

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091120\
 Data File : VW016549.D
 Acq On : 11 Sep 2020 15:04
 Operator : SY/VA
 Sample : L3950-17
 Misc : 5.98G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWZ7

Quant Time: Sep 12 08:03:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 12 07:12:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	602797	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	527499	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	230971	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	123391	19.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.16%
7) Chloroethane-d5	2.90	69	123720	21.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.16%
10) 1,1-Dichloroethene-d2	4.03	63	186125	12.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.64%
20) 2-Butanone-d5	7.09	46	68846	30.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.28%
24) Chloroform-d	7.65	84	301365	21.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.36%
26) 1,2-Dichloroethane-d4	8.31	65	160345	20.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.08%
29) Benzene-d6	8.28	84	545883	20.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.44%
33) 1,2-Dichloropropane-d6	9.28	67	165567	21.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.08%
37) Toluene-d8	10.33	98	487643	19.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.52%
38) trans-1,3-Dichloropropene-	10.58	79	72994	18.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.44%
39) 2-Hexanone-d5	10.93	63	53443	33.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	135841	20.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	172065	21.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.24%

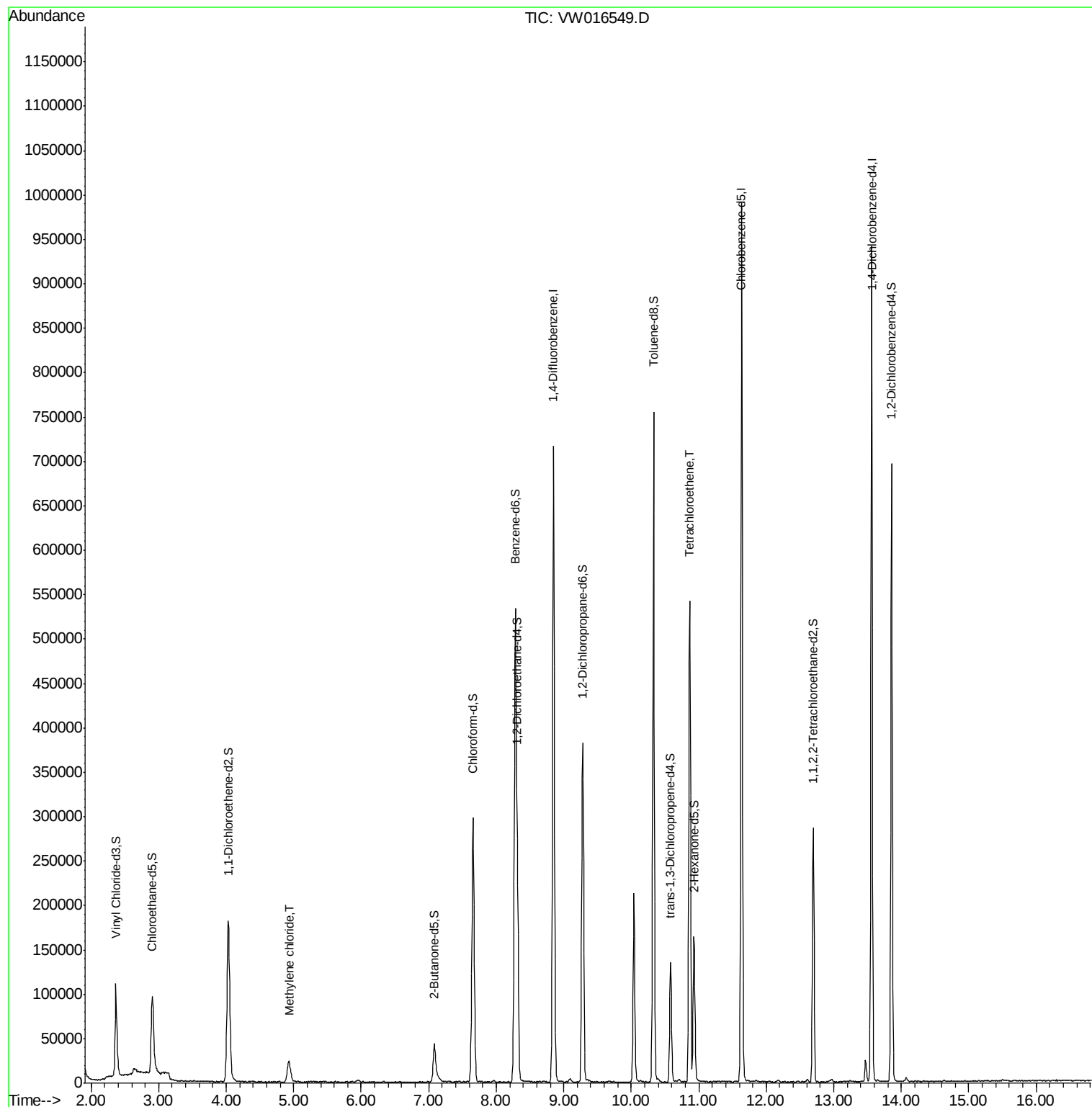
Target Compounds					Ovalue
16) Methylene chloride	4.93	84	19389	2.061 ug/L	90
47) Tetrachloroethene	10.87	164	113873	17.772 ug/L	97

