

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031019\
 Data File : VV009580.D
 Acq On : 10 Mar 2019 21:05
 Operator : SY/MD
 Sample : K1818-14
 Misc : 5.88G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0R4

Quant Time: Mar 11 05:59:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 11 04:48:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	116357	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	117085	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52009	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22550	16.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.40%
7) Chloroethane-d5	1.57	69	28903	14.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.08%
10) 1,1-Dichloroethene-d2	2.13	63	55704	15.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.12%
20) 2-Butanone-d5	3.95	46	21608	45.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.54%
24) Chloroform-d	4.40	84	61846	22.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.24%
26) 1,2-Dichloroethane-d4	5.08	65	38625	24.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.96%
29) Benzene-d6	5.10	84	117742	20.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.20%
33) 1,2-Dichloropropane-d6	6.12	67	39000	22.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.16%
37) Toluene-d8	7.36	98	110970	19.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.52%
38) trans-1,3-Dichloropropene-	7.67	79	15994	19.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.16%
39) 2-Hexanone-d5	8.14	63	16020	40.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.22%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	39609	21.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.88%
61) 1,2-Dichlorobenzene-d4	11.68	152	42373	22.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.28%

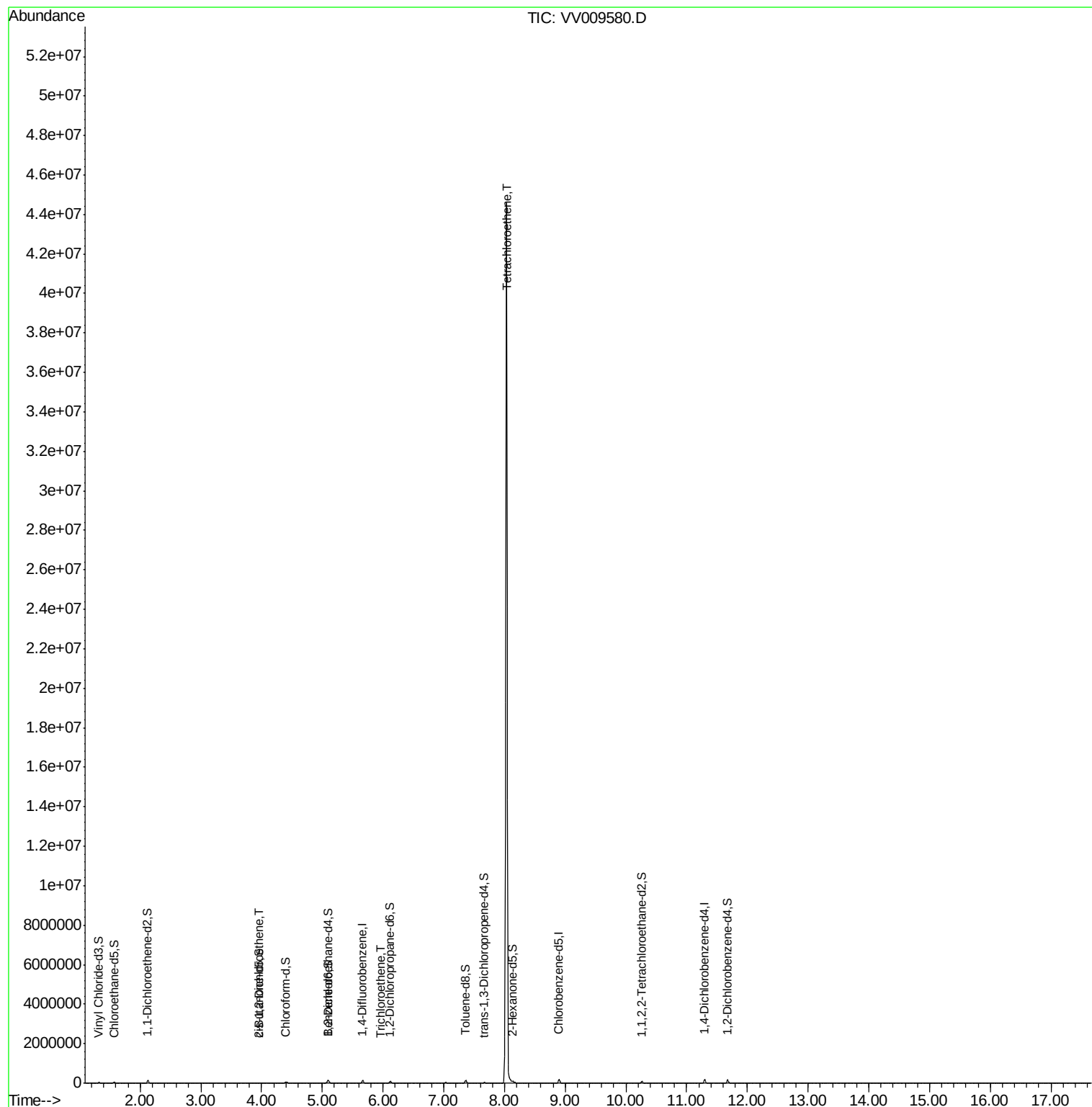
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	3.96	96	5998	3.824 ug/L	94
35) Trichloroethene	5.96	95	4637	2.667 ug/L	95
47) Tetrachloroethene	8.04	164	9372459	7107.074 ug/L	94

