

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010719\
 Data File : VV009184.D
 Acq On : 07 Jan 2019 15:47
 Operator : SY/MD
 Sample : K1051-13
 Misc : 6.82G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9Y1

Quant Time: Jan 08 00:49:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 08 00:28:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	205057	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	192329	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	96100	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27897	19.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.60%
7) Chloroethane-d5	1.58	69	29341	21.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.28%
10) 1,1-Dichloroethene-d2	2.13	63	68903	14.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.80%
20) 2-Butanone-d5	3.96	46	30531	30.94	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.88%
24) Chloroform-d	4.40	84	99048	22.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.76%
26) 1,2-Dichloroethane-d4	5.08	65	53641	23.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.88%
29) Benzene-d6	5.10	84	195171	22.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.08%
33) 1,2-Dichloropropane-d6	6.12	67	57534	23.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.68%
37) Toluene-d8	7.36	98	172721	21.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.48%
38) trans-1,3-Dichloropropene-	7.67	79	24275	20.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.28%
39) 2-Hexanone-d5	8.14	63	18021	31.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.16%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	54469	20.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	75306	23.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.76%

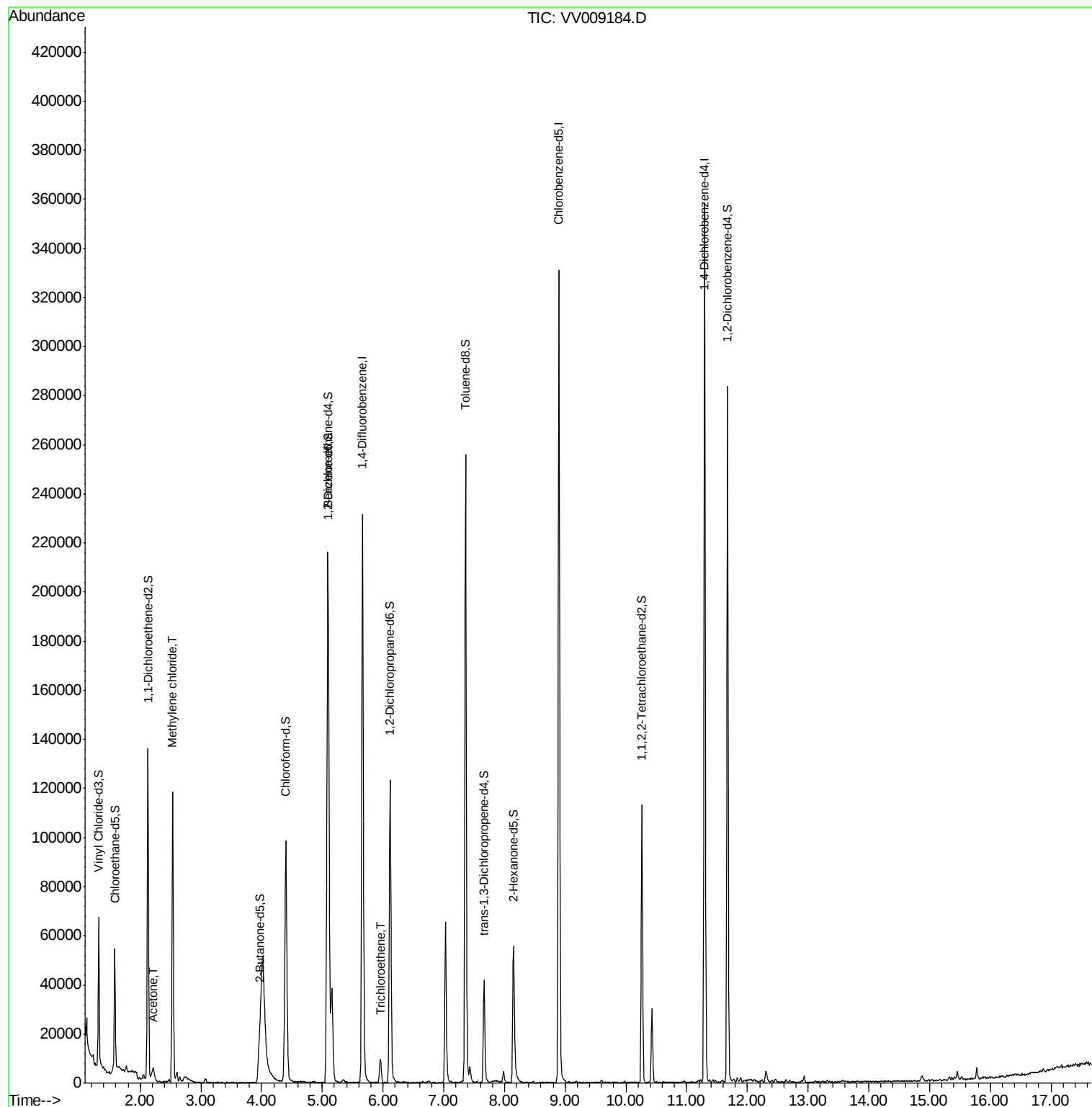
Target Compounds					Ovalue
13) Acetone	2.21	43	9525	6.811 ug/L	97
16) Methylene chloride	2.54	84	51285	16.741 ug/L	96
35) Trichloroethene	5.96	95	3065	1.029 ug/L	92

