

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030719\
 Data File : VV009526.D
 Acq On : 07 Mar 2019 13:51
 Operator : SY/MD
 Sample : K1789-08
 Misc : 5.84G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0P4

Quant Time: Mar 08 04:26:38 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	5.66	114	154999	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	147481	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66422	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	35491	19.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.08%
7) Chloroethane-d5	1.58	69	60759	22.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.08%
10) 1,1-Dichloroethene-d2	2.12	63	78948	16.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.04%
20) 2-Butanone-d5	3.95	46	22695	35.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.38%
24) Chloroform-d	4.39	84	85118	23.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.07	65	51164	24.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.44%
29) Benzene-d6	5.09	84	173469	23.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.00%
33) 1,2-Dichloropropane-d6	6.11	67	52076	24.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.64%
37) Toluene-d8	7.36	98	166263	23.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.40%
38) trans-1,3-Dichloropropene-	7.66	79	22186	21.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.96%
39) 2-Hexanone-d5	8.14	63	17680	35.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.28%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47636	20.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	57163	23.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.32%

Target Compounds

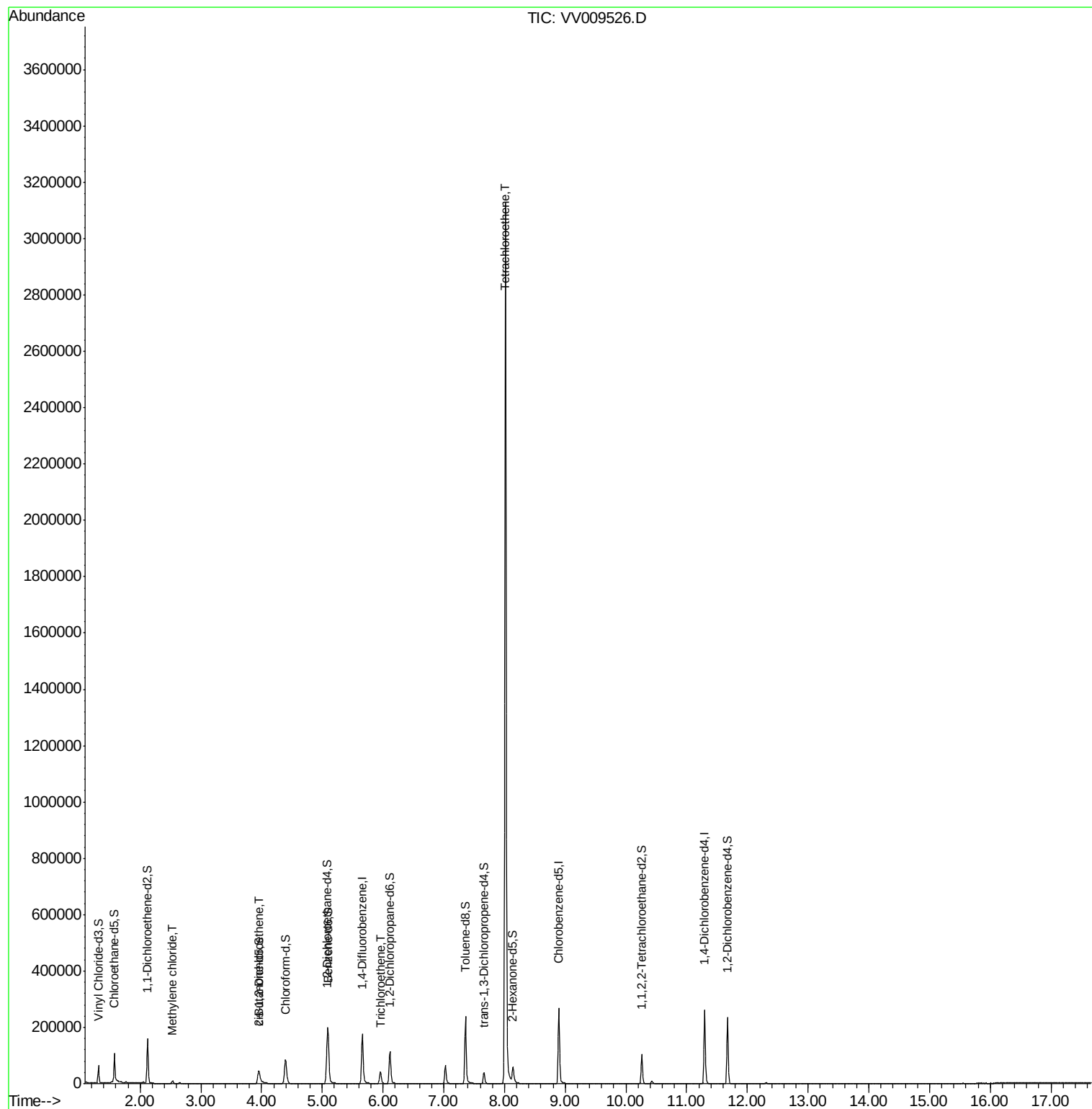
					Ovalue
16) Methylene chloride	2.53	84	4219	2.074 ug/L	93
22) cis-1,2-Dichloroethene	3.96	96	18208	8.713 ug/L	98
35) Trichloroethene	5.95	95	14667	6.697 ug/L	99
47) Tetrachloroethene	8.02	164	622316	374.639 ug/L	96