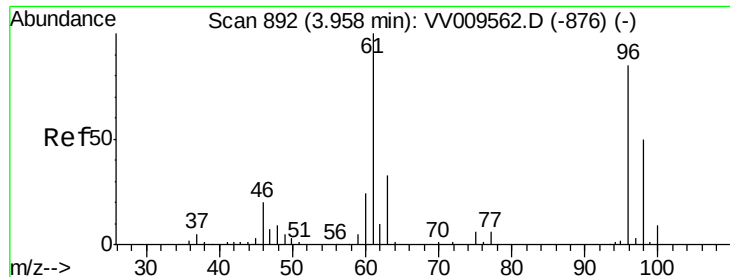
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 11 04:48:46 2019
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#22

cis-1,2-Dichloroethene

Concen: 3.824 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.01 min

Lab File: VV009580.D

Acq: 10 Mar 2019 21:05

Instrument :

MSVOA_V

ClientSampleId :

BF0R4

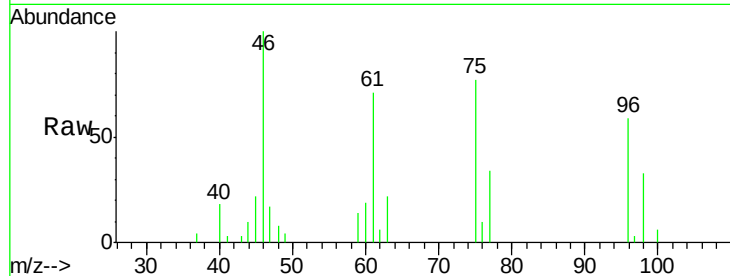
Tot Ion: 96 Resp: 5998

Ion Ratio Lower Upper

96 100

61 119.7 87.2 161.9

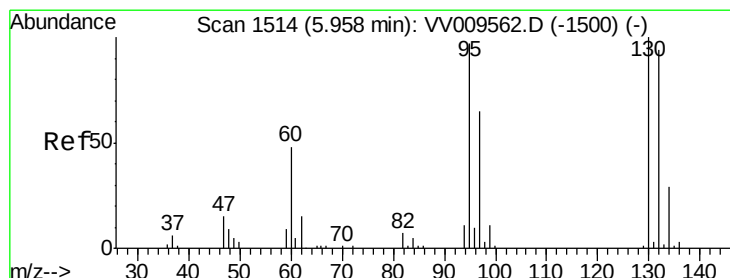
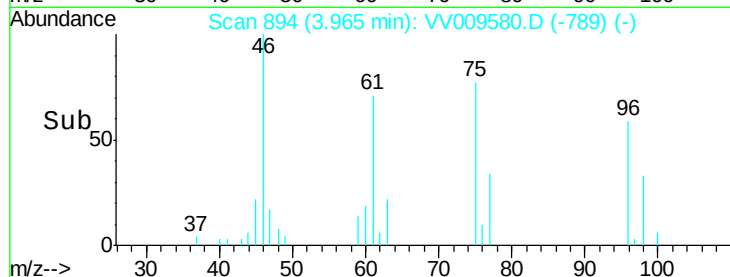
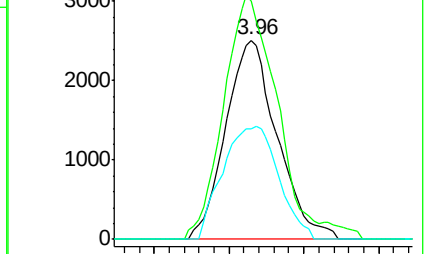
98 55.6 44.6 82.8



Abundance Ion 96.00 (95.70 to 96.70): VV009580.D (-1411) (-)

