

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030719\
 Data File : VV009536.D
 Acq On : 07 Mar 2019 18:19
 Operator : SY/MD
 Sample : K1789-05
 Misc : 6.08G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0P1

Quant Time: Mar 08 04:57:38 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	124080	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	125019	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56564	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32093	21.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.96%
7) Chloroethane-d5	1.57	69	36248	16.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.12%
10) 1,1-Dichloroethene-d2	2.13	63	73861	19.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.00%
20) 2-Butanone-d5	3.94	46	29612	58.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.36%
24) Chloroform-d	4.40	84	78196	26.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.08	65	50884	30.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.04%
29) Benzene-d6	5.10	84	162197	26.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.80%
33) 1,2-Dichloropropane-d6	6.12	67	52334	28.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.56%
37) Toluene-d8	7.36	98	155518	25.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.04%
38) trans-1,3-Dichloropropene-	7.66	79	22112	24.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.88%
39) 2-Hexanone-d5	8.13	63	23780	55.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.52%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	54293	27.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.52%
61) 1,2-Dichlorobenzene-d4	11.67	152	60331	29.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.88%

Target Compounds

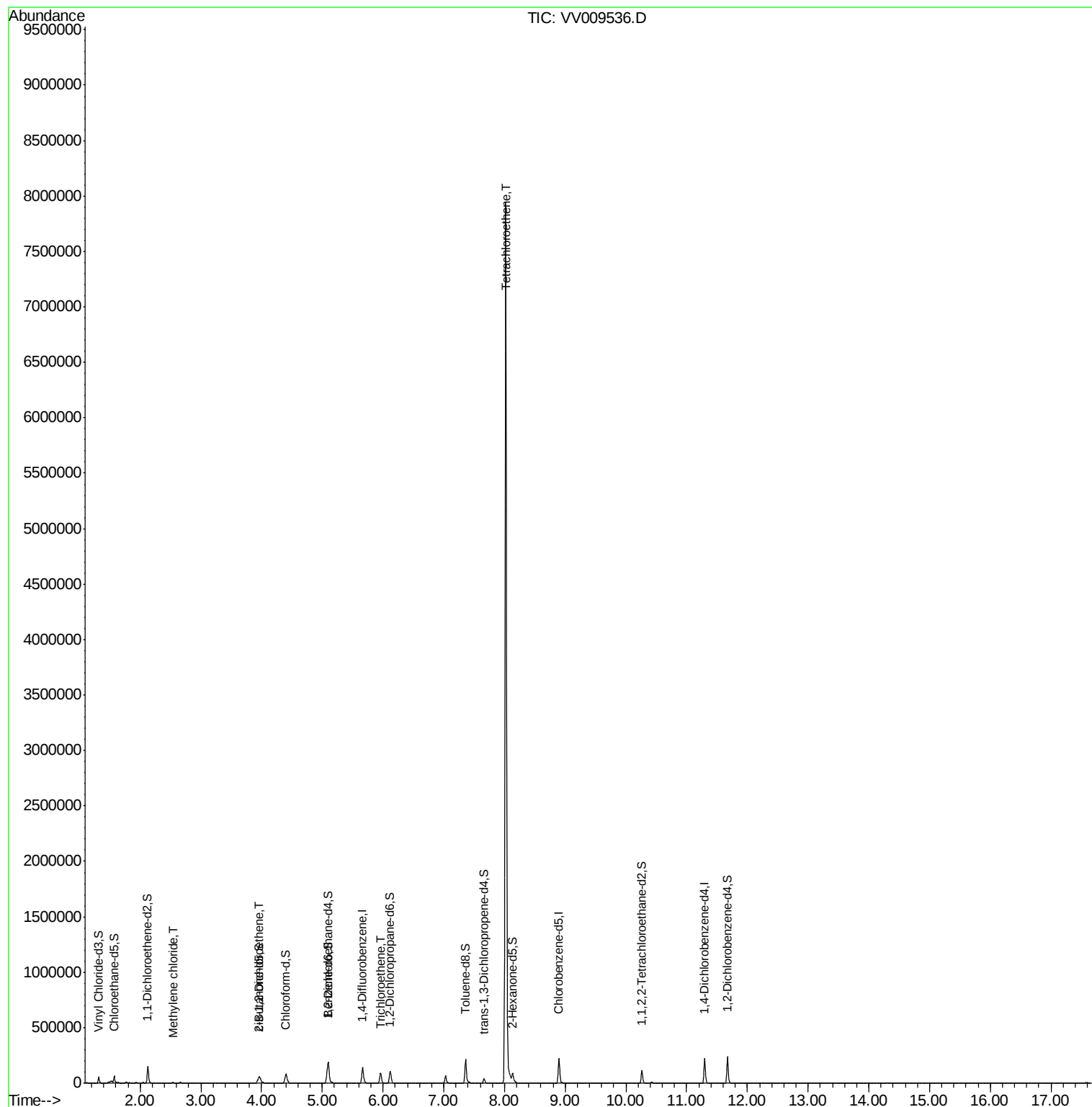
					Ovalue
16) Methylene chloride	2.54	84	2522	1.549 ug/L	92
22) cis-1,2-Dichloroethene	3.96	96	26298	15.721 ug/L	99
35) Trichloroethene	5.96	95	30970	16.682 ug/L	98
47) Tetrachloroethene	8.02	164	1569529	1114.633 ug/L	96

