

(QT Reviewed)

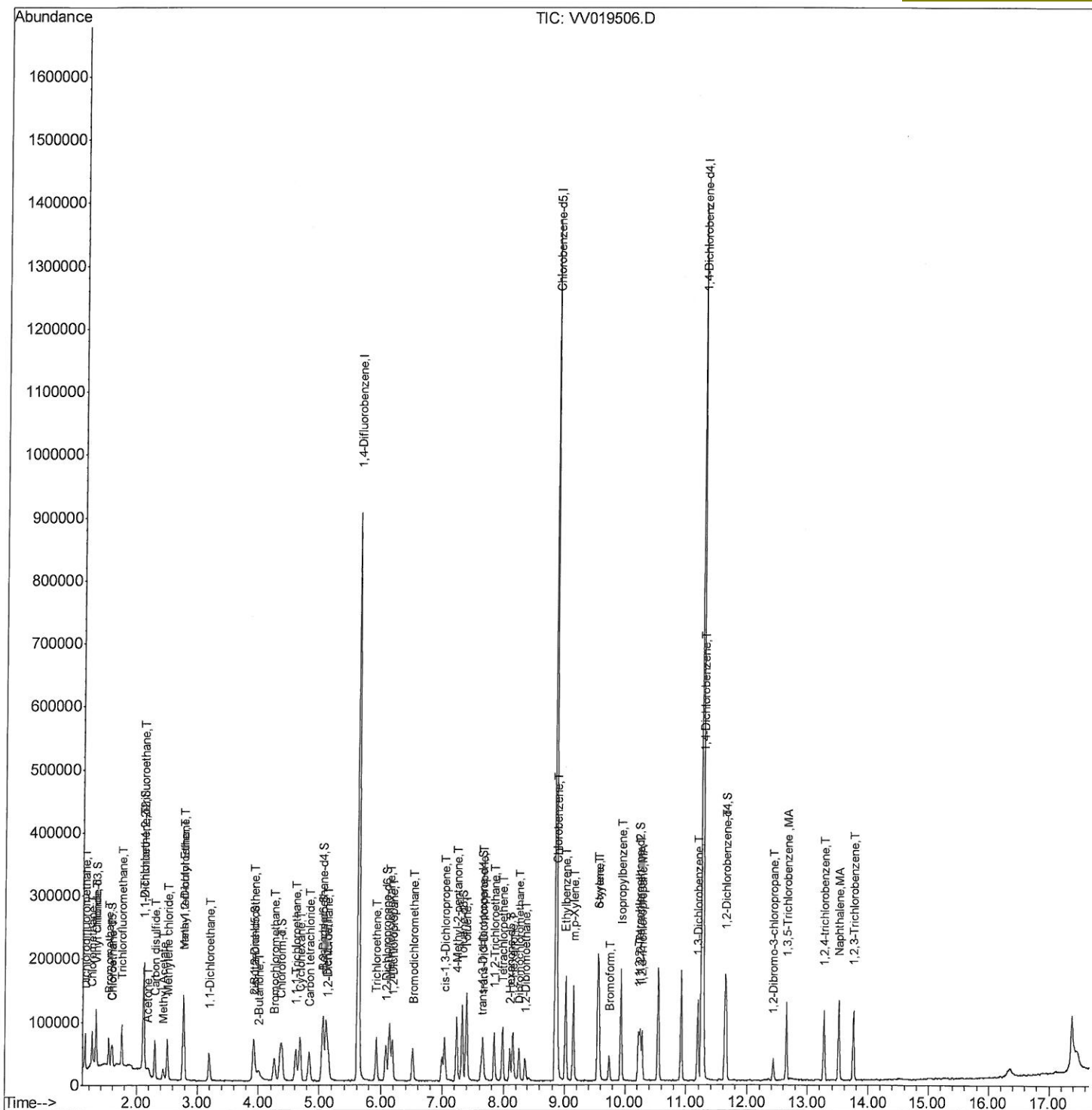
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121020\
Data File : VV019506.D
Acq On : 10 Dec 2020 11:40
Operator : SY/MD
Sample : VSTD00566
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00566