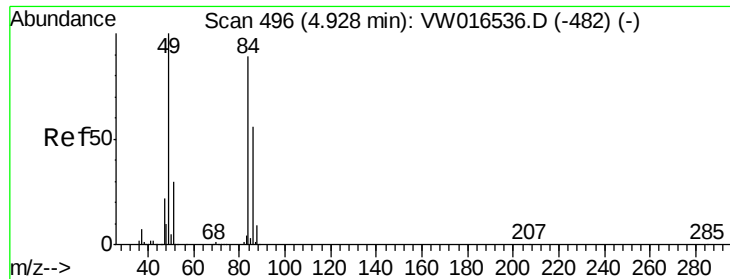
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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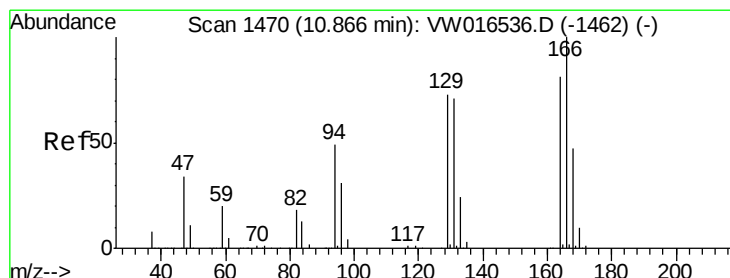
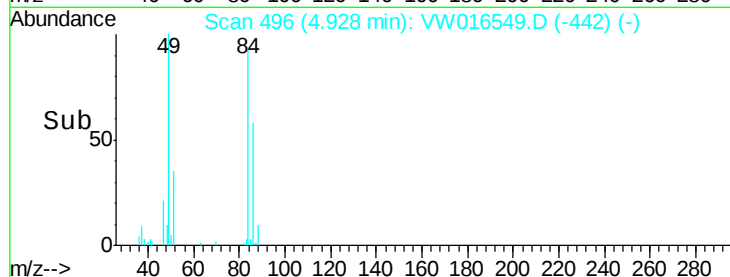
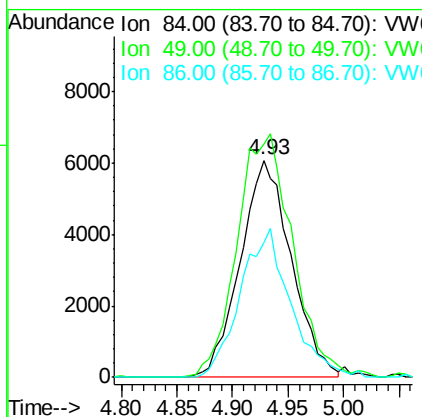
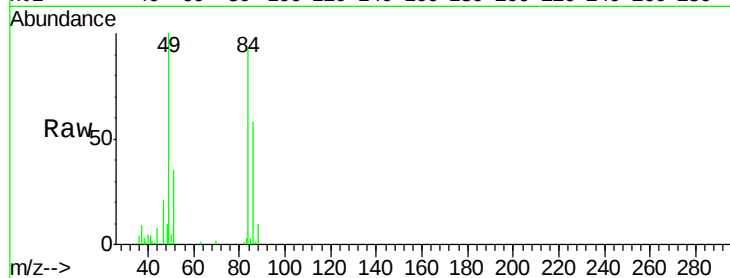




#16
Methvlene chloride
Concen: 2.061 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.00 min
Lab File: VW016549.D
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Tot Ion: 84 Resp: 19389
Ion Ratio Lower Upper
84 100
49 107.5 86.7 160.9
86 62.0 44.9 83.5



#47
Tetrachloroethene
Concen: 17.772 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016549.D
Acq: 11 Sep 2020 15:04

Tgt Ion: 164 Resp: 113873
Ion Ratio Lower Upper
164 100
129 94.9 65.7 121.9
131 95.2 61.1 113.5
166 120.8 85.0 157.8

