

Data File : VV010011.D
Acq On : 29 Mar 2019 19:32
Operator : SY/MD
Sample : K2167-02
Misc : 6.16G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF2M0

Quant Time: Mar 30 05:15:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 04:13:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	167039	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	164101	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69555	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71188	21.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.00%
7) Chloroethane-d5	1.58	69	80540	22.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.00%
10) 1,1-Dichloroethene-d2	2.13	63	161805	17.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.80%
20) 2-Butanone-d5	3.93	46	26390	41.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.56%
24) Chloroform-d	4.40	84	90720	21.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.28%
26) 1,2-Dichloroethane-d4	5.08	65	60399	23.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.32%
29) Benzene-d6	5.10	84	201481	23.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.52%
33) 1,2-Dichloropropane-d6	6.12	67	61245	24.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.16%
37) Toluene-d8	7.36	98	177316	21.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.96%
38) trans-1,3-Dichloropropene-	7.66	79	19686	19.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.36%
39) 2-Hexanone-d5	8.13	63	20436	43.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.84%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50303	20.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.60%
61) 1,2-Dichlorobenzene-d4	11.68	152	62806	23.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.88%

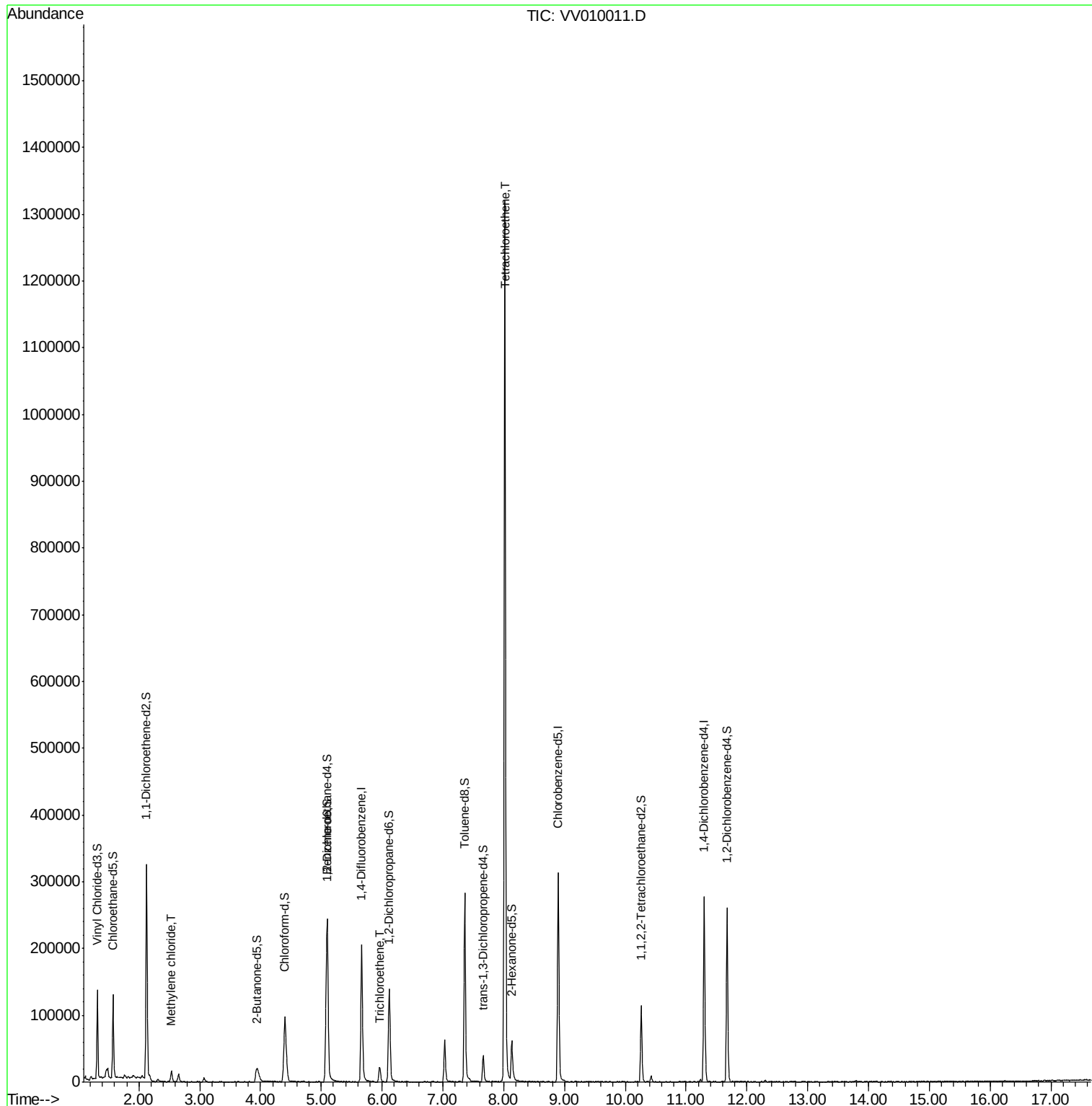
Target Compounds						Qvalue
16) Methylene chloride	2.53	84	6532	2.375	ug/L	92
35) Trichloroethene	5.95	95	6464	2.719	ug/L	94
47) Tetrachloroethene	8.02	164	256431	136.713	ug/L	97

