

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121818\
 Data File : VV009040.D
 Acq On : 19 Dec 2018 03:47
 Operator : SY/MD
 Sample : J6419-13
 Misc : 5.07G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF041

Quant Time: Dec 19 08:12:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 19 07:18:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	79024	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	52532	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	11099	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17799	21.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.08%
7) Chloroethane-d5	1.58	69	20887	34.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	138.28%
10) 1,1-Dichloroethene-d2	2.13	63	33809	16.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.16%
20) 2-Butanone-d5	3.94	46	12602	42.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.66%
24) Chloroform-d	4.40	84	51368	27.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.16%
26) 1,2-Dichloroethane-d4	5.08	65	33963	32.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	131.04%#
29) Benzene-d6	5.10	84	94508	32.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	128.84%
33) 1,2-Dichloropropane-d6	6.12	67	30130	36.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	146.72%#
37) Toluene-d8	7.36	98	67551	24.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.52%
38) trans-1,3-Dichloropropene-	7.67	79	11270	31.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	124.92%
39) 2-Hexanone-d5	8.13	63	6594	43.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.64%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	18110	26.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.12%
61) 1,2-Dichlorobenzene-d4	11.68	152	9615	23.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.32%

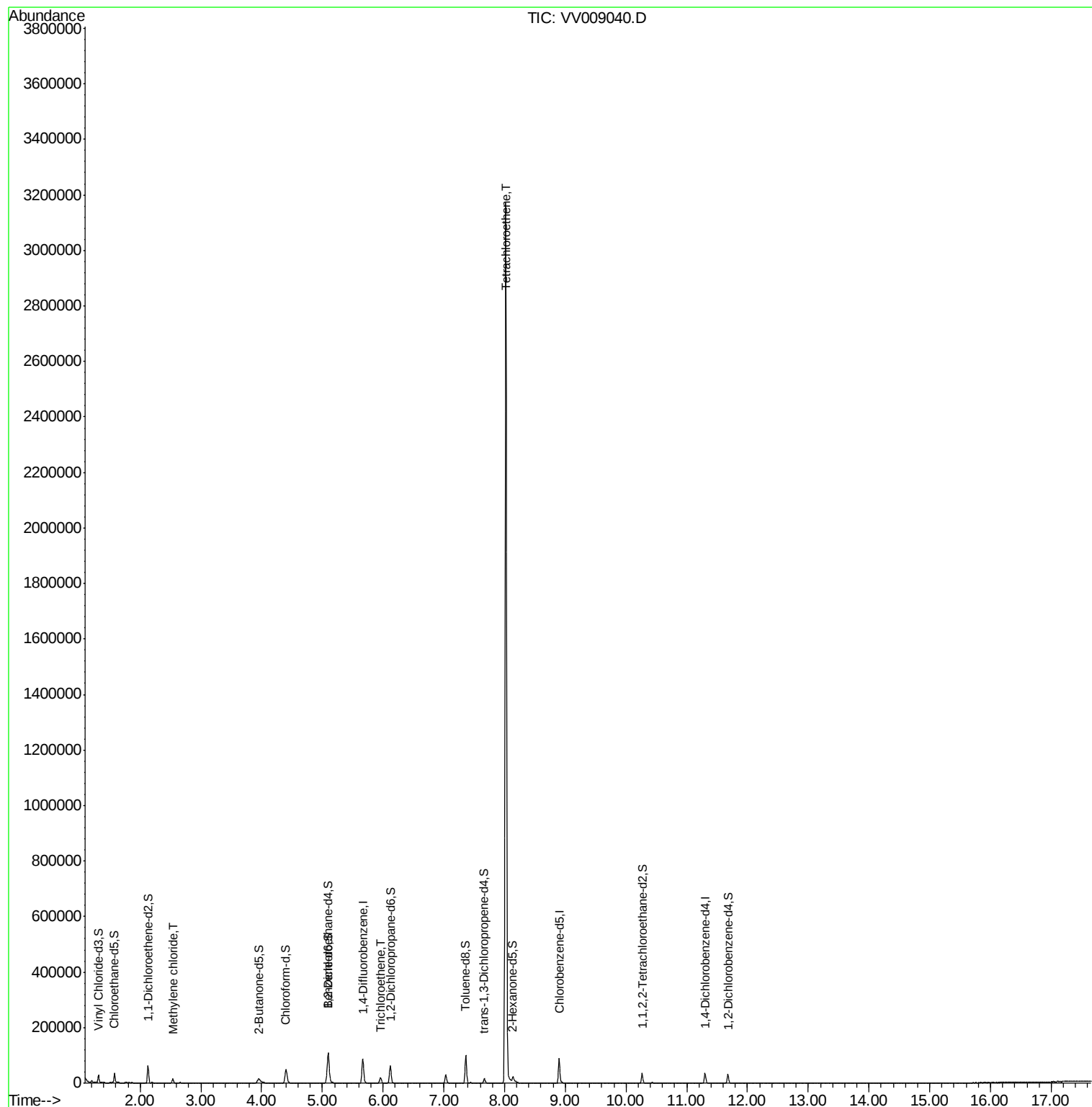
Target Compounds					Ovalue
16) Methylene chloride	2.54	84	6713	5.045 ug/L	99
35) Trichloroethene	5.96	95	5727	6.036 ug/L	96
47) Tetrachloroethene	8.02	164	716658	928.730 ug/L	98