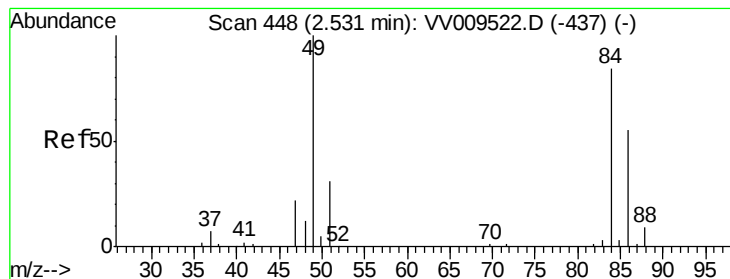
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methvlene chloride

Concen: 1.549 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.01 min

Lab File: VV009536.D

Acq: 07 Mar 2019 18:19

Instrument :

MSVOA_V

ClientSampleId :

BF0P1

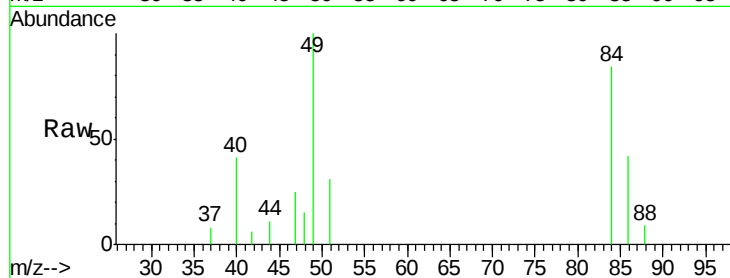
Tot Ion: 84 Resp: 2522

Ion Ratio Lower Upper

84 100

49 118.4 84.6 157.0

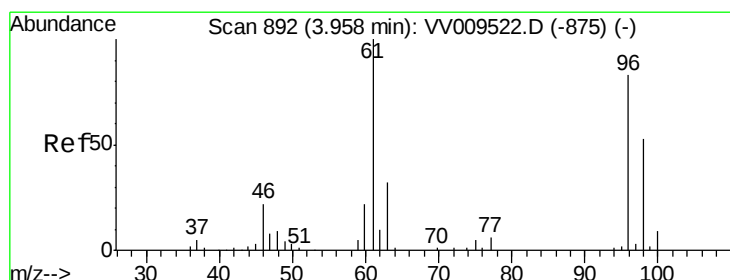
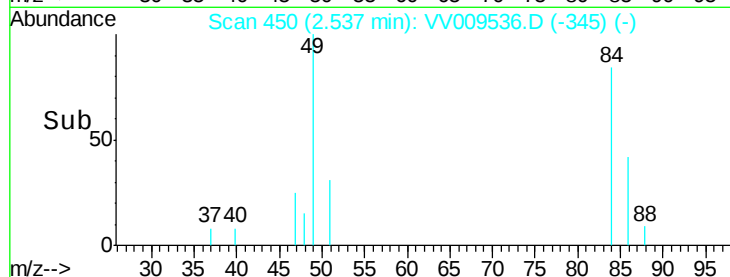
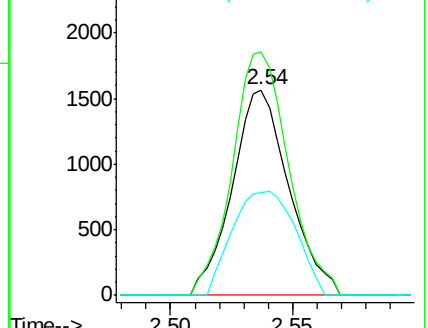
86 49.9 46.1 85.7



