

Quantitation Report (Qedit)

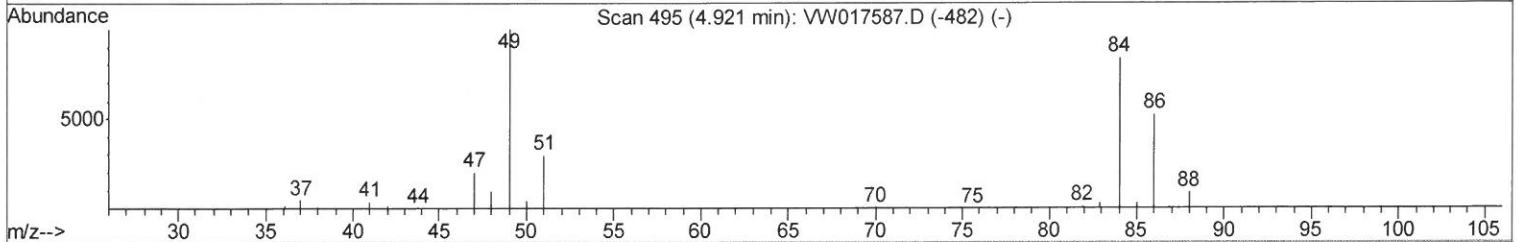
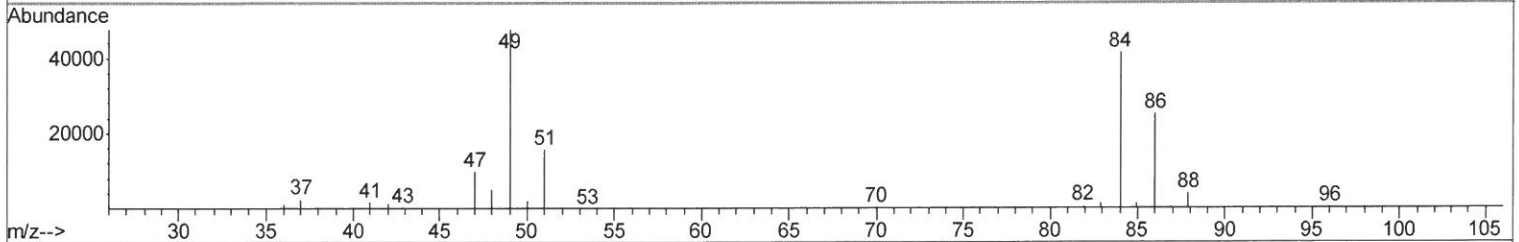
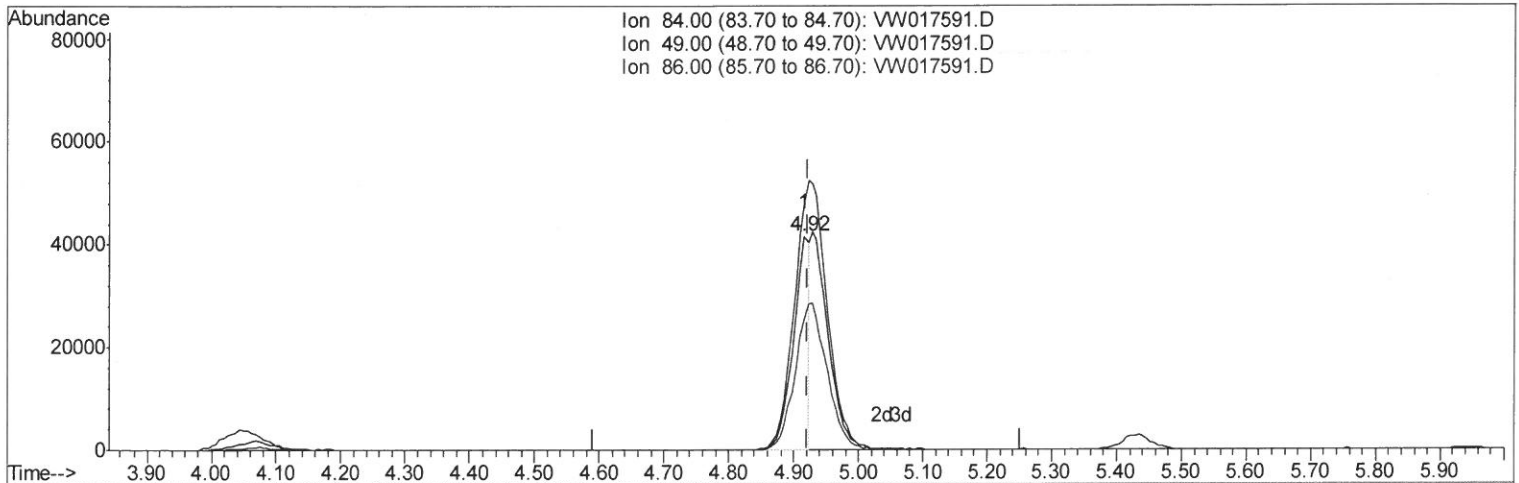
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120820\
 Data File : VW017591.D
 Acq On : 08 Dec 2020 17:01
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
LabSampleId :
 VSTD02508

