

Data File : VV010010.D
Acq On : 29 Mar 2019 19:05
Operator : SY/MD
Sample : K2167-01
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF2L9

Quant Time: Mar 30 05:11:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 04:13:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	155591	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	156622	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66774	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	65443	20.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.92%
7) Chloroethane-d5	1.57	69	76065	22.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.24%
10) 1,1-Dichloroethene-d2	2.13	63	150862	17.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.88%
20) 2-Butanone-d5	3.94	46	26749	45.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.92%
24) Chloroform-d	4.40	84	80691	20.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.44%
26) 1,2-Dichloroethane-d4	5.08	65	58482	24.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.04%
29) Benzene-d6	5.10	84	191317	23.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.04%
33) 1,2-Dichloropropane-d6	6.12	67	57626	23.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.80%
37) Toluene-d8	7.36	98	165690	21.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.12%
38) trans-1,3-Dichloropropene-	7.66	79	19820	20.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.52%
39) 2-Hexanone-d5	8.13	63	19358	43.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.20%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	49210	20.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.60%
61) 1,2-Dichlorobenzene-d4	11.67	152	60032	23.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.44%

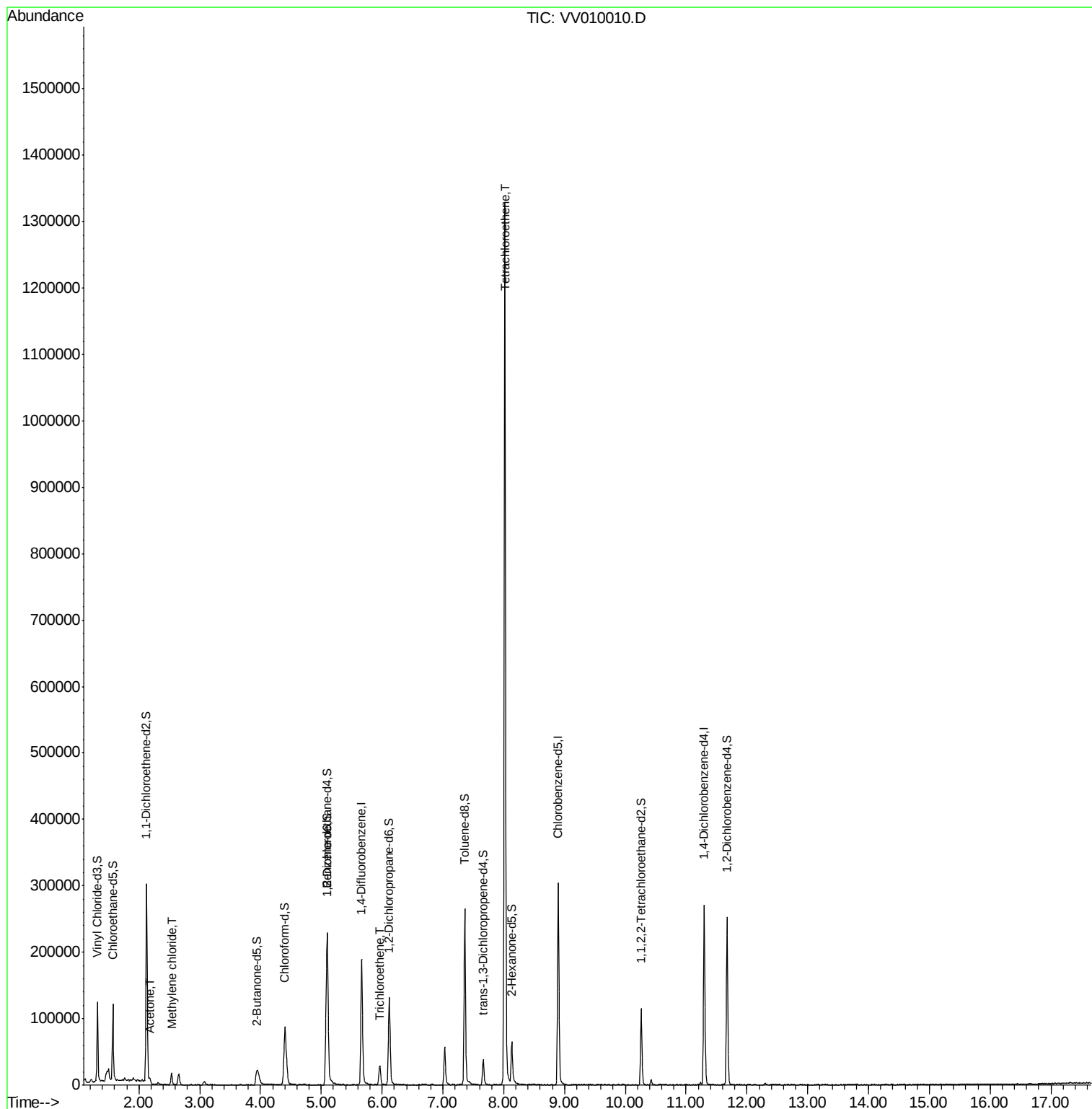
Target Compounds					Qvalue
13) Acetone	2.19	43	3382	3.797 ug/L	94
16) Methylene chloride	2.53	84	6560	2.560 ug/L	98
35) Trichloroethene	5.96	95	9093	4.008 ug/L	98
47) Tetrachloroethene	8.02	164	255978	142.989 ug/L	96

