

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032619\
 Data File : VV009900.D
 Acq On : 26 Mar 2019 18:10
 Operator : SY/MD
 Sample : K2083-14
 Misc : 5.55G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0J1

Quant Time: Mar 27 02:11:52 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	5.66	114	155326	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	153539	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63196	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79657	25.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.08%
7) Chloroethane-d5	1.58	69	84128	24.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.84%
10) 1,1-Dichloroethene-d2	2.13	63	171274	19.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.44%
20) 2-Butanone-d5	3.93	46	26131	44.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.98%
24) Chloroform-d	4.40	84	95286	24.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.32%
26) 1,2-Dichloroethane-d4	5.08	65	61115	25.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.64%
29) Benzene-d6	5.10	84	217087	26.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.68%
33) 1,2-Dichloropropane-d6	6.12	67	67586	28.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.60%
37) Toluene-d8	7.36	98	198599	26.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.08%
38) trans-1,3-Dichloropropene-	7.66	79	21744	22.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.12%
39) 2-Hexanone-d5	8.13	63	18554	42.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.28%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50921	21.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.20%
61) 1,2-Dichlorobenzene-d4	11.68	152	62243	25.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.48%

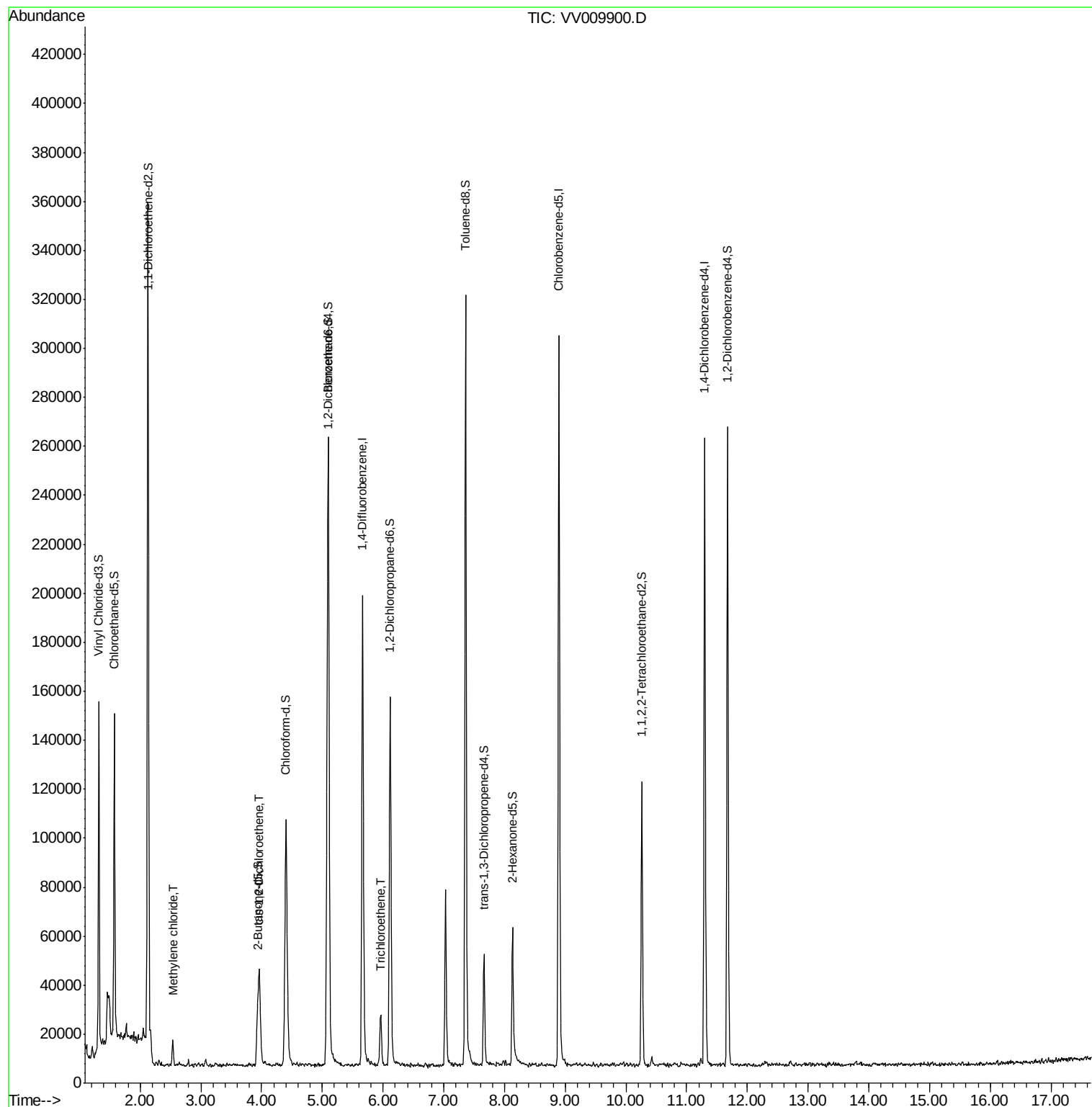
Target Compounds					Qvalue
16) Methylene chloride	2.54	84	3675	1.437 ug/L	91
22) cis-1,2-Dichloroethene	3.96	96	18015	8.017 ug/L	95
35) Trichloroethene	5.96	95	6362	2.861 ug/L	97