Manual Integrations
APPROVED

MMDadoda
 12/21/2020 1:36:57 PM

Quant Time: Dec 20 06:20:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 06:19:27 2020
 Response via : Initial Calibration



TIC: VW017591.D

(16) Methylene chloride (T)
 4.915min (-0.006) 11.84ug/L
 response 69633

Ion	Exp%	Act%
84.00	100	100
49.00	116.00	114.57
86.00	63.60	60.14
0.00	0.00	0.00

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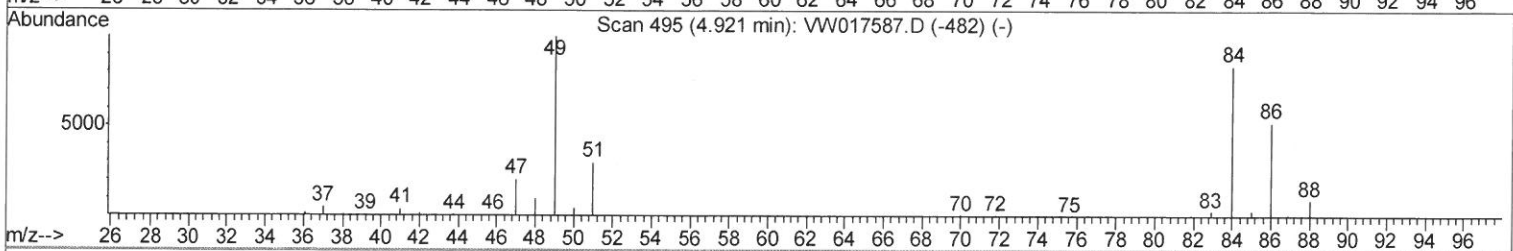
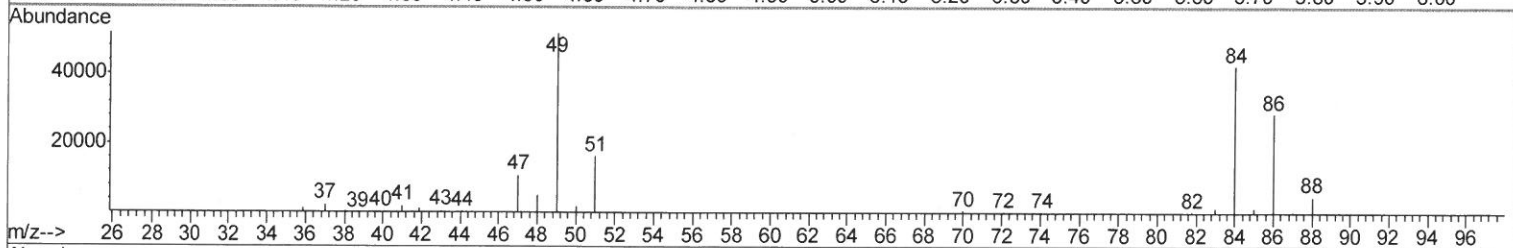
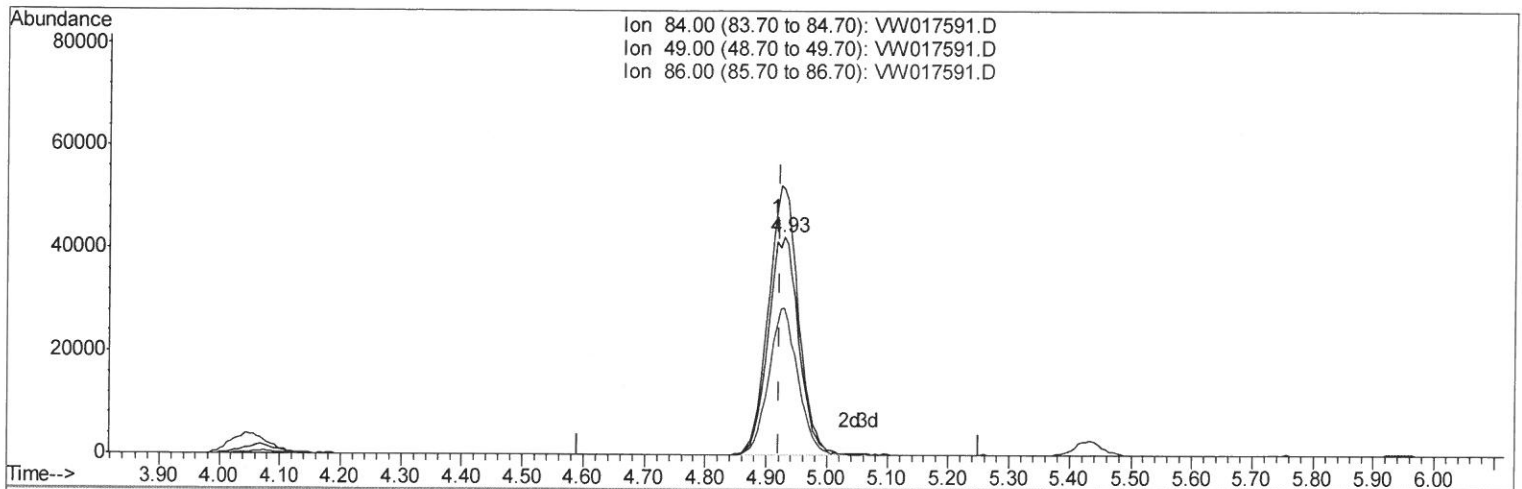
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TIC: VW017591.D

