

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032520\
 Data File : VW015129.D
 Acq On : 25 Mar 2020 09:37
 Operator : SY/VA
 Sample : VSTD2.502
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 25 14:03:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 25 13:57:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	632159	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	565737	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	227483	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	31250	2.12	ug/L	0.00
7) Chloroethane-d5	2.89	69	24689	2.27	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	59682	2.51	ug/L	0.00
20) 2-Butanone-d5	7.09	46	11607	4.52	ug/L	0.00
24) Chloroform-d	7.65	84	53939	2.69	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	32128	2.85	ug/L	0.00
29) Benzene-d6	8.27	84	100781	2.70	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	34043	2.72	ug/L	0.00
37) Toluene-d8	10.32	98	80181	2.57	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	12403	2.67	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	7862	4.68	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	23436	2.86	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	22574	2.80	ug/L	0.00

Target Compounds

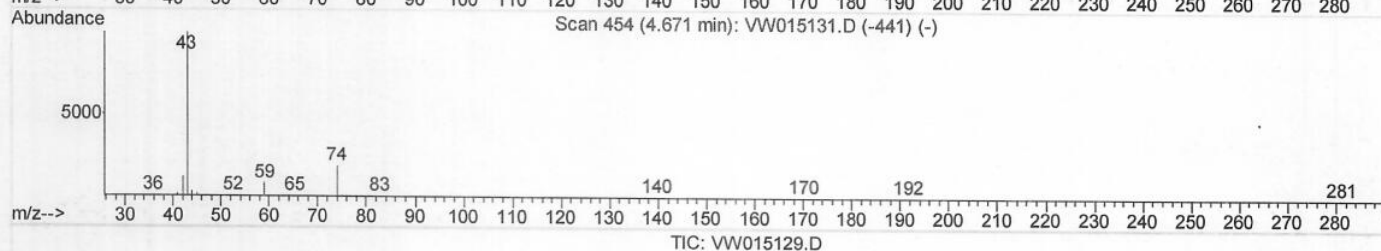
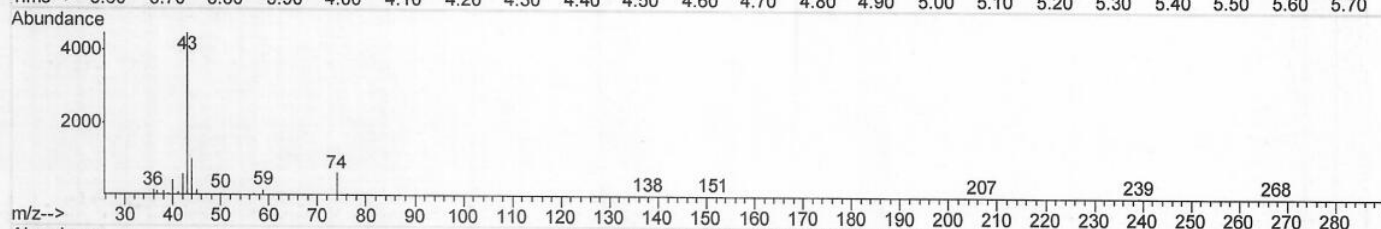
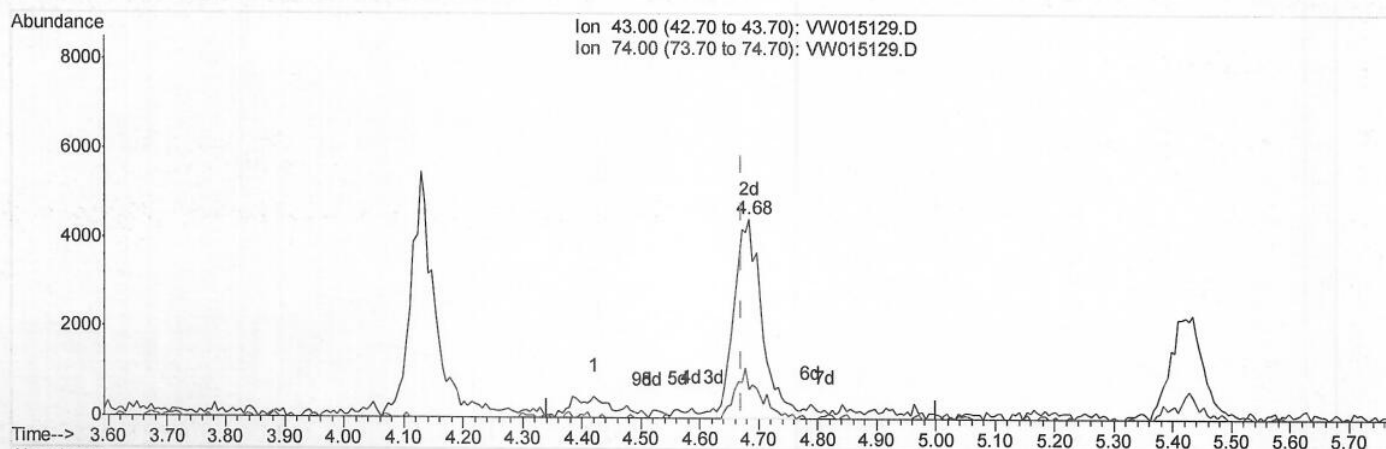
					Qvalue
2) Dichlorodifluoromethane	2.01	85	12897	2.428 ug/L	98
3) Chloromethane	2.21	50	27894	2.374 ug/L	99