Quant Time: Dec 10 14:43:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 10 14:37:28 2020
Response via : Initial Calibration

Manual Integrations

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12/14/2020 9:11:32 AM



Quantitation Report (Qedit)

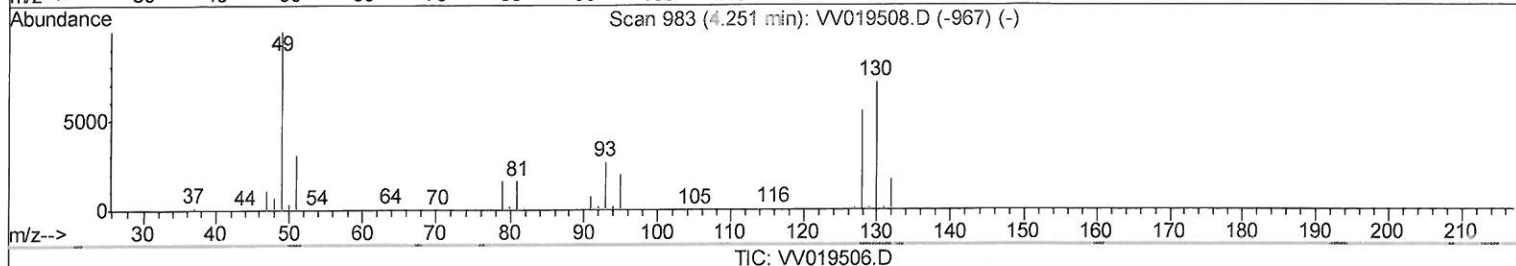
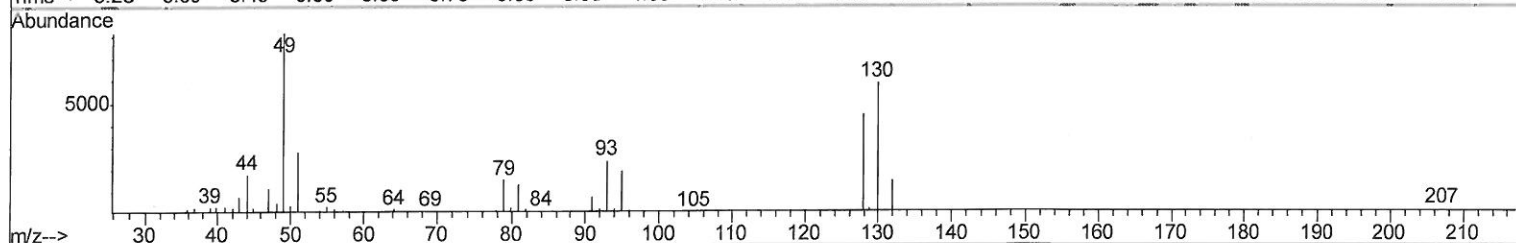
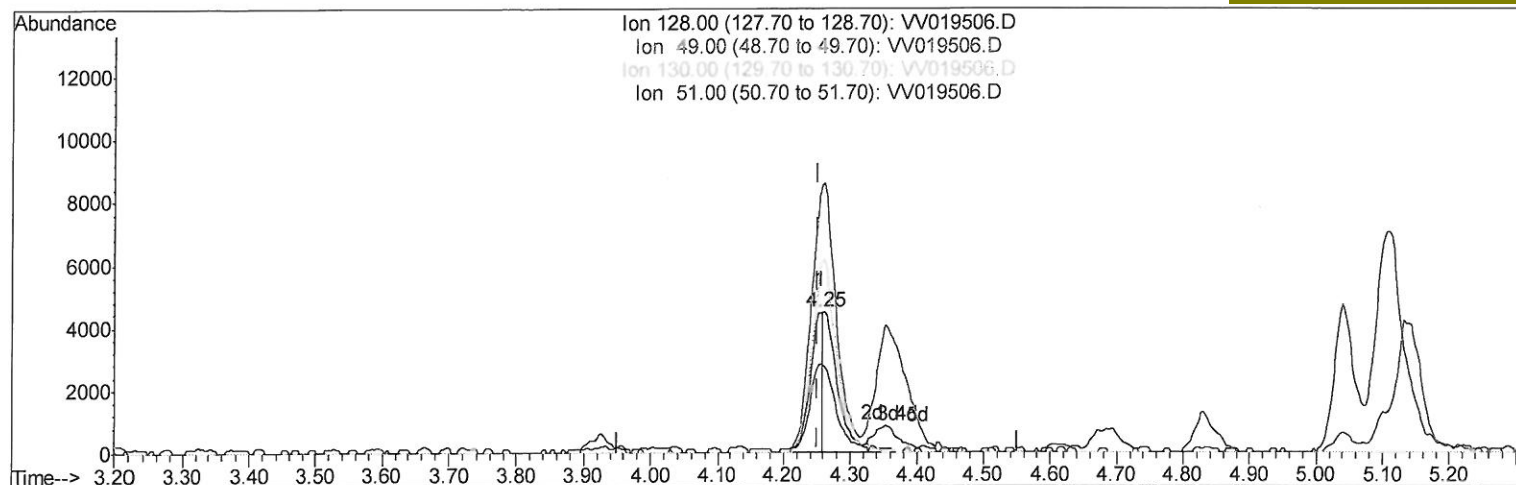
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(23) Bromochloromethane (T)

