Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012621\
Data File : VY003934.D
Acq On : 26 Jan 2021 12:44
Operator : SY/MD
Sample : VSTD00533
Misc : 5.00g/10mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 26 13:44:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM012621SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 26 13:40:40 2021
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTD005533

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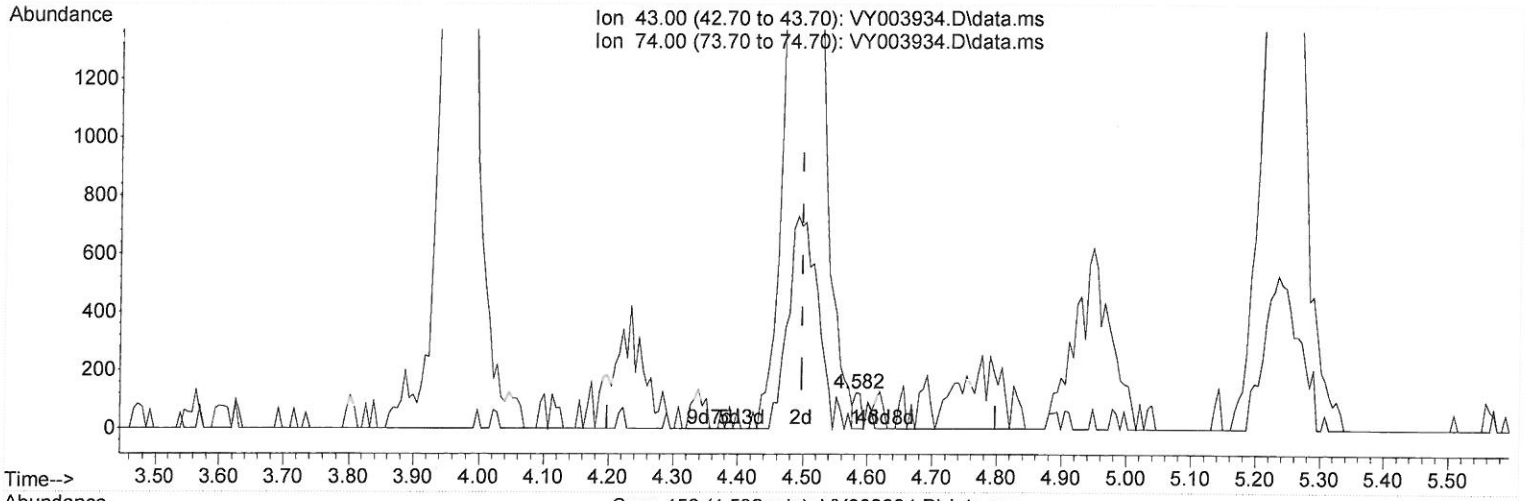

