

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121818\
 Data File : VV009035.D
 Acq On : 19 Dec 2018 01:43
 Operator : SY/MD
 Sample : J6419-08
 Misc : 5.14G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEZX5

Quant Time: Dec 19 07:58:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 19 07:18:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	232716	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	159111	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	29864	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	53835	22.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.44%
7) Chloroethane-d5	1.58	69	57964	32.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	130.32%
10) 1,1-Dichloroethene-d2	2.13	63	109689	18.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.88%
20) 2-Butanone-d5	3.94	46	32200	36.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.46%
24) Chloroform-d	4.40	84	145297	25.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.88%
26) 1,2-Dichloroethane-d4	5.08	65	87578	28.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.76%
29) Benzene-d6	5.10	84	286569	32.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	129.00%
33) 1,2-Dichloropropane-d6	6.12	67	86544	34.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	139.16%#
37) Toluene-d8	7.36	98	223488	27.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.72%
38) trans-1,3-Dichloropropene-	7.67	79	35640	32.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	130.44%
39) 2-Hexanone-d5	8.14	63	24355	53.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.88%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	48756	23.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.44%
61) 1,2-Dichlorobenzene-d4	11.68	152	24328	21.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.84%

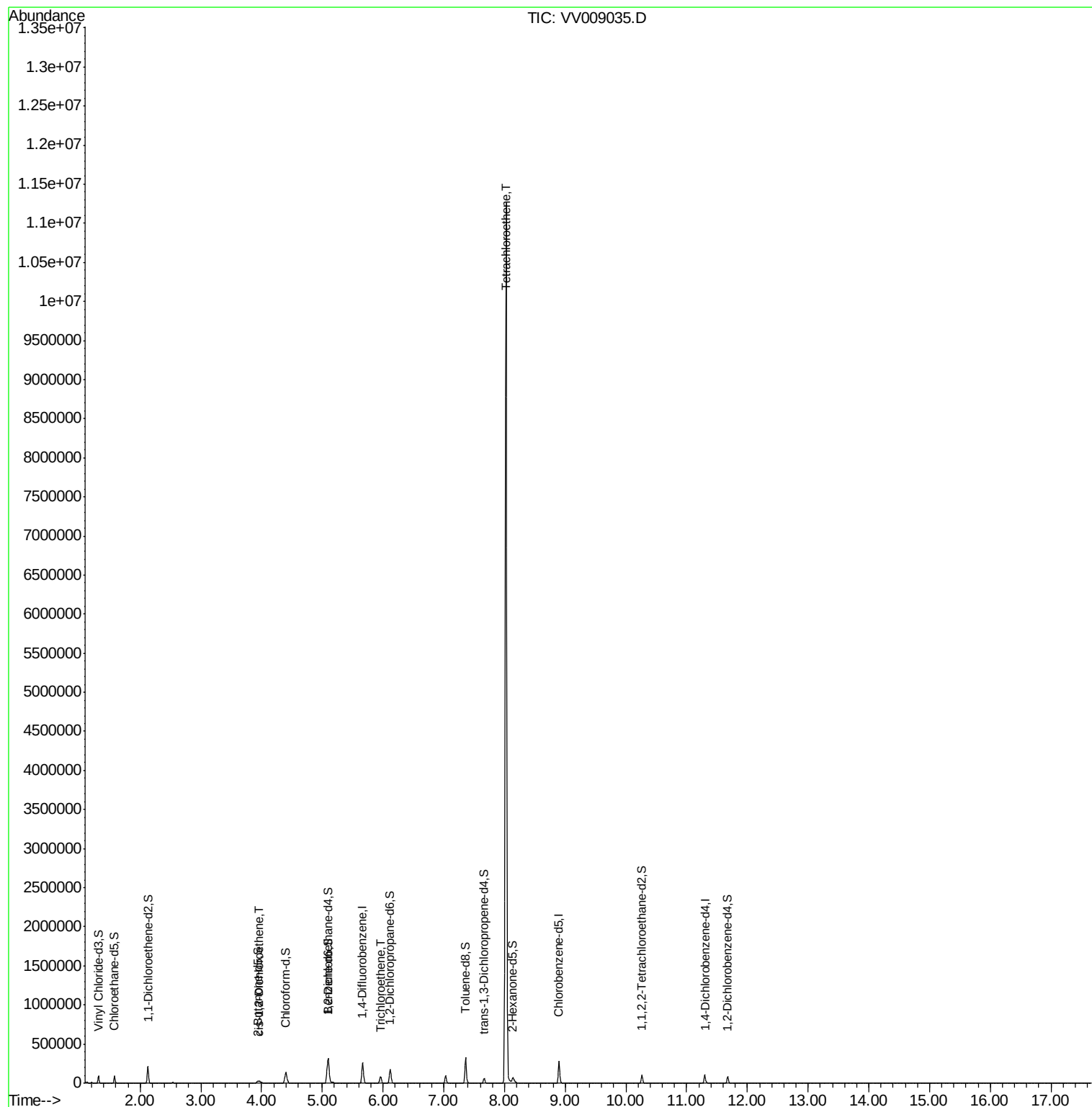
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	3.96	96	3142	0.930 ug/L	79
35) Trichloroethene	5.96	95	27349	9.516 ug/L	98
47) Tetrachloroethene	8.03	164	2562876	1096.551 ug/L	97

