

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030719\
 Data File : VV009530.D
 Acq On : 07 Mar 2019 15:40
 Operator : SY/MD
 Sample : K1789-03
 Misc : 6.03G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0N9

Quant Time: Mar 08 04:38:19 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	139046	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	135409	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63746	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33652	20.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.44%
7) Chloroethane-d5	1.58	69	61695	25.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.96%
10) 1,1-Dichloroethene-d2	2.13	63	70791	16.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.00%
20) 2-Butanone-d5	3.95	46	29027	50.89	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.78%
24) Chloroform-d	4.40	84	76650	23.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.56%
26) 1,2-Dichloroethane-d4	5.08	65	49666	26.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.44%
29) Benzene-d6	5.10	84	159623	23.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.20%
33) 1,2-Dichloropropane-d6	6.12	67	51065	25.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.20%
37) Toluene-d8	7.36	98	150035	22.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.80%
38) trans-1,3-Dichloropropene-	7.66	79	22153	23.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.40%
39) 2-Hexanone-d5	8.14	63	22355	48.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.80%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	53124	25.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.76%
61) 1,2-Dichlorobenzene-d4	11.68	152	56807	24.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.64%

Target Compounds

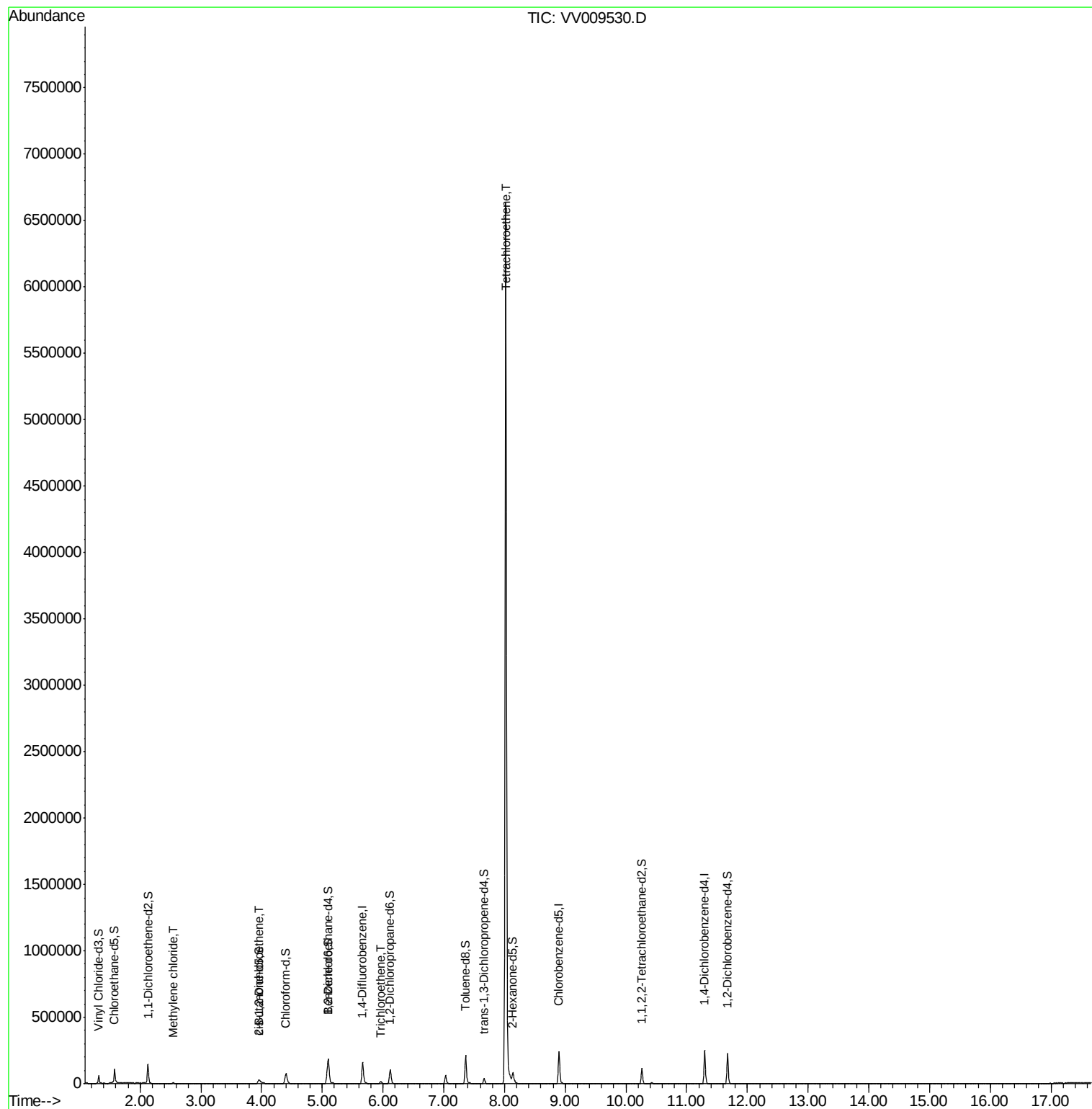
					Ovalue
16) Methylene chloride	2.54	84	3277	1.796 ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	5953	3.176 ug/L	89
35) Trichloroethene	5.96	95	4751	2.363 ug/L	93
47) Tetrachloroethene	8.02	164	1305601	856.055 ug/L	94

