

Data File : VV009942.D
Acq On : 27 Mar 2019 22:37
Operator : SY/MD
Sample : K2128-04
Misc : 5.24G/10mL/MSVOA_V/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0L9

Quant Time: Mar 28 07:42:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:17:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	137401	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	120946	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	38886	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66547	23.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.48%
7) Chloroethane-d5	1.56	69	76386	25.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.48%
10) 1,1-Dichloroethene-d2	2.12	63	148383	19.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.80%
20) 2-Butanone-d5	3.93	46	27901	53.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.40%
24) Chloroform-d	4.40	84	91880	26.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.08	65	56194	26.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.68%
29) Benzene-d6	5.10	84	189890	29.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.60%
33) 1,2-Dichloropropane-d6	6.12	67	58651	31.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.24%#
37) Toluene-d8	7.36	98	158257	26.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.28%
38) trans-1,3-Dichloropropene-	7.66	79	18403	24.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.84%
39) 2-Hexanone-d5	8.13	63	20164	58.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.26%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47772	25.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.88%
61) 1,2-Dichlorobenzene-d4	11.67	152	36838	24.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.52%

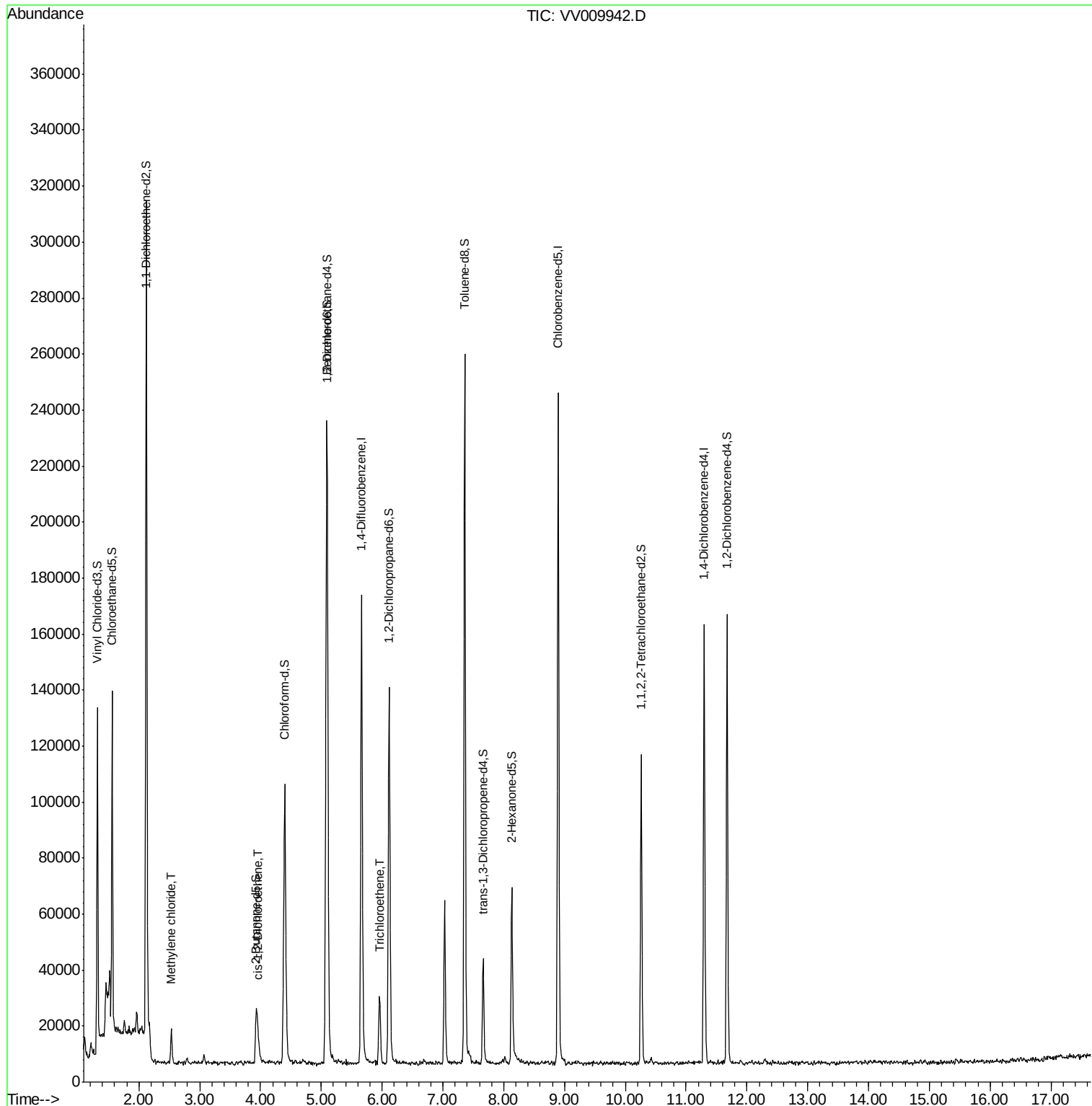
Target Compounds					Qvalue
16) Methylene chloride	2.53	84	4085	1.805 ug/L	85
22) cis-1,2-Dichloroethene	3.96	96	2821	1.419 ug/L	94
35) Trichloroethene	5.96	95	7776	4.439 ug/L	92

