

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030719\
 Data File : VV009535.D
 Acq On : 07 Mar 2019 17:52
 Operator : SY/MD
 Sample : K1789-02
 Misc : 6.33G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0N8

Quant Time: Mar 10 11:52:28 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	5.66	114	125658	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	122311	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	53876	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29311	19.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.52%
7) Chloroethane-d5	1.57	69	29879	13.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.64%
10) 1,1-Dichloroethene-d2	2.12	63	65473	16.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.52%
20) 2-Butanone-d5	3.93	46	26770	51.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.86%
24) Chloroform-d	4.40	84	63892	21.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.36%
26) 1,2-Dichloroethane-d4	5.08	65	44804	26.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.24%
29) Benzene-d6	5.10	84	145090	23.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.80%
33) 1,2-Dichloropropane-d6	6.12	67	45769	25.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.40%
37) Toluene-d8	7.36	98	140862	23.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.40%
38) trans-1,3-Dichloropropene-	7.66	79	20342	23.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.92%
39) 2-Hexanone-d5	8.13	63	20850	49.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.96%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	49013	25.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.92%
61) 1,2-Dichlorobenzene-d4	11.68	152	51446	26.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.64%

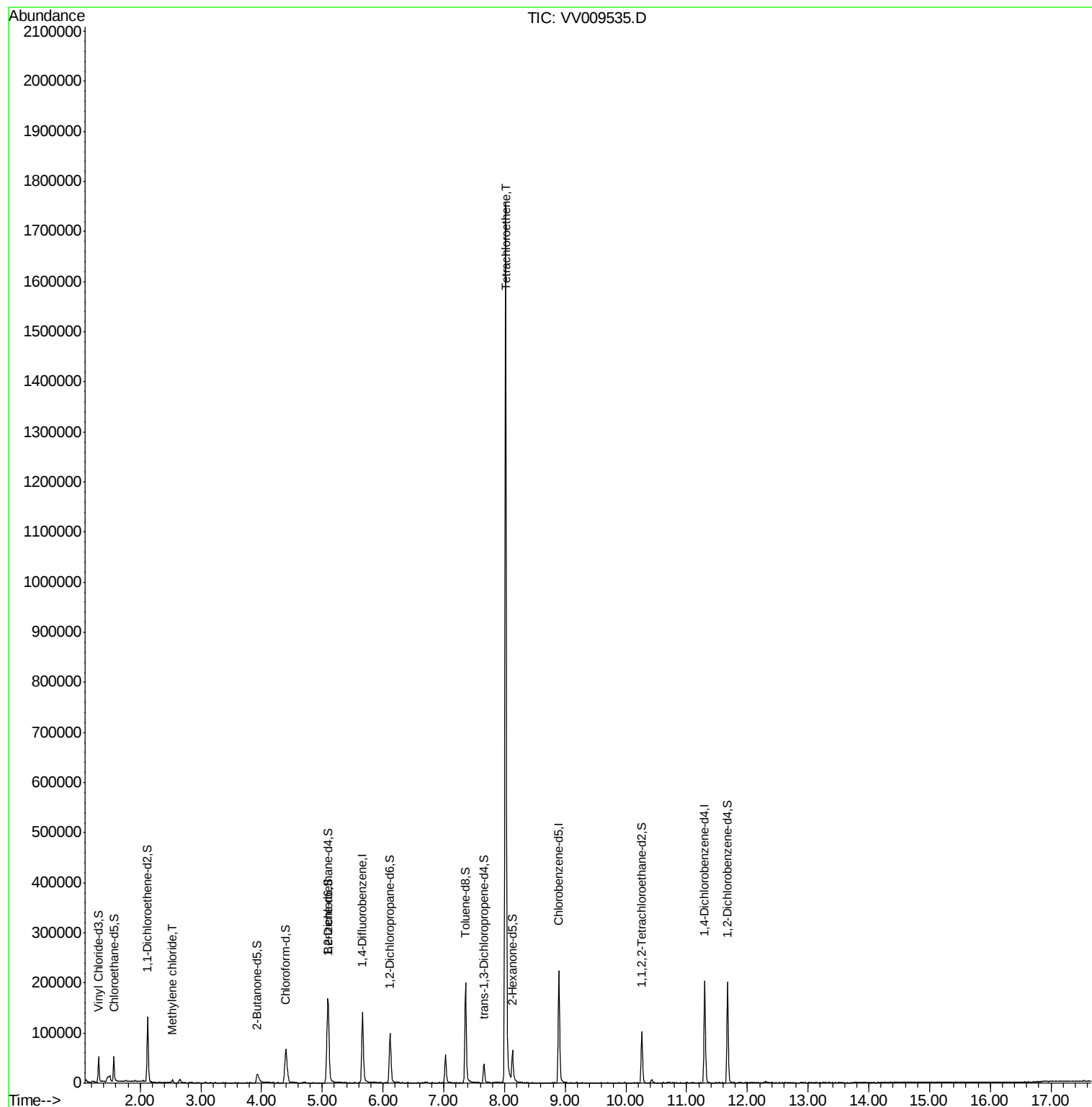
Target Compounds					Ovalue
16) Methylene chloride	2.53	84	2492	1.511 ug/L	93
47) Tetrachloroethene	8.02	164	351749	255.332 ug/L	95