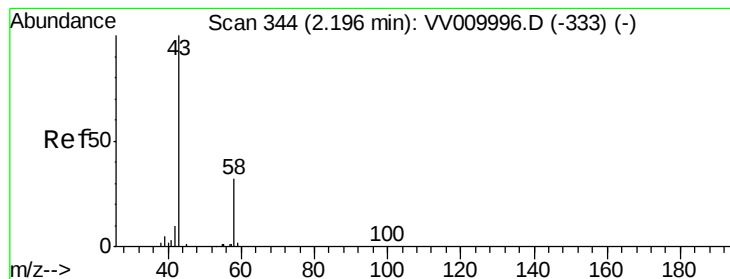
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.797 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.01 min

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MSVOA_V

ClientSampleId :

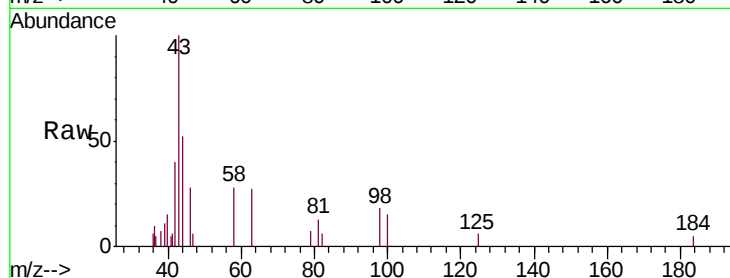
BF2L9

Tgt Ion: 43 Resp: 3382

Ion Ratio Lower Upper

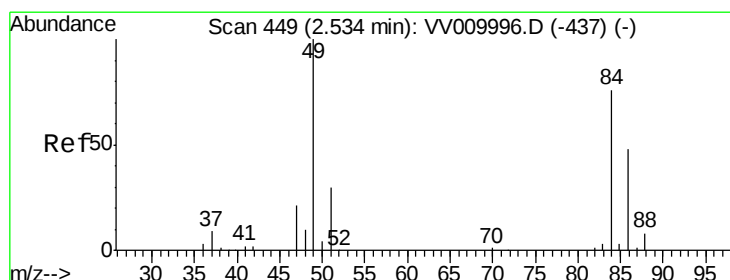
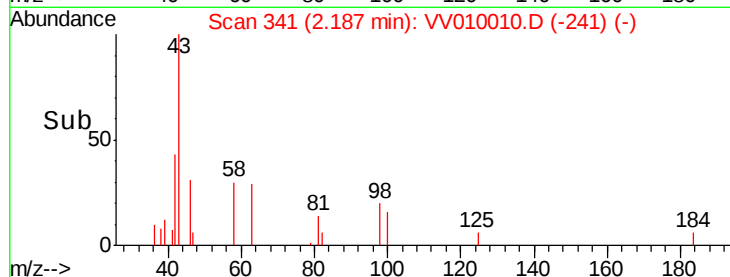
