

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080620\
 Data File : VW016050.D
 Acq On : 06 Aug 2020 17:53
 Operator : SY/VA
 Sample : L3564-21
 Misc : 5.80G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSM3

Quant Time: Aug 07 08:02:46 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	336365	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	295643	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	133487	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	64734	13.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.56%
7) Chloroethane-d5	2.89	69	55850	14.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.96%
10) 1,1-Dichloroethene-d2	4.01	63	110977	11.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.28%
20) 2-Butanone-d5	7.09	46	40008	32.09	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.18%
24) Chloroform-d	7.65	84	168194	17.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.20%
26) 1,2-Dichloroethane-d4	8.31	65	88614	17.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	68.36%#
29) Benzene-d6	8.27	84	332425	18.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.88%
33) 1,2-Dichloropropane-d6	9.27	67	100150	18.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	74.24%
37) Toluene-d8	10.33	98	300316	18.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.68%
38) trans-1,3-Dichloropropene-	10.58	79	40227	17.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.96%
39) 2-Hexanone-d5	10.93	63	34687	38.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	81025	19.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	100570	19.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.28%

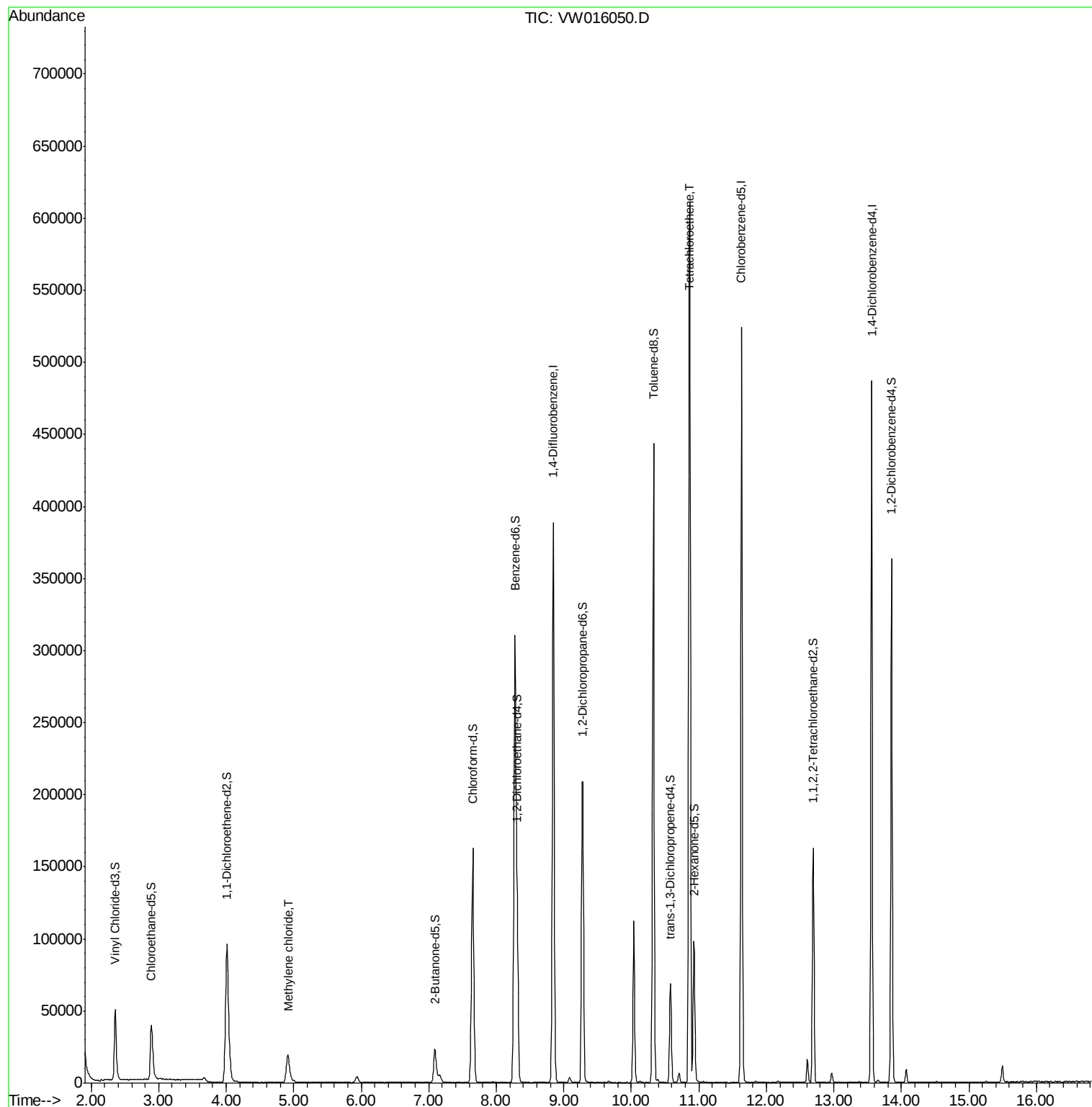
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	17254	3.130 ug/L	89
47) Tetrachloroethene	10.87	164	148985	40.408 ug/L	95

