

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032619\
 Data File : VV009907.D
 Acq On : 26 Mar 2019 21:12
 Operator : SY/MD
 Sample : K2083-21
 Misc : 6.20G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0J8

Quant Time: Mar 27 02:42:59 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	151769	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	150135	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62228	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71265	23.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.56%
7) Chloroethane-d5	1.57	69	81774	24.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.32%
10) 1,1-Dichloroethene-d2	2.13	63	154224	18.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.24%
20) 2-Butanone-d5	3.93	46	27165	47.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.66%
24) Chloroform-d	4.40	84	95939	24.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.24%
26) 1,2-Dichloroethane-d4	5.08	65	60148	25.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.40%
29) Benzene-d6	5.10	84	209873	26.62	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.48%
33) 1,2-Dichloropropane-d6	6.12	67	63466	27.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.04%
37) Toluene-d8	7.36	98	178580	23.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.72%
38) trans-1,3-Dichloropropene-	7.66	79	20745	21.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.92%
39) 2-Hexanone-d5	8.13	63	19417	45.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.20%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	54063	23.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	62491	26.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.52%

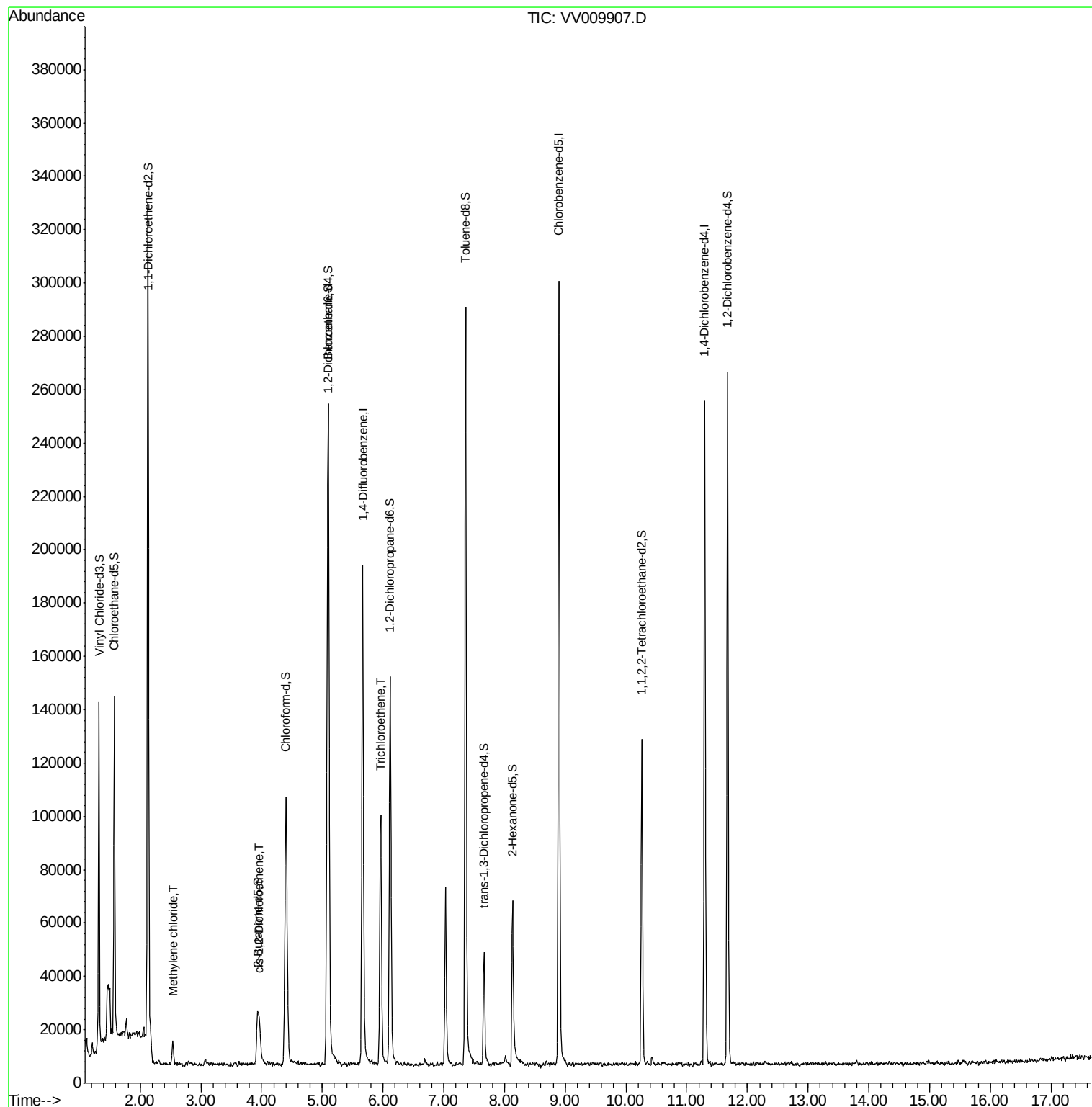
Target Compounds					Qvalue
16) Methylene chloride	2.53	84	3508	1.404 ug/L	98
22) cis-1,2-Dichloroethene	3.97	96	5875	2.676 ug/L	90
35) Trichloroethene	5.96	95	29616	13.619 ug/L	97