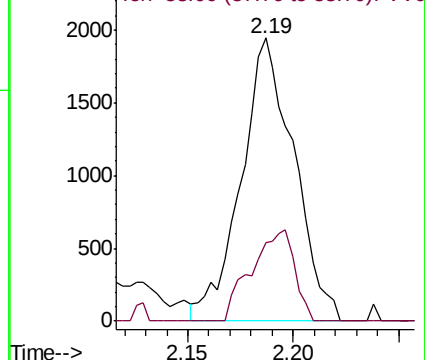
43 100

58 26.3 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 2.560 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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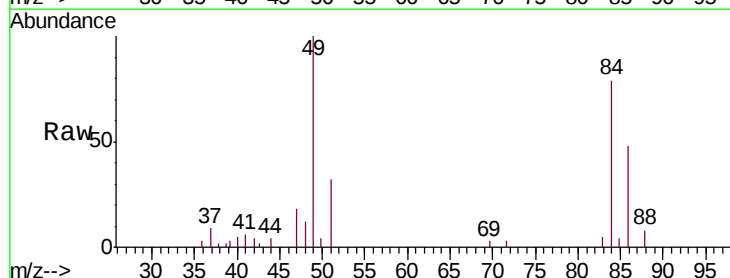
Tgt Ion: 84 Resp: 6560

Ion Ratio Lower Upper

84 100

49 127.3 90.4 167.8

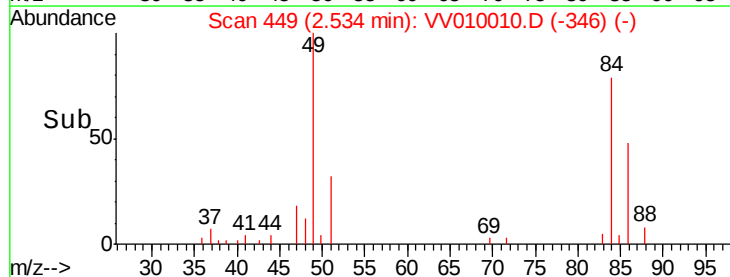
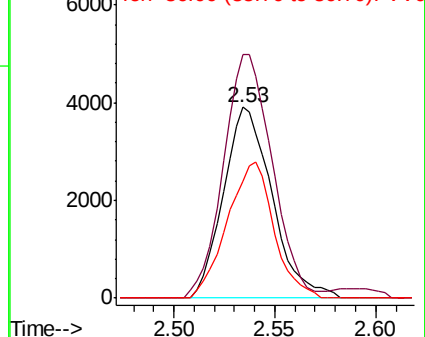
86 60.9 44.0 81.6