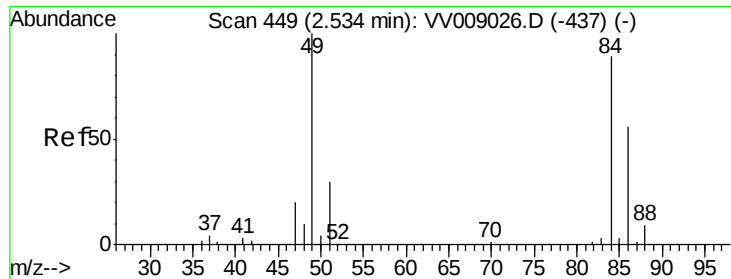
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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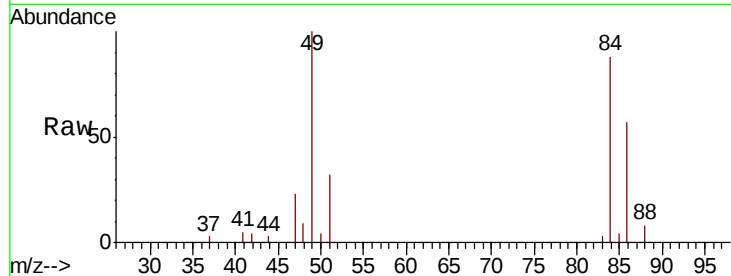




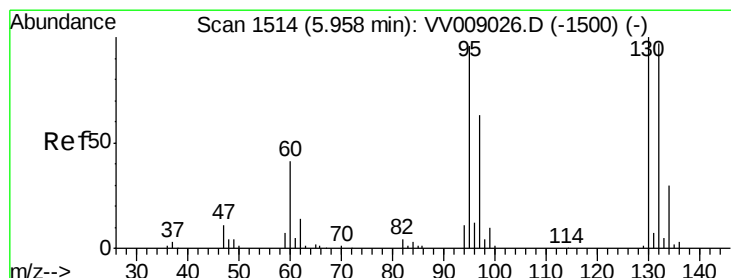
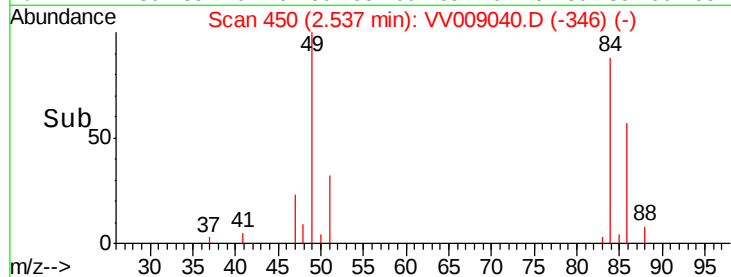
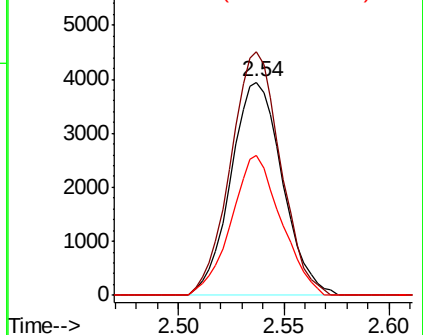
#16
Methvlene chloride
Concen: 5.045 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009040.D
Acq: 19 Dec 2018 03:47

