

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080620\
 Data File : VW016046.D
 Acq On : 06 Aug 2020 16:18
 Operator : SY/VA
 Sample : L3564-12
 Misc : 6.12G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSM9

Quant Time: Aug 07 07:52:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 07 07:41:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	324417	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	291351	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	127232	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	67837	14.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.28%
7) Chloroethane-d5	2.89	69	59533	16.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.04%
10) 1,1-Dichloroethene-d2	4.01	63	117447	12.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.76%
20) 2-Butanone-d5	7.09	46	43710	36.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.70%
24) Chloroform-d	7.65	84	176516	19.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.48%
26) 1,2-Dichloroethane-d4	8.31	65	91548	18.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.20%
29) Benzene-d6	8.27	84	352059	19.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.40%
33) 1,2-Dichloropropane-d6	9.27	67	105853	19.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.64%
37) Toluene-d8	10.32	98	320893	19.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.92%
38) trans-1,3-Dichloropropene-	10.58	79	42499	18.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.00%
39) 2-Hexanone-d5	10.93	63	35614	40.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	85321	20.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	111496	22.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.88%

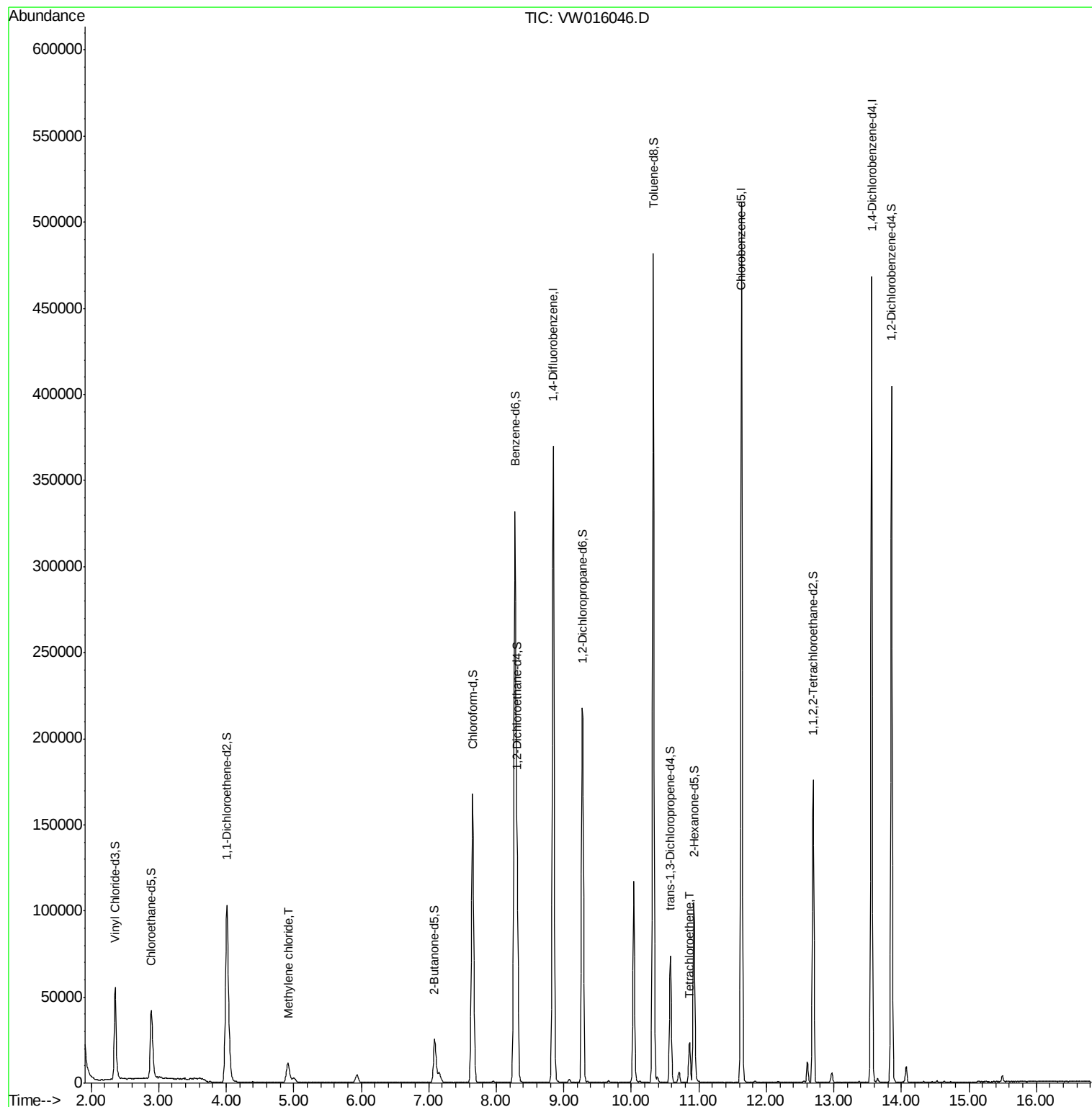
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	10260	1.930 ug/L	84
47) Tetrachloroethene	10.86	164	5736	1.579 ug/L	94

