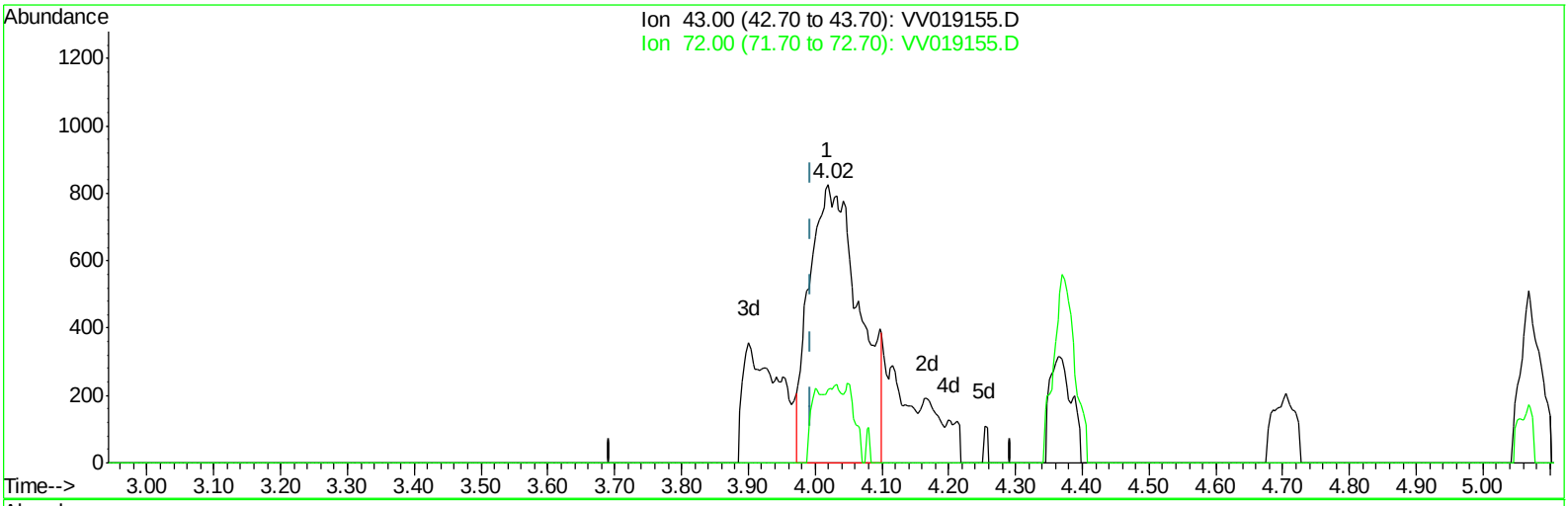
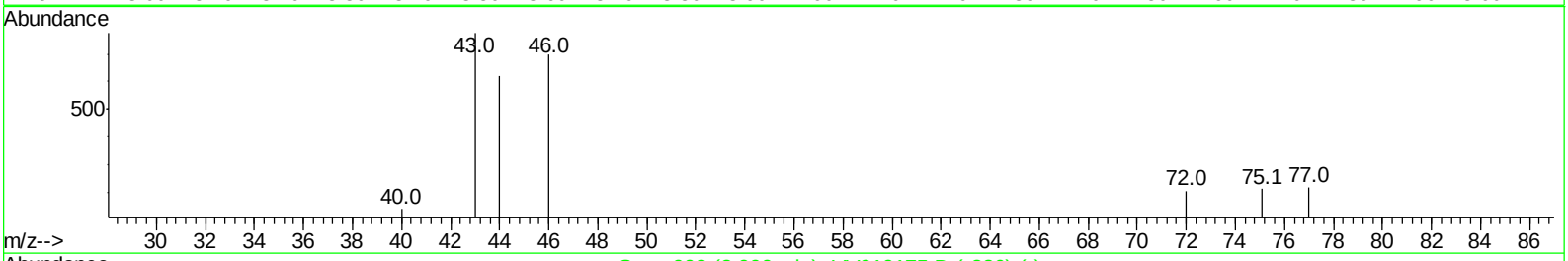
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102920\

