

Data File : VV009186.D
Acq On : 07 Jan 2019 16:56
Operator : SY/MD
Sample : K1050-09
Misc : 5.76G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BE9W6

Quant Time: Jan 08 00:31:40 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	252942	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	234903	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	114452	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35503	20.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.12%
7) Chloroethane-d5	1.58	69	35915	21.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.60%
10) 1,1-Dichloroethene-d2	2.13	63	93102	16.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.40%
20) 2-Butanone-d5	3.96	46	46956	38.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.16%
24) Chloroform-d	4.40	84	133138	25.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.08	65	76568	26.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.48%
29) Benzene-d6	5.10	84	259483	24.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.16%
33) 1,2-Dichloropropane-d6	6.12	67	79615	26.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.12%
37) Toluene-d8	7.36	98	231266	23.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.68%
38) trans-1,3-Dichloropropene-	7.67	79	34674	24.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.40%
39) 2-Hexanone-d5	8.14	63	29460	41.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.20%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	80867	24.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.08%
61) 1,2-Dichlorobenzene-d4	11.68	152	100052	25.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.44%

Target Compounds

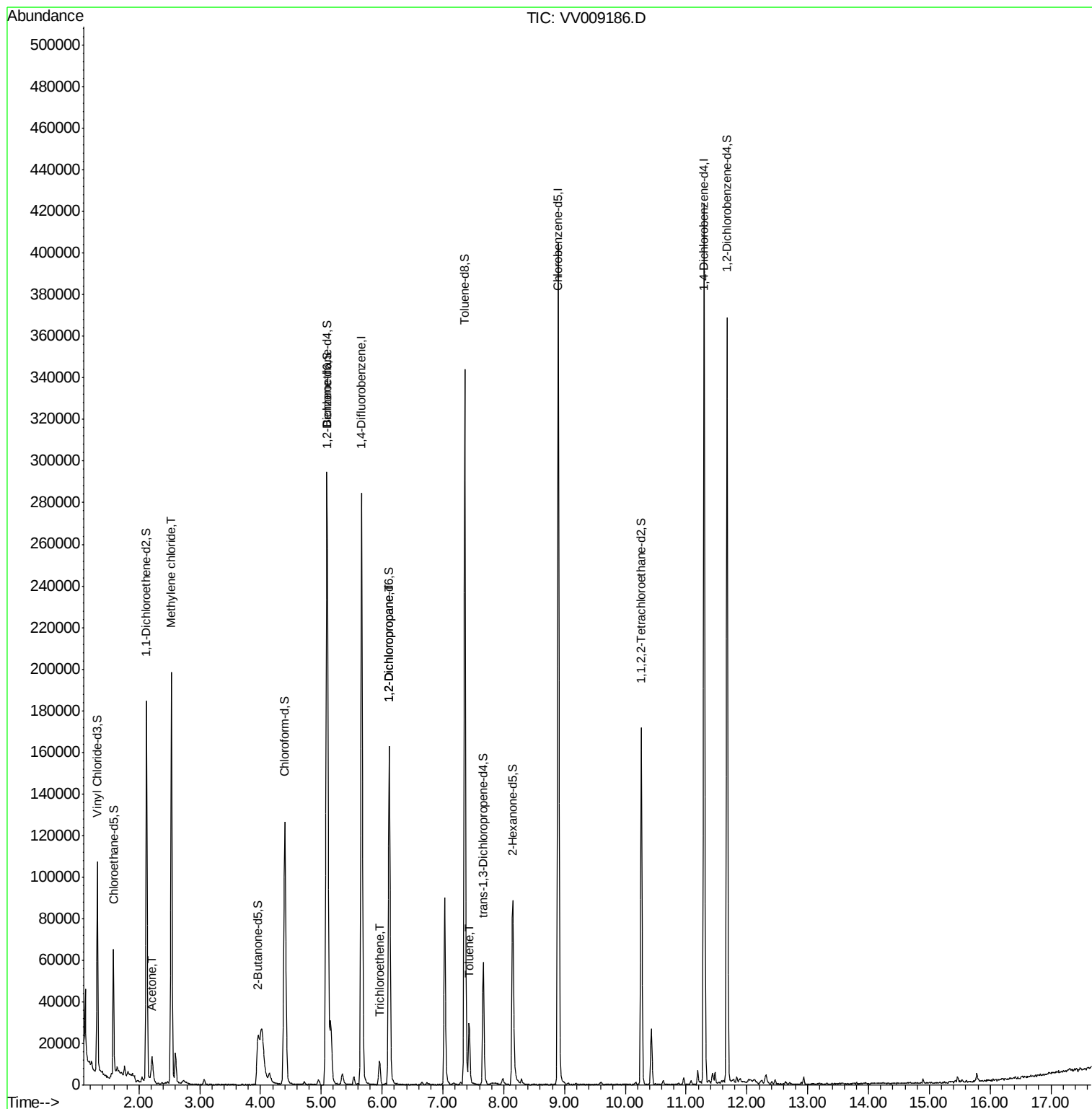
					Qvalue
13) Acetone	2.21	43	20976	12.160 ug/L	95
16) Methylene chloride	2.53	84	83816	22.180 ug/L	98
35) Trichloroethene	5.96	95	3232	0.888 ug/L	96
40) 1,2-Dichloropropane	6.12	63	8691	2.855 ug/L #	85
44) Toluene	7.43	91	21519	1.581 ug/L	99