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



#22

cis-1,2-Dichloroethene

Concen: 15.721 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.01 min

Lab File: VV009536.D

Acq: 07 Mar 2019 18:19

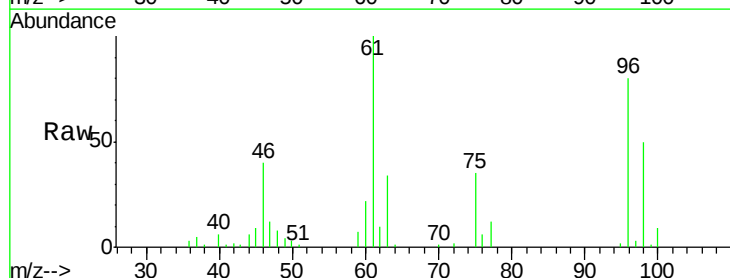
Tgt Ion: 96 Resp: 26298

Ion Ratio Lower Upper

96 100

61 124.8 87.2 161.9

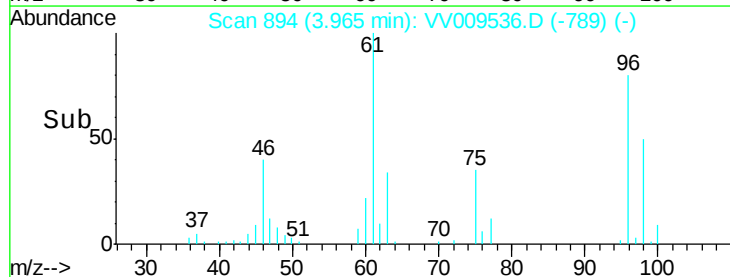
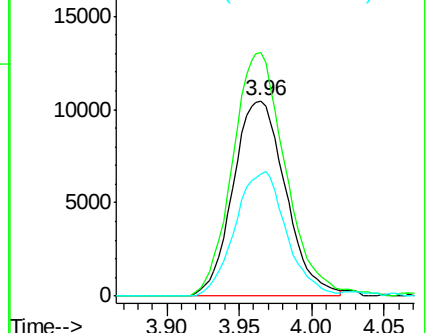
98 62.4 44.6 82.8

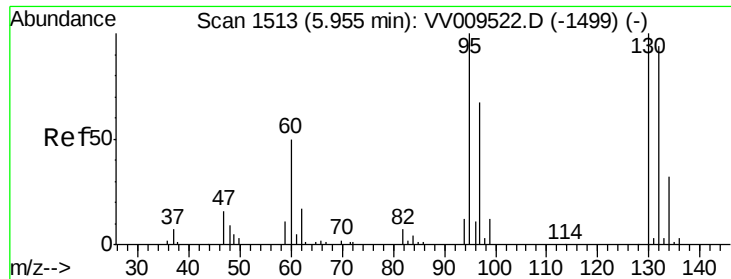


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

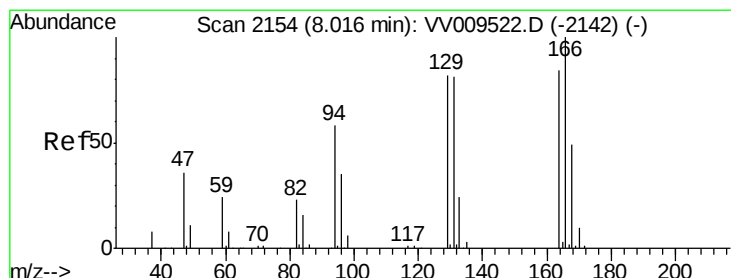
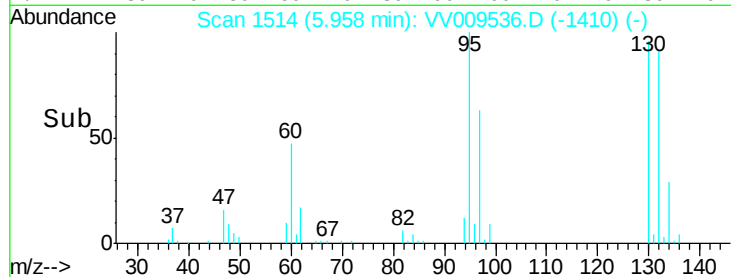
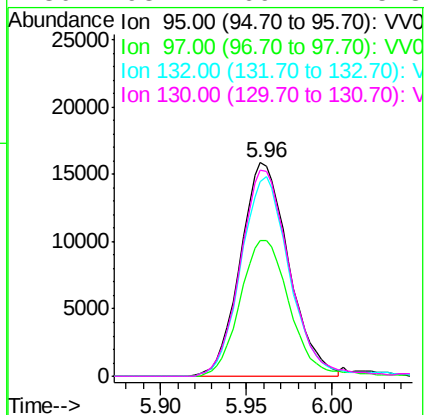
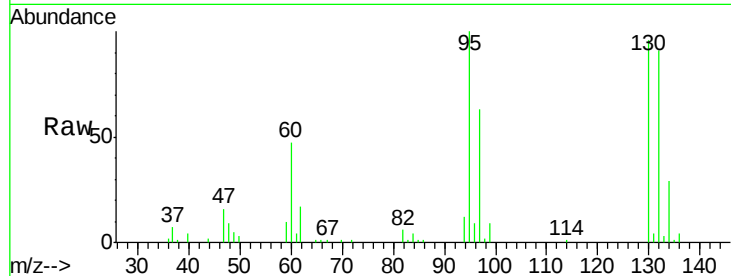




#35
 Trichloroethene
 Concen: 16.682 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
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 MSVOA_V
 ClientSampled :
 BF0P1

Tot Ion: 95 Resp: 30970
 Ion Ratio Lower Upper
 95 100
 97 65.3 44.3 82.3
 132 93.6 64.4 119.6
 130 98.4 69.4 128.8



#47
 Tetrachloroethene
 Concen: 1114.633 ug/L
 RT: 8.02 min Scan# 2156
 Delta R.T. 0.01 min
 Lab File: VV009536.D
 Acq: 07 Mar 2019 18:19

Tgt Ion: 164 Resp: 1569529
 Ion Ratio Lower Upper
 164 100
 129 99.9 67.7 125.7
 131 96.4 67.5 125.3
 166 126.0 81.6 151.6