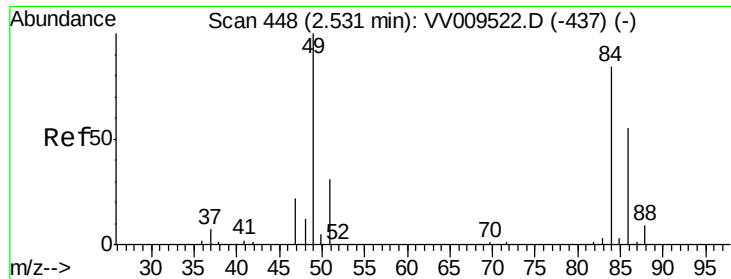
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV030719\
Data File : VV009526.D
Acq On : 07 Mar 2019 13:51
Operator : SY/MD
Sample : K1789-08
Misc : 5.84G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0P4

Quant Time: Mar 08 04:26:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 08 03:01:51 2019
Response via : Initial Calibration

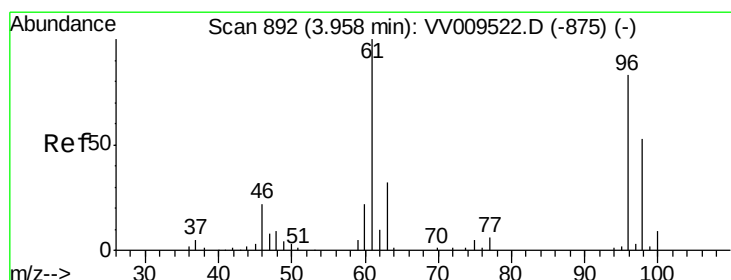
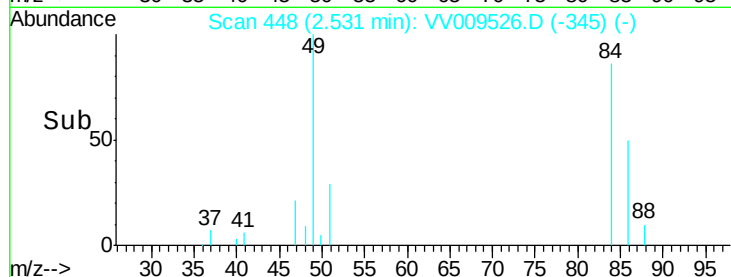
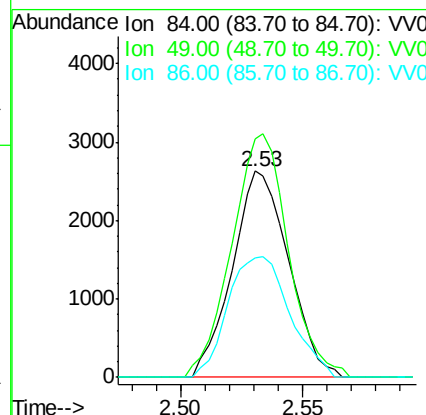
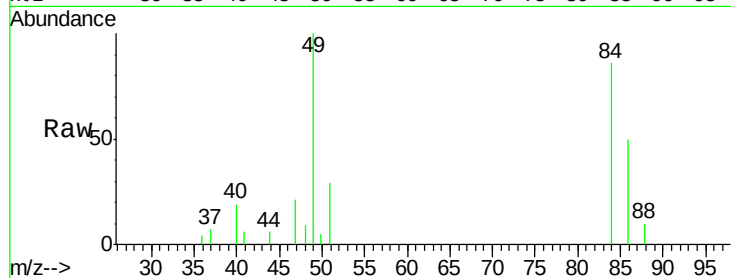




