

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031019\
 Data File : VV009581.D
 Acq On : 10 Mar 2019 21:31
 Operator : SY/MD
 Sample : K1818-12
 Misc : 5.68G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0R2

Quant Time: Mar 11 09:26:15 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	113720	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	114037	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	50538	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25766	18.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.28%
7) Chloroethane-d5	1.57	69	30348	15.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.32%
10) 1,1-Dichloroethene-d2	2.13	63	63029	17.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.76%
20) 2-Butanone-d5	3.93	46	26566	56.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.90%
24) Chloroform-d	4.40	84	58683	21.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.64%
26) 1,2-Dichloroethane-d4	5.08	65	43560	28.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.04%
29) Benzene-d6	5.10	84	140195	24.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.28%
33) 1,2-Dichloropropane-d6	6.12	67	44061	26.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.76%
37) Toluene-d8	7.36	98	133449	24.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.96%
38) trans-1,3-Dichloropropene-	7.67	79	17571	21.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.00%
39) 2-Hexanone-d5	8.13	63	19528	50.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.40%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47927	26.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.92%
61) 1,2-Dichlorobenzene-d4	11.68	152	48876	26.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.96%

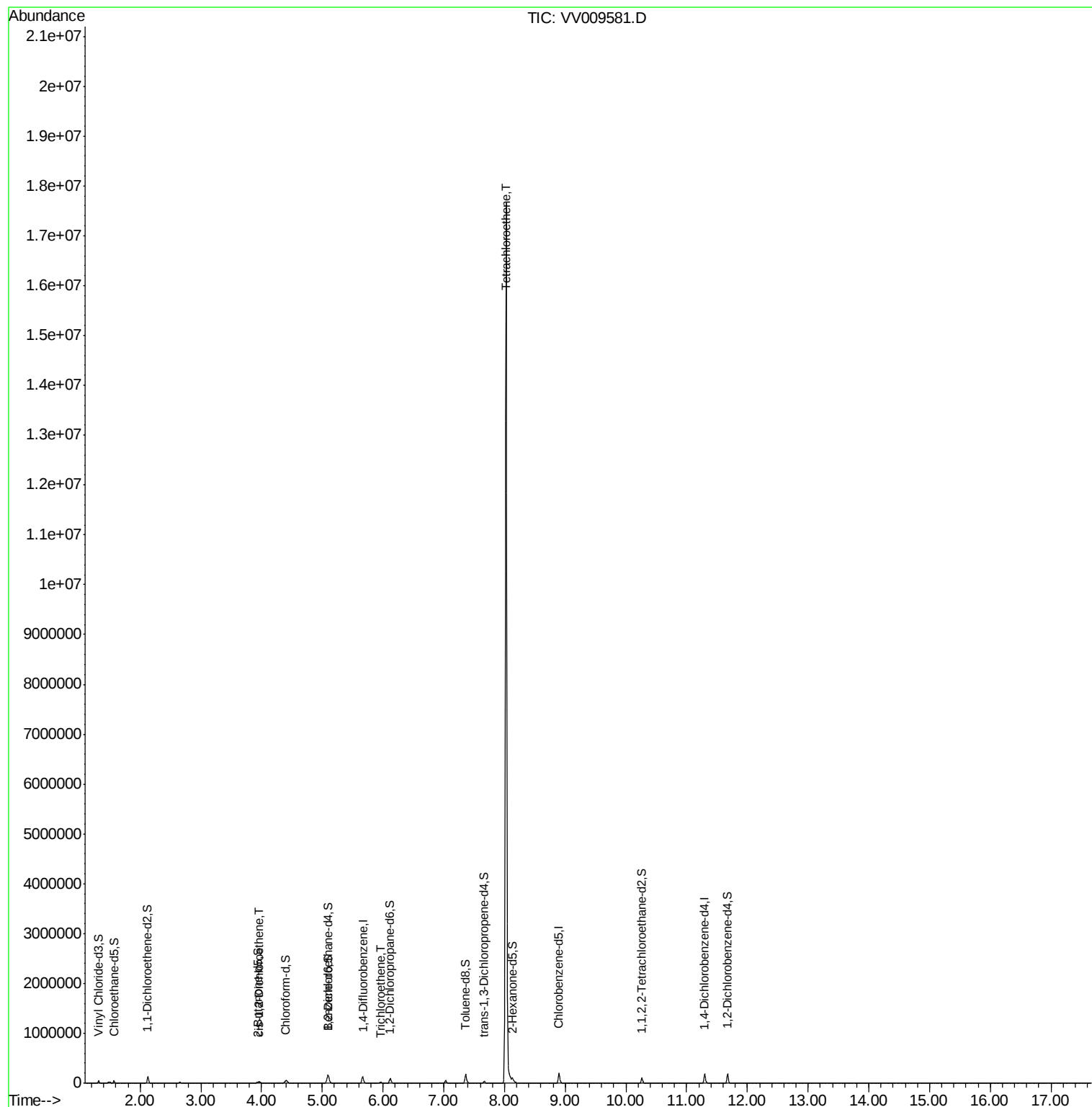
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	3.96	96	8554	5.579 ug/L	94
35) Trichloroethene	5.96	95	5032	2.972 ug/L	92
47) Tetrachloroethene	8.03	164	3364677	2619.607 ug/L	96

