

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090920\
 Data File : VW016502.D
 Acq On : 09 Sep 2020 17:20
 Operator : SY/VA
 Sample : L3950-08
 Misc : 5.81G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWW4

Quant Time: Sep 10 05:47:54 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	694909	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	611293	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	271706	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	183535	24.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.56%
7) Chloroethane-d5	2.90	69	159496	24.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.36%
10) 1,1-Dichloroethene-d2	4.03	63	278077	16.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.60%
20) 2-Butanone-d5	7.08	46	82852	31.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.94%
24) Chloroform-d	7.65	84	365316	22.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.76%
26) 1,2-Dichloroethane-d4	8.31	65	193835	21.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.12%
29) Benzene-d6	8.28	84	726393	23.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.48%
33) 1,2-Dichloropropane-d6	9.28	67	205130	22.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.88%
37) Toluene-d8	10.33	98	696025	23.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.24%
38) trans-1,3-Dichloropropene-	10.58	79	96660	20.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.92%
39) 2-Hexanone-d5	10.93	63	68865	36.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	159516	20.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	225647	24.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.12%

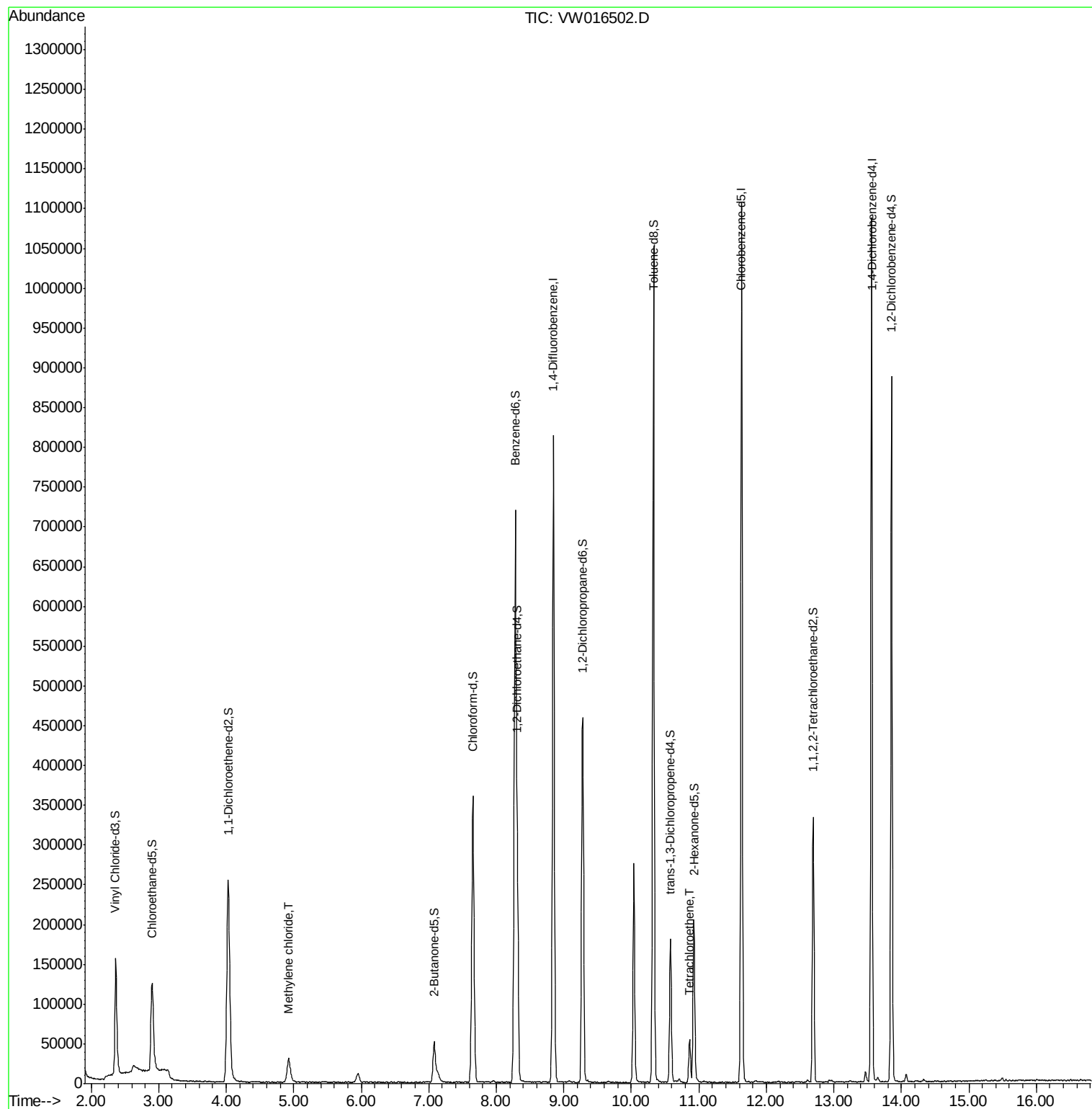
Target Compounds					Ovalue
16) Methylene chloride	4.93	84	25427	2.345 ug/L	89
47) Tetrachloroethene	10.87	164	11260	1.516 ug/L	85