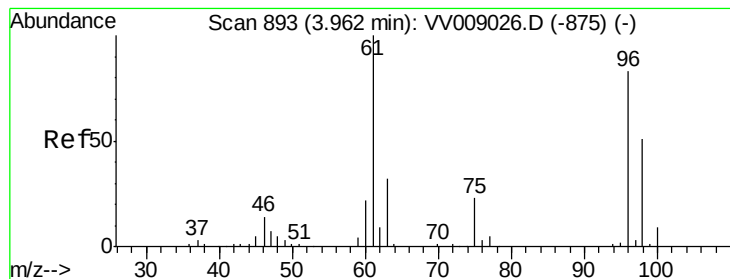
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.930 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV009035.D

Acq: 19 Dec 2018 01:43

Instrument :

MSVOA_V

ClientSampled :

BEZX5

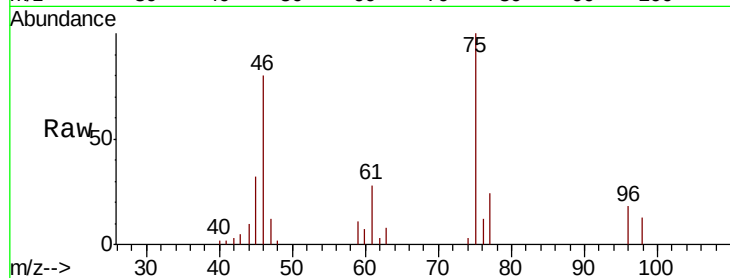
Tot Ion: 96 Resp: 3142

Ion Ratio Lower Upper

96 100

61 154.0 86.2 160.0

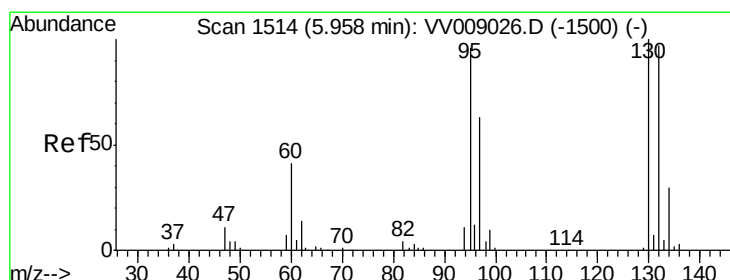
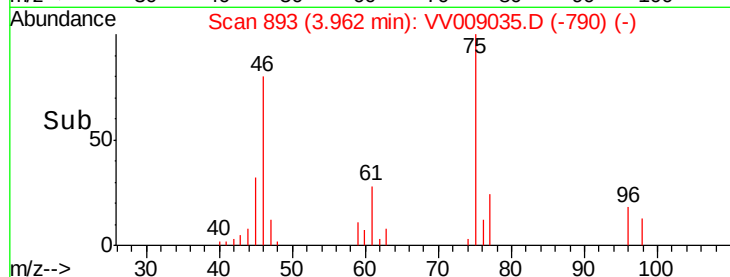
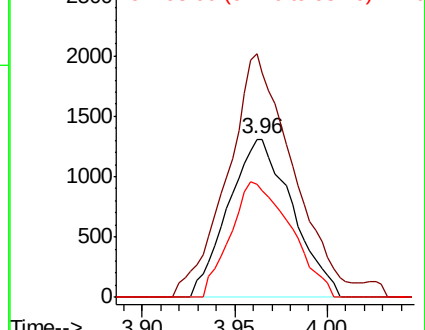
98 71.7 45.6 84.6



Abundance Ion 96.00 (95.70 to 96.70): VV009026.D (-875) (-)