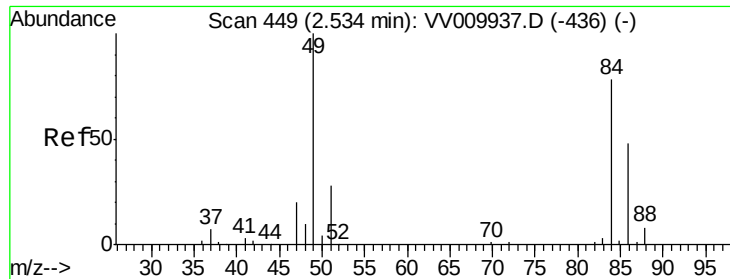
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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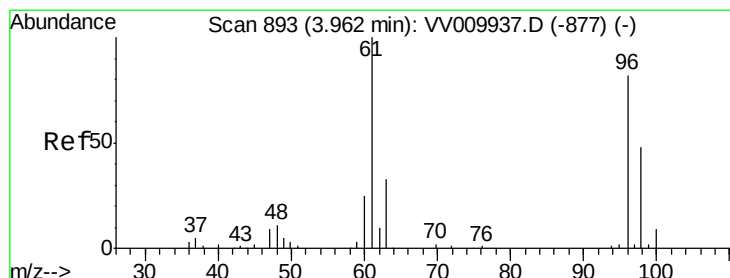
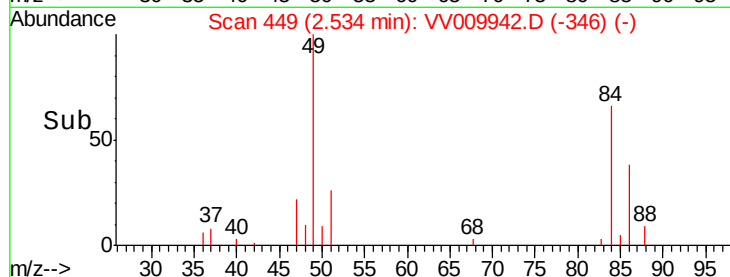
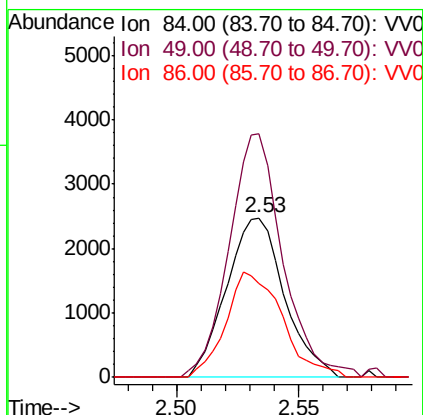
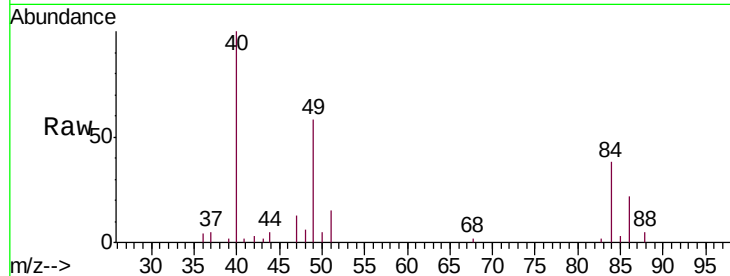




#16
Methylene chloride
Concen: 1.805 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV009942.D
Acq: 27 Mar 2019 22:37