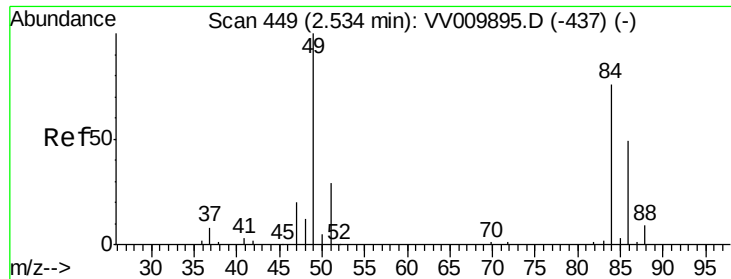
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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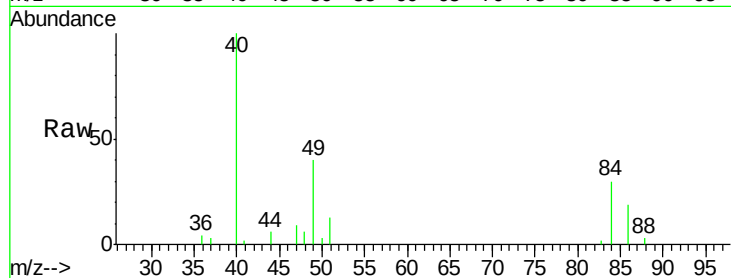




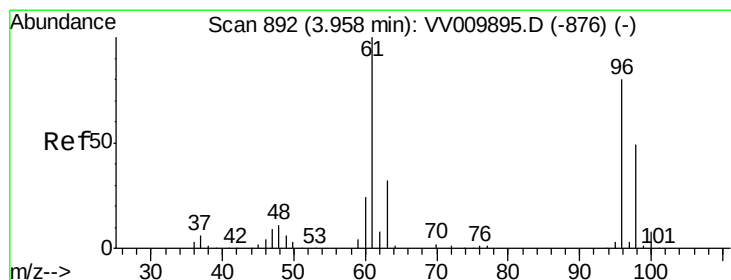
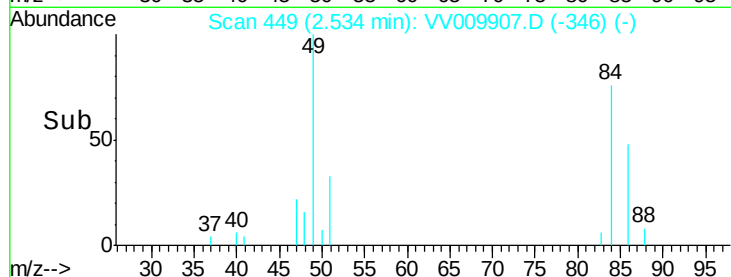
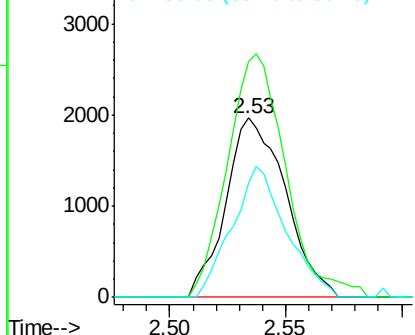
#16
Methylene chloride
Concen: 1.404 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV009907.D
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Tgt Ion: 84 Resp: 3508
Ion Ratio Lower Upper
84 100
49 131.3 90.4 167.8
86 63.4 44.0 81.6

