

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030719\
 Data File : VV009531.D
 Acq On : 07 Mar 2019 16:07
 Operator : SY/MD
 Sample : K1789-11
 Misc : 5.54G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF1J1

Quant Time: Mar 08 04:39:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 03:01:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	168605	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	156804	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	70581	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39601	19.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.04%
7) Chloroethane-d5	1.58	69	44883	15.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.16%
10) 1,1-Dichloroethene-d2	2.13	63	86117	16.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.24%
20) 2-Butanone-d5	3.95	46	23467	33.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.86%
24) Chloroform-d	4.40	84	92926	23.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.56%
26) 1,2-Dichloroethane-d4	5.08	65	52305	22.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.56%
29) Benzene-d6	5.10	84	181791	23.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.64%
33) 1,2-Dichloropropane-d6	6.12	67	56180	24.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.04%
37) Toluene-d8	7.36	98	175555	23.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.76%
38) trans-1,3-Dichloropropene-	7.67	79	21839	19.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.64%
39) 2-Hexanone-d5	8.13	63	17398	32.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.06%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47400	19.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	60397	23.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.76%

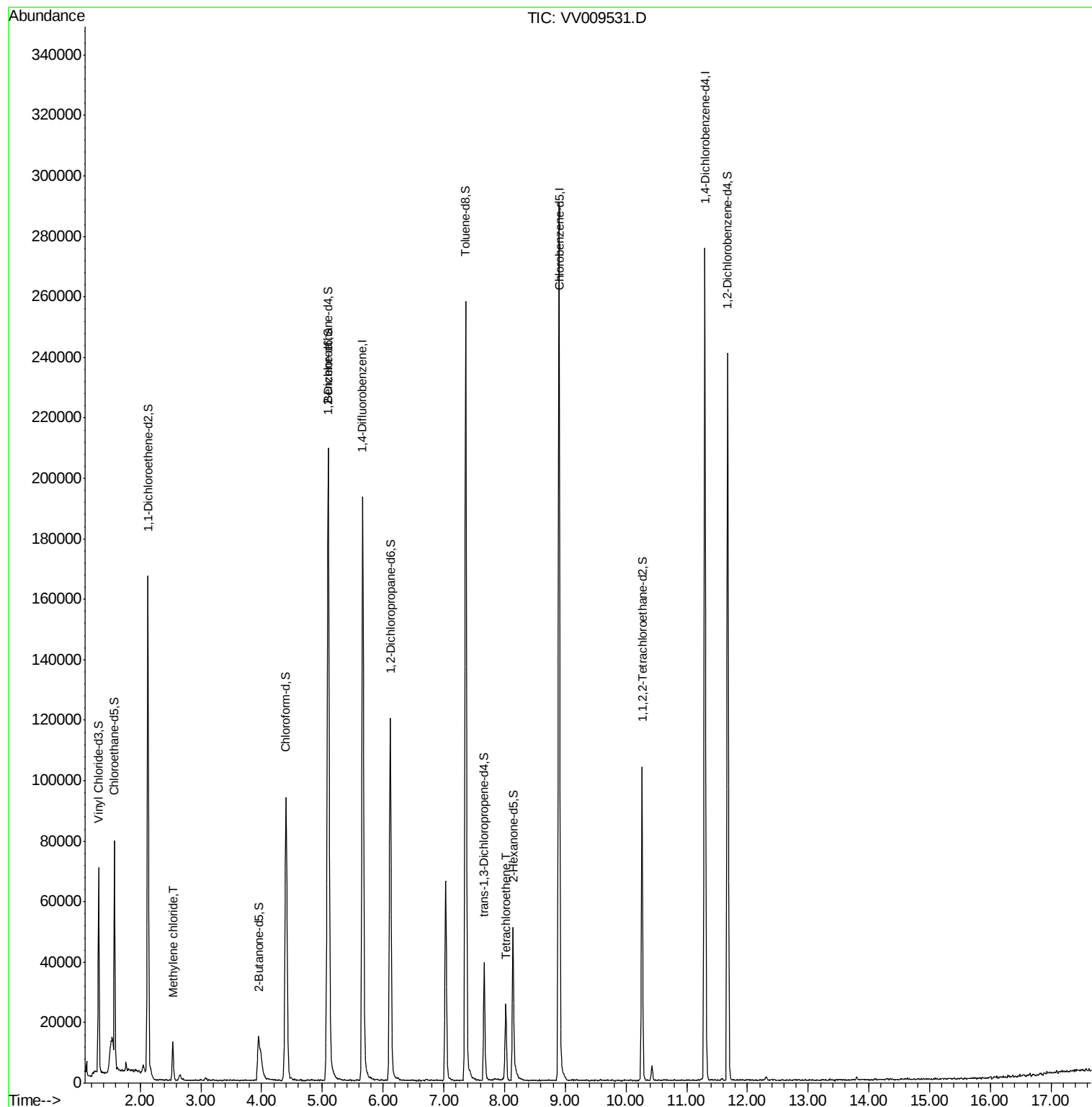
Target Compounds					Ovalue
16) Methylene chloride	2.54	84	4990	2.255 ug/L	97
47) Tetrachloroethene	8.02	164	5521	3.126 ug/L	91

