

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090920\
 Data File : VW016496.D
 Acq On : 09 Sep 2020 14:57
 Operator : SY/VA
 Sample : L3950-02
 Misc : 5.66G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWT8

Quant Time: Sep 10 05:22:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 10 05:09:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	853943	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	741228	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	326842	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	218026	24.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.24%
7) Chloroethane-d5	2.90	69	187163	23.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.04%
10) 1,1-Dichloroethene-d2	4.03	63	331810	15.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.72%
20) 2-Butanone-d5	7.08	46	87608	27.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.16%
24) Chloroform-d	7.65	84	412433	20.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.48%
26) 1,2-Dichloroethane-d4	8.31	65	211876	19.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.48%
29) Benzene-d6	8.28	84	843394	22.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.52%
33) 1,2-Dichloropropane-d6	9.27	67	230498	20.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.28%
37) Toluene-d8	10.33	98	805721	22.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.00%
38) trans-1,3-Dichloropropene-	10.58	79	107653	19.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.08%
39) 2-Hexanone-d5	10.93	63	73430	32.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	164365	17.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	244236	21.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.48%

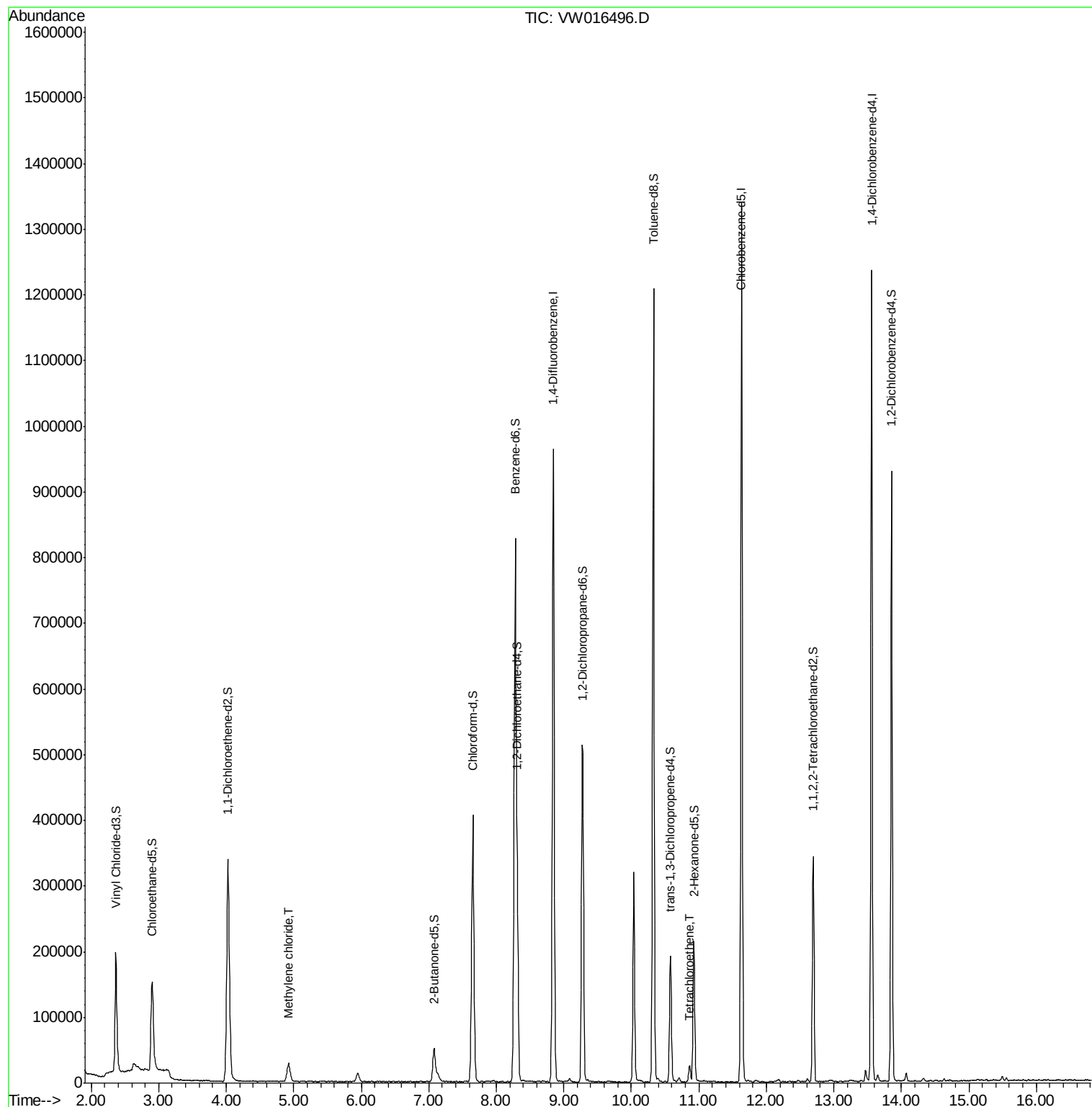
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	23207	1.741 ug/L	86
47) Tetrachloroethene	10.87	164	5698	0.633 ug/L	90

