

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032619\
 Data File : VV009910.D
 Acq On : 26 Mar 2019 22:31
 Operator : SY/MD
 Sample : K2101-03
 Misc : 6.08G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0K1

Quant Time: Mar 27 02:54:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:42:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	148409	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	147056	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63005	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71114	23.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.44%
7) Chloroethane-d5	1.58	69	127652	39.24	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	156.96%#
10) 1,1-Dichloroethene-d2	2.13	63	146002	17.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.88%
20) 2-Butanone-d5	3.95	46	23036	41.05	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.10%
24) Chloroform-d	4.40	84	91971	24.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.28%
26) 1,2-Dichloroethane-d4	5.08	65	52296	22.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.92%
29) Benzene-d6	5.10	84	184815	23.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.72%
33) 1,2-Dichloropropane-d6	6.12	67	55546	24.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.32%
37) Toluene-d8	7.36	98	162373	22.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.84%
38) trans-1,3-Dichloropropene-	7.66	79	17426	18.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.40%
39) 2-Hexanone-d5	8.14	63	16619	39.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.82%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	44292	19.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.20%
61) 1,2-Dichlorobenzene-d4	11.67	152	56959	23.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.96%

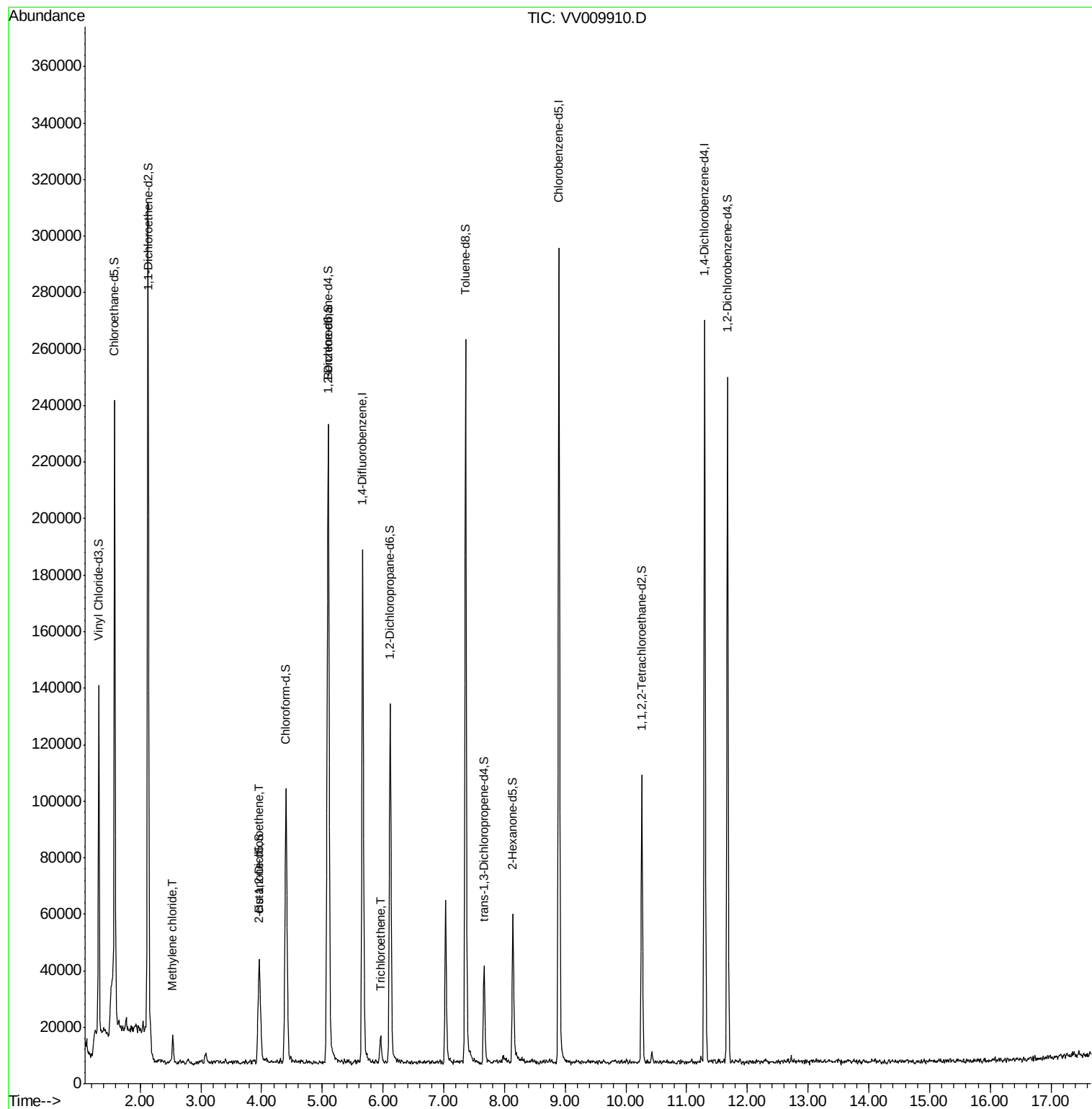
Target Compounds					Qvalue
16) Methylene chloride	2.54	84	3607	1.476 ug/L	91
22) cis-1,2-Dichloroethene	3.96	96	13157	6.128 ug/L	95
35) Trichloroethene	5.96	95	2791	1.310 ug/L	86

