

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121918\
 Data File : VV009047.D
 Acq On : 19 Dec 2018 12:48
 Operator : SY/MD
 Sample : J6419-16
 Misc : 6.32 G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF044

Quant Time: Dec 20 02:09:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 20 01:58:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	248607	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	195693	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52688	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56882	22.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.44%
7) Chloroethane-d5	1.58	69	60511	31.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	127.36%
10) 1,1-Dichloroethene-d2	2.13	63	113293	17.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.44%
20) 2-Butanone-d5	3.94	46	31930	34.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.18%
24) Chloroform-d	4.40	84	154840	25.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.64%
26) 1,2-Dichloroethane-d4	5.08	65	90643	27.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.16%
29) Benzene-d6	5.10	84	306555	28.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.20%
33) 1,2-Dichloropropane-d6	6.11	67	92284	30.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.64%#
37) Toluene-d8	7.36	98	258519	25.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.24%
38) trans-1,3-Dichloropropene-	7.66	79	36352	27.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.16%
39) 2-Hexanone-d5	8.13	63	21265	37.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.88%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	56067	21.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.36%
61) 1,2-Dichlorobenzene-d4	11.68	152	46694	23.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.44%

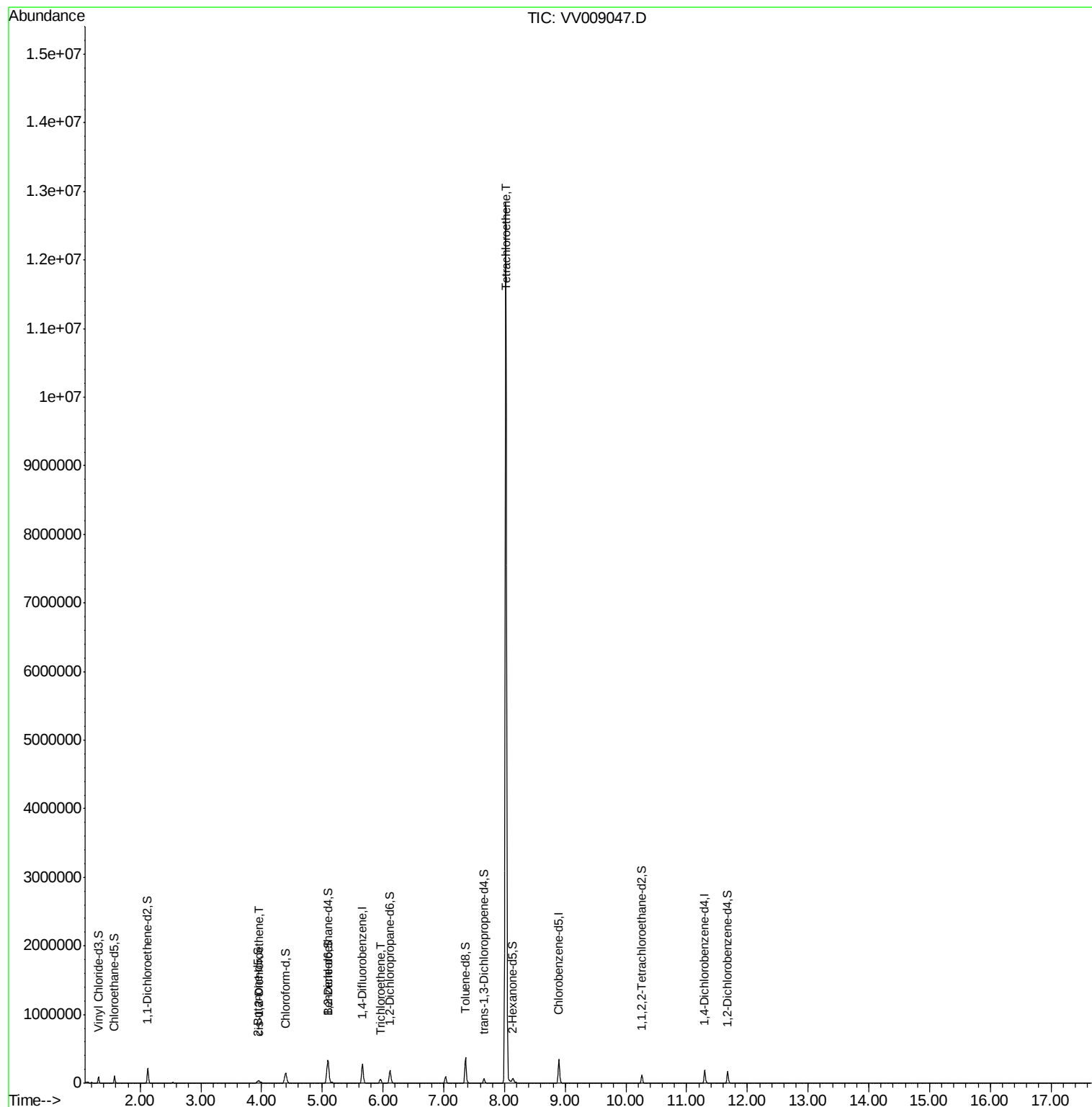
Target Compounds					Qvalue
22) cis-1,2-Dichloroethene	3.96	96	7358	2.038 ug/L	98
35) Trichloroethene	5.96	95	16475	4.661 ug/L	99
47) Tetrachloroethene	8.02	164	2954809	1027.911 ug/L	97