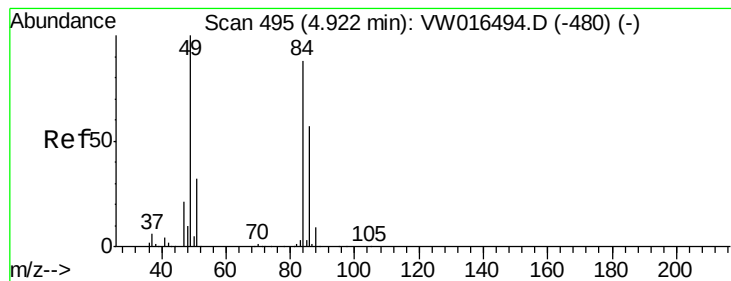
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 1.741 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampled :

BFWT8

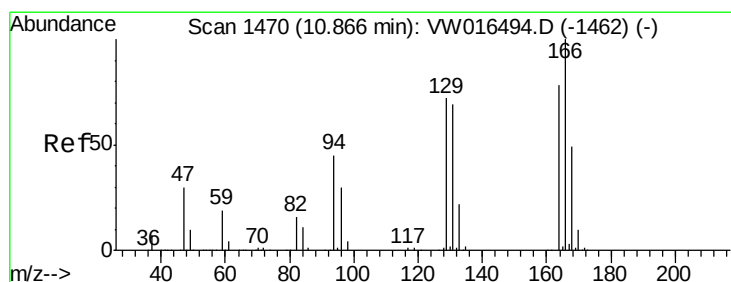
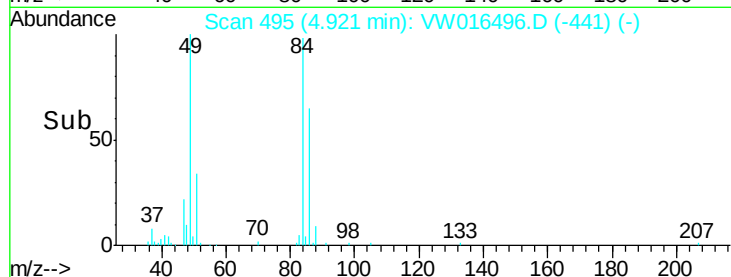
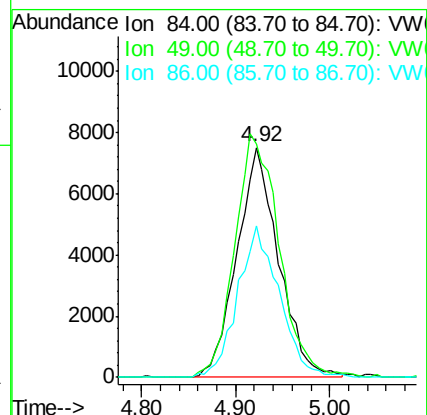
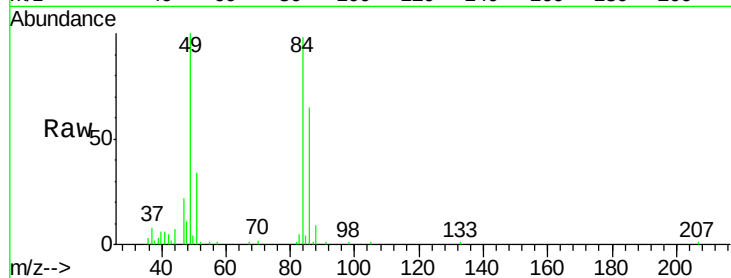
Tot Ion: 84 Resp: 23207

Ion Ratio Lower Upper

84 100

49 101.6 86.7 160.9

86 66.3 44.9 83.5



#47

Tetrachloroethene

Concen: 0.633 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW016496.D

Acq: 09 Sep 2020 14:57

Tgt Ion: 164 Resp: 5698

Ion Ratio Lower Upper

164 100

129 78.2 65.7 121.9

131 81.6 61.1 113.5

166 130.6 85.0 157.8