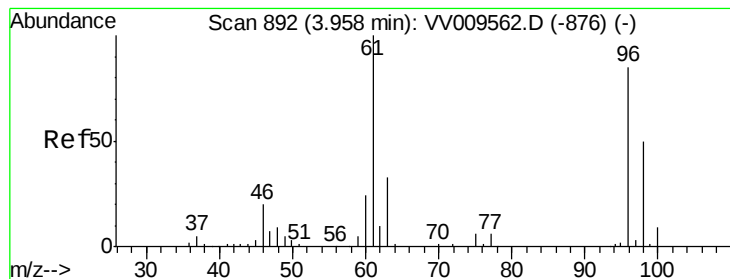
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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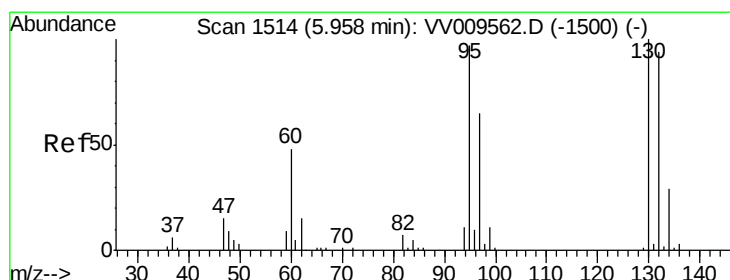
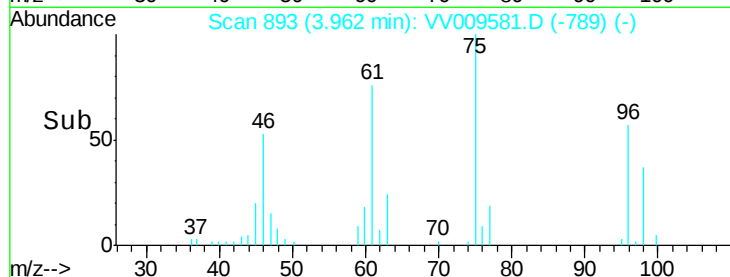
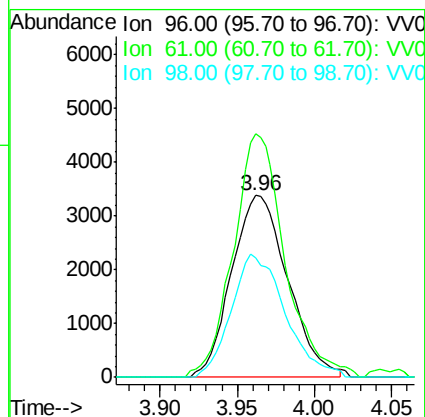
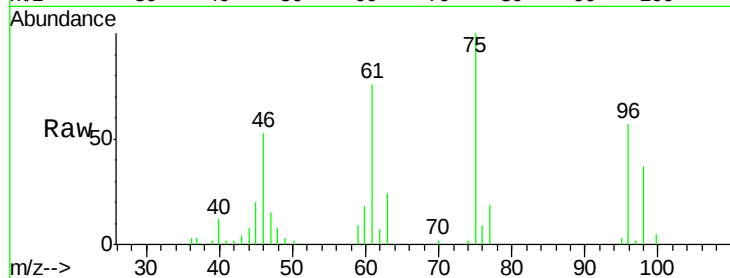


#22

cis-1,2-Dichloroethene
Concen: 5.579 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV009581.D
Acq: 10 Mar 2019 21:31