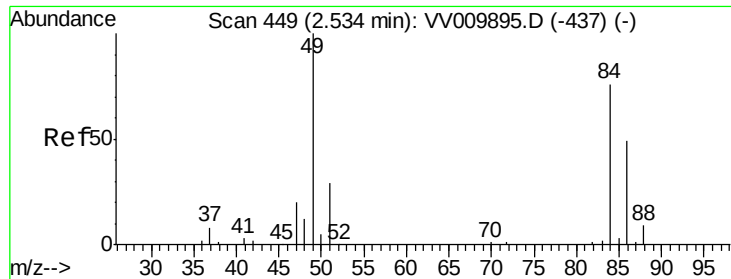
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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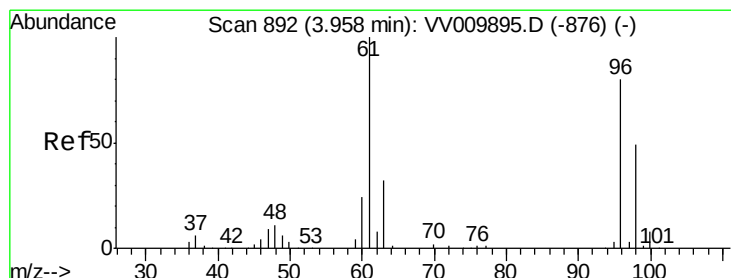
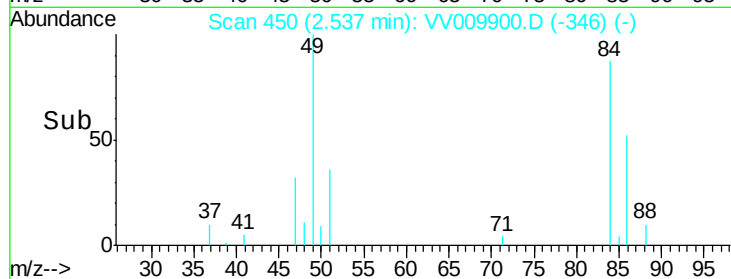
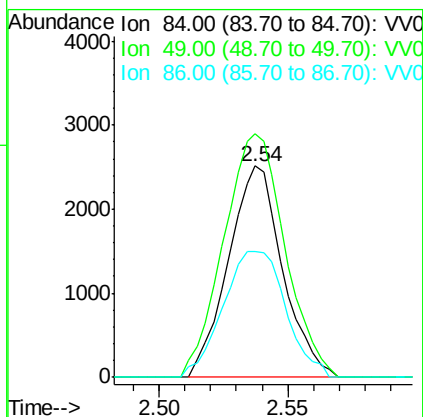
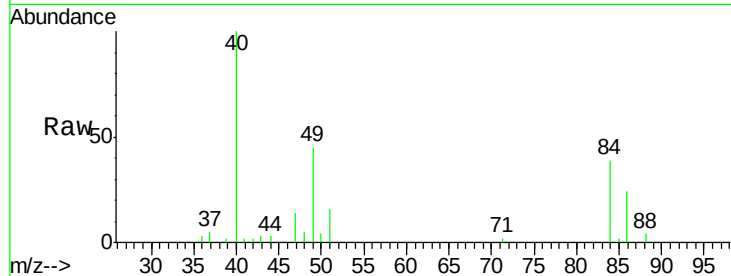




#16
Methylene chloride
Concen: 1.437 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009900.D
Acq: 26 Mar 2019 18:10

