

Data File : VW009220.D
Acq On : 18 Mar 2019 10:42
Operator : SY/VA
Sample : K1949-12
Misc : 6.15G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0Z3

Quant Time: Mar 18 11:13:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 11:10:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	482223	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	447914	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	212050	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	157659	27.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.44%
7) Chloroethane-d5	2.90	69	143078	21.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.88%
10) 1,1-Dichloroethene-d2	4.01	63	242688	19.49	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.96%
20) 2-Butanone-d5	7.07	46	73075	30.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.32%
24) Chloroform-d	7.64	84	306457	23.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.16%
26) 1,2-Dichloroethane-d4	8.31	65	170131	21.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.84%
29) Benzene-d6	8.27	84	599487	24.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.08%
33) 1,2-Dichloropropane-d6	9.27	67	174208	23.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.92%
37) Toluene-d8	10.32	98	548266	24.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.00%
38) trans-1,3-Dichloropropene-	10.57	79	77174	20.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.84%
39) 2-Hexanone-d5	10.93	63	52671	29.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128791	17.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	194141	23.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.52%

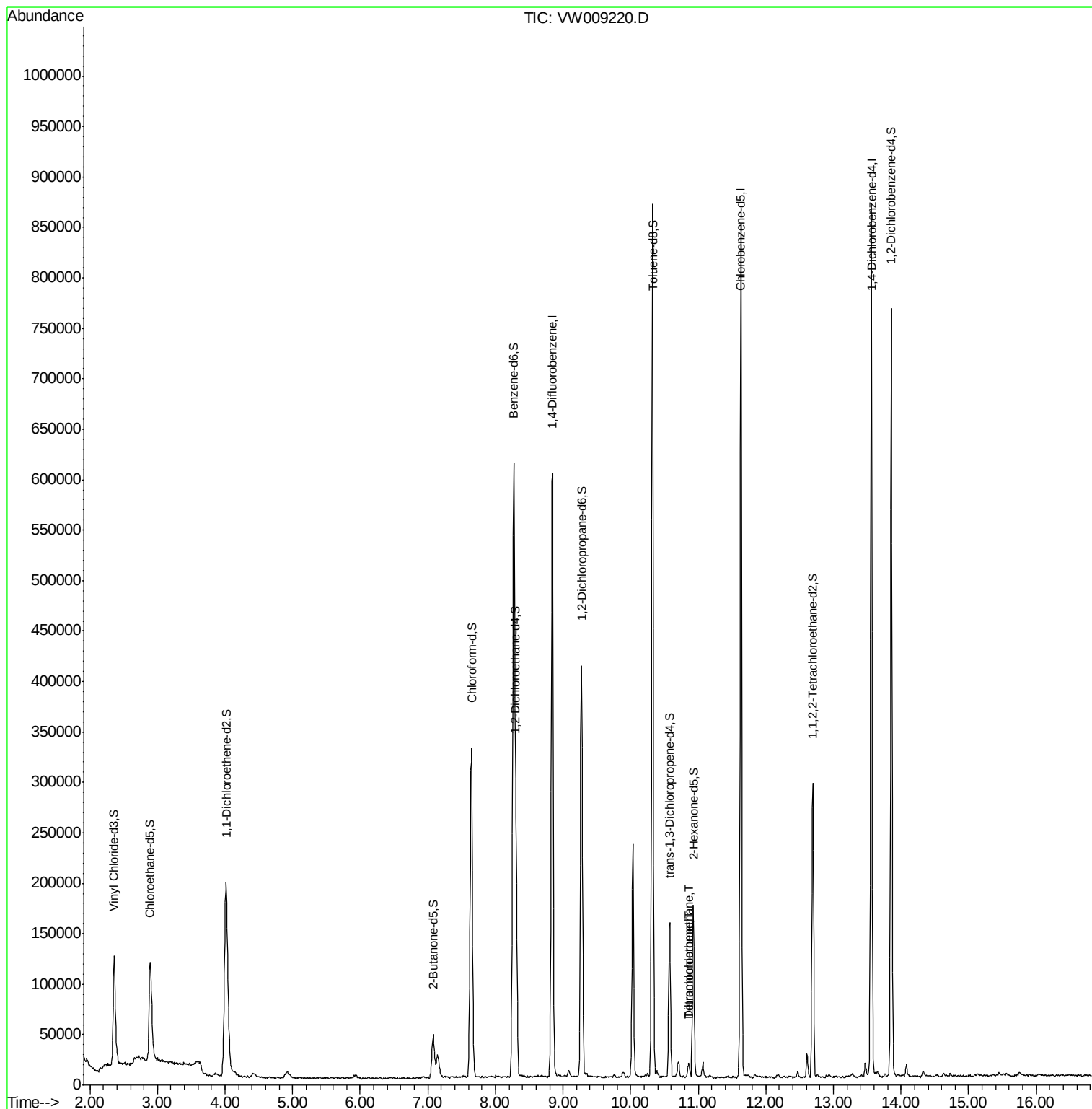
Target Compounds						Qvalue
47) Tetrachloroethene	10.87	164	2633	0.477	ug/L	86
50) Dibromochloromethane	10.87	129	2877	0.464	ug/L #	9

