

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030719\
 Data File : VV009527.D
 Acq On : 07 Mar 2019 14:18
 Operator : SY/MD
 Sample : K1789-09
 Misc : 5.90G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0P5

Quant Time: Mar 08 04:29:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 03:01:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	172822	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	166794	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74651	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39689	19.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.32%
7) Chloroethane-d5	1.58	69	69258	23.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.08%
10) 1,1-Dichloroethene-d2	2.13	63	84541	15.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.48%
20) 2-Butanone-d5	3.95	46	21995	31.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.06%
24) Chloroform-d	4.40	84	91115	22.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.52%
26) 1,2-Dichloroethane-d4	5.08	65	51217	21.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.48%
29) Benzene-d6	5.10	84	184403	22.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.28%
33) 1,2-Dichloropropane-d6	6.12	67	56546	23.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.80%
37) Toluene-d8	7.36	98	179203	22.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.00%
38) trans-1,3-Dichloropropene-	7.67	79	23296	19.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.88%
39) 2-Hexanone-d5	8.14	63	17854	31.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.76%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47639	18.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.36%
61) 1,2-Dichlorobenzene-d4	11.67	152	61287	22.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.96%

Target Compounds

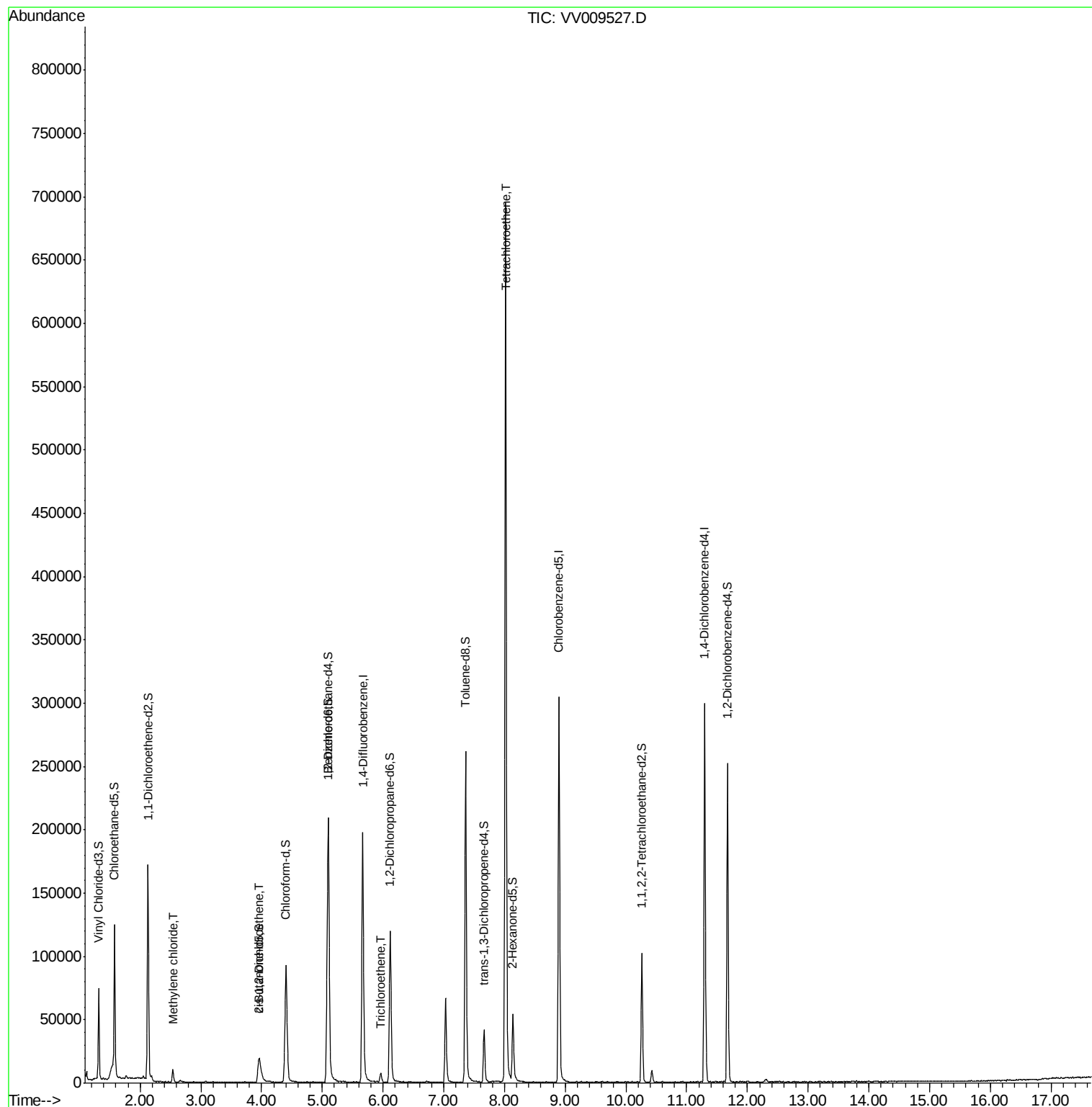
					Ovalue
16) Methylene chloride	2.54	84	4075	1.797 ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	4177	1.793 ug/L	93
35) Trichloroethene	5.96	95	2626	1.060 ug/L	94
47) Tetrachloroethene	8.02	164	142381	75.790 ug/L	95