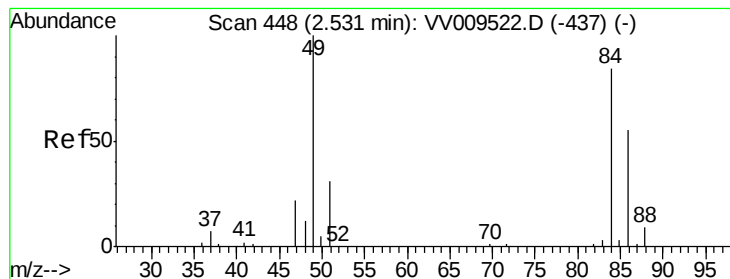
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methvlene chloride

Concen: 1.796 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.01 min

Lab File: VV009530.D

Acq: 07 Mar 2019 15:40

Instrument :

MSVOA_V

ClientSampleId :

BF0N9

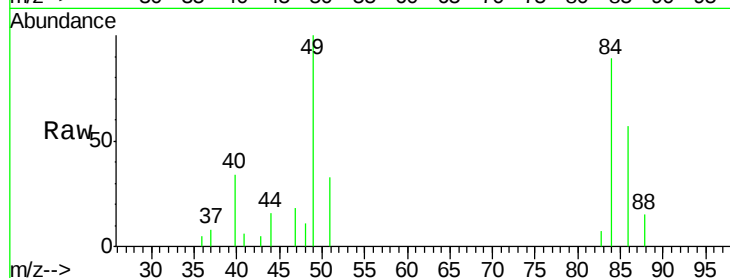
Tot Ion: 84 Resp: 3277

Ion Ratio Lower Upper

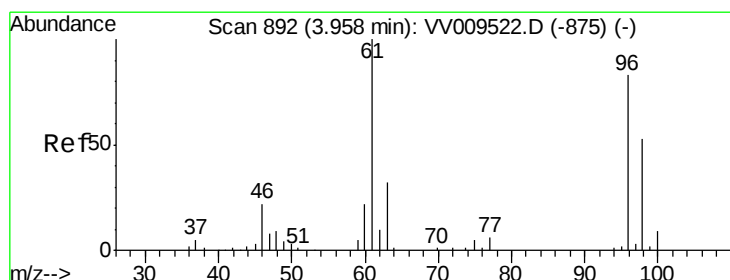
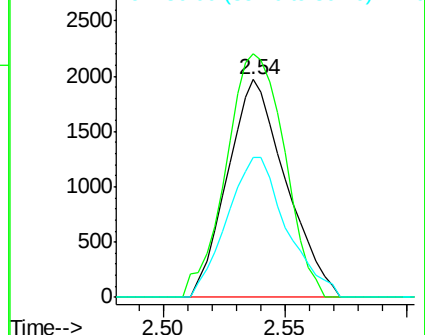
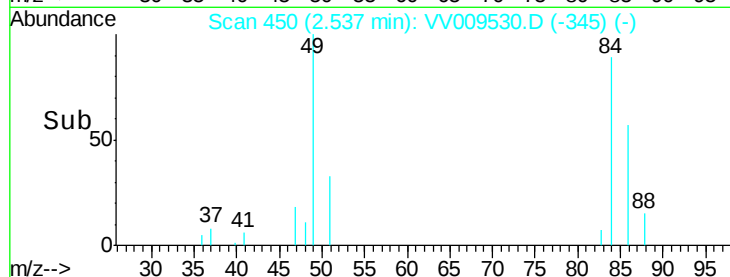
84 100