Instrument :
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ClientSampleId :
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Tot Ion: 84 Resp: 6713
Ion Ratio Lower Upper
84 100
49 114.2 80.5 149.5
86 65.4 45.5 84.5

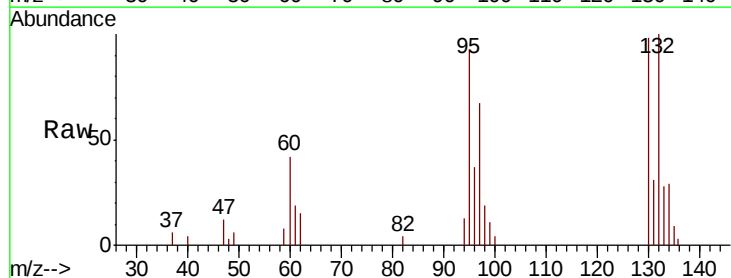


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

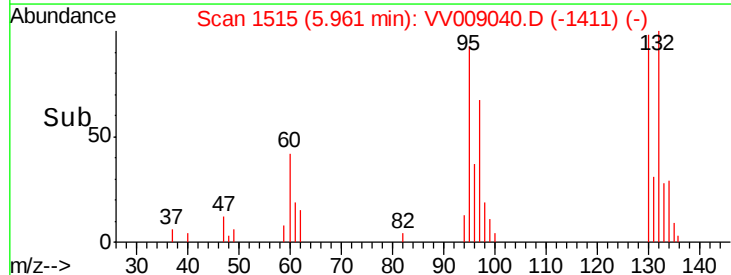
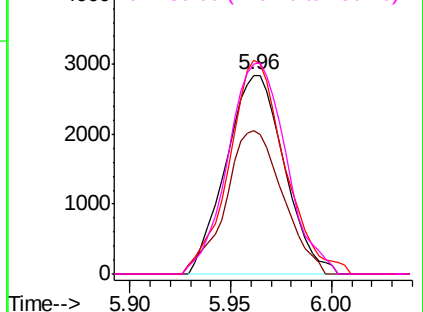


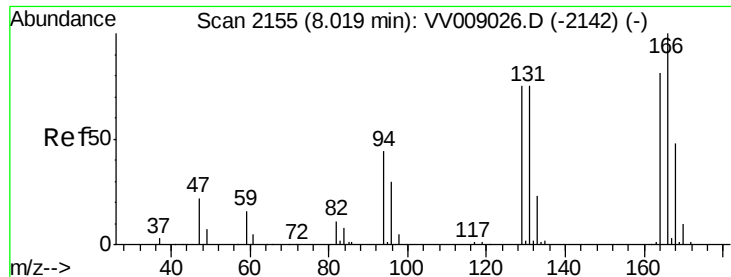
#35
Trichloroethene
Concen: 6.036 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV009040.D
Acq: 19 Dec 2018 03:47

Tgt Ion: 95 Resp: 5727
Ion Ratio Lower Upper
95 100
97 70.6 45.3 84.1
132 103.0 70.0 130.0
130 106.4 73.4 136.4



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): VV0
Ion 130.00 (129.70 to 130.70): VV0





#47

Tetrachloroethene

Concen: 928.730 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

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Tot Ion:164 Resp: 716658

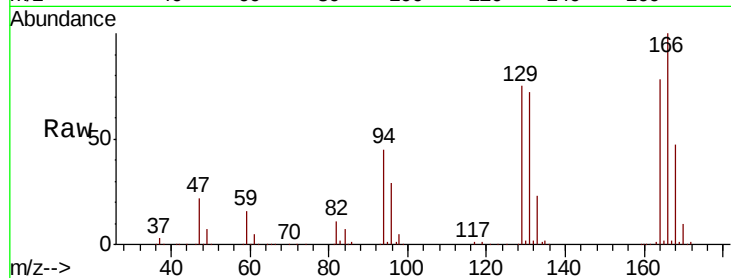
Ion Ratio Lower Upper

164 100

129 96.5 64.6 120.0

131 92.8 64.5 119.7

166 128.7 88.7 164.7



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