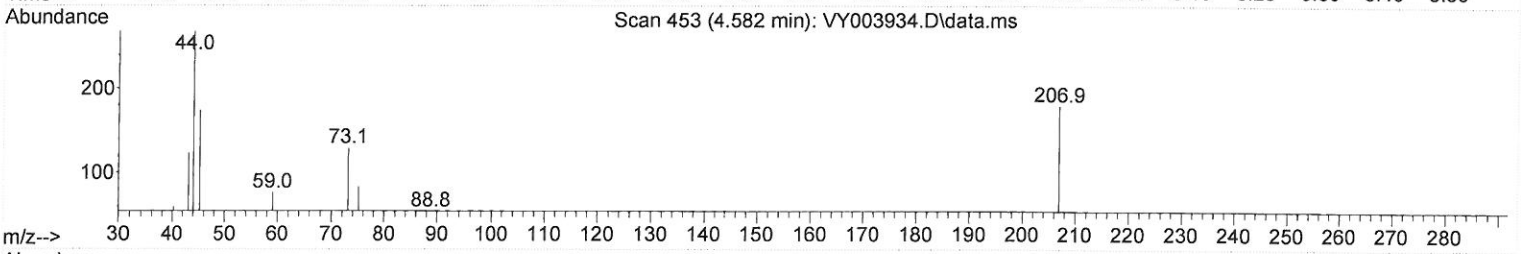

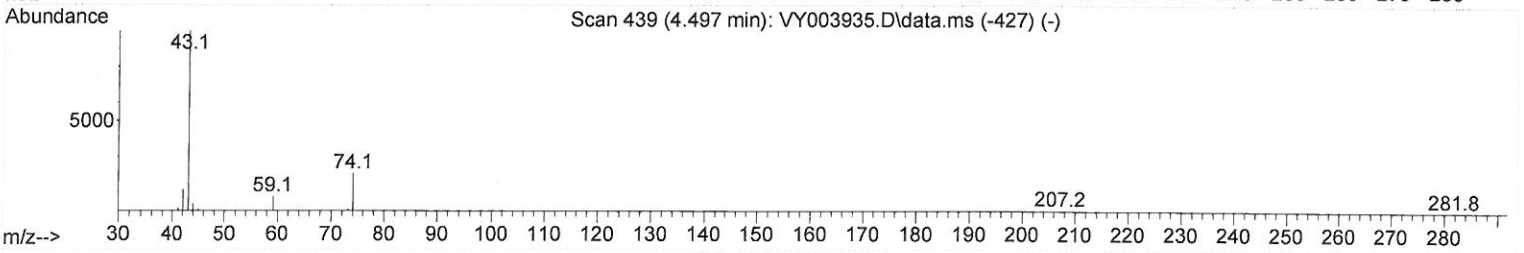

TIC: VY003934.D\data.ms

(15) Methyl Acetate (T)

4.582min (+ 0.085) 0.04 ug/L

response 89

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	22.70	21.35
0.00	0.00	0.00
0.00	0.00	0.00

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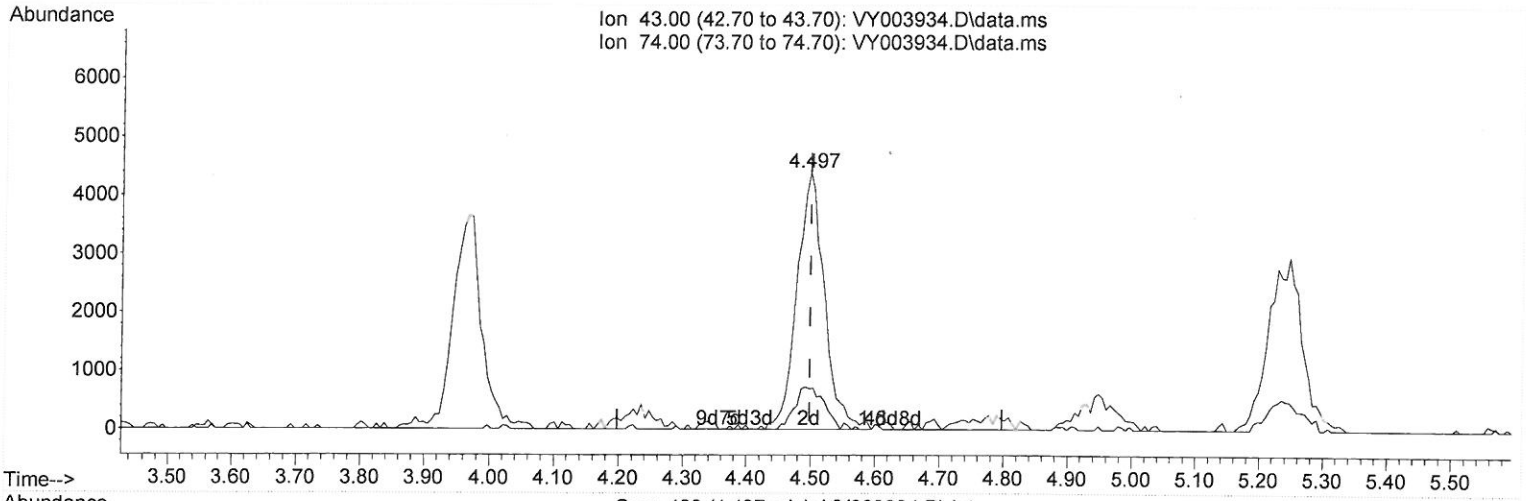