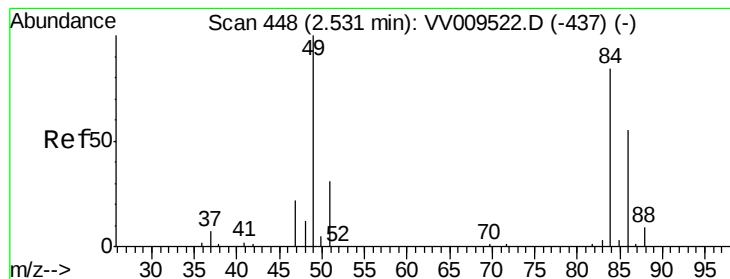
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methvlene chloride

Concen: 2.255 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.01 min

Lab File: VV009531.D

Acq: 07 Mar 2019 16:07

Instrument :

MSVOA_V

ClientSampleId :

BF1J1

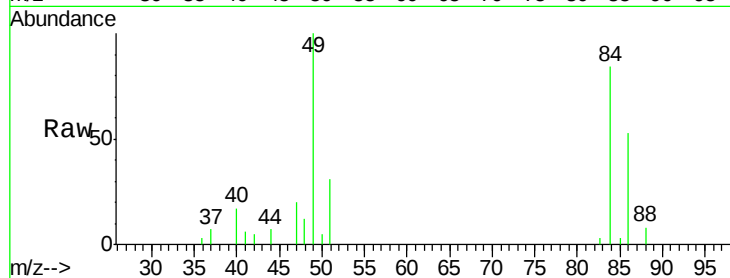
Tot Ion: 84 Resp: 4990

Ion Ratio Lower Upper

84 100

49 118.7 84.6 157.0

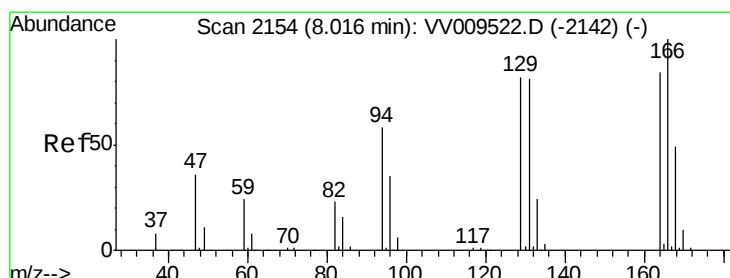
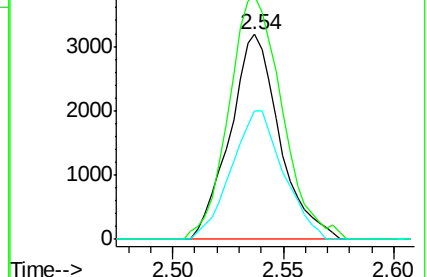
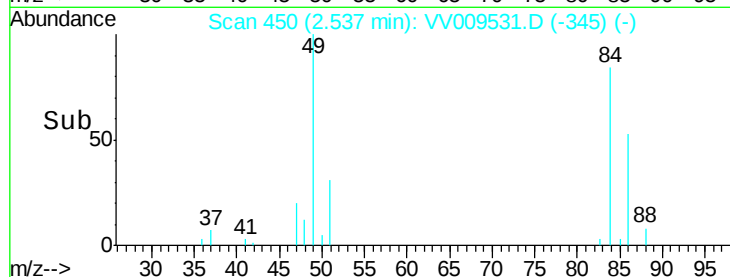
86 62.9 46.1 85.7



Abundance Ion 84.00 (83.70 to 84.70): VV009531.D (-2051) (-)

Ion 49.00 (48.70 to 49.70): VV009531.D (-2051) (-)

Ion 86.00 (85.70 to 86.70): VV009531.D (-2051) (-)



#47

Tetrachloroethene

Concen: 3.126 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV009531.D

Acq: 07 Mar 2019 16:07

Tgt Ion:164 Resp: 5521

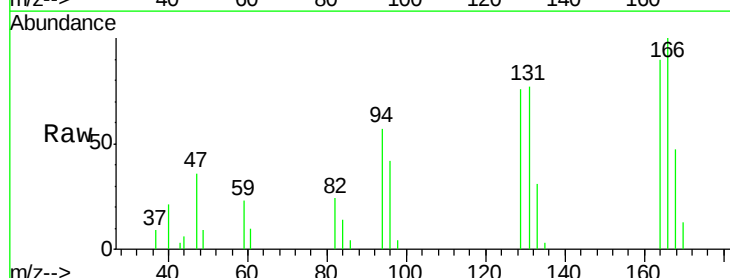
Ion Ratio Lower Upper

164 100

129 84.2 67.7 125.7

131 85.3 67.5 125.3

166 111.4 81.6 151.6



Abundance Ion 164.00 (163.70 to 164.70): VV009531.D (-2051) (-)

Ion 129.00 (128.70 to 129.70): VV009531.D (-2051) (-)

Ion 131.00 (130.70 to 131.70): VV009531.D (-2051) (-)

Ion 166.00 (165.70 to 166.70): VV009531.D (-2051) (-)