Ion 61.00 (60.70 to 61.70): VV009580.D (-1411) (-)

Ion 98.00 (97.70 to 98.70): VV009580.D (-1411) (-)



#35

Trichloroethene

Concen: 2.667 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.01 min

Lab File: VV009580.D

Acq: 10 Mar 2019 21:05

Tgt Ion: 95 Resp: 4637

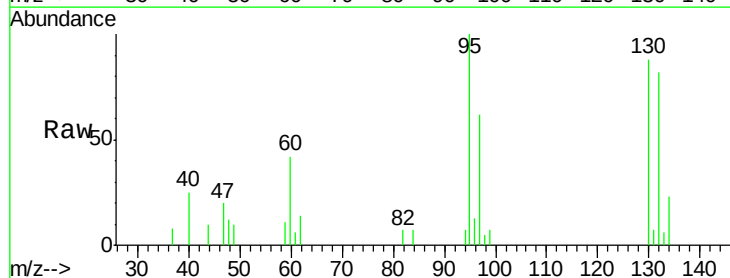
Ion Ratio Lower Upper

95 100

97 66.8 44.3 82.3

132 91.8 64.4 119.6

130 90.1 69.4 128.8

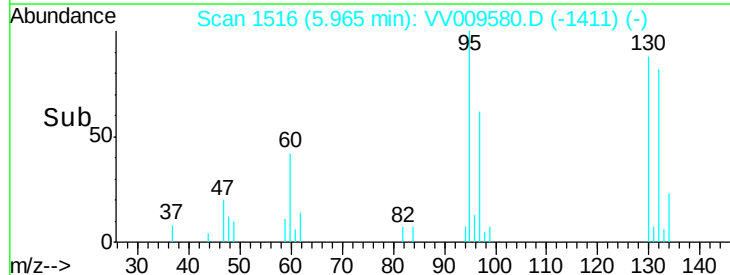
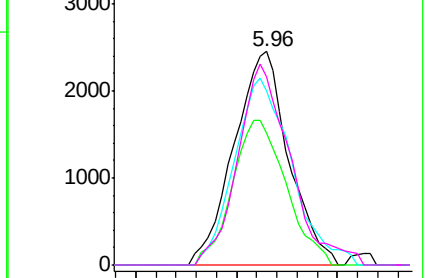


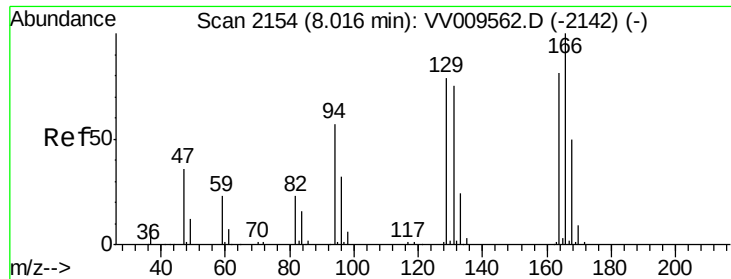
Abundance Ion 95.00 (94.70 to 95.70): VV009580.D (-1411) (-)

Ion 97.00 (96.70 to 97.70): VV009580.D (-1411) (-)

Ion 132.00 (131.70 to 132.70): VV009580.D (-1411) (-)

Ion 130.00 (129.70 to 130.70): VV009580.D (-1411) (-)





#47

Tetrachloroethene

Concen: 7107.074 ug/L

RT: 8.04 min Scan# 2160

Delta R.T. 0.02 min

Lab File: VV009580.D

Acq: 10 Mar 2019 21:05

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MSVOA_V
ClientSampleId :
BF0R4

Tot Ion:164 Resp: 9372459

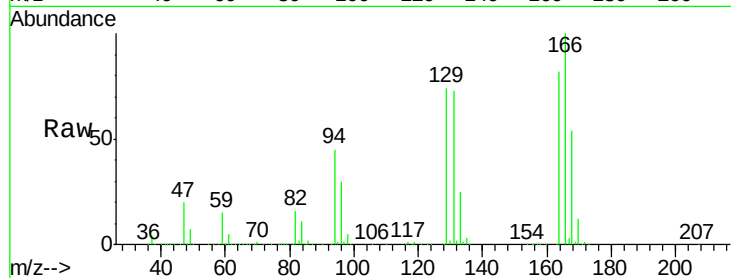
Ion Ratio Lower Upper

164 100

129 90.8 67.7 125.7

131 89.0 67.5 125.3

166 122.3 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