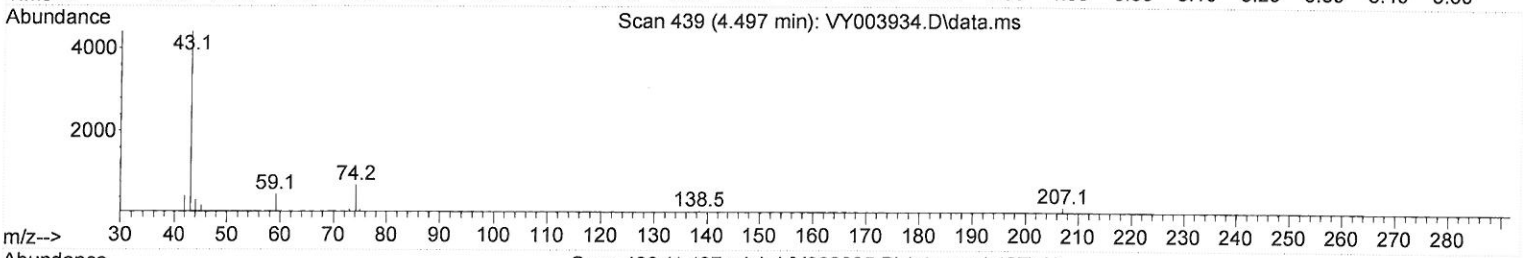

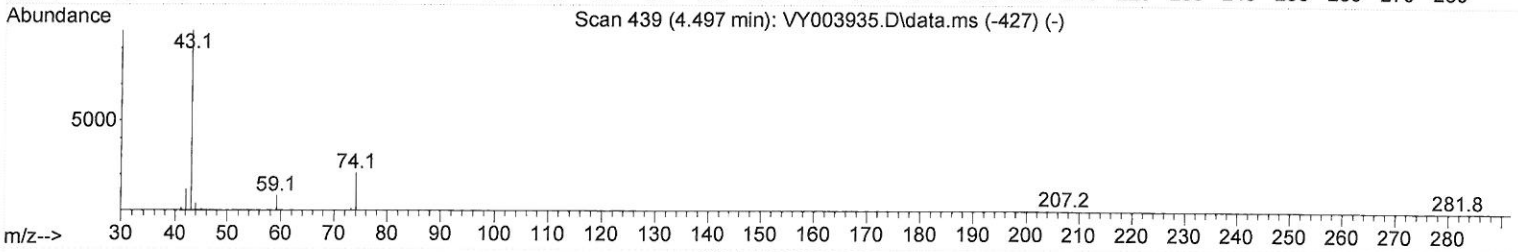

TIC: VY003934.D\data.ms

(15) Methyl Acetate (T)

4.497min (-0.000) 5.89 ug/L m 20210312SY

response 13037

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	22.70	0.15#
0.00	0.00	0.00
0.00	0.00	0.00

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Sample : VSTD00533
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ALS Vial : 5 Sample Multiplier: 1

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Quant Title : VOC Analysis
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Instrument : MSVOA_Y
ClientSampleId : VSTD005533

