

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031119\
 Data File : VV009590.D
 Acq On : 11 Mar 2019 13:10
 Operator : SY/MD
 Sample : K1818-16
 Misc : 5.23G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0R6

Quant Time: Mar 12 04:05:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 11 12:01:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	134115	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	130759	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58638	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26098	16.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.68%
7) Chloroethane-d5	1.57	69	32625	13.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.88%
10) 1,1-Dichloroethene-d2	2.13	63	62258	14.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.28%
20) 2-Butanone-d5	3.94	46	23028	41.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.72%
24) Chloroform-d	4.40	84	72070	22.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.24%
26) 1,2-Dichloroethane-d4	5.08	65	44591	24.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.12%
29) Benzene-d6	5.10	84	143672	22.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.72%
33) 1,2-Dichloropropane-d6	6.12	67	45418	23.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.04%
37) Toluene-d8	7.36	98	134407	21.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.16%
38) trans-1,3-Dichloropropene-	7.67	79	18574	20.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.20%
39) 2-Hexanone-d5	8.14	63	18198	40.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.60%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	42491	20.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.44%
61) 1,2-Dichlorobenzene-d4	11.67	152	49632	23.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.76%

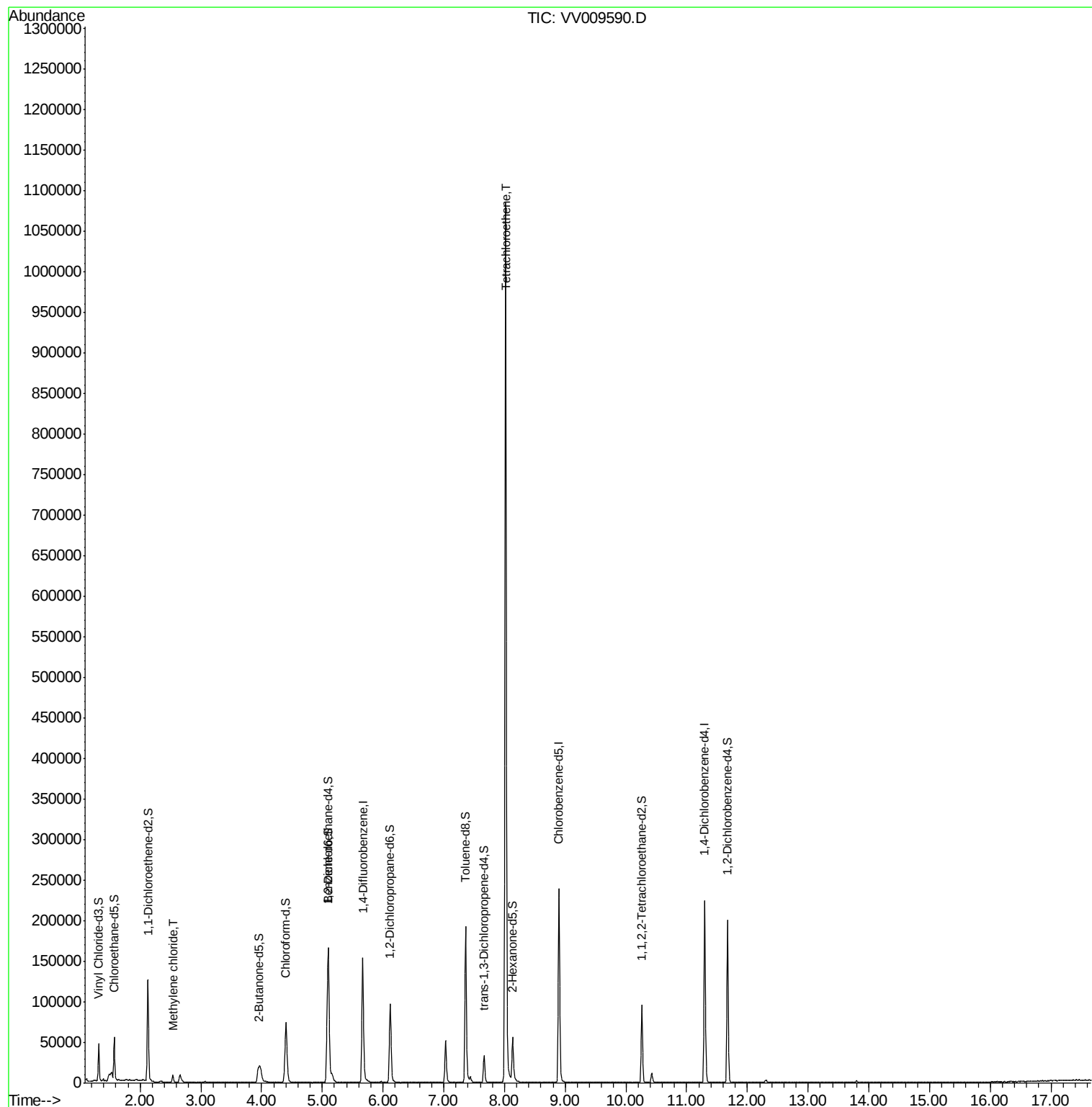
Target Compounds					Qvalue
16) Methylene chloride	2.54	84	3553	2.019 ug/L	95
47) Tetrachloroethene	8.02	164	216941	147.302 ug/L	96