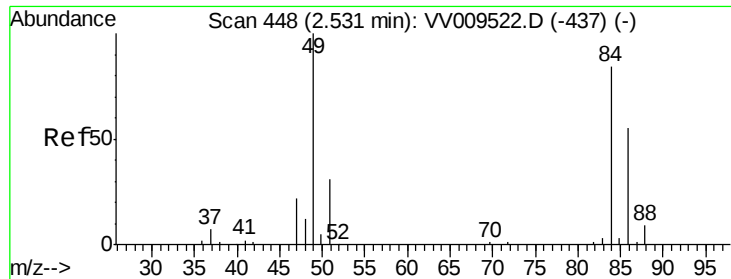
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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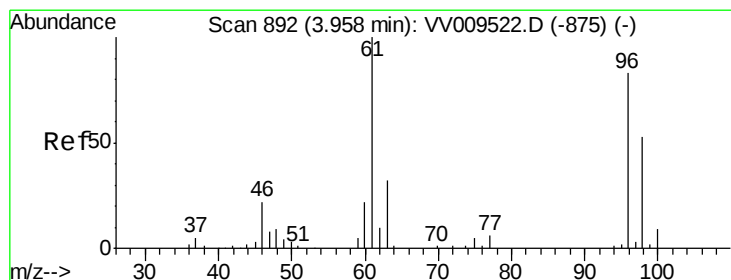
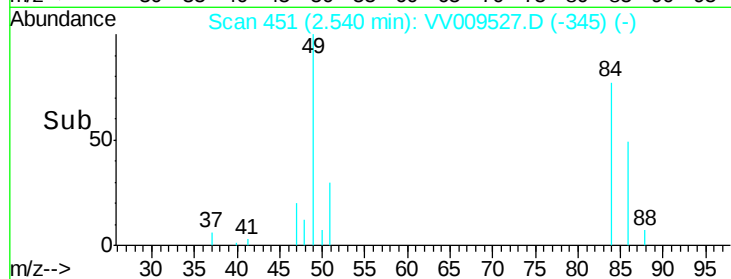
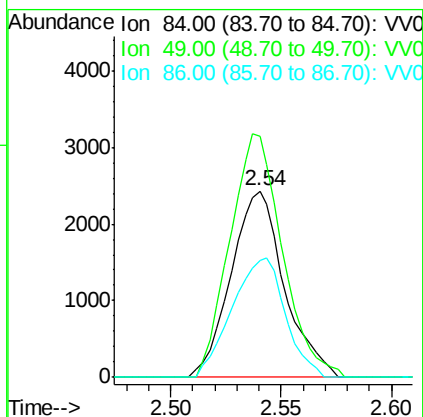
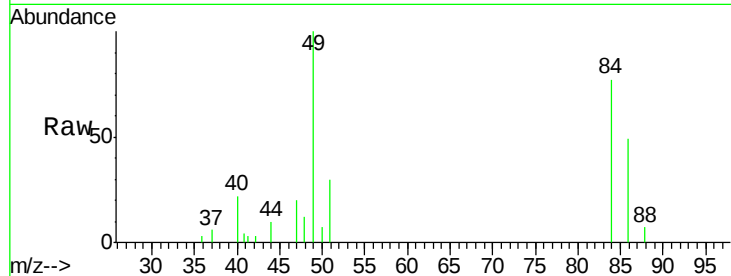