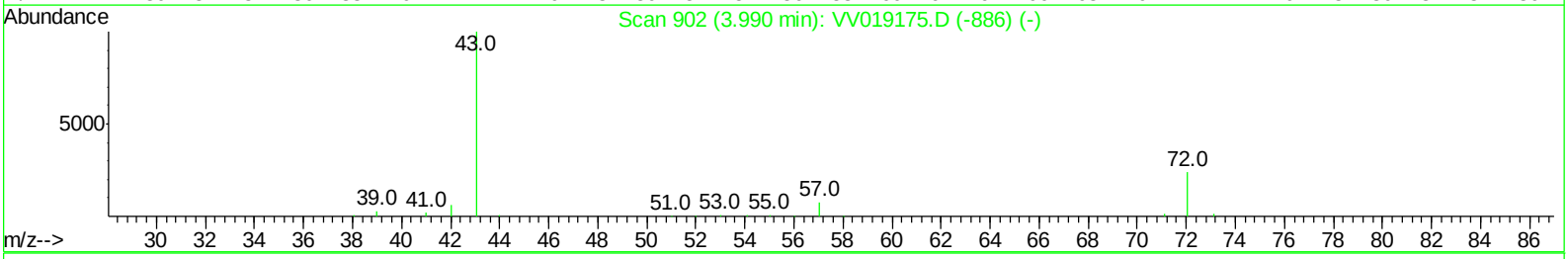
Quantitation Report (Qedit)

Data File : VV019155.D
Acq On : 29 Oct 2020 19:13
Operator : SY/MD
Sample : MDL01
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA-V/MEOH
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 30 05:00:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 30 05:31:22 2020
Response via : Initial Calibration







TIC: VV019155.D

(22) 2-Butanone (T)

4.019min (+0.026) 3.65ug/L m

response 4313

Ion	Exp%	Act%
43.00	100	100
72.00	23.90	6.72#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102920\

Quantitation Report (QT Reviewed)

Data File : VV019155.D
Acq On : 29 Oct 2020 19:13
Operator : SY/MD
Sample : MDL01
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA-V/MEOH
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 01 14:56:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 30 05:31:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	240097	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	228860	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	119170	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	89777	47.05	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.10%			
7) Chloroethane-d5	1.58	69	71506	48.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.48%			
11) 1,1-Dichloroethene-d2	2.12	63	131836	36.32	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.64%			
21) 2-Butanone-d5	3.91	46	117431	100.49	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.49%			
24) Chloroform-d	4.37	84	168145	47.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.74%			
26) 1,2-Dichloroethane-d4	5.05	65	121749	49.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.46%			
32) Benzene-d6	5.07	84	323198	49.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.56%			
36) 1,2-Dichloropropane-d6	6.09	67	98376	50.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.64%			
41) Toluene-d8	7.33	98	295850	47.44	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.88%			
43) trans-1,3-Dichloropropene-	7.64	79	54665	48.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.60%			
47) 2-Hexanone-d5	8.10	63	81669	97.42	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.42%			
57) 1,1,2,2-Tetrachloroethane-	10.23	84	126845	48.60	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.20%			
64) 1,2-Dichlorobenzene-d4	11.65	152	124453	49.71	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.42%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	4155	1.971	ug/L	96
3) Chloromethane	1.25	50	4194	2.191	ug/L	98
5) Vinyl chloride	1.32	62	4471	2.281	ug/L #	68
6) Bromomethane	1.53	94	2850	2.171	ug/L	94
8) Chloroethane	1.60	64	3130	2.568	ug/L	89
9) Trichlorofluoromethane	1.76	101	6566	2.010	ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	4020	2.557	ug/L #	79
12) 1,1-Dichloroethene	2.13	96	4095	2.660	ug/L #	1
13) Acetone	2.19	43	4443	4.092	ug/L	74
14) Carbon disulfide	2.31	76	11376	2.324	ug/L	96
15) Methyl Acetate	2.45	43	3721	2.127	ug/L	97
16) Methylene chloride	2.53	84	4326	2.474	ug/L	91
17) trans-1,2-Dichloroethene	2.78	96	3576	2.162	ug/L	95
18) Methyl tert-butyl Ether	2.78	73	11299	2.040	ug/L	97
19) 1,1-Dichloroethane	3.21	63	6538	2.122	ug/L #	97
20) cis-1,2-Dichloroethene	3.94	96	3599	1.983	ug/L	99
22) 2-Butanone	4.02	43	4313m	3.647	ug/L	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102920\