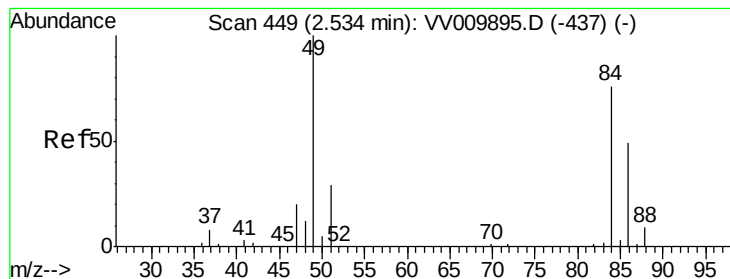
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 1.476 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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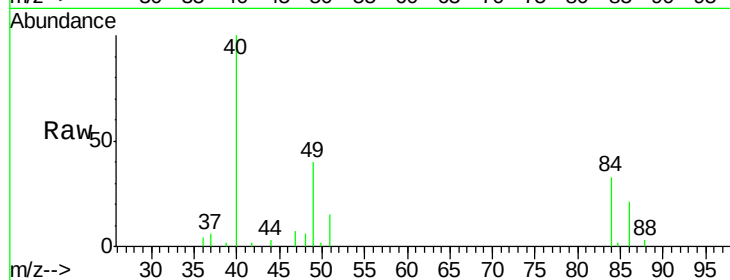
Tgt Ion: 84 Resp: 3607

Ion Ratio Lower Upper

84 100

49 115.8 90.4 167.8

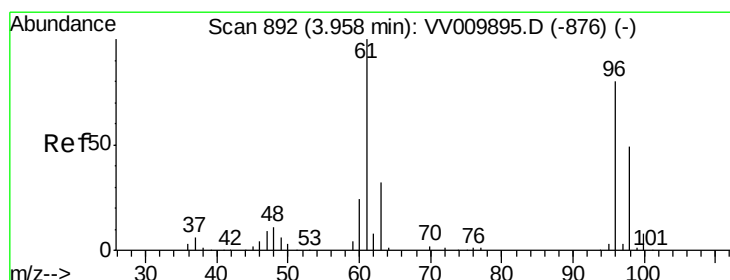
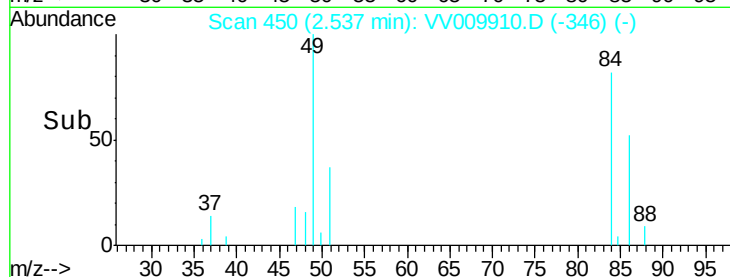
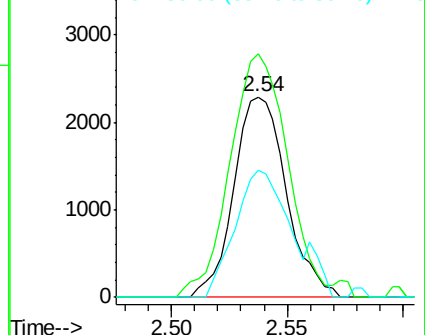
86 60.4 44.0 81.6



Abundance Ion 84.00 (83.70 to 84.70): VV009910.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV009910.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV009910.D (-437) (-)