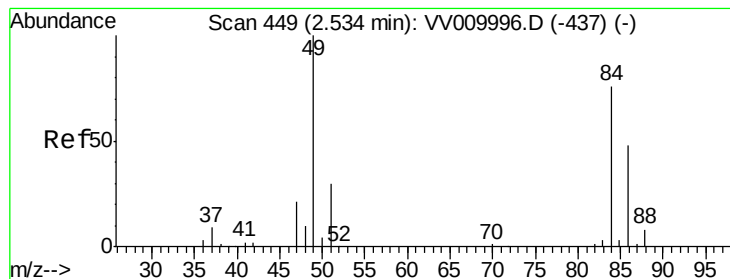
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 2.375 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

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MSVOA_V

ClientSampleId :

BF2M0

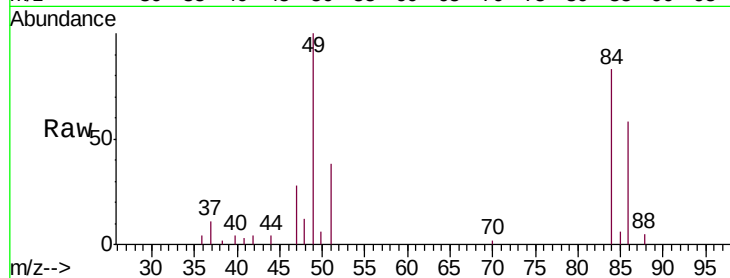
Tgt Ion: 84 Resp: 6532

Ion Ratio Lower Upper

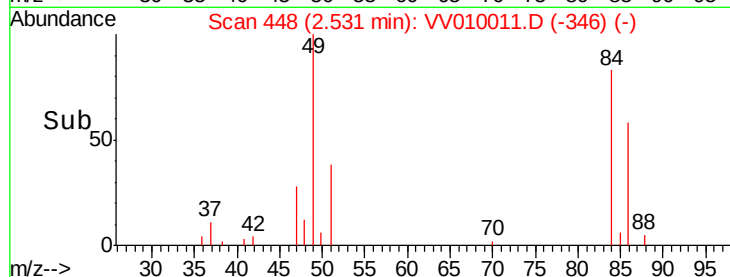
84 100

49 121.1 90.4 167.8

86 69.7 44.0 81.6

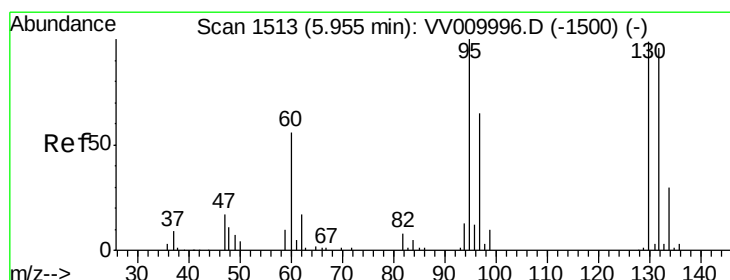
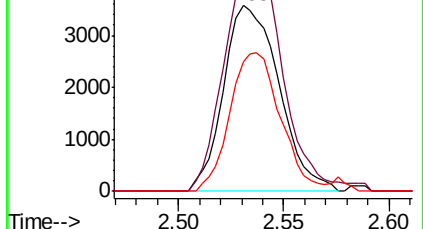


Abundance Ion 84.00 (83.70 to 84.70): VV010011.D (-346) (-)



