

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\
 Data File : VW016089.D
 Acq On : 07 Aug 2020 22:55
 Operator : SY/VA
 Sample : L3564-13
 Misc : 6.31G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSN0

Quant Time: Aug 08 06:11:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 05:08:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	346475	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	302465	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	114762	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	68383	13.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.96%
7) Chloroethane-d5	2.89	69	60553	15.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.00%
10) 1,1-Dichloroethene-d2	4.01	63	117983	11.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.76%
20) 2-Butanone-d5	7.09	46	45402	35.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.70%
24) Chloroform-d	7.65	84	191586	19.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.76%
26) 1,2-Dichloroethane-d4	8.30	65	97408	18.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.96%
29) Benzene-d6	8.27	84	364136	19.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.12%
33) 1,2-Dichloropropane-d6	9.27	67	111245	20.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.64%
37) Toluene-d8	10.33	98	316963	19.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.04%
38) trans-1,3-Dichloropropene-	10.58	79	40989	17.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.68%
39) 2-Hexanone-d5	10.93	63	37563	40.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	86502	20.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	96658	21.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.40%

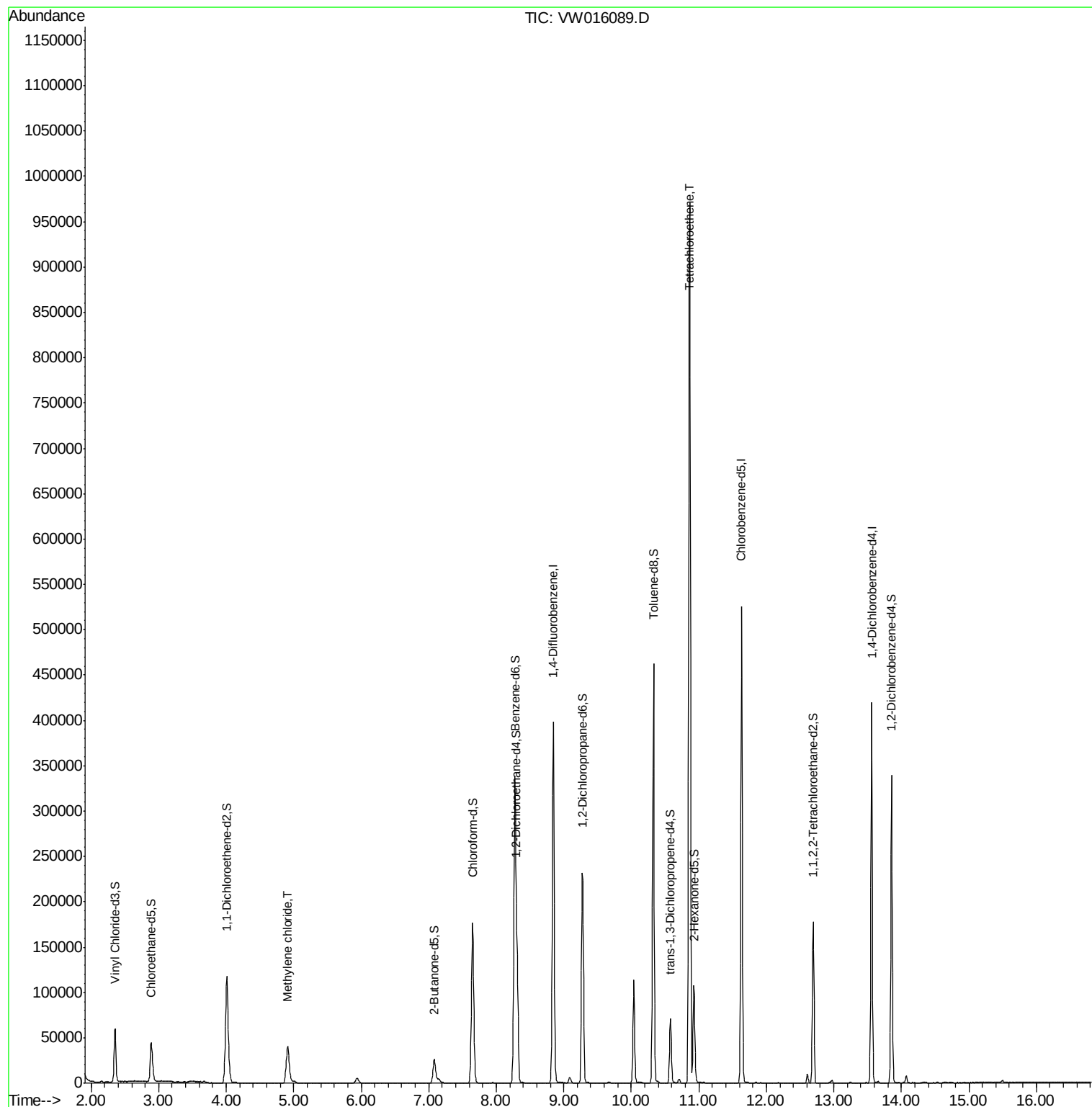
Target Compounds					Ovalue
16) Methylene chloride	4.91	84	33860	5.964 ug/L	88
47) Tetrachloroethene	10.87	164	236355	62.660 ug/L	93