#22

cis-1,2-Dichloroethene

Concen: 6.128 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV009910.D

Acq: 26 Mar 2019 22:31

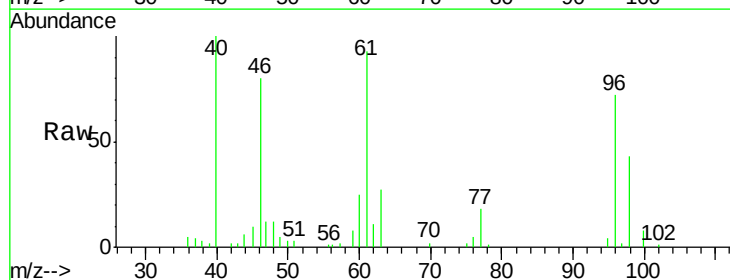
Tgt Ion: 96 Resp: 13157

Ion Ratio Lower Upper

96 100

61 128.0 91.4 169.8

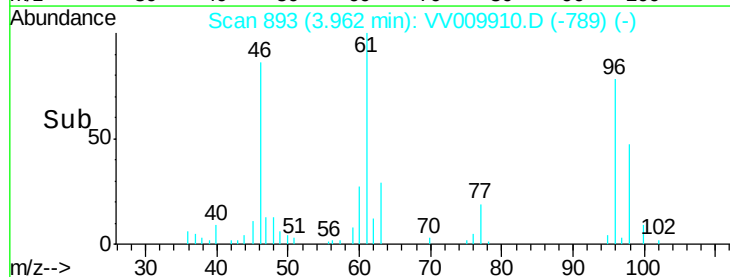
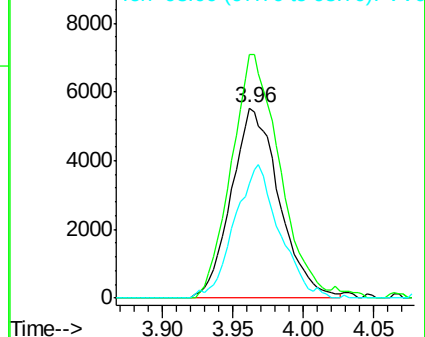
98 59.9 48.0 89.2

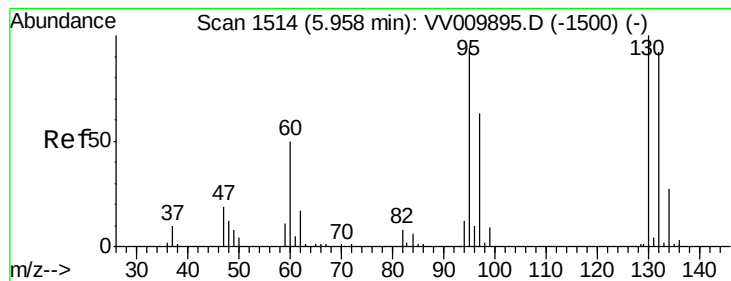


Abundance Ion 96.00 (95.70 to 96.70): VV009910.D (-876) (-)

Ion 61.00 (60.70 to 61.70): VV009910.D (-876) (-)

Ion 98.00 (97.70 to 98.70): VV009910.D (-876) (-)





#35

Trichloroethene

Concen: 1.310 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV009910.D

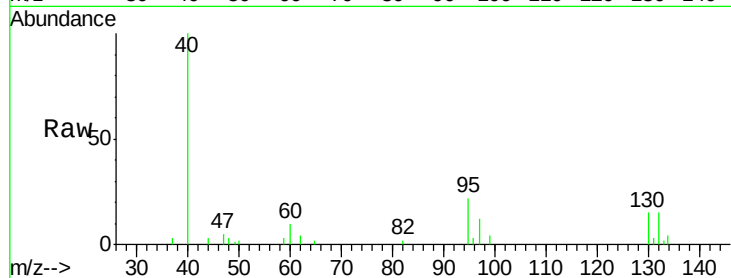
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Tgt Ion: 95 Resp: 2791

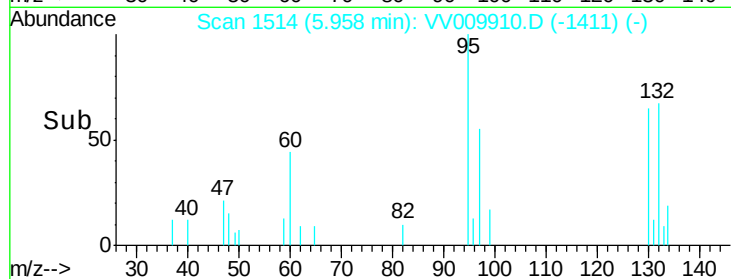
Ion Ratio Lower Upper

95 100

97 49.7 46.3 85.9

132 91.3 69.3 128.7

130 84.8 69.5 129.1



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