Ion 49.00 (48.70 to 49.70): VV010011.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV010011.D (-346) (-)



#35

Trichloroethene

Concen: 2.719 ug/L

RT: 5.95 min Scan# 1513

Delta R.T. -0.00 min

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Acq: 29 Mar 2019 19:32

Tgt Ion: 95 Resp: 6464

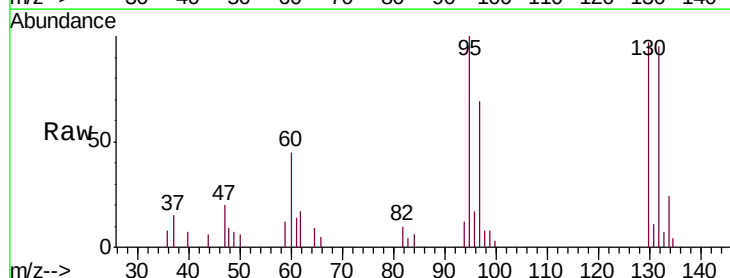
Ion Ratio Lower Upper

95 100

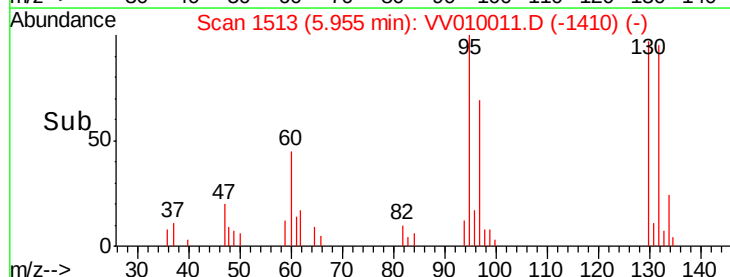
97 70.5 46.3 85.9

132 103.5 69.3 128.7

130 106.2 69.5 129.1



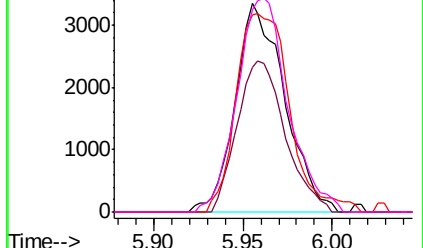
Abundance Ion 95.00 (94.70 to 95.70): VV010011.D (-1410) (-)

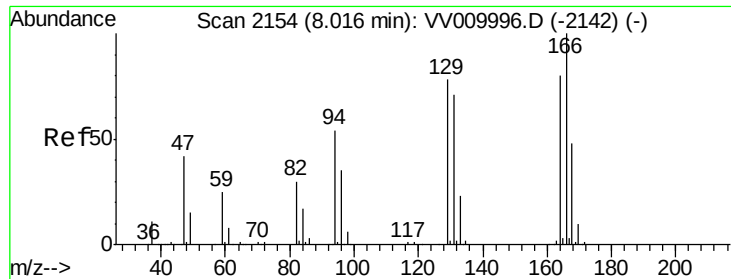


Ion 97.00 (96.70 to 97.70): VV010011.D (-1410) (-)

Ion 132.00 (131.70 to 132.70): VV010011.D (-1410) (-)

Ion 130.00 (129.70 to 130.70): VV010011.D (-1410) (-)





#47

Tetrachloroethene

Concen: 136.713 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

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ClientSampleId :
BF2M0

Tgt Ion:164 Resp: 256431

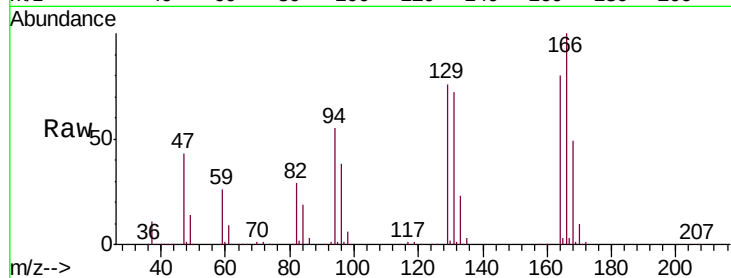
Ion Ratio Lower Upper

164 100

129 94.7 64.9 120.5

131 90.1 62.0 115.2

166 124.5 82.9 153.9



Abundance Ion 164.00 (163.70 to 164.70): V
300000
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
250000
Ion 166.00 (165.70 to 166.70): V