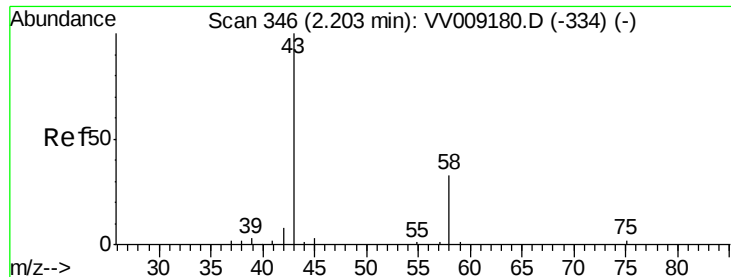
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.160 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

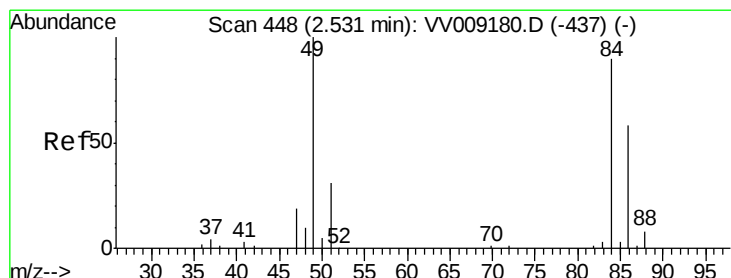
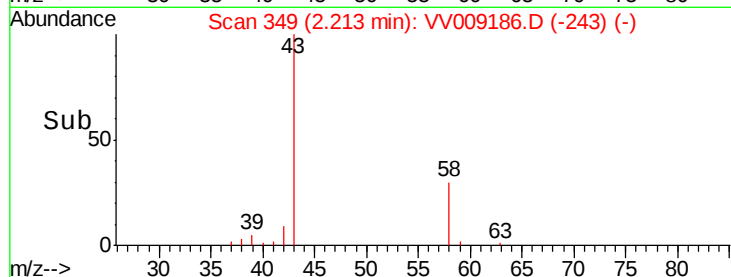
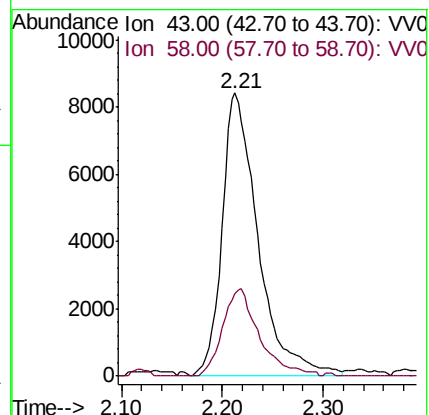
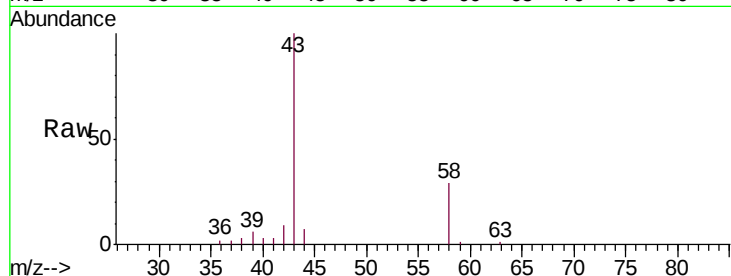
BE9W6

