

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030819\
 Data File : VV009544.D
 Acq On : 08 Mar 2019 17:38
 Operator : SY/MD
 Sample : K1789-09
 Misc : 6.25G/10ML/MSVOA_V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0P5

Quant Time: Mar 09 02:37:39 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	5.66	114	157031	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	152817	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69128	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38467	20.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.40%
7) Chloroethane-d5	1.57	69	40922	14.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.88%
10) 1,1-Dichloroethene-d2	2.13	63	83992	17.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.32%
20) 2-Butanone-d5	3.94	46	23726	36.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.66%
24) Chloroform-d	4.40	84	89054	23.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.24%
26) 1,2-Dichloroethane-d4	5.08	65	54009	25.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.52%
29) Benzene-d6	5.10	84	184968	24.44	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.76%
33) 1,2-Dichloropropane-d6	6.12	67	54791	24.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.12%
37) Toluene-d8	7.36	98	178300	24.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.64%
38) trans-1,3-Dichloropropene-	7.66	79	23284	21.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.04%
39) 2-Hexanone-d5	8.13	63	20023	38.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.82%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50290	21.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.52%
61) 1,2-Dichlorobenzene-d4	11.67	152	65717	26.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.16%

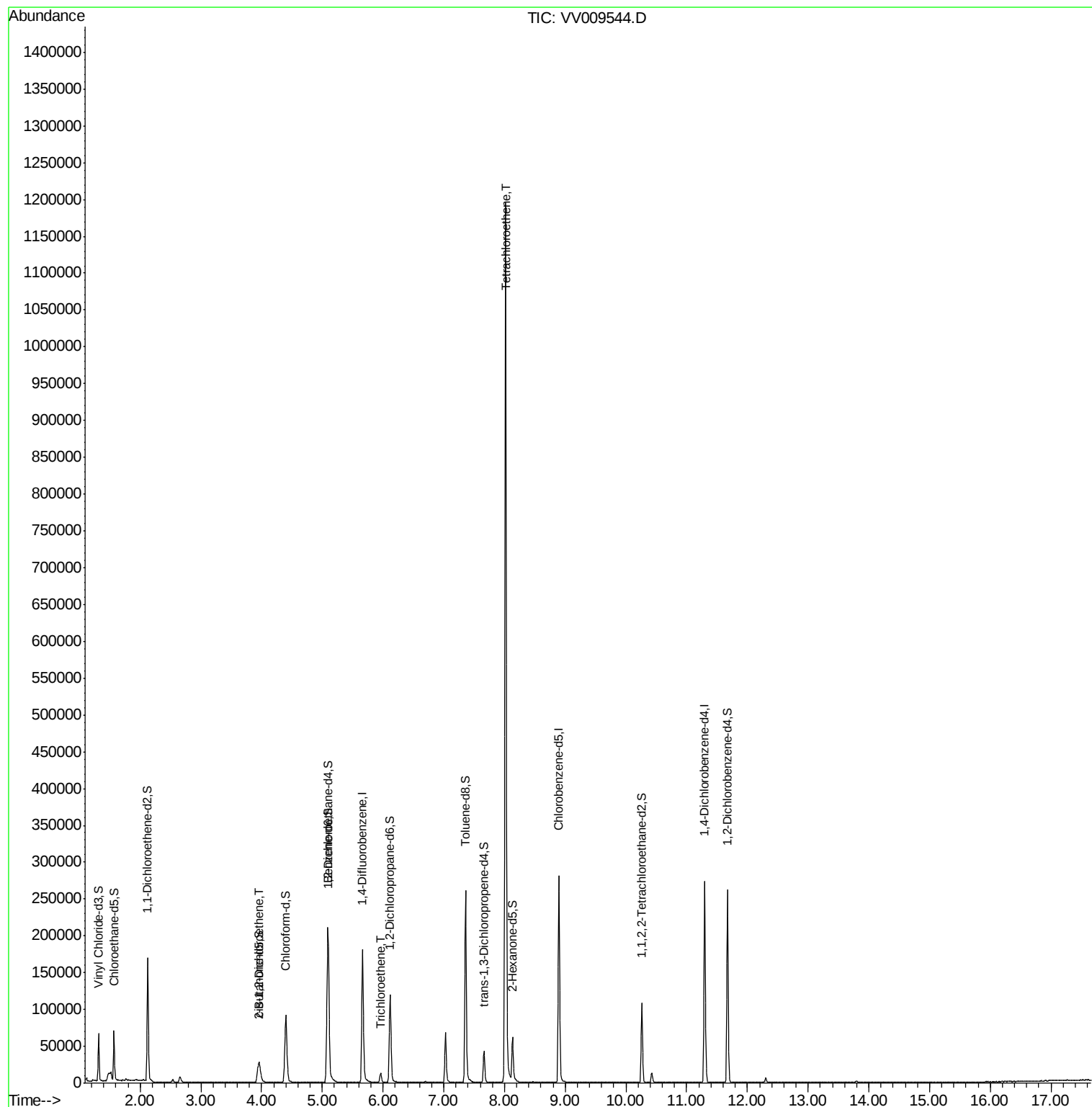
Target Compounds					Qvalue
22) cis-1,2-Dichloroethene	3.96	96	6742	3.185 ug/L	97
35) Trichloroethene	5.96	95	4221	1.860 ug/L	96
47) Tetrachloroethene	8.02	164	242156	140.690 ug/L	95