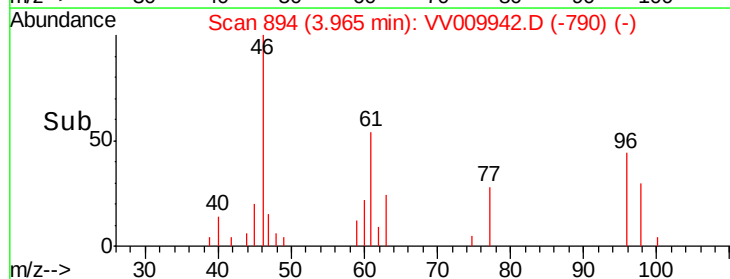
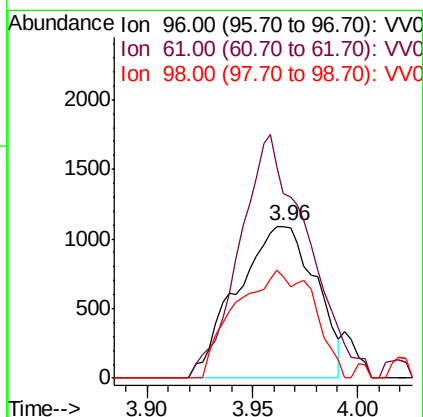
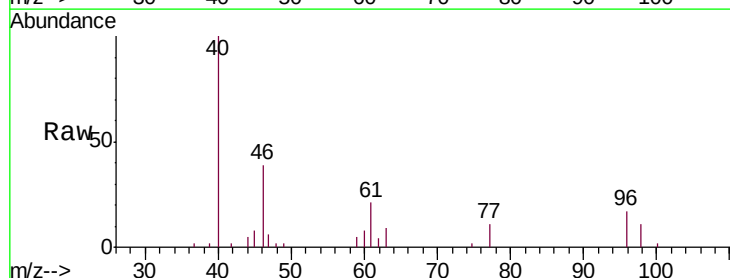
Instrument :
MSVOA_V
ClientSampled :
BF0L9

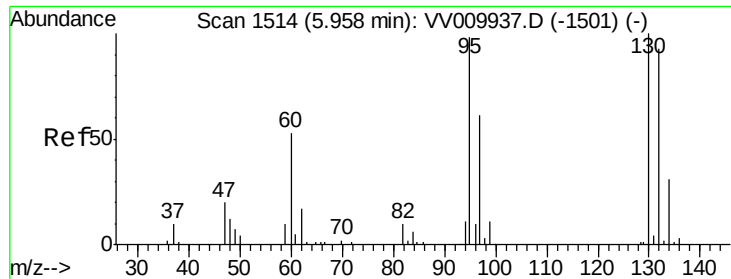
Tgt Ion: 84 Resp: 4085
Ion Ratio Lower Upper
84 100
49 152.5 90.4 167.8
86 58.7 44.0 81.6



#22
cis-1,2-Dichloroethene
Concen: 1.419 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.00 min
Lab File: VV009942.D
Acq: 27 Mar 2019 22:37

Tgt Ion: 96 Resp: 2821
Ion Ratio Lower Upper
96 100
61 122.1 91.4 169.8
98 66.6 48.0 89.2





#35

Trichloroethene

Concen: 4.439 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV009942.D

Acq: 27 Mar 2019 22:37

Instrument :
MSVOA_V
ClientSampleId :
BF0L9

Tgt Ion: 95 Resp: 7776

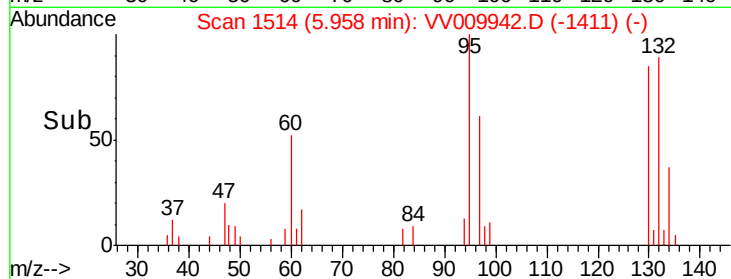
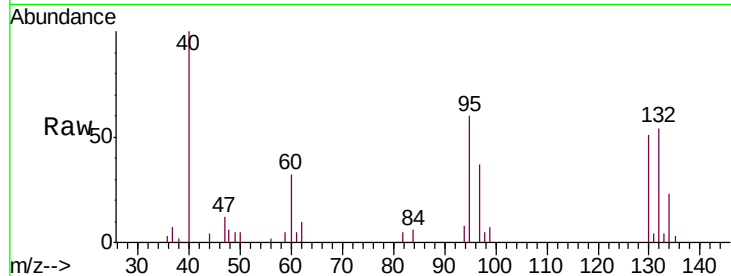
Ion Ratio Lower Upper

95 100

97 66.5 46.3 85.9

132 93.0 69.3 128.7

130 83.5 69.5 129.1



Abundance Ion 95.00 (94.70 to 95.70): VV009942.D (-1411) (-)

Ion 97.00 (96.70 to 97.70): VV009942.D (-1411) (-)

Ion 132.00 (131.70 to 132.70): VV009942.D (-1411) (-)

Ion 130.00 (129.70 to 130.70): VV009942.D (-1411) (-)