Tgt Ion: 43 Resp: 20976

Ion Ratio Lower Upper

43 100

58 30.4 0.0 67.0



#16

Methylene chloride

Concen: 22.180 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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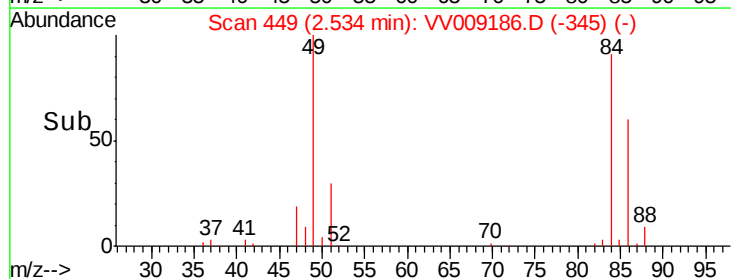
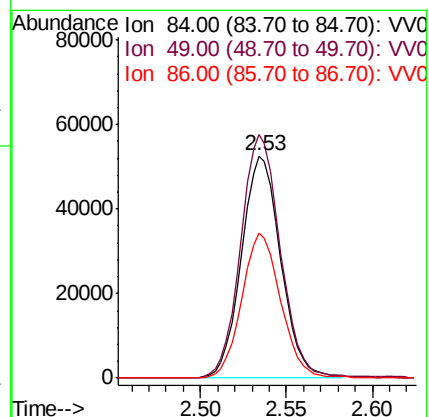
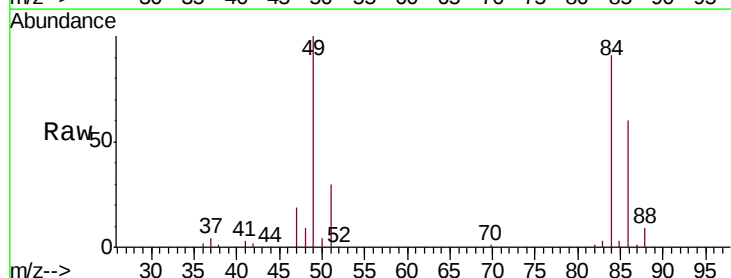
Tgt Ion: 84 Resp: 83816

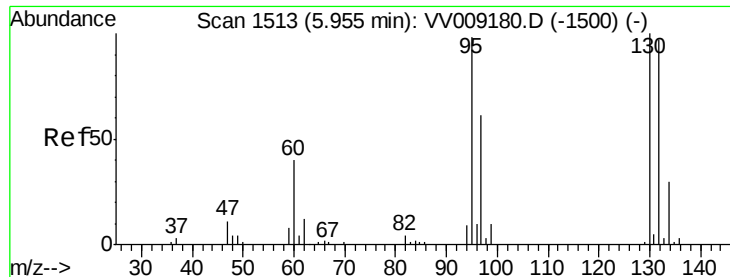
Ion Ratio Lower Upper

84 100

49 109.5 77.6 144.2

86 65.3 47.4 88.0





#35

Trichloroethene

Concen: 0.888 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

BE9W6

Tgt Ion: 95 Resp: 3232

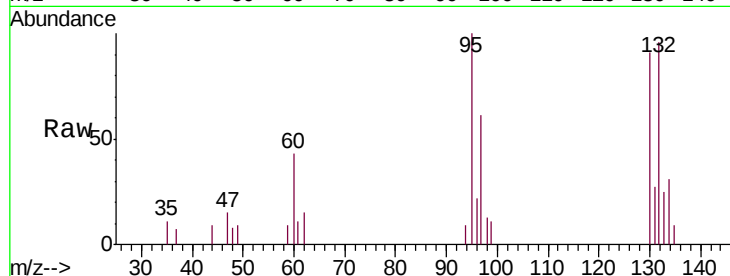
Ion Ratio Lower Upper

95 100

97 66.6 46.2 85.8

132 104.1 73.9 137.3

130 100.4 77.0 143.0

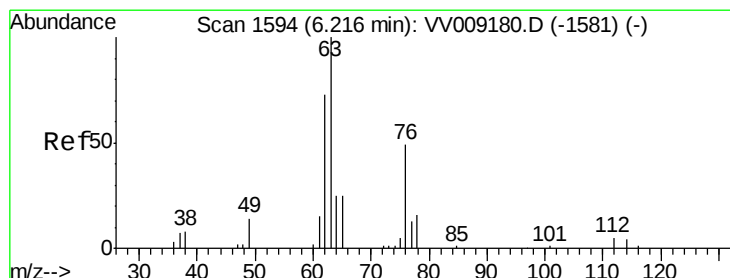