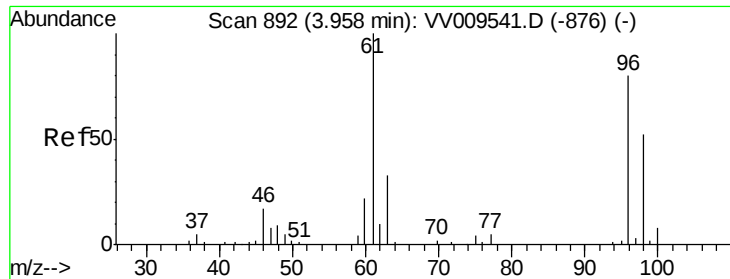
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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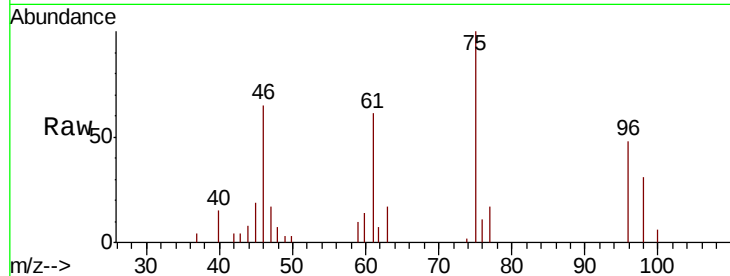


#22

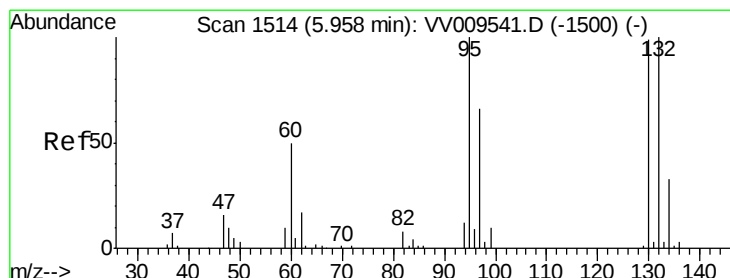
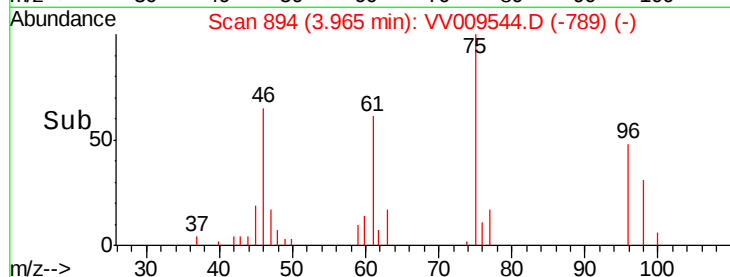
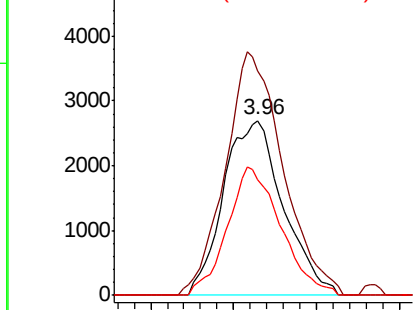
cis-1,2-Dichloroethene
Concen: 3.185 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.01 min
Lab File: VV009544.D
Acq: 08 Mar 2019 17:38

Instrument :
MSVOA_V
ClientSampleId :
BF0P5

Tgt Ion: 96 Resp: 6742
Ion Ratio Lower Upper
96 100
61 128.6 87.2 161.9
98 65.9 44.6 82.8