4.254min (+0.003) 2.21ug/L

response 5747

Ion	Exp%	Act%
128.00	100	100
49.00	181.40	183.30
130.00	129.00	132.45
51.00	55.60	63.31

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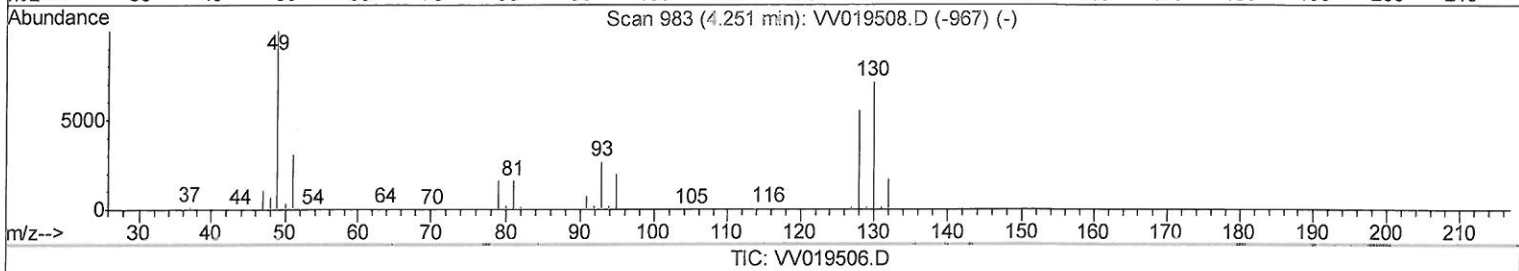
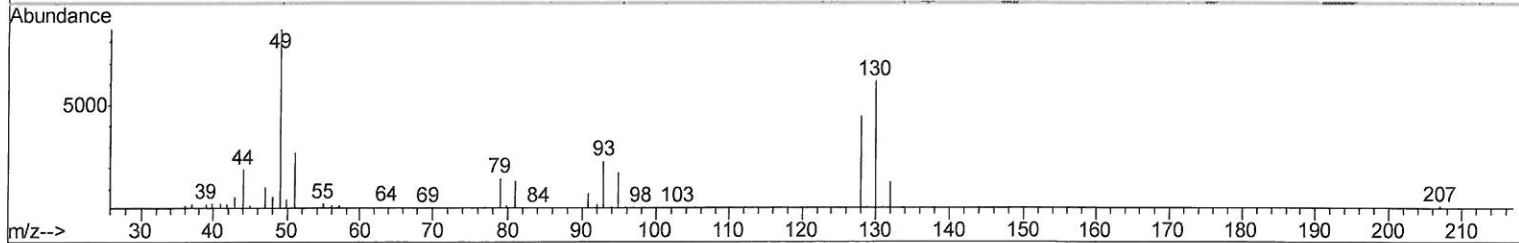