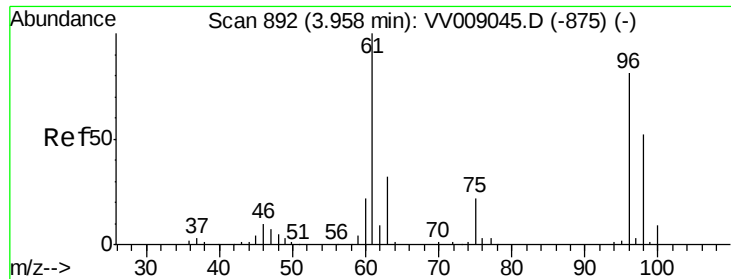
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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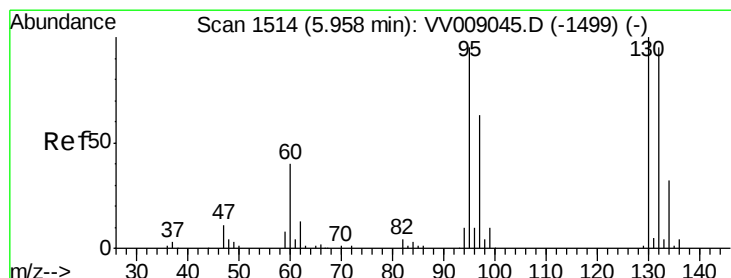
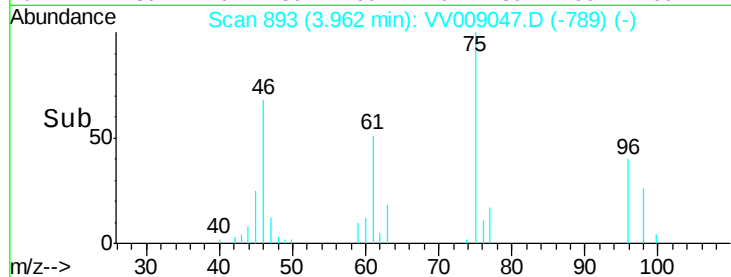
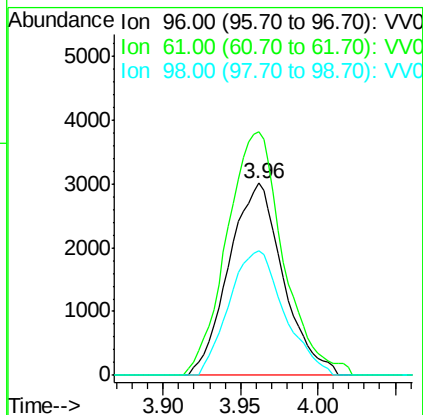
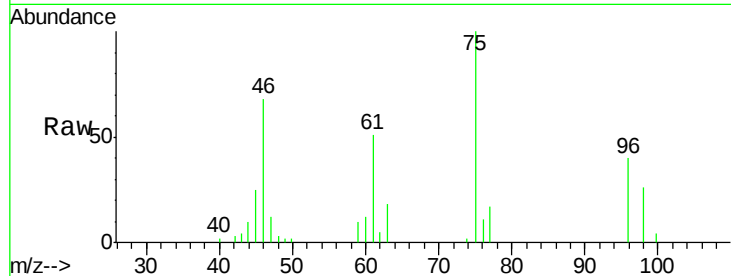


#22

cis-1,2-Dichloroethene
Concen: 2.038 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV009047.D
Acq: 19 Dec 2018 12:48