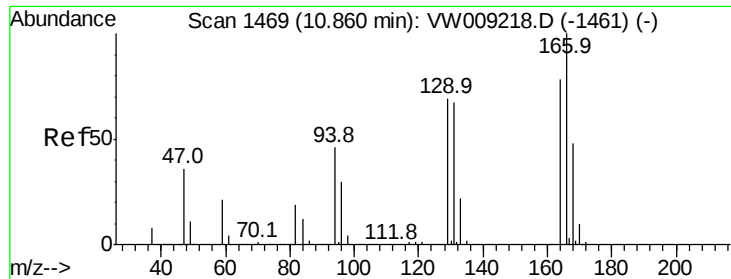
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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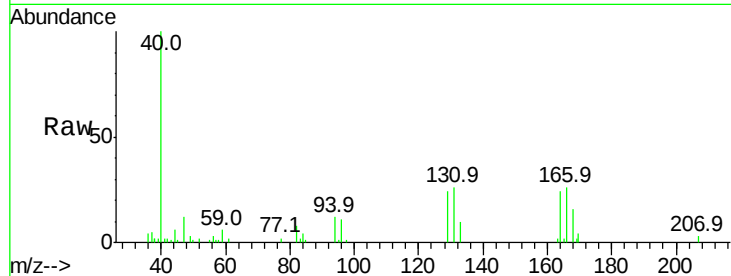




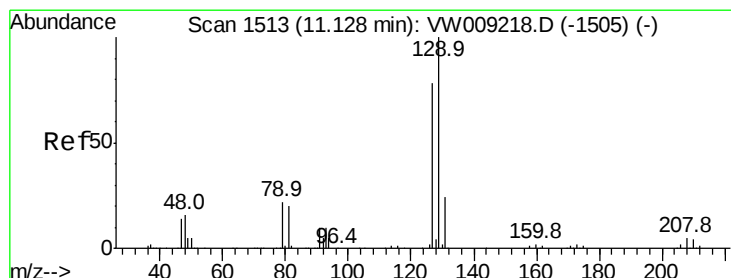
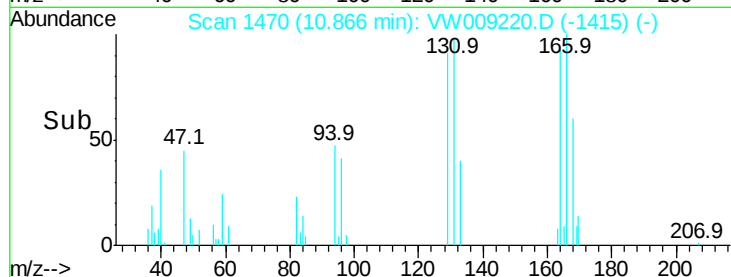
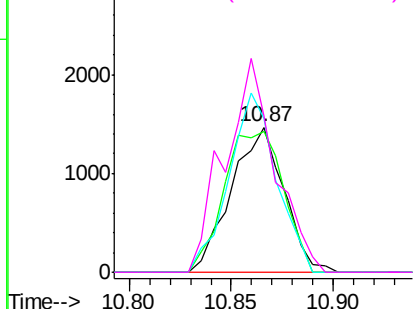
#47
Tetrachloroethene
Concen: 0.477 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW009220.D
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Instrument :
MSVOA_W
ClientSampleId :
BF0Z3

Tgt Ion:164 Resp: 2633
Ion Ratio Lower Upper
164 100
129 97.5 66.5 123.5
131 105.6 62.6 116.3
166 107.7 91.6 170.0

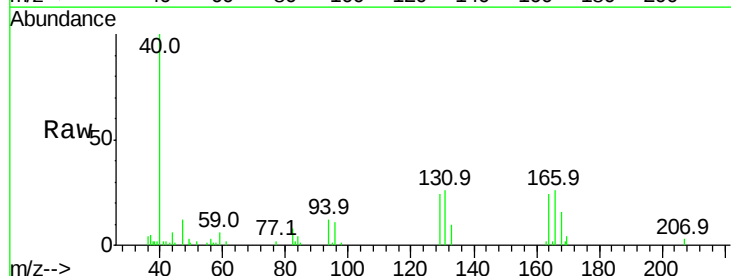


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V



#50
Dibromochloromethane
Concen: 0.464 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.26 min
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Tgt Ion:129 Resp: 2877
Ion Ratio Lower Upper
129 100
127 0.0 56.8 105.6#



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