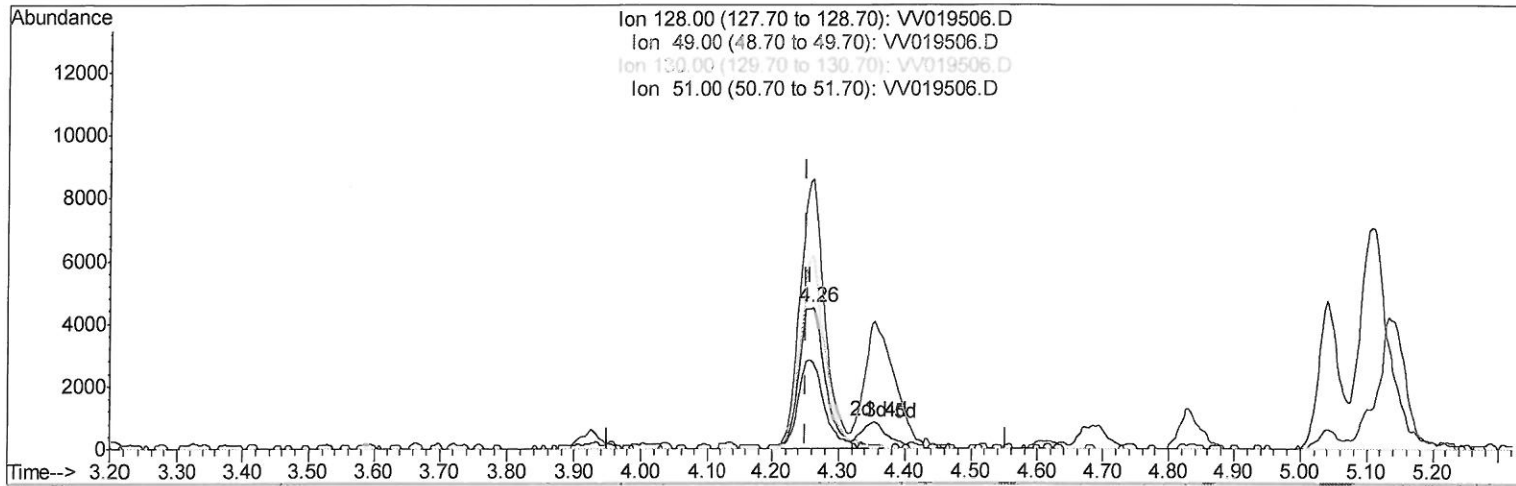
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(23) Bromochloromethane (T)

4.261min (+0.009) 4.72ug/L m

response 12272

Ion	Exp%	Act%
128.00	100	100
49.00	181.40	191.20
130.00	129.00	136.64
51.00	55.60	60.94