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.697	114	220660	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.495	117	206180	25.00	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	111451	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.253	65	23718	7.40	ug/L		0.00
7) Chloroethane-d5	2.771	69	18026	7.26	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.869	63	37446	6.25	ug/L		0.00
21) 2-Butanone-d5	6.911	46	13314	10.46	ug/L		0.00
24) Chloroform-d	7.496	84	33002	5.76	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.155	65	19223	5.99	ug/L		0.00
32) Benzene-d6	8.124	84	63836	5.41	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.124	67	20088	5.55	ug/L		0.00
41) Toluene-d8	10.185	98	60658	5.69	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.441	79	9510	5.50	ug/L		0.00
47) 2-Hexanone-d5	10.794	63	9349	9.57	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.562	84	17258	4.79	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.721	152	21394	5.39	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.912	85	22726	7.86	ug/L		97
3) Chloromethane	2.119	50	27304	8.61	ug/L		96
5) Vinyl chloride	2.259	62	24630	7.46	ug/L		100
6) Bromomethane	2.662	94	14522	7.12	ug/L		92
8) Chloroethane	2.802	64	16481	8.05	ug/L		94
9) Trichlorofluoromethane	3.143	101	30349	6.46	ug/L		100
10) 1,1,2-Trichloro-1,2,2-...	3.918	101	17453	5.73	ug/L	#	72
12) 1,1-Dichloroethene	3.887	96	15680	5.42	ug/L	#	71
13) Acetone	3.966	43	10394	11.40	ug/L		94
14) Carbon disulfide	4.210	76	56526	5.91	ug/L		96
15) Methyl Acetate	4.497	43	13037m	5.89	ug/L		
16) Methylene chloride	4.728	84	21707	5.81	ug/L		95
17) trans-1,2-Dichloroethene	5.240	96	16899	5.36	ug/L		92
18) Methyl tert-butyl Ether	5.240	73	45673	5.72	ug/L	#	94
19) 1,1-Dichloroethane	6.039	63	31328	5.81	ug/L		97
20) cis-1,2-Dichloroethene	7.002	96	17588	5.28	ug/L		92
22) 2-Butanone	7.002	43	14946	9.77	ug/L		96
23) Bromochloromethane	7.350	128	8172	5.08	ug/L		90
25) Chloroform	7.521	83	30639	5.63	ug/L		91
27) 1,2-Dichloroethane	8.246	62	23289	6.29	ug/L		97
29) Cyclohexane	7.795	56	30220	6.02	ug/L		94
30) 1,1,1-Trichloroethane	7.710	97	29239	6.05	ug/L		98
31) Carbon tetrachloride	7.917	117	25638	5.91	ug/L		99
33) Benzene	8.167	78	67288	5.33	ug/L		100
34) Trichloroethene	8.941	95	18721	5.86	ug/L		87
35) Methylcyclohexane	9.185	83	29767	5.48	ug/L		88
37) 1,2-Dichloropropane	9.222	63	18079	5.60	ug/L		100
38) Bromodichloromethane	9.502	83	23689	5.75	ug/L		94
39) cis-1,3-Dichloropropene	9.935	75	26911	5.34	ug/L		97
40) 4-Methyl-2-pentanone	10.075	43	32369	10.92	ug/L		95
42) Toluene	10.246	91	74413	5.57	ug/L		99
44) trans-1,3-Dichloropropene	10.471	75	25820	5.51	ug/L		95

> 02/03/21 CY

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.648	97	13226	4.91	ug/L	94
46) Tetrachloroethene	10.721	164	15135	5.60	ug/L	96
48) 2-Hexanone	10.837	43	22818	10.62	ug/L	97
49) Dibromochloromethane	10.989	129	16164	5.14	ug/L	98
50) 1,2-Dibromoethane	11.093	107	13410	5.14	ug/L	96
51) Chlorobenzene	11.520	112	46138	5.40	ug/L	94
52) Ethylbenzene	11.593	91	82111	5.70	ug/L	97
53) m,p-Xylene	11.703	106	30992	5.56	ug/L	96
54) o-Xylene	12.032	106	28515	5.39	ug/L	81
55) Styrene	12.044	104	49281	5.44	ug/L	81
57) 1,1,2,2-Tetrachloroethane	12.587	83	16766	4.73	ug/L	91
59) Bromoform	12.209	173	10990	4.97	ug/L	94
60) Isopropylbenzene	12.331	105	78311	5.44	ug/L	98
61) 1,2,3-Trichloropropane	12.636	75	13377	4.98	ug/L	98
62) 1,3,5-Trimethylbenzene	12.812	105	66599	5.77	ug/L	96
63) 1,2,4-Trimethylbenzene	13.123	105	65197	5.70	ug/L	97
64) 1,3-Dichlorobenzene	13.367	146	37175	5.37	ug/L	99
65) 1,4-Dichlorobenzene	13.446	146	37332	5.31	ug/L	93
67) 1,2-Dichlorobenzene	13.739	146	35156	5.42	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.361	75	3170	5.02	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.501	180	27454	5.60	ug/L	98
70) 1,2,4-trichlorobenzene	15.007	180	21787	5.24	ug/L	99
71) Naphthalene	15.233	128	43177	4.75	ug/L #	95
72) 1,2,3-Trichlorobenzene	15.428	180	19218	5.07	ug/L	97

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

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