

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030819\
 Data File : VV009558.D
 Acq On : 08 Mar 2019 23:49
 Operator : SY/MD
 Sample : K1818-03
 Misc : 5.57G/10ML/MSVOA_V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF2K8

Quant Time: Mar 09 03:56:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 09 01:24:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	148045	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	146587	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	65246	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34304	19.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.00%
7) Chloroethane-d5	1.58	69	67790	26.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.20%
10) 1,1-Dichloroethene-d2	2.13	63	78325	16.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.56%
20) 2-Butanone-d5	3.95	46	29110	47.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.86%
24) Chloroform-d	4.40	84	94354	26.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.00%
26) 1,2-Dichloroethane-d4	5.08	65	58666	29.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.96%
29) Benzene-d6	5.10	84	188963	26.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.12%
33) 1,2-Dichloropropane-d6	6.12	67	59385	27.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.88%
37) Toluene-d8	7.36	98	177656	25.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.40%
38) trans-1,3-Dichloropropene-	7.66	79	23864	22.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.92%
39) 2-Hexanone-d5	8.14	63	23443	46.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.76%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	55781	24.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.72%
61) 1,2-Dichlorobenzene-d4	11.67	152	64265	26.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.92%

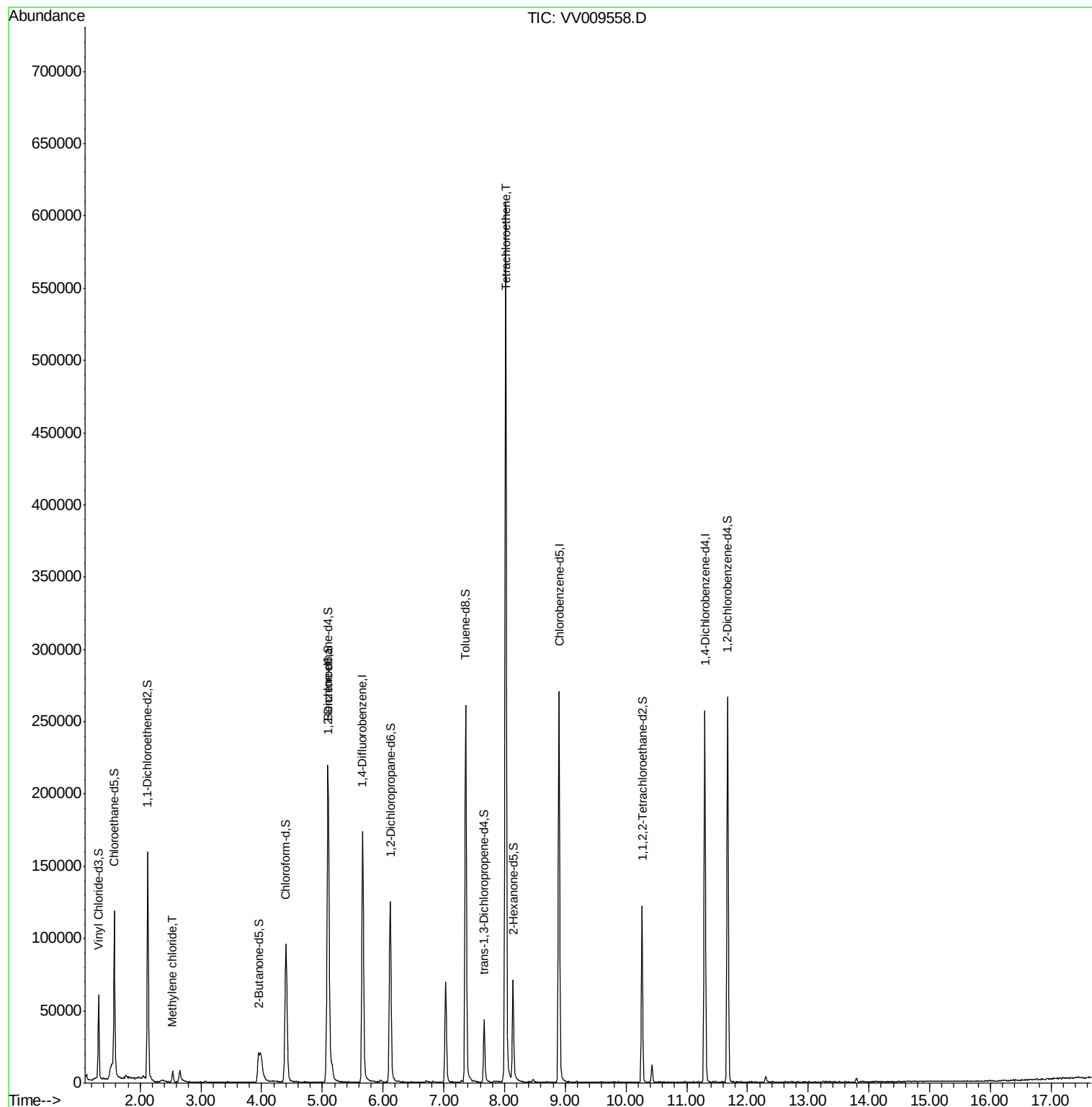
Target Compounds					Qvalue
16) Methylene chloride	2.53	84	2963	1.525 ug/L	93
47) Tetrachloroethene	8.02	164	124226	75.241 ug/L	95