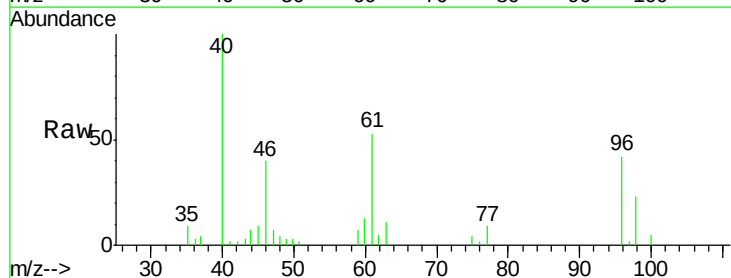


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

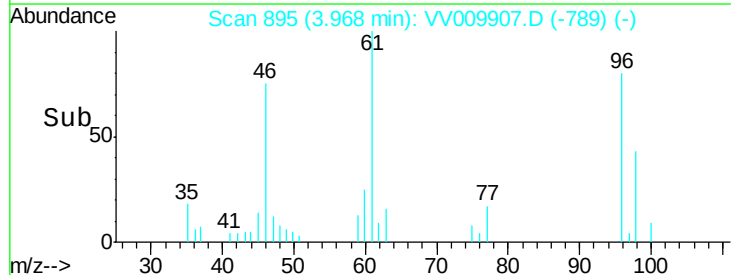
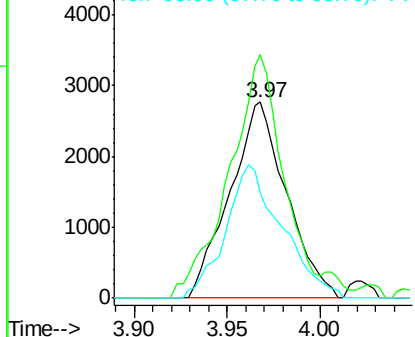


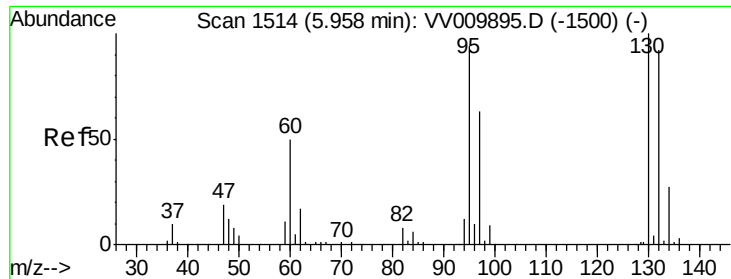
#22
cis-1,2-Dichloroethene
Concen: 2.676 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.01 min
Lab File: VV009907.D
Acq: 26 Mar 2019 21:12

Tgt Ion: 96 Resp: 5875
Ion Ratio Lower Upper
96 100
61 124.2 91.4 169.8
98 53.7 48.0 89.2



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0





#35

Trichloroethene

Concen: 13.619 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV009907.D

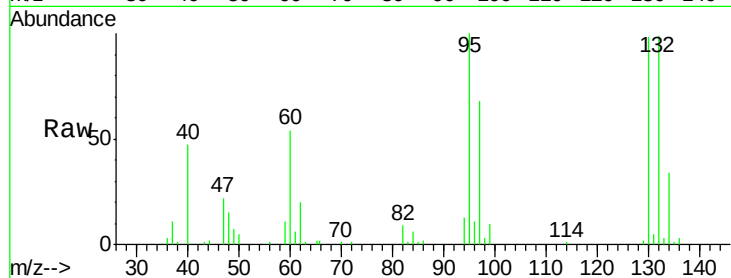
Acq: 26 Mar 2019 21:12

Instrument :

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ClientSampleId :

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Tgt Ion: 95 Resp: 29616

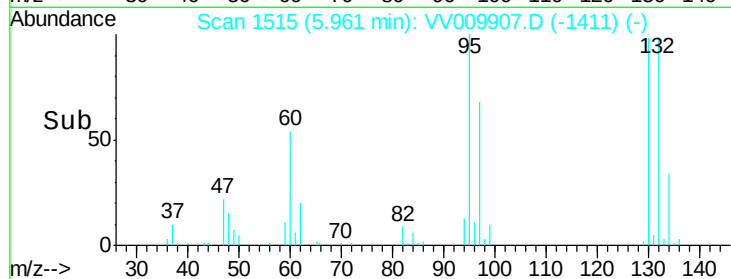
Ion Ratio Lower Upper

95 100

97 68.9 46.3 85.9

132 95.5 69.3 128.7

130 96.3 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