#16
Methylene chloride
Concen: 1.797 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.01 min
Lab File: VV009527.D
Acq: 07 Mar 2019 14:18

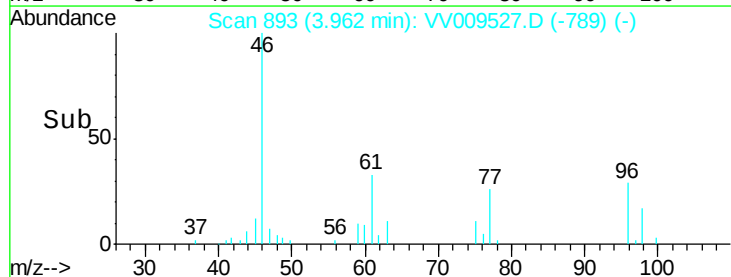
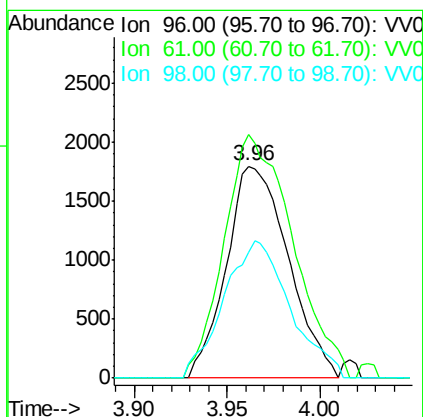
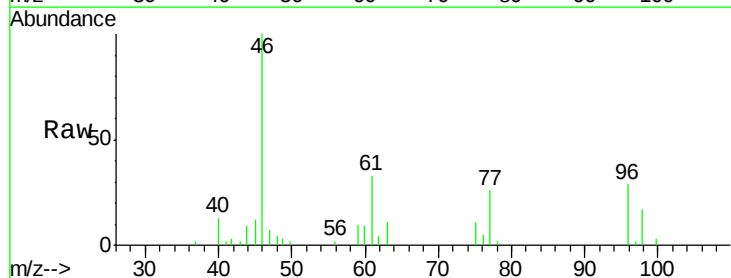
Instrument :
MSVOA_V
ClientSampled :
BF0P5

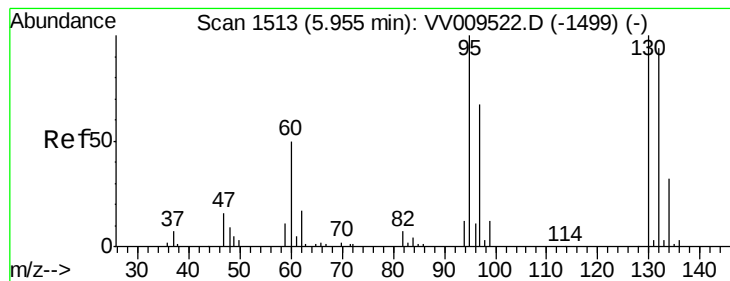
Tot Ion: 84 Resp: 4075
Ion Ratio Lower Upper
84 100
49 129.4 84.6 157.0
86 62.9 46.1 85.7



#22
cis-1,2-Dichloroethene
Concen: 1.793 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV009527.D
Acq: 07 Mar 2019 14:18