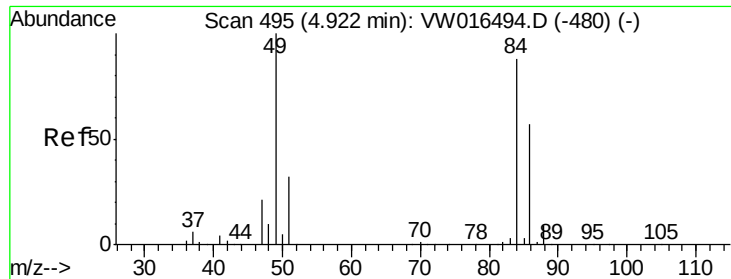
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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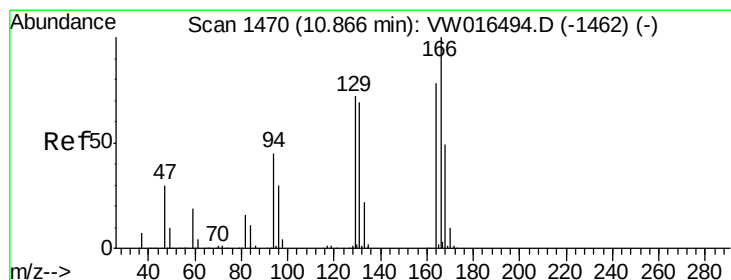
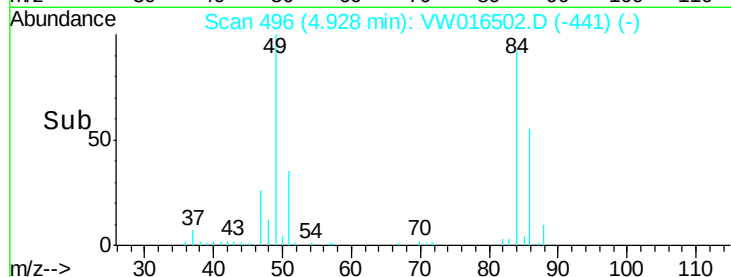
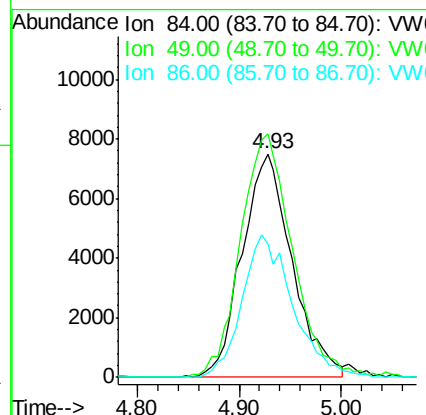
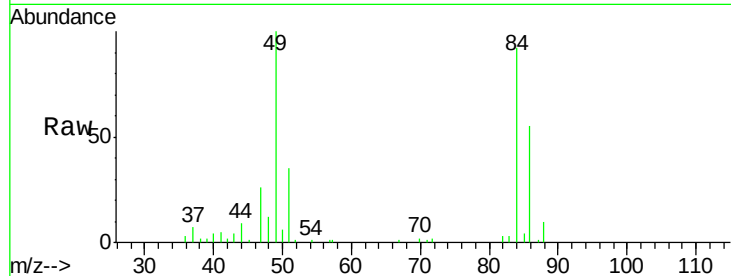




#16
Methylene chloride
Concen: 2.345 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW016502.D
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Instrument :
MSVOA_W
ClientSampled :
BFWW4

Tot Ion: 84 Resp: 25427
Ion Ratio Lower Upper
84 100
49 109.0 86.7 160.9
86 59.6 44.9 83.5



#47
Tetrachloroethene
Concen: 1.516 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016502.D
Acq: 09 Sep 2020 17:20

Tgt Ion: 164 Resp: 11260
Ion Ratio Lower Upper
164 100
129 112.9 65.7 121.9
131 107.2 61.1 113.5
166 129.4 85.0 157.8

