

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082020\
 Data File : VW016265.D
 Acq On : 20 Aug 2020 14:33
 Operator : SY/VA
 Sample : L3767-09
 Misc : 6.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSR7

Quant Time: Aug 21 04:18:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 21 03:27:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	368317	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	342906	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	148390	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	75116	16.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.80%
7) Chloroethane-d5	2.89	69	63559	18.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.36%
10) 1,1-Dichloroethene-d2	4.02	63	130441	13.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.80%
20) 2-Butanone-d5	7.08	46	37517	31.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.44%
24) Chloroform-d	7.65	84	209729	21.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.88%
26) 1,2-Dichloroethane-d4	8.31	65	98579	18.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.12%
29) Benzene-d6	8.28	84	392697	21.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.20%
33) 1,2-Dichloropropane-d6	9.27	67	116265	21.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.76%
37) Toluene-d8	10.33	98	353765	20.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.72%
38) trans-1,3-Dichloropropene-	10.58	79	44918	18.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.88%
39) 2-Hexanone-d5	10.93	63	30727	32.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	84875	19.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	128542	24.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.76%

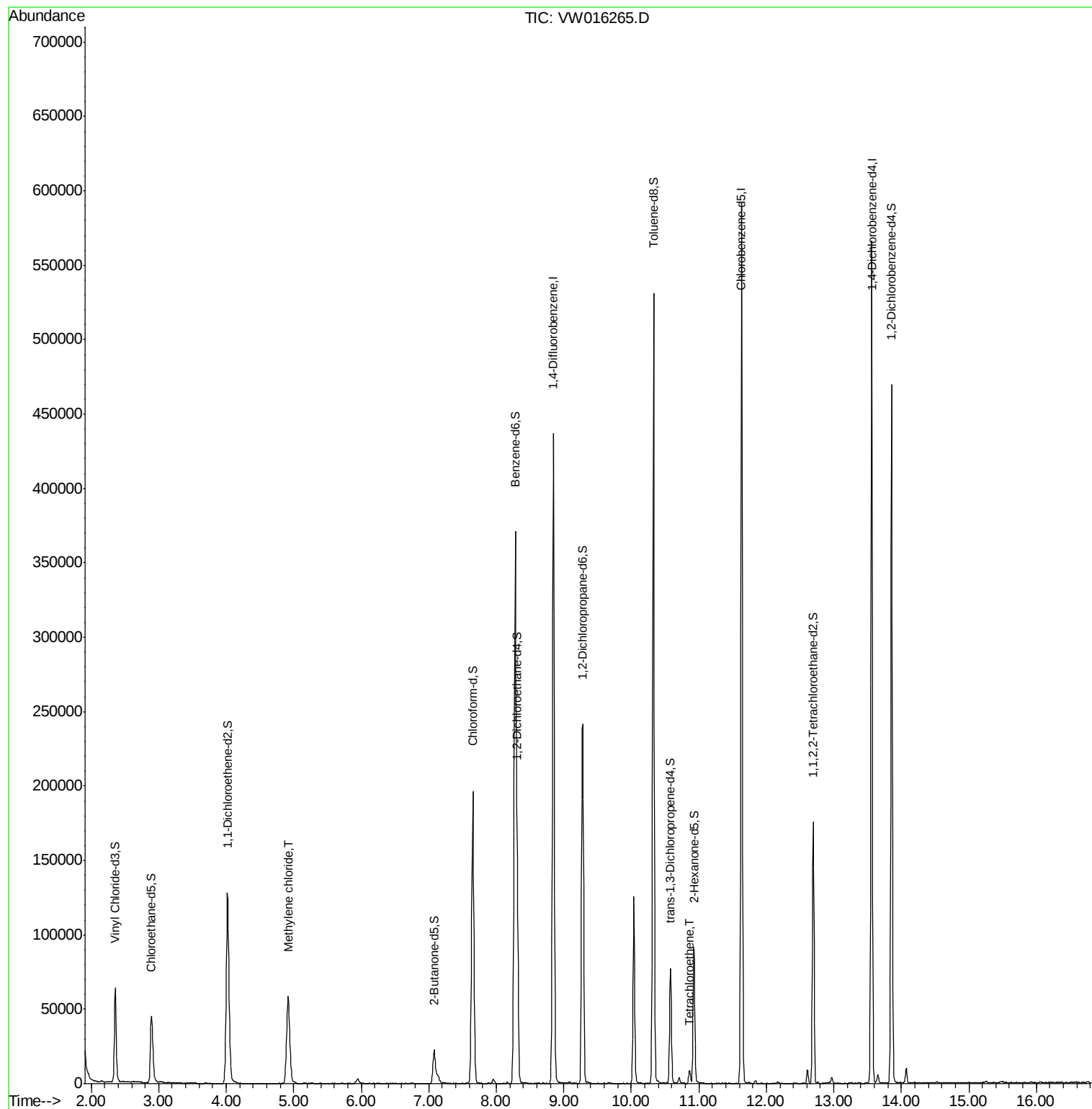
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	51843	8.914 ug/L	89
47) Tetrachloroethene	10.87	164	2173	0.545 ug/L	82