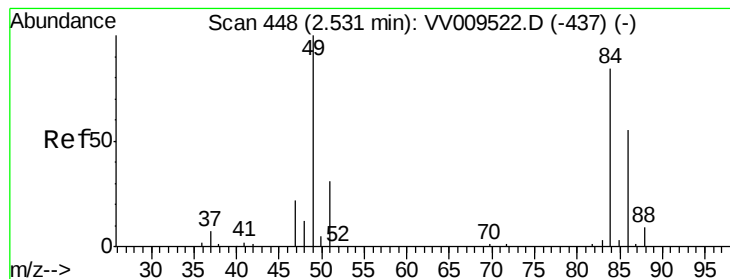
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methvlene chloride

Concen: 1.511 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV009535.D

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Instrument :

MSVOA_V

ClientSampled :

BFON8

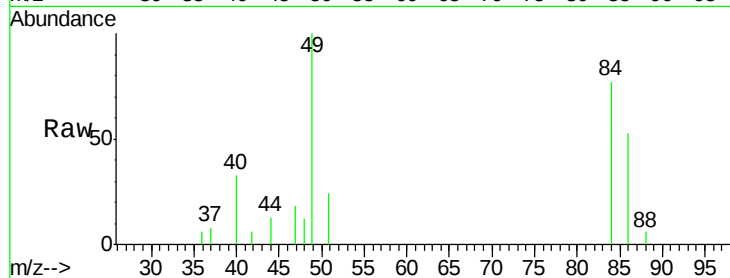
Tot Ion: 84 Resp: 2492

Ion Ratio Lower Upper

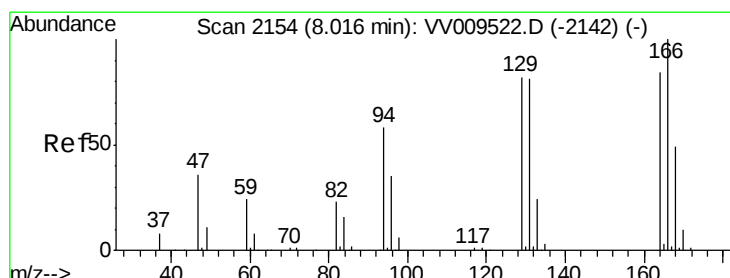
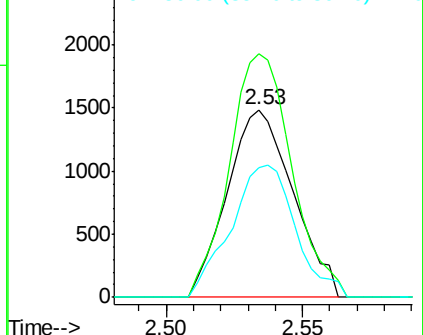
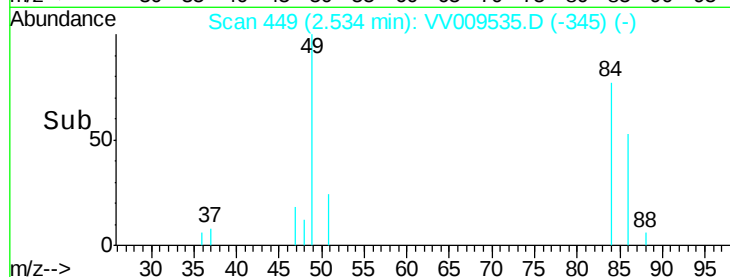
84 100

49 129.8 84.6 157.0

86 69.4 46.1 85.7



Abundance Ion 84.00 (83.70 to 84.70): VV009535.D (-345) (-)



#47

Tetrachloroethene

Concen: 255.332 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV009535.D

Acq: 07 Mar 2019 17:52

Tgt Ion:164 Resp: 351749

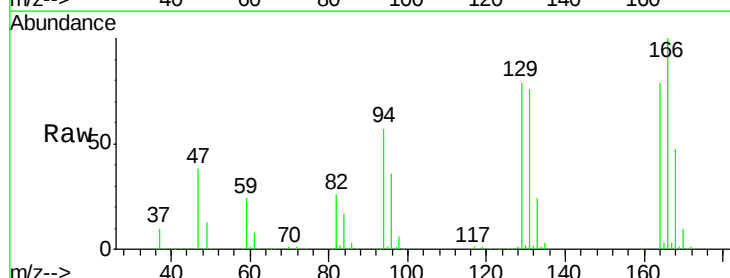
Ion Ratio Lower Upper

164 100

129 100.1 67.7 125.7

131 95.7 67.5 125.3

166 126.4 81.6 151.6



Abundance Ion 164.00 (163.70 to 164.70): VV009535.D (-2051) (-)