#16
Methvlene chloride
Concen: 2.074 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV009526.D
Acq: 07 Mar 2019 13:51

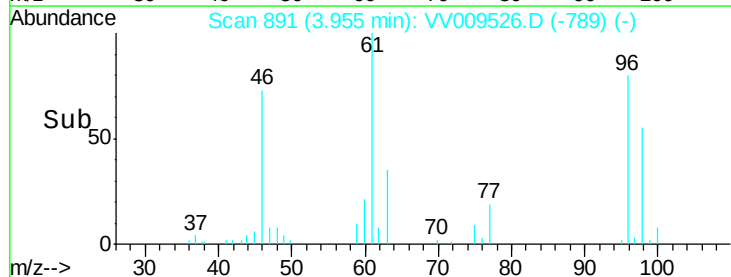
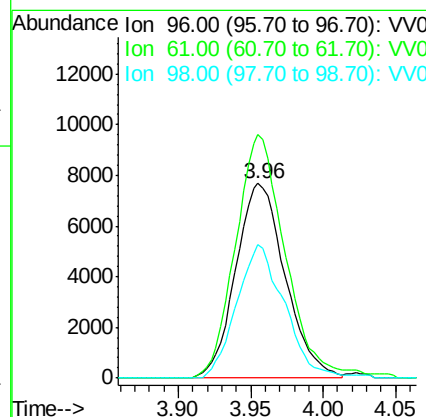
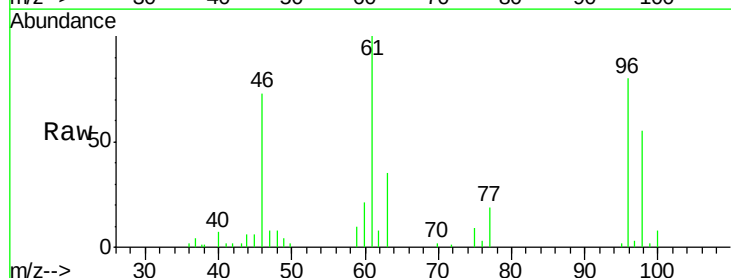
Instrument :
MSVOA_V
ClientSampled :
BF0P4

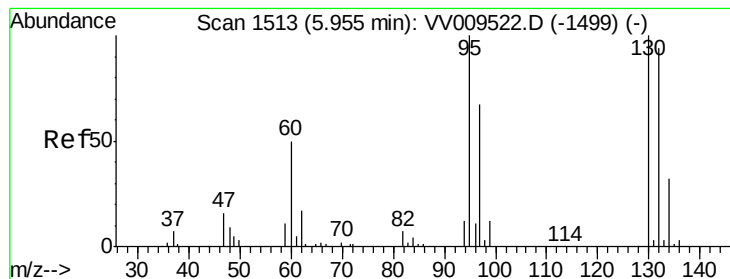
Tot Ion: 84 Resp: 4219
Ion Ratio Lower Upper
84 100
49 115.6 84.6 157.0
86 58.0 46.1 85.7



#22
cis-1,2-Dichloroethene
Concen: 8.713 ug/L
RT: 3.96 min Scan# 891
Delta R.T. -0.00 min
Lab File: VV009526.D
Acq: 07 Mar 2019 13:51