49 111.9 84.6 157.0

86 64.1 46.1 85.7



Abundance Ion 84.00 (83.70 to 84.70): VV009530.D (-345) (-)



#22

cis-1,2-Dichloroethene

Concen: 3.176 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.01 min

Lab File: VV009530.D

Acq: 07 Mar 2019 15:40

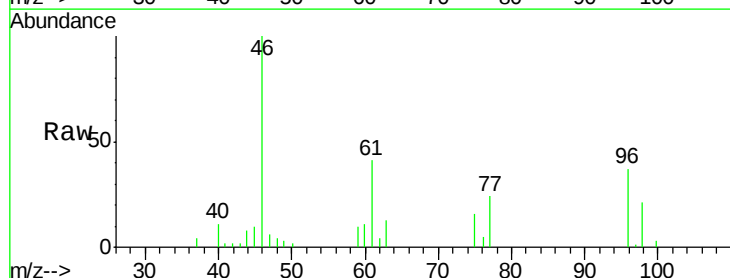
Tgt Ion: 96 Resp: 5953

Ion Ratio Lower Upper

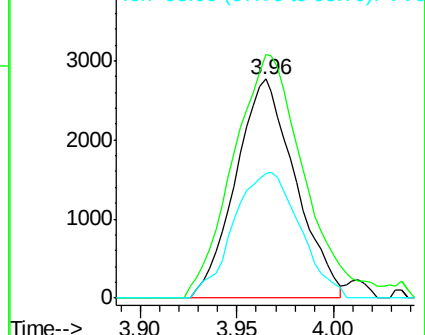
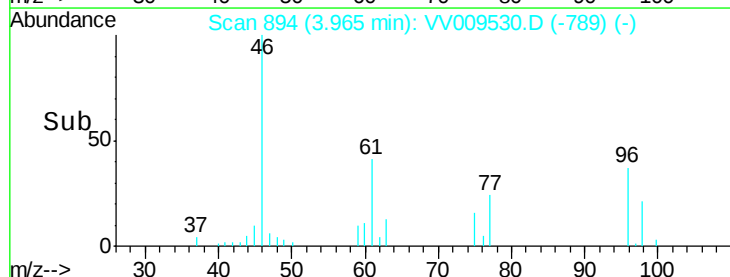
96 100

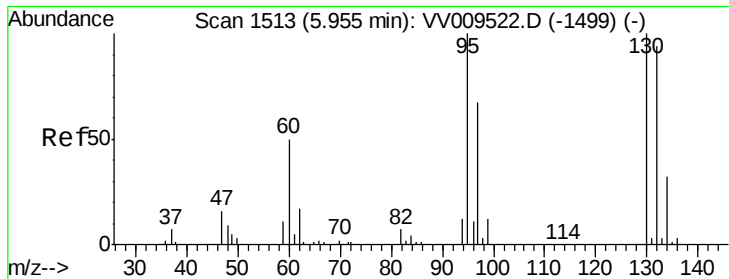
61 111.1 87.2 161.9

98 56.9 44.6 82.8



Abundance Ion 96.00 (95.70 to 96.70): VV009530.D (-789) (-)