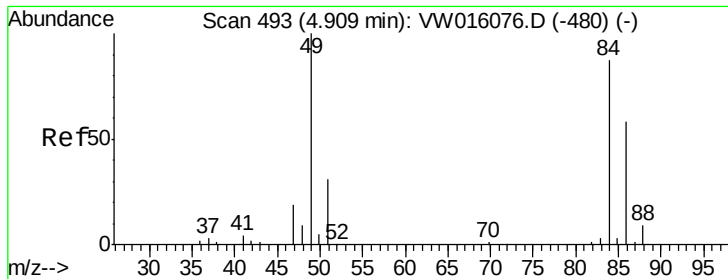
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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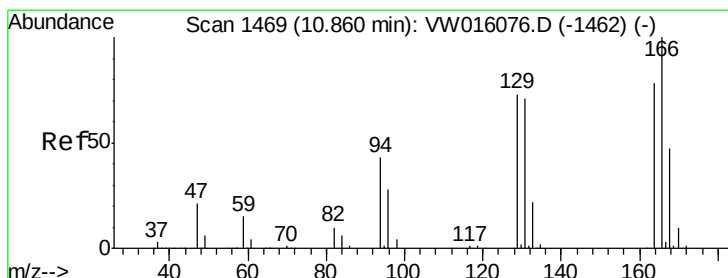
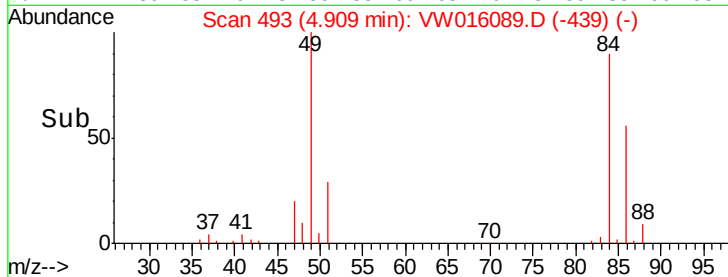
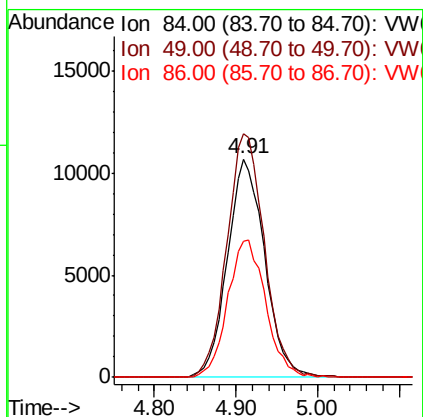
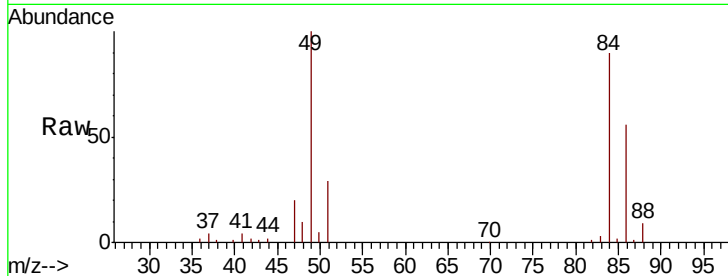




#16
Methylene chloride
Concen: 5.964 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW016089.D
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MSVOA_W
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Tot Ion: 84 Resp: 33860
Ion Ratio Lower Upper
84 100
49 111.3 91.1 169.1
86 62.1 46.0 85.4



#47
Tetrachloroethene
Concen: 62.660 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW016089.D
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Tgt Ion:164 Resp: 236355
Ion Ratio Lower Upper
164 100
129 90.5 70.0 130.0
131 85.8 67.3 124.9
166 122.7 88.5 164.3