Ion 61.00 (60.70 to 61.70): VV009026.D (-875) (-)

Ion 98.00 (97.70 to 98.70): VV009026.D (-875) (-)



#35

Trichloroethene

Concen: 9.516 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV009035.D

Acq: 19 Dec 2018 01:43

Tgt Ion: 95 Resp: 27349

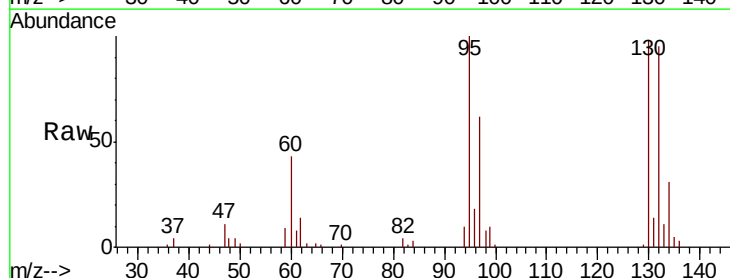
Ion Ratio Lower Upper

95 100

97 63.7 45.3 84.1

132 99.9 70.0 130.0

130 100.3 73.4 136.4

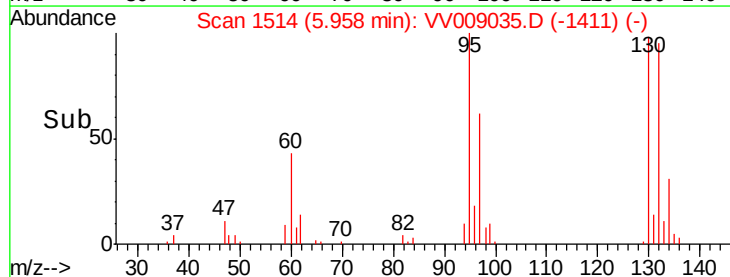
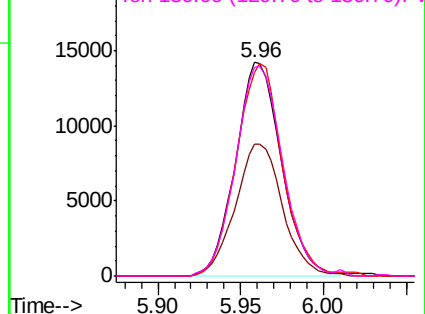


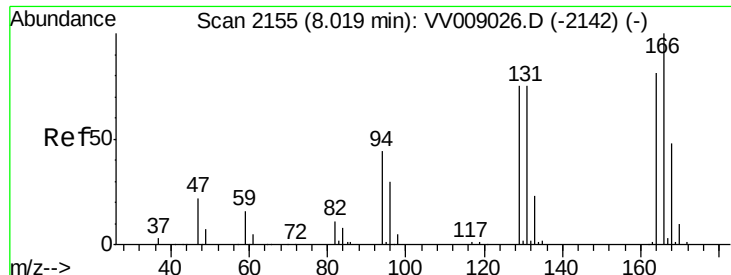
Abundance Ion 95.00 (94.70 to 95.70): VV009026.D (-1500) (-)

Ion 97.00 (96.70 to 97.70): VV009026.D (-1500) (-)

Ion 132.00 (131.70 to 132.70): VV009026.D (-1500) (-)

Ion 130.00 (129.70 to 130.70): VV009026.D (-1500) (-)





#47

Tetrachloroethene

Concen: 1096.551 ug/L

RT: 8.03 min Scan# 2157

Delta R.T. 0.01 min

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Acq: 19 Dec 2018 01:43

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ClientSampleId :
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Tot Ion:164 Resp: 2562876

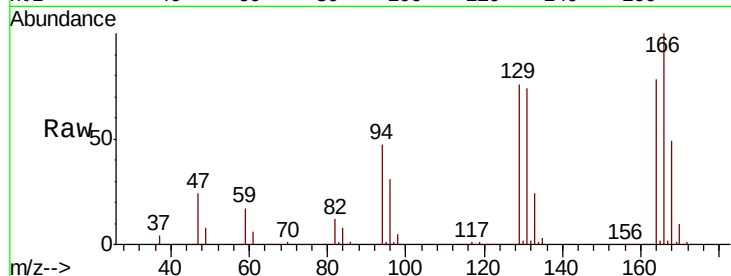
Ion Ratio Lower Upper

164 100

129 97.1 64.6 120.0

131 94.4 64.5 119.7

166 127.7 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