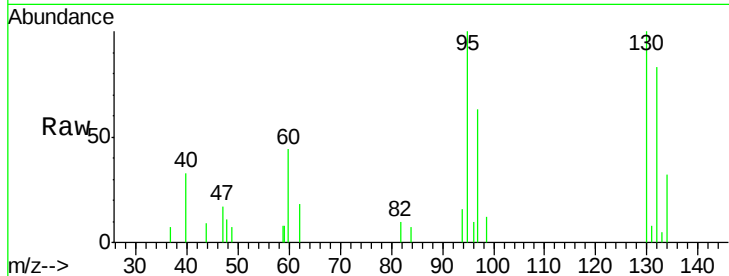




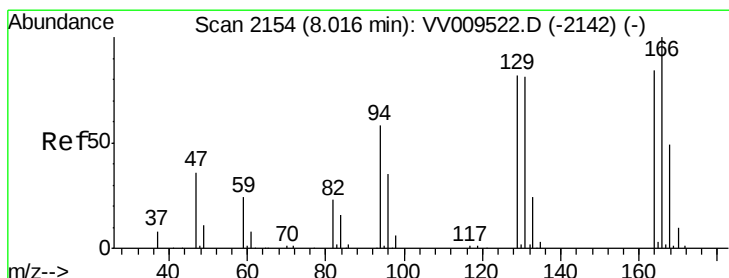
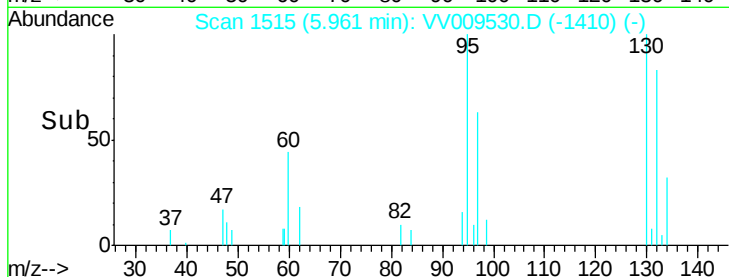
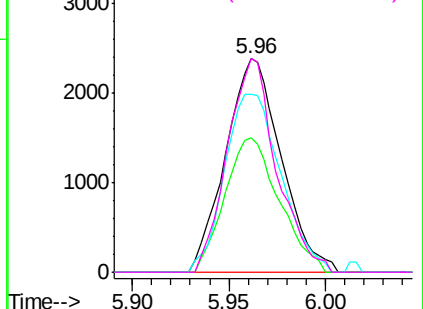
#35
 Trichloroethene
 Concen: 2.363 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.01 min
 Lab File: VV009530.D
 Acq: 07 Mar 2019 15:40

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0N9

Tot Ion:	95	Resp:	4751
Ion	Ratio	Lower	Upper
95	100		
97	61.8	44.3	82.3
132	84.9	64.4	119.6
130	88.9	69.4	128.8

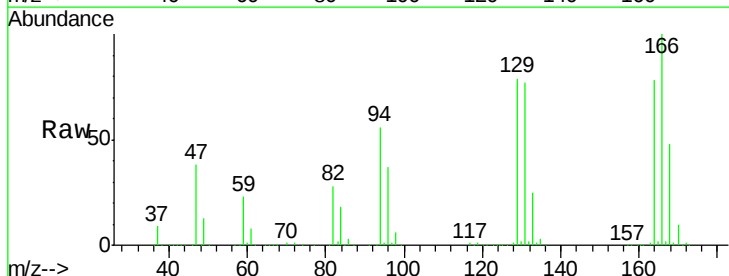


Abundance Ion 95.00 (94.70 to 95.70): VV009530.D (-2051) (-)
 Ion 97.00 (96.70 to 97.70): VV009530.D (-2051) (-)
 Ion 132.00 (131.70 to 132.70): VV009530.D (-2051) (-)
 Ion 130.00 (129.70 to 130.70): VV009530.D (-2051) (-)



#47
 Tetrachloroethene
 Concen: 856.055 ug/L
 RT: 8.02 min Scan# 2156
 Delta R.T. 0.01 min
 Lab File: VV009530.D
 Acq: 07 Mar 2019 15:40

Tgt Ion:	164	Resp:	1305601
Ion	Ratio	Lower	Upper
164	100		
129	101.0	67.7	125.7
131	98.2	67.5	125.3
166	127.5	81.6	151.6



Abundance Ion 164.00 (163.70 to 164.70): VV009530.D (-2051) (-)
 Ion 129.00 (128.70 to 129.70): VV009530.D (-2051) (-)
 Ion 131.00 (130.70 to 131.70): VV009530.D (-2051) (-)
 Ion 166.00 (165.70 to 166.70): VV009530.D (-2051) (-)