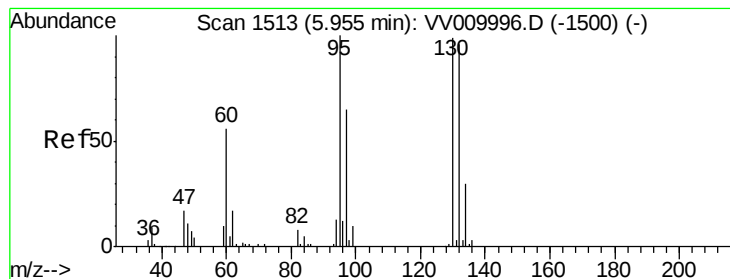


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0





#35

Trichloroethene

Concen: 4.008 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

BF2L9

Tgt Ion: 95 Resp: 9093

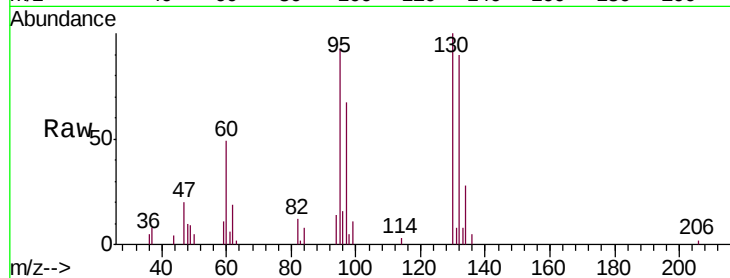
Ion Ratio Lower Upper

95 100

97 68.5 46.3 85.9

132 96.9 69.3 128.7

130 100.3 69.5 129.1

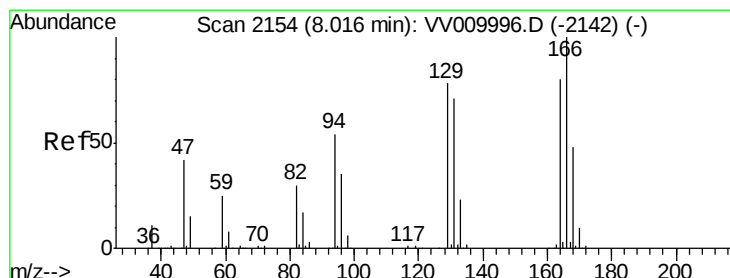
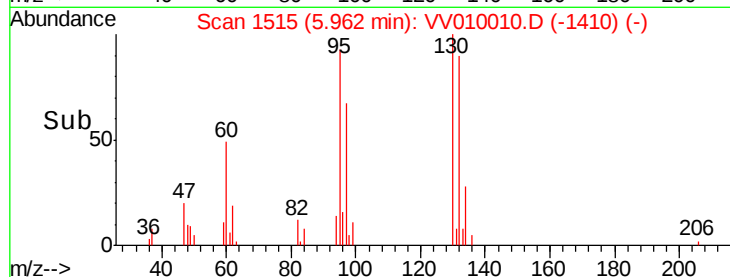
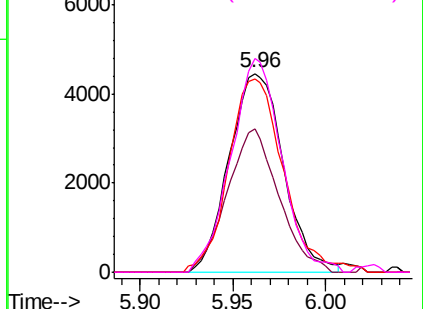


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#47

Tetrachloroethene

Concen: 142.989 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

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Acq: 29 Mar 2019 19:05

Tgt Ion: 164 Resp: 255978

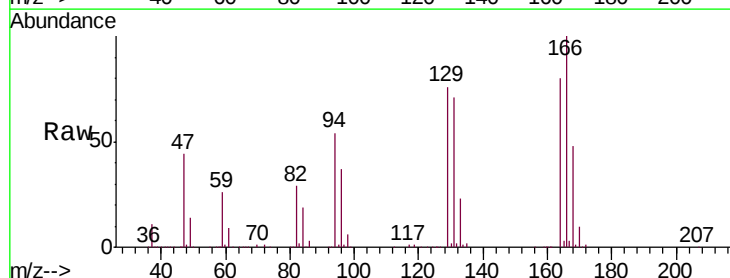
Ion Ratio Lower Upper

164 100

129 95.5 64.9 120.5

131 89.5 62.0 115.2

166 125.4 82.9 153.9



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