Instrument :
MSVOA_V
ClientSampled :
BF044

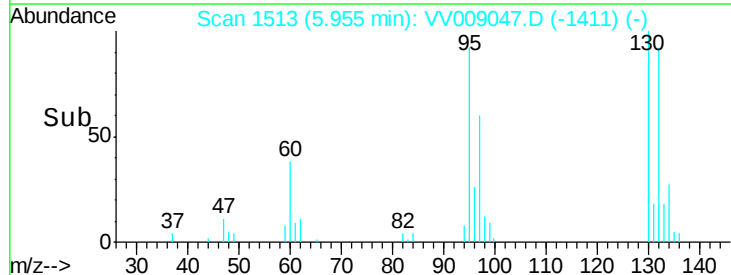
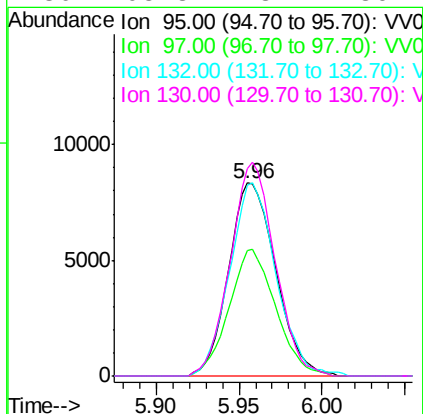
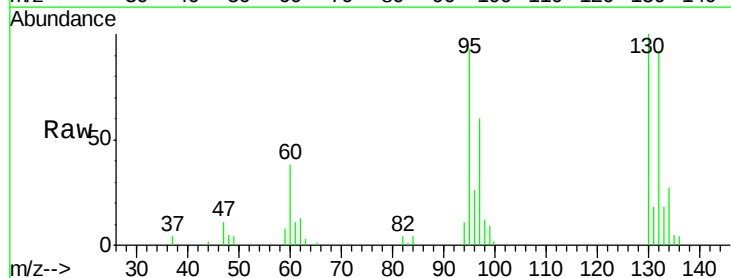
Tgt Ion: 96 Resp: 7358
Ion Ratio Lower Upper
96 100
61 126.9 86.2 160.0
98 65.0 45.6 84.6

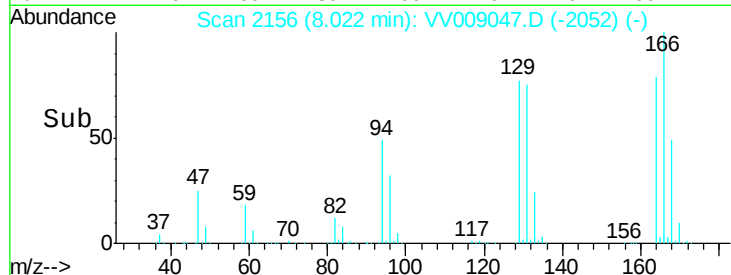
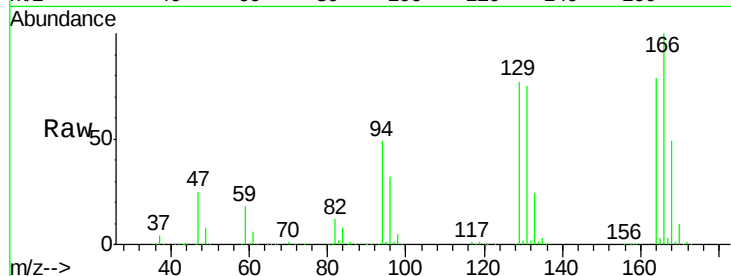
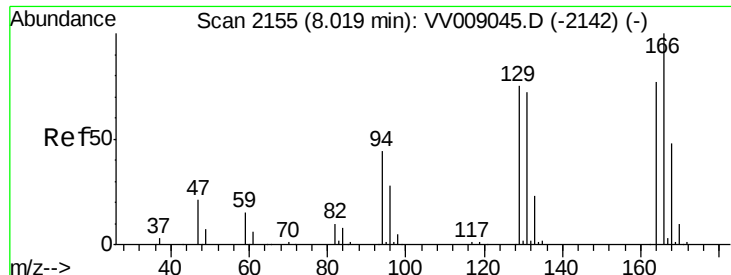


#35

Trichloroethene
Concen: 4.661 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV009047.D
Acq: 19 Dec 2018 12:48

Tgt Ion: 95 Resp: 16475
Ion Ratio Lower Upper
95 100
97 64.9 45.3 84.1
132 98.7 70.0 130.0
130 105.3 73.4 136.4





#47

Tetrachloroethene

Concen: 1027.911 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

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ClientSampleId :

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Tgt Ion:164 Resp: 2954809

Ion Ratio Lower Upper

164 100

129 97.7 64.6 120.0

131 94.6 64.5 119.7

166 126.3 88.7 164.7

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