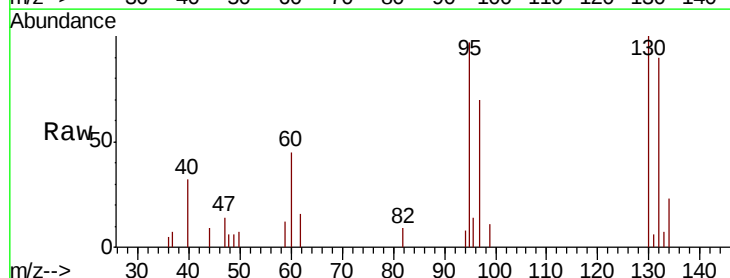
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0



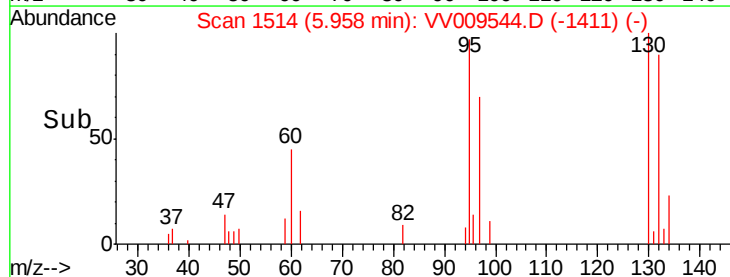
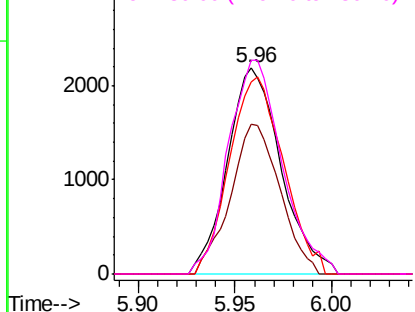
#35

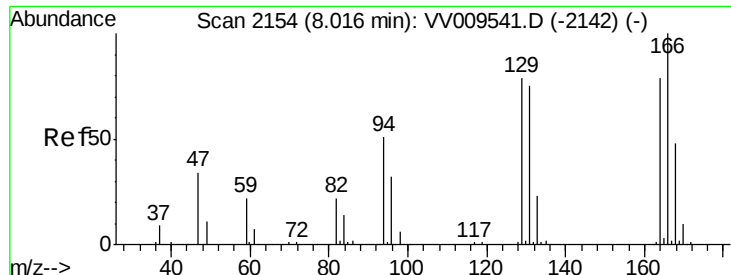
Trichloroethene
Concen: 1.860 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV009544.D
Acq: 08 Mar 2019 17:38

Tgt Ion: 95 Resp: 4221
Ion Ratio Lower Upper
95 100
97 67.0 44.3 82.3
132 94.8 64.4 119.6
130 103.9 69.4 128.8



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 97.00 (96.70 to 97.70): VV0
Ion 132.00 (131.70 to 132.70): VV0
Ion 130.00 (129.70 to 130.70): VV0





#47

Tetrachloroethene

Concen: 140.690 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV009544.D

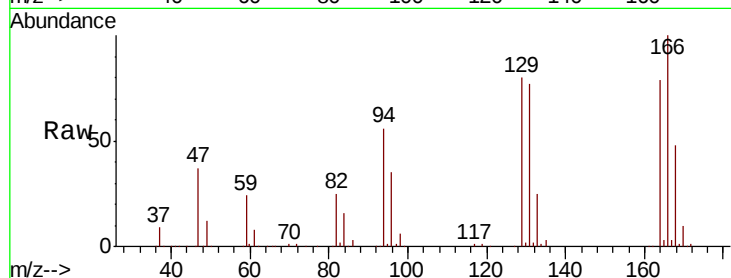
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Instrument :

MSVOA_V

ClientSampleId :

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Tgt Ion:164 Resp: 242156

Ion Ratio Lower Upper

164 100

129 100.6 67.7 125.7

131 97.5 67.5 125.3

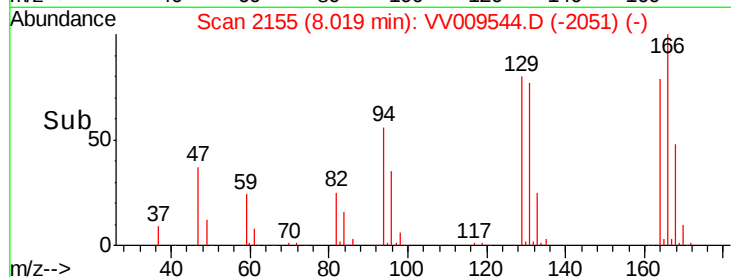
166 126.3 81.6 151.6

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



Time-->