(16) Methylene chloride (T)

4.928min (+0.006) 25.87ug/L m

response 152169

Ion	Exp%	Act%
84.00	100	100
49.00	116.00	121.98
86.00	63.60	67.72
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	391708	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	351896	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	184983	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	116383	22.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.36%
7) Chloroethane-d5	2.90	69	99382	22.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.44%
10) 1,1-Dichloroethene-d2	4.03	63	270111	23.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.20%
20) 2-Butanone-d5	7.09	46	61845	56.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.82%
24) Chloroform-d	7.65	84	283000	25.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.72%
26) 1,2-Dichloroethane-d4	8.31	65	143082	26.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.84%
29) Benzene-d6	8.28	84	525354	24.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.12%
33) 1,2-Dichloropropane-d6	9.28	67	150038	25.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.24%
37) Toluene-d8	10.33	98	487076	24.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.88%
38) trans-1,3-Dichloropropene-	10.58	79	67722	25.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.24%
39) 2-Hexanone-d5	10.93	63	41815	56.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120608	27.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	170997	24.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.88%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	74907	20.124	ug/L 94
3) Chloromethane	2.22	50	88260	23.032	ug/L 99
5) Vinyl chloride	2.37	62	131630	27.698	ug/L 95
6) Bromomethane	2.79	94	88669	25.910	ug/L 100
8) Chloroethane	2.93	64	82730	25.910	ug/L 99
9) Trichlorofluoromethane	3.27	101	132232	24.299	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	145165	26.062	ug/L # 70
12) 1,1-Dichloroethene	4.05	96	136487	25.129	ug/L 93
13) Acetone	4.14	43	56736	54.260	ug/L 93
14) Carbon disulfide	4.40	76	378697	24.377	ug/L 99
15) Methyl Acetate	4.68	43	50772	27.895	ug/L 95
16) Methylene chloride	4.93	84	152169m	25.874	ug/L 99
17) Methyl tert-butyl Ether	5.43	73	156510	26.791	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	138587	24.822	ug/L 99
19) 1,1-Dichloroethane	6.23	63	246298	26.127	ug/L 98
21) 2-Butanone	7.18	43	71124	56.841	ug/L 100
22) cis-1,2-Dichloroethene	7.18	96	147886	25.386	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	67056	25.341	ug/L	95
25) Chloroform	7.68	83	262273	26.354	ug/L	100
27) 1,2-Dichloroethane	8.40	62	161729	26.984	ug/L	99
30) Cyclohexane	7.96	56	216833	25.833	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	229608	27.569	ug/L	100
32) Carbon tetrachloride	8.07	117	216437	26.764	ug/L	96
34) Benzene	8.33	78	555748	26.276	ug/L	100
35) Trichloroethene	9.10	95	152367	25.986	ug/L	96
36) Methylcyclohexane	9.34	83	240227	24.775	ug/L	98
40) 1,2-Dichloropropane	9.37	63	132663	26.704	ug/L	99
41) Bromodichloromethane	9.65	83	182700	26.617	ug/L	97
42) cis-1,3-Dichloropropene	10.08	75	209571	27.236	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	135424	59.212	ug/L	97
44) Toluene	10.39	91	600874	26.401	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	183949	27.897	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	99303	26.678	ug/L	96
47) Tetrachloroethene	10.87	164	125337	25.088	ug/L	93
49) 2-Hexanone	10.97	43	102687	63.575	ug/L	88
50) Dibromochloromethane	11.13	129	122060	26.251	ug/L	98
51) 1,2-Dibromoethane	11.24	107	93059	26.086	ug/L #	93
52) Chlorobenzene	11.66	112	380104	25.505	ug/L	94
53) Ethylbenzene	11.73	91	682337	26.442	ug/L	100
54) m,p-Xylene	11.84	106	258932	26.299	ug/L	99
55) o-xylene	12.17	106	241268	26.311	ug/L	100
56) Styrene	12.18	104	418407	27.123	ug/L	99
57) Isopropylbenzene	12.46	105	678793	26.949	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	113729	28.387	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	81017	27.397	ug/L	98
62) Bromoform	12.35	173	71336	27.203	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	307807	25.806	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	295779	25.031	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	272592	26.239	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	17586	26.291	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	208349	24.383	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	173872	25.171	ug/L	96
69) Naphthalene	15.37	128	289147	27.109	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	148903	25.843	ug/L	98

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

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