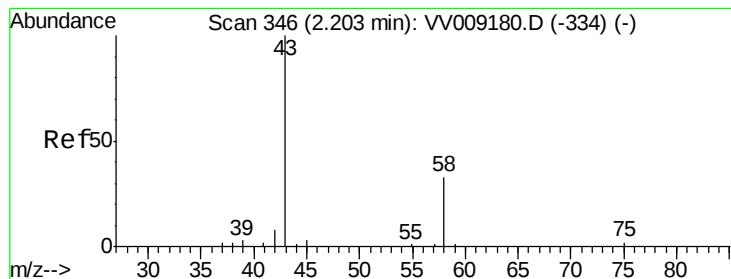
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.811 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.01 min

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Acq: 07 Jan 2019 15:47

Instrument :

MSVOA_V

ClientSampled :

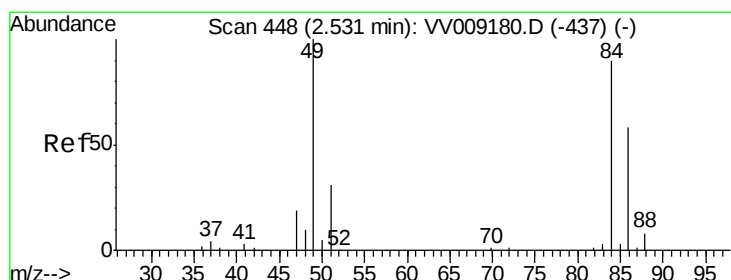
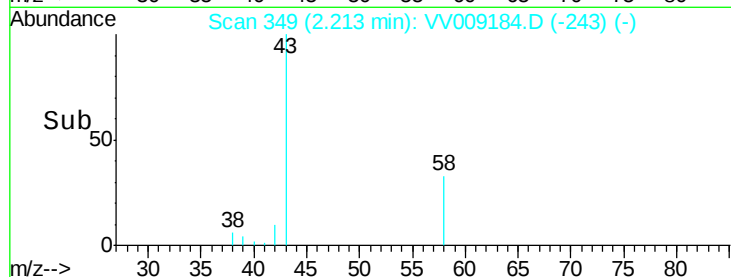
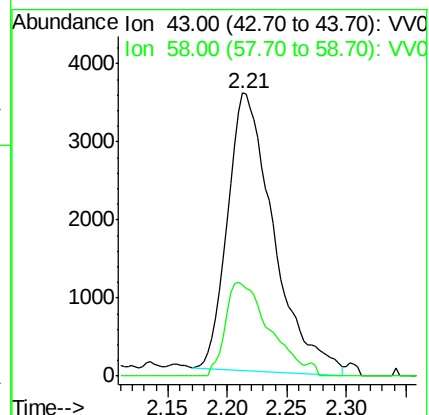
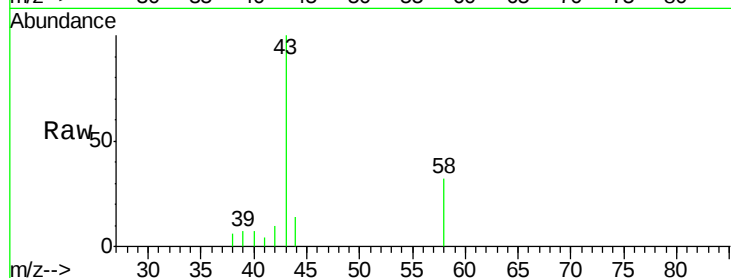
BE9Y1