Tgt Ion: 96 Resp: 18208
Ion Ratio Lower Upper
96 100
61 125.2 87.2 161.9
98 68.4 44.6 82.8





#35

Trichloroethene

Concen: 6.697 ug/L

RT: 5.95 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV009526.D

Acq: 07 Mar 2019 13:51

Instrument :

MSVOA_V

ClientSampleId :

BF0P4

Tot Ion: 95 Resp: 14667

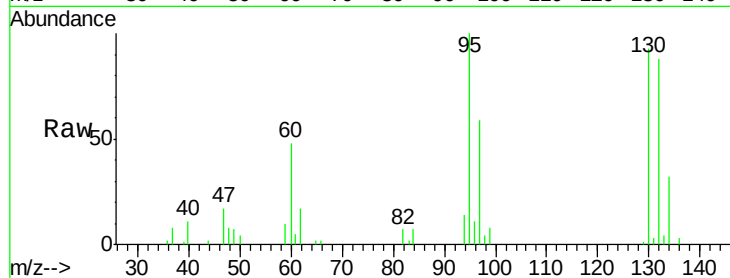
Ion Ratio Lower Upper

95 100

97 61.8 44.3 82.3

132 92.0 64.4 119.6

130 97.1 69.4 128.8

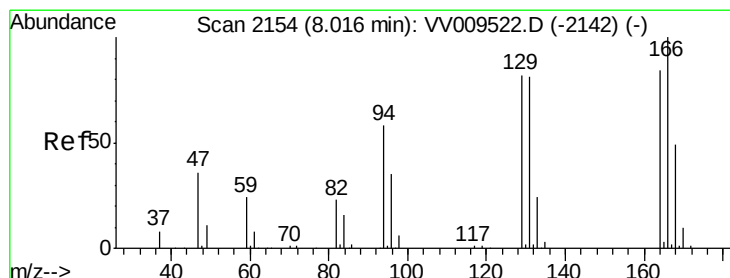
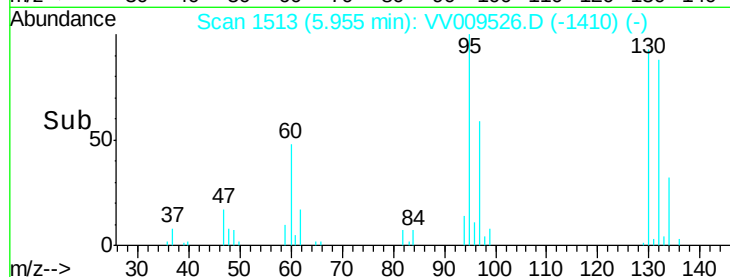
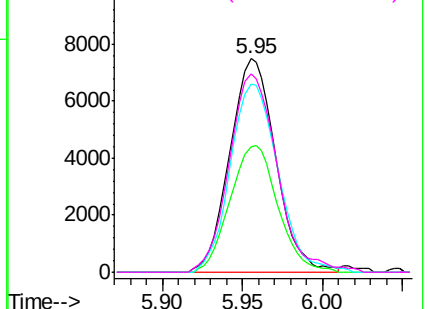


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 374.639 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV009526.D

Acq: 07 Mar 2019 13:51

Tgt Ion:164 Resp: 622316

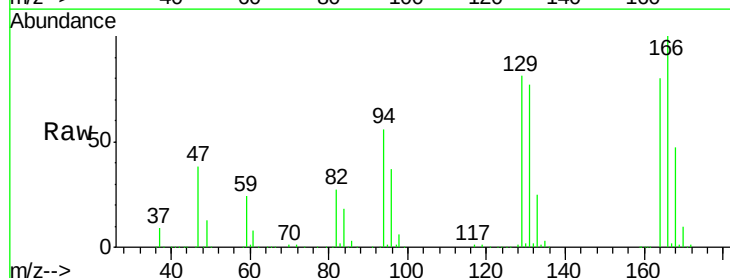
Ion Ratio Lower Upper

164 100

129 101.0 67.7 125.7

131 96.3 67.5 125.3

166 125.4 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