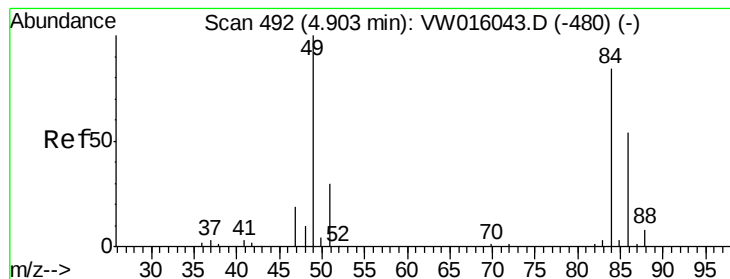
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methvlene chloride

Concen: 3.130 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.02 min

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Instrument :

MSVOA_W

ClientSampleId :

BFSM3

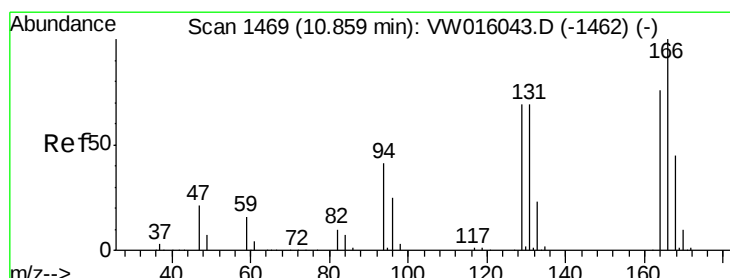
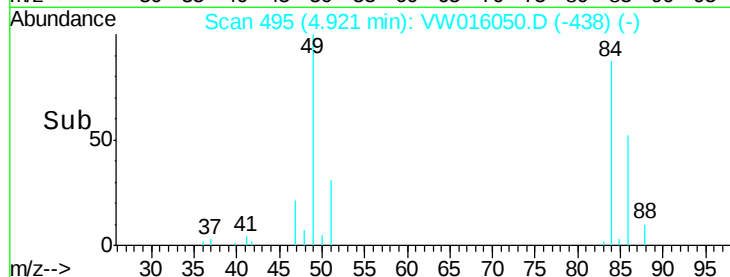
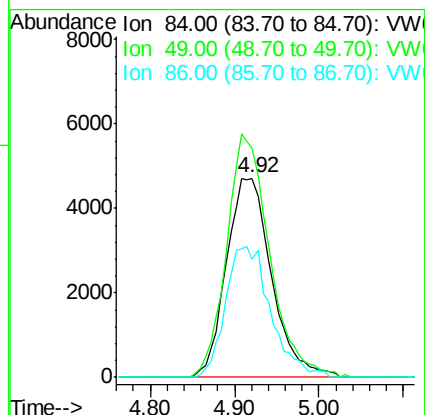
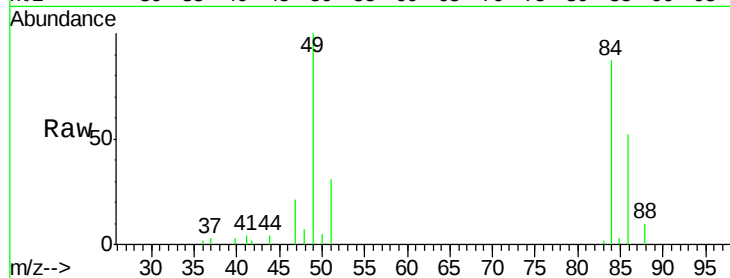
Tot Ion: 84 Resp: 17254

Ion Ratio Lower Upper

84 100

49 115.4 91.1 169.1

86 59.5 46.0 85.4



#47

Tetrachloroethene

Concen: 40.408 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

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Acq: 06 Aug 2020 17:53

Tgt Ion: 164 Resp: 148985

Ion Ratio Lower Upper

164 100

129 94.4 70.0 130.0

131 89.9 67.3 124.9

166 129.4 88.5 164.3