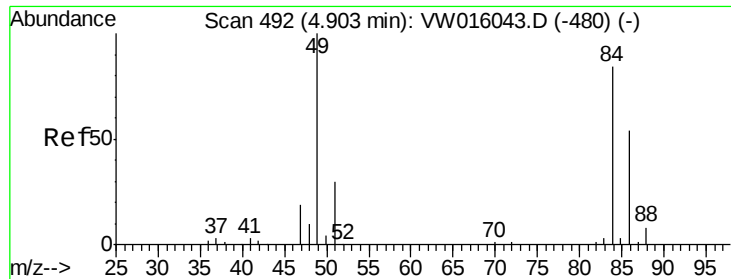
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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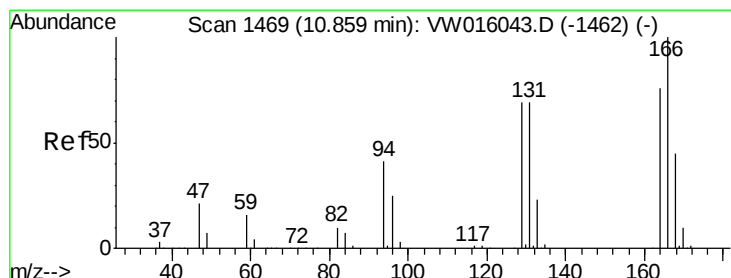
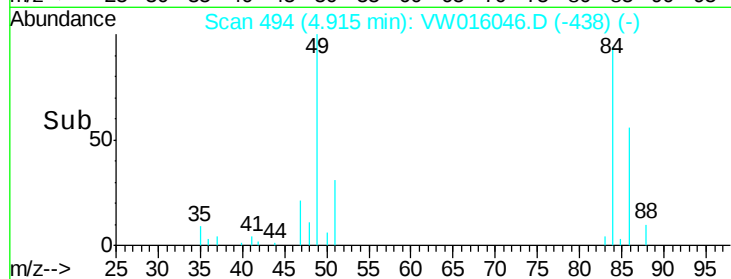
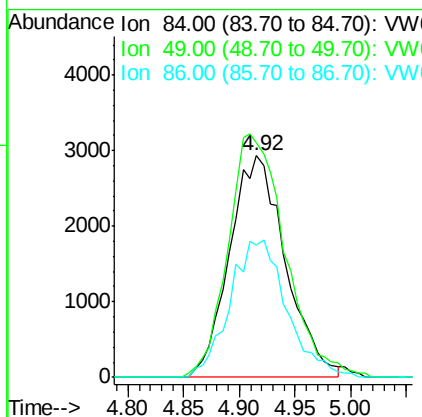
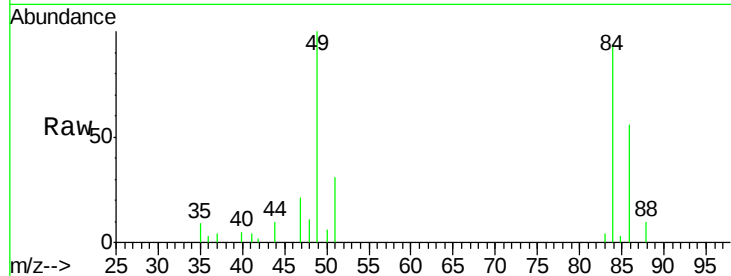




#16
Methylene chloride
Concen: 1.930 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW016046.D
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Tot Ion: 84 Resp: 10260
Ion Ratio Lower Upper
84 100
49 106.1 91.1 169.1
86 59.7 46.0 85.4



#47
Tetrachloroethene
Concen: 1.579 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW016046.D
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Tgt Ion: 164 Resp: 5736
Ion Ratio Lower Upper
164 100
129 88.2 70.0 130.0
131 90.9 67.3 124.9
166 122.9 88.5 164.3