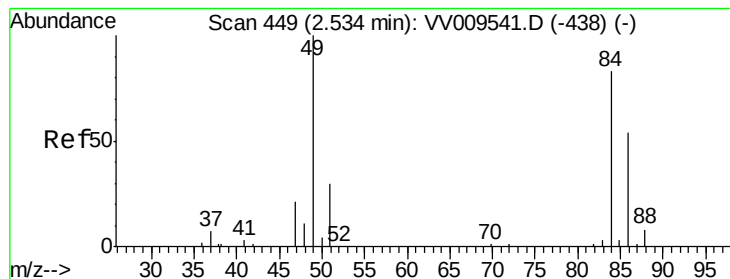
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 1.525 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

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ClientSampleId :

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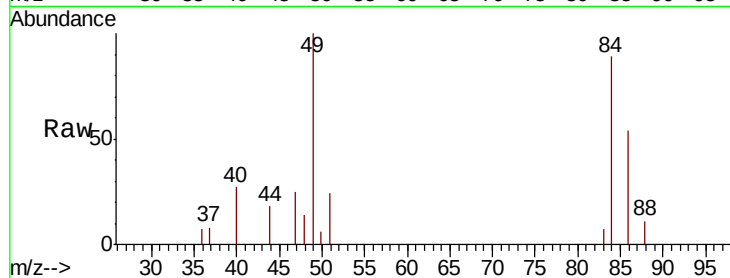
Tgt Ion: 84 Resp: 2963

Ion Ratio Lower Upper

84 100

49 112.0 84.6 157.0

86 60.6 46.1 85.7

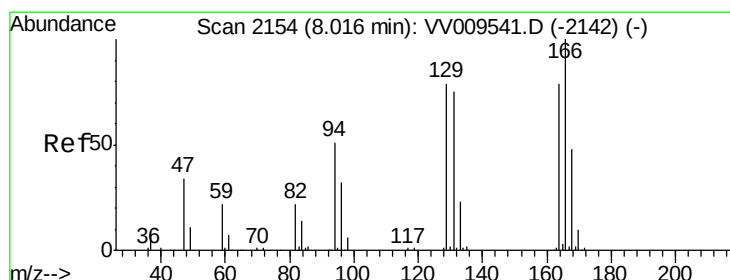
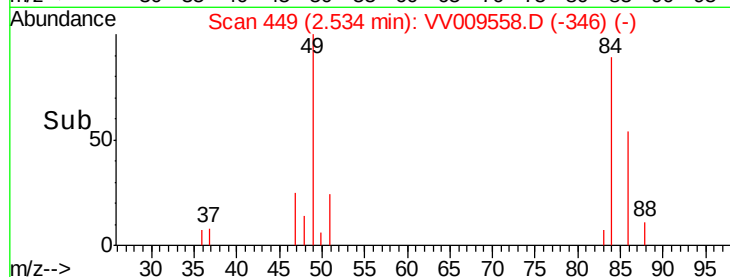
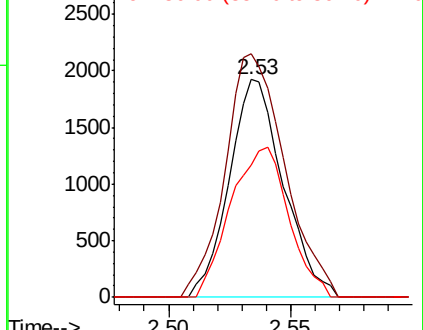


Abundance

Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0



#47

Tetrachloroethene

Concen: 75.241 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

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Tgt Ion: 164 Resp: 124226

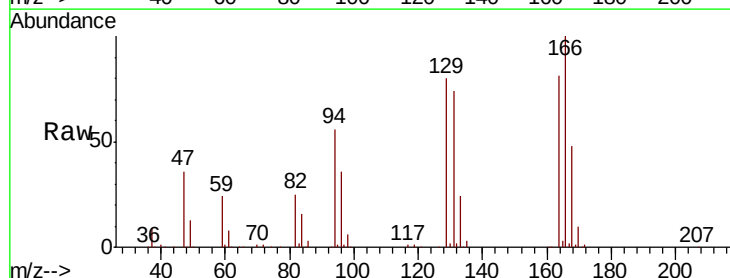
Ion Ratio Lower Upper

164 100

129 98.8 67.7 125.7

131 91.7 67.5 125.3

166 123.6 81.6 151.6



Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