5) Vinyl chloride	2.36	62	35814	2.340 ug/L	99
6) Bromomethane	2.78	94	19624	2.754 ug/L	96
8) Chloroethane	2.93	64	20982	2.464 ug/L	100
9) Trichlorofluoromethane	3.26	101	17840	2.499 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	25833	2.622 ug/L #	73
12) 1,1-Dichloroethene	4.04	96	24689	2.641 ug/L	97
13) Acetone	4.13	43	11945	4.161 ug/L	88
14) Carbon disulfide	4.38	76	91861	2.603 ug/L	97
15) Methyl Acetate	4.68	43	14564m	2.788 ug/L	
16) Methylene chloride	4.92	84	32562	2.811 ug/L	95
17) Methyl tert-butyl Ether	5.42	73	29140	2.528 ug/L #	89
18) trans-1,2-Dichloroethene	5.42	96	25830	2.664 ug/L	98
19) 1,1-Dichloroethane	6.21	63	55975	2.601 ug/L	99
21) 2-Butanone	7.18	43	15568	4.422 ug/L	95
22) cis-1,2-Dichloroethene	7.17	96	24009	2.448 ug/L	97
23) Bromochloromethane	7.51	128	11026	2.858 ug/L	91
25) Chloroform	7.68	83	50398	2.575 ug/L	100
27) 1,2-Dichloroethane	8.40	62	36380	2.693 ug/L	100
30) Cyclohexane	7.95	56	40114	2.153 ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	39327	2.703 ug/L	97
32) Carbon tetrachloride	8.07	117	34110	2.629 ug/L	100
34) Benzene	8.32	78	106604	2.562 ug/L	100
35) Trichloroethene	9.09	95	26968	2.658 ug/L	98
36) Methylcyclohexane	9.34	83	40175	2.324 ug/L	96
40) 1,2-Dichloropropane	9.37	63	30734	2.660 ug/L	98
41) Bromodichloromethane	9.65	83	34911	2.678 ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	35095	2.333 ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	28512	4.394 ug/L	95