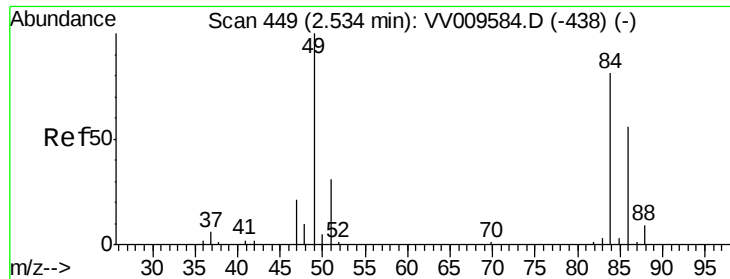
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Mar 11 12:01:50 2019
Response via : Initial Calibration

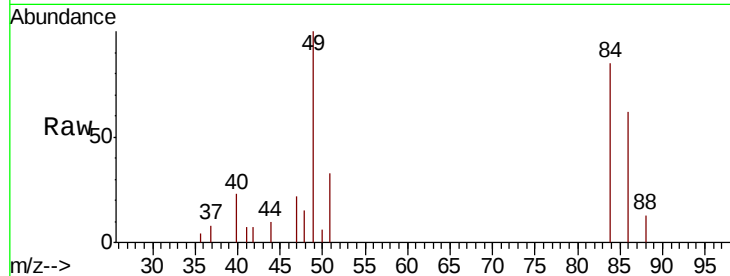




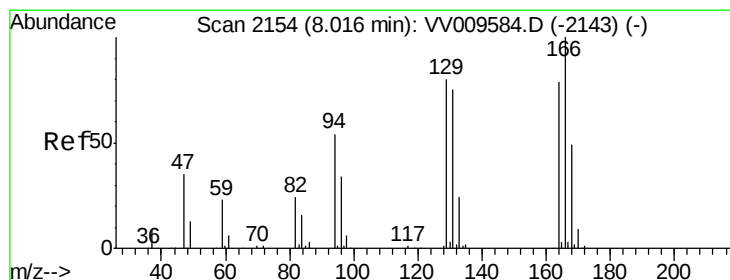
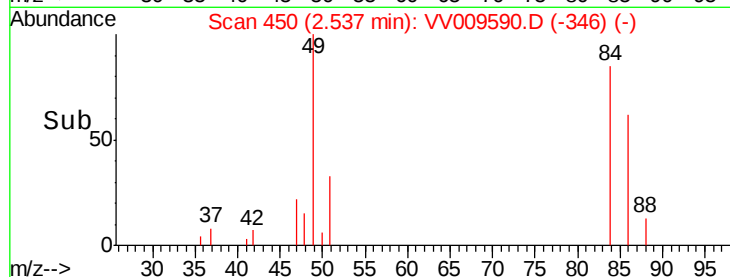
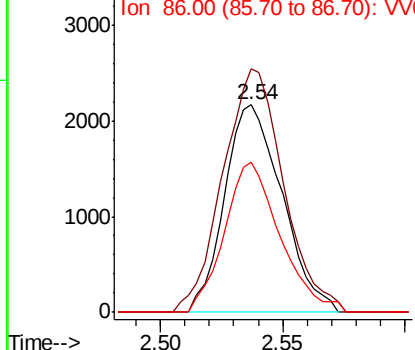
#16
Methylene chloride
Concen: 2.019 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009590.D
Acq: 11 Mar 2019 13:10

Instrument :
MSVOA_V
ClientSampleId :
BF0R6

Tgt Ion: 84 Resp: 3553
Ion Ratio Lower Upper
84 100
49 117.4 84.6 157.0
86 72.4 46.1 85.7

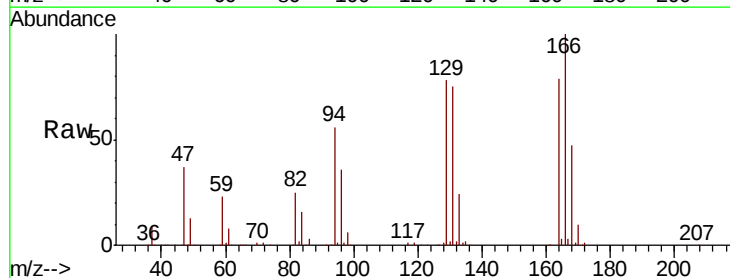


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0



#47
Tetrachloroethene
Concen: 147.302 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV009590.D
Acq: 11 Mar 2019 13:10

Tgt Ion: 164 Resp: 216941
Ion Ratio Lower Upper
164 100
129 98.8 67.7 125.7
131 95.0 67.5 125.3
166 126.1 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