Instrument :
MSVOA_V
ClientSampleId :
BF0R2

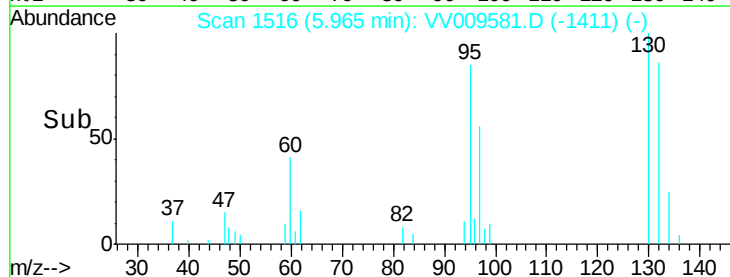
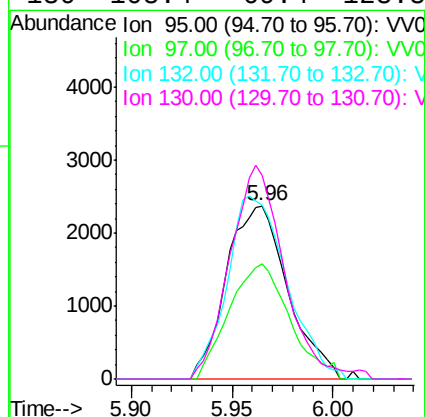
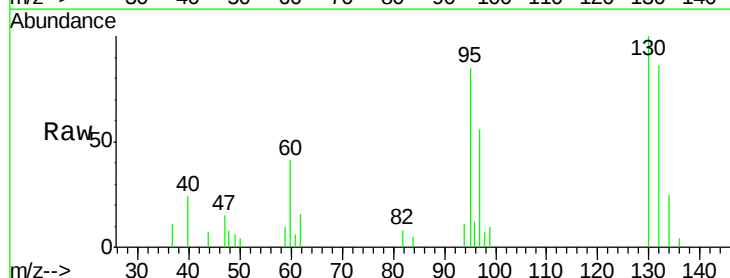
Tot Ion: 96 Resp: 8554
Ion Ratio Lower Upper
96 100
61 134.1 87.2 161.9
98 65.8 44.6 82.8

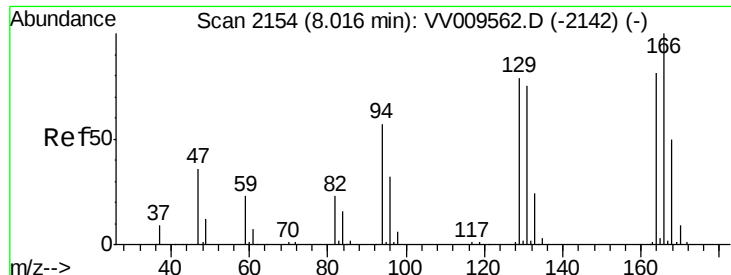


#35

Trichloroethene
Concen: 2.972 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.01 min
Lab File: VV009581.D
Acq: 10 Mar 2019 21:31

Tgt Ion: 95 Resp: 5032
Ion Ratio Lower Upper
95 100
97 64.6 44.3 82.3
132 103.1 64.4 119.6
130 108.4 69.4 128.8





#47

Tetrachloroethene

Concen: 2619.607 ug/L

RT: 8.03 min Scan# 2157

Delta R.T. 0.01 min

Lab File: VV009581.D

Acq: 10 Mar 2019 21:31

Instrument :
MSVOA_V
ClientSampleId :
BF0R2

Tot Ion:164 Resp: 3364677

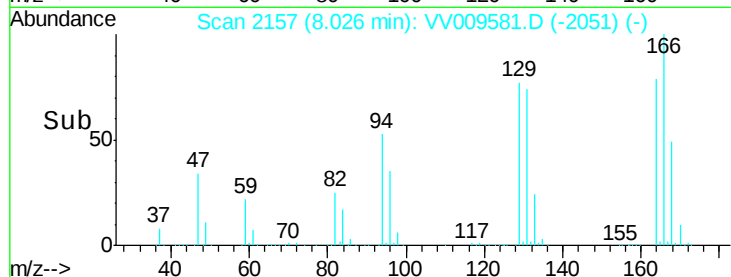
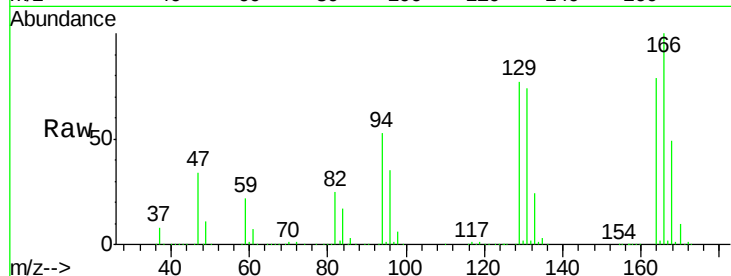
Ion Ratio Lower Upper

164 100

129 96.5 67.7 125.7

131 92.9 67.5 125.3

166 126.0 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