Tot Ion: 43 Resp: 9525

Ion Ratio Lower Upper

43 100

58 31.8 0.0 67.0



#16

Methylene chloride

Concen: 16.741 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.01 min

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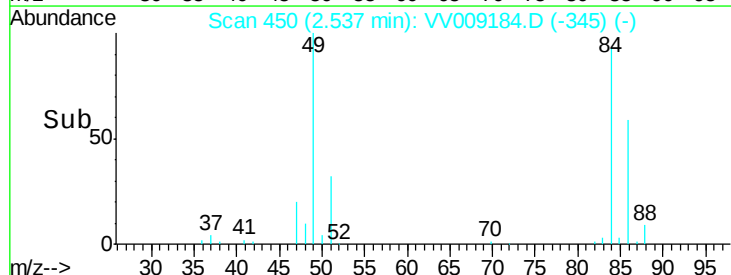
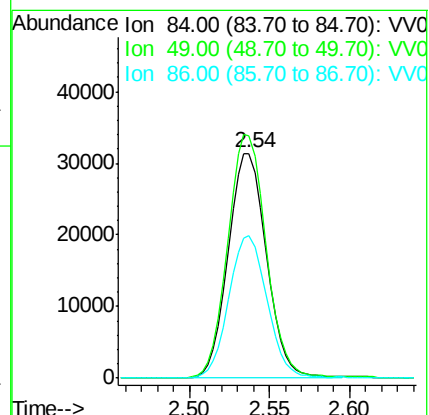
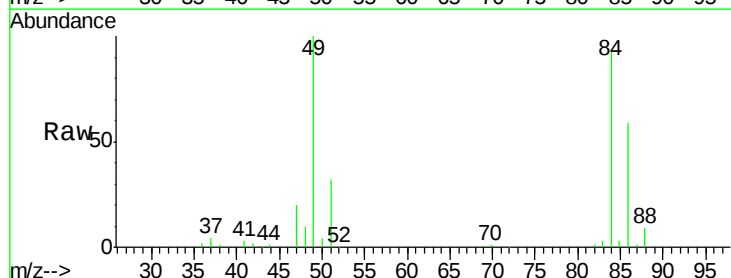
Tgt Ion: 84 Resp: 51285

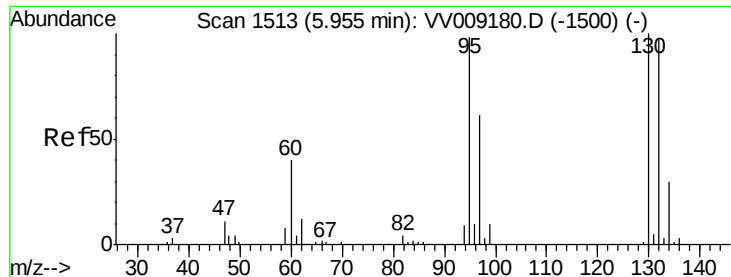
Ion Ratio Lower Upper

84 100

49 108.0 77.6 144.2

86 63.5 47.4 88.0





#35

Trichloroethene

Concen: 1.029 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

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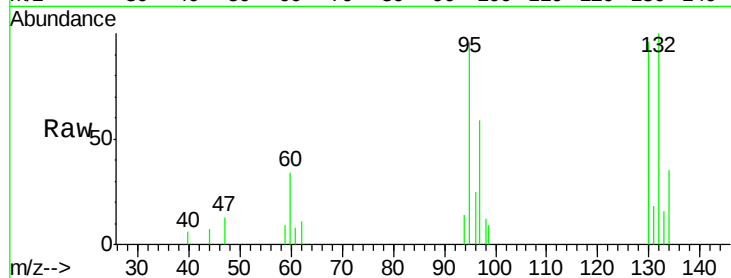
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Tot Ion: 95 Resp: 3065

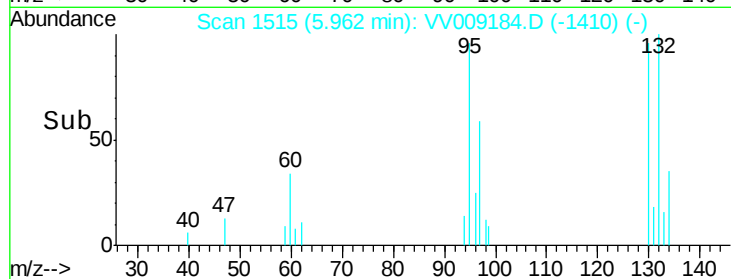
Ion Ratio Lower Upper

95 100

97 61.6 46.2 85.8

132 102.4 73.9 137.3

130 96.0 77.0 143.0



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