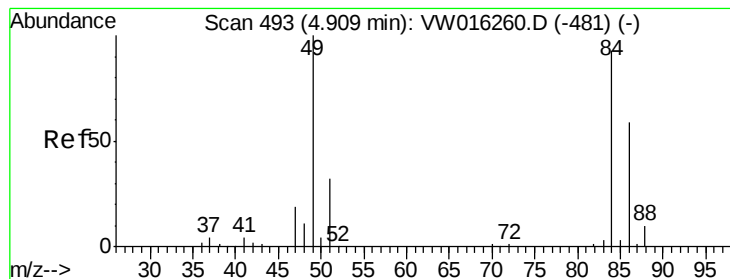
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methvlene chloride

Concen: 8.914 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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ClientSampleId :

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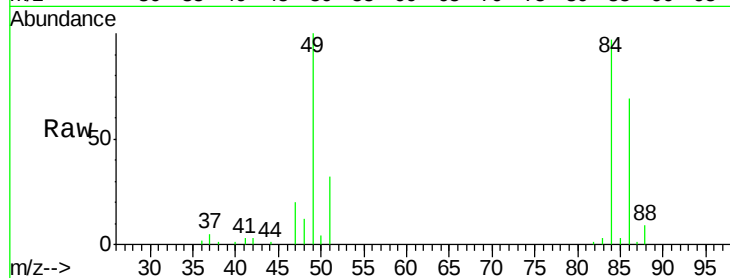
Tot Ion: 84 Resp: 51843

Ion Ratio Lower Upper

84 100

49 103.2 80.4 149.4

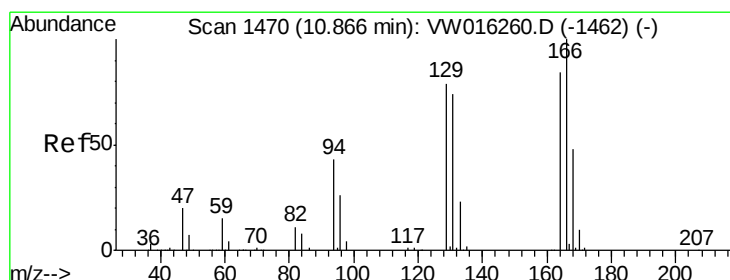
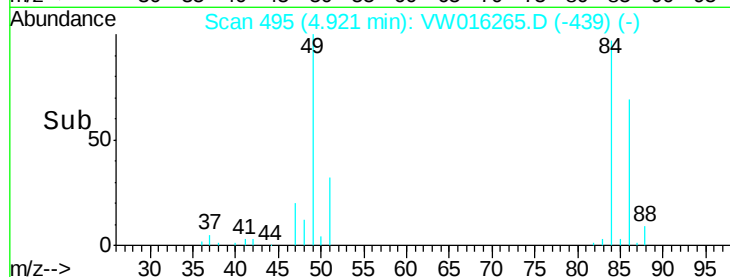
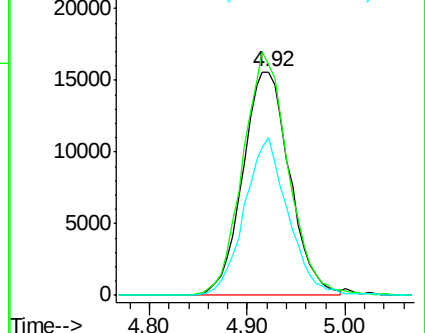
86 70.8 43.8 81.3



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



#47

Tetrachloroethene

Concen: 0.545 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

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Tgt Ion: 164 Resp: 2173

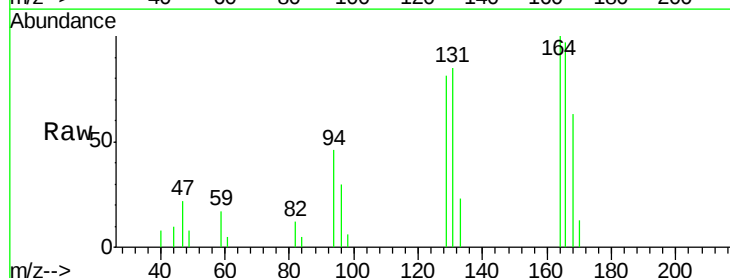
Ion Ratio Lower Upper

164 100

129 80.9 71.5 132.9

131 85.5 65.4 121.4

166 97.1 86.9 161.5



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