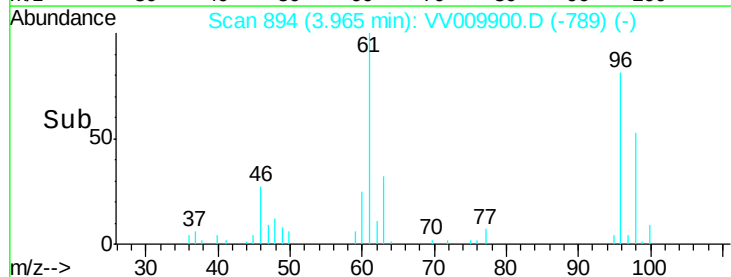
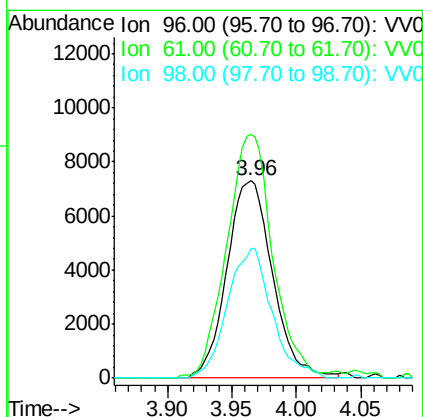
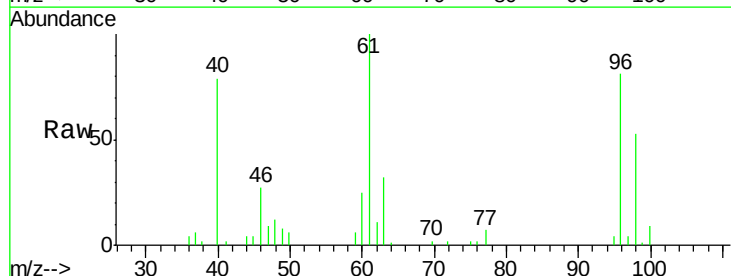
Instrument :
MSVOA_V
ClientSampled :
BF0J1

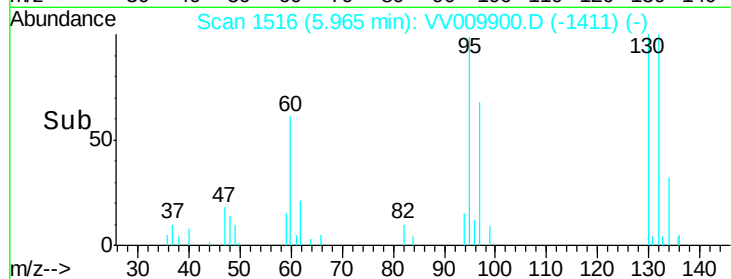
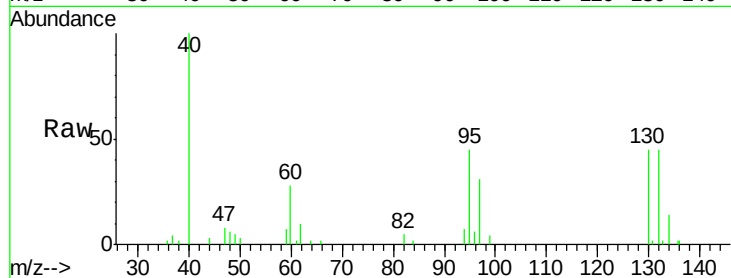
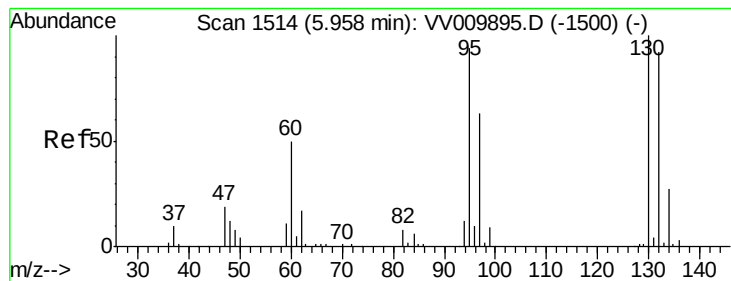
Tgt Ion: 84 Resp: 3675
Ion Ratio Lower Upper
84 100
49 115.1 90.4 167.8
86 59.8 44.0 81.6



#22
cis-1,2-Dichloroethene
Concen: 8.017 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.01 min
Lab File: VV009900.D
Acq: 26 Mar 2019 18:10

Tgt Ion: 96 Resp: 18015
Ion Ratio Lower Upper
96 100
61 123.5 91.4 169.8
98 65.5 48.0 89.2





#35

Trichloroethene

Concen: 2.861 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.01 min

Lab File: VV009900.D

Acq: 26 Mar 2019 18:10

Instrument :

MSVOA_V

ClientSampleId :

BF0J1

Tgt Ion: 95 Resp: 6362

Ion Ratio Lower Upper

95 100

97 65.2 46.3 85.9

132 101.0 69.3 128.7

130 105.6 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