Tgt Ion: 96 Resp: 4177
Ion Ratio Lower Upper
96 100
61 114.8 87.2 161.9
98 59.6 44.6 82.8





#35

Trichloroethene

Concen: 1.060 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VV009527.D

Acq: 07 Mar 2019 14:18

Instrument :

MSVOA_V

ClientSampleId :

BF0P5

Tot Ion: 95 Resp: 2626

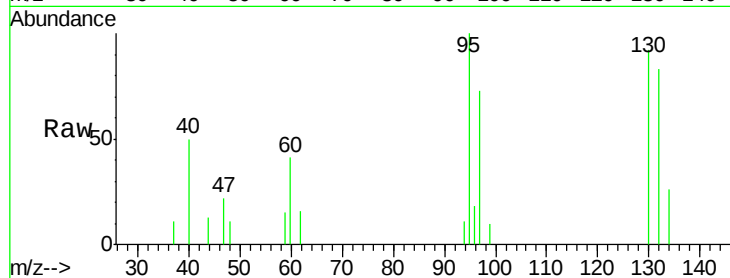
Ion Ratio Lower Upper

95 100

97 62.4 44.3 82.3

132 82.9 64.4 119.6

130 93.1 69.4 128.8

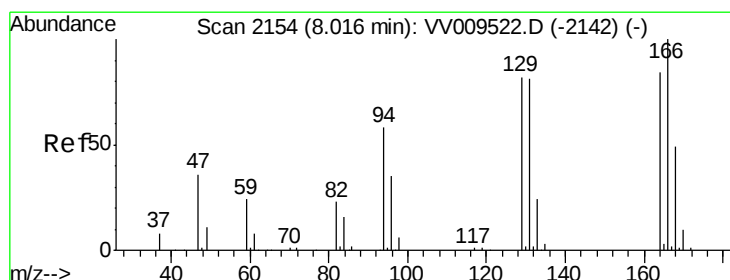
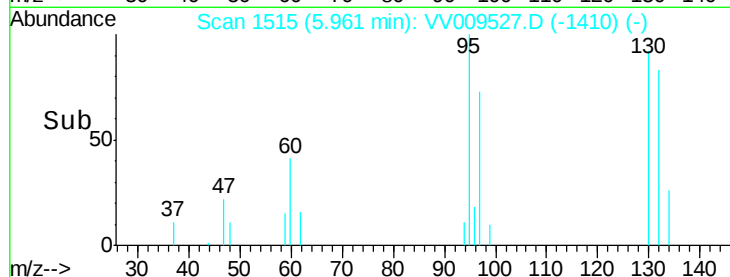
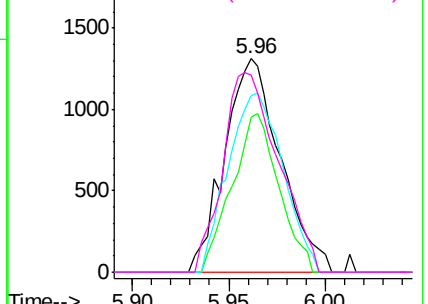


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#47

Tetrachloroethene

Concen: 75.790 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV009527.D

Acq: 07 Mar 2019 14:18

Tgt Ion:164 Resp: 142381

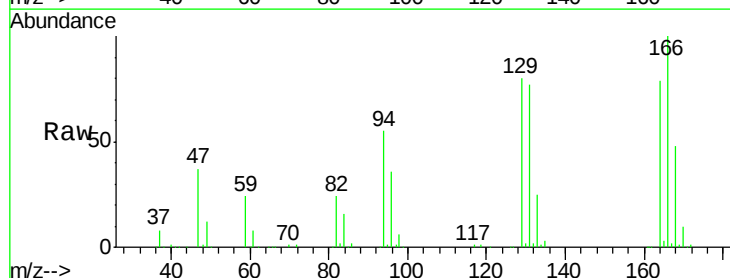
Ion Ratio Lower Upper

164 100

129 101.5 67.7 125.7

131 96.6 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