MD
03/30/2020

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(15) Methyl Acetate (T)

4.684min (+0.013) 2.79ug/L m

response 14564

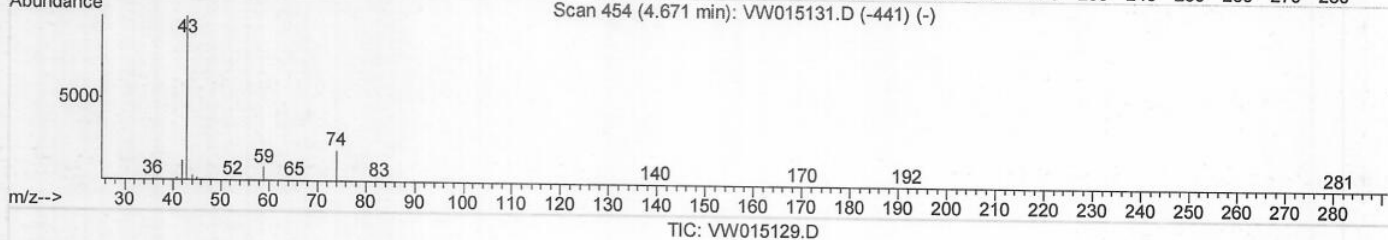
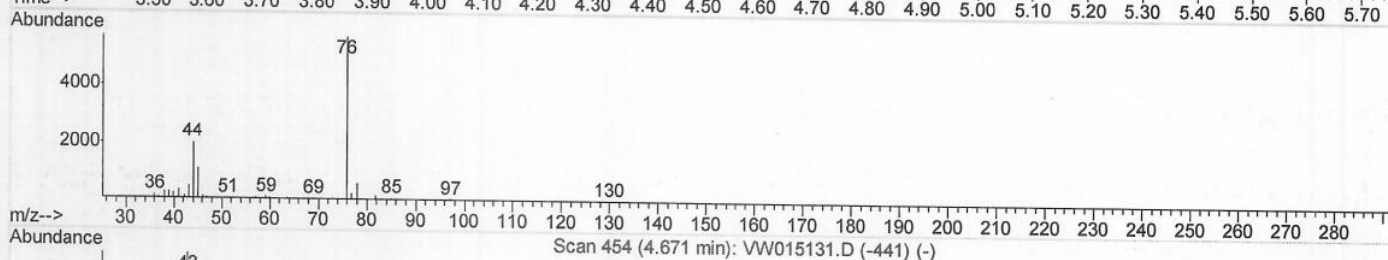
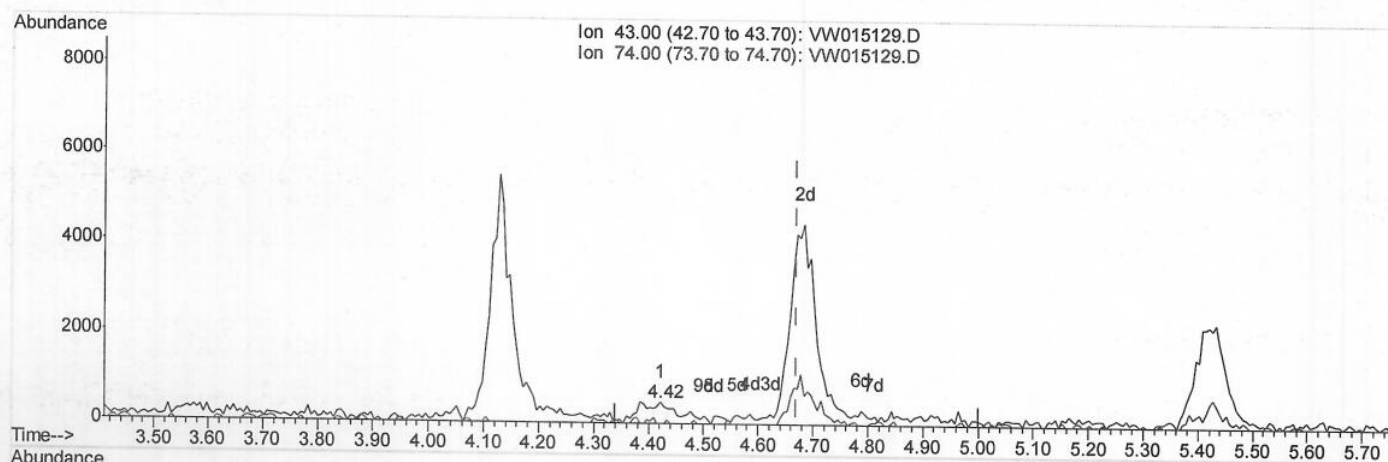
Ion	Exp%	Act%
43.00	100	100
74.00	19.40	0.67#
0.00	0.00	0.00
0.00	0.00	0.00

MD
 03/30/2020

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(15) Methyl Acetate (T)
 4.422min (-0.250) 0.10ug/L
 response 538

Ion	Exp%	Act%
43.00	100	100
74.00	19.40	18.22
0.00	0.00	0.00
0.00	0.00	0.00

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44) Toluene	10.38	91	97843	2.415	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	31288	2.526	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	18339	2.785	ug/L	97
47) Tetrachloroethene	10.86	164	17693	2.714	ug/L	93
49) 2-Hexanone	10.97	43	16054	3.464	ug/L	96
50) Dibromochloromethane	11.13	129	17421	2.503	ug/L	92
51) 1,2-Dibromoethane	11.23	107	15703	2.733	ug/L	96
52) Chlorobenzene	11.65	112	64300	2.692	ug/L	98
53) Ethylbenzene	11.73	91	102468	2.310	ug/L	100
54) m,p-Xylene	11.83	106	34314	2.214	ug/L	98
55) o-xylene	12.16	106	31237	2.156	ug/L	88
56) Styrene	12.18	104	51619	2.086	ug/L	98
57) Isopropylbenzene	12.46	105	84391	2.137	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	21793	2.620	ug/L #	98
59) 1,2,3-Trichloropropane	12.77	75	16266	2.550	ug/L	91
62) Bromoform	12.35	173	8673	2.707	ug/L #	97
63) 1,3-Dichlorobenzene	13.50	146	37961	2.581	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	40461	2.664	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	35266	2.638	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	3579	3.004	ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	24654	2.530	ug/L	96
68) 1,2,4-trichlorobenzene	15.13	180	15680	2.179	ug/L	98
69) Naphthalene	15.36	128	24065	2.960	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	15145	2.338	ug/L	98

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

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