> 12/18/2020

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	744232	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	684851	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	328149	50.00	ug/L	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) Vinyl Chloride-d3	1.31	65	25233	6.09	ug/L	0.00
7) Chloroethane-d5	1.57	69	19522	4.59	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.11	63	46555	4.77	ug/L	0.00
21) 2-Butanone-d5	3.91	46	22449	7.25	ug/L	0.02
24) Chloroform-d	4.35	84	45020	4.72	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.04	65	28271	4.45	ug/L	0.00
32) Benzene-d6	5.06	84	84395	4.96	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.08	67	26033	4.52	ug/L	0.00
41) Toluene-d8	7.32	98	77478	5.29	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.63	79	15053	5.38	ug/L	0.00
47) 2-Hexanone-d5	8.10	63	19123	11.14	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.22	84	35663	5.17	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.63	152	29451	5.48	ug/L	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.13	85	28506	7.521	ug/L	100
3) Chloromethane	1.24	50	30504	7.348	ug/L	95
5) Vinyl chloride	1.31	62	30464	6.428	ug/L	95
6) Bromomethane	1.52	94	17899	4.404	ug/L	100
8) Chloroethane	1.59	64	18338	5.233	ug/L	98
9) Trichlorofluoromethane	1.76	101	37380	5.095	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	20212	4.777	ug/L	97
12) 1,1-Dichloroethene	2.12	96	21049	5.155	ug/L #	85
13) Acetone	2.19	43	25005	6.454	ug/L	99
14) Carbon disulfide	2.30	76	69558	5.959	ug/L	99
15) Methyl Acetate	2.44	43	23385	3.628	ug/L	97
16) Methylene chloride	2.51	84	26110	4.787	ug/L	98
17) trans-1,2-Dichloroethene	2.77	96	22415	4.890	ug/L	97
18) Methyl tert-butyl Ether	2.77	73	79704	4.780	ug/L	100
19) 1,1-Dichloroethane	3.20	63	45143	4.363	ug/L	99
20) cis-1,2-Dichloroethene	3.92	96	24637	4.672	ug/L #	97
22) 2-Butanone	4.00	43	28087	5.800	ug/L	100
23) Bromochloromethane	4.26	128	12272m	4.719	ug/L	98
25) Chloroform	4.38	83	44494	4.344	ug/L	99
27) 1,2-Dichloroethane	5.14	62	36927	4.421	ug/L	99
29) Cyclohexane	4.68	56	39070	5.392	ug/L	97
30) 1,1,1-Trichloroethane	4.61	97	41537	5.011	ug/L	99
31) Carbon tetrachloride	4.83	117	34142	5.001	ug/L	99
33) Benzene	5.10	78	96584	4.967	ug/L	100
34) Trichloroethene	5.92	95	25755	4.738	ug/L	98
35) Methylcyclohexane	6.14	83	37827	5.616	ug/L	99
37) 1,2-Dichloropropane	6.18	63	24189	4.286	ug/L	99
38) Bromodichloromethane	6.51	83	35033	4.744	ug/L	98
39) cis-1,3-Dichloropropene	7.03	75	38926	4.763	ug/L	97
40) 4-Methyl-2-pentanone	7.23	43	67476	8.155	ug/L	99

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42) Toluene	7.39	91	100515	5.100	ug/L	100
44) trans-1,3-Dichloropropene	7.66	75	41588	5.024	ug/L	100
45) 1,1,2-Trichloroethane	7.85	97	24183	4.725	ug/L	97
46) Tetrachloroethene	7.98	164	17543	5.229	ug/L	96
48) 2-Hexanone	8.15	43	51989	7.909	ug/L	96
49) Dibromochloromethane	8.25	129	24751	4.617	ug/L	99
50) 1,2-Dibromoethane	8.36	107	24087	4.690	ug/L	99
51) Chlorobenzene	8.89	112	63621	4.943	ug/L	97
52) Ethylbenzene	9.02	91	113321	5.224	ug/L	100
53) m,p-Xylene	9.14	106	42075	5.400	ug/L	97
54) o-xylene	9.55	106	40896	5.421	ug/L	98
55) Styrene	9.57	104	70596	5.285	ug/L	98
56) Isopropylbenzene	9.94	105	110272	5.399	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.25	83	38440	4.924	ug/L	99
59) 1,2,3-Trichloropropane	10.28	75	30798	4.394	ug/L	100
61) Bromoform	9.74	173	15961	4.366	ug/L	95
62) 1,3-Dichlorobenzene	11.19	146	47971	5.045	ug/L	97
63) 1,4-Dichlorobenzene	11.28	146	49029	4.930	ug/L	98
65) 1,2-Dichlorobenzene	11.65	146	46544	4.796	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.43	75	9160	4.703	ug/L	98
67) 1,3,5-Trichlorobenzene	12.65	180	33412	4.718	ug/L	99
68) 1,2,4-trichlorobenzene	13.27	180	30119	4.802	ug/L	96
69) Naphthalene	13.51	128	96949	5.459	ug/L	100
70) 1,2,3-Trichlorobenzene	13.75	180	29406	4.594	ug/L	98

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