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Sample : MDL01
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA-V/MEOH
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 01 14:56:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 30 05:31:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.28	128	2020m	2.074 ug/L	
25) Chloroform	4.40	83	8380	2.517 ug/L	98
27) 1,2-Dichloroethane	5.16	62	6028	2.127 ug/L	98
29) Cyclohexane	4.70	56	4561	1.785 ug/L	95
30) 1,1,1-Trichloroethane	4.63	97	6586	2.124 ug/L	98
31) Carbon tetrachloride	4.85	117	5422m	1.972 ug/L	
33) Benzene	5.13	78	14029	2.126 ug/L	100
34) Trichloroethene	5.94	95	3871	2.141 ug/L	93
35) Methylcyclohexane	6.15	83	4490	1.840 ug/L	94
37) 1,2-Dichloropropane	6.20	63	3583	2.186 ug/L #	89
38) Bromodichloromethane	6.53	83	5134	2.106 ug/L	96
39) cis-1,3-Dichloropropene	7.05	75	5567m	2.057 ug/L	
40) 4-Methyl-2-pentanone	7.25	43	8268	3.657 ug/L	99
42) Toluene	7.41	91	18735	2.590 ug/L	96
44) trans-1,3-Dichloropropene	7.67	75	6133m	2.178 ug/L	
45) 1,1,2-Trichloroethane	7.86	97	3559	2.166 ug/L	96
46) Tetrachloroethene	8.00	164	3109	2.014 ug/L	93
48) 2-Hexanone	8.16	43	8343	4.643 ug/L #	96
49) Dibromochloromethane	8.27	129	3826	1.923 ug/L	94
50) 1,2-Dibromoethane	8.38	107	3743	2.135 ug/L #	91
51) Chlorobenzene	8.90	112	9756	2.057 ug/L	97
52) Ethylbenzene	9.04	91	14626	1.835 ug/L	97
53) m,p-Xylene	9.16	106	5506	1.829 ug/L	98
54) o-xylene	9.57	106	5190	1.796 ug/L	81
55) Styrene	9.59	104	8793	1.716 ug/L	91
56) Isopropylbenzene	9.95	105	13126	1.690 ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.26	83	5348	2.137 ug/L	95
59) 1,2,3-Trichloropropane	10.29	75	4380	2.045 ug/L	98
61) Bromoform	9.76	173	3158	2.148 ug/L #	92
62) 1,3-Dichlorobenzene	11.20	146	7629	2.030 ug/L	95
63) 1,4-Dichlorobenzene	11.29	146	8859	2.268 ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	7744	2.080 ug/L #	91
66) 1,2-Dibromo-3-chloropropan	12.46	75	1181	1.854 ug/L #	71
67) 1,3,5-Trichlorobenzene	12.67	180	5379	1.944 ug/L	96
68) 1,2,4-trichlorobenzene	13.29	180	4869	1.878 ug/L	98
69) Naphthalene	13.53	128	10785	1.485 ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	4828	1.903 ug/L	98

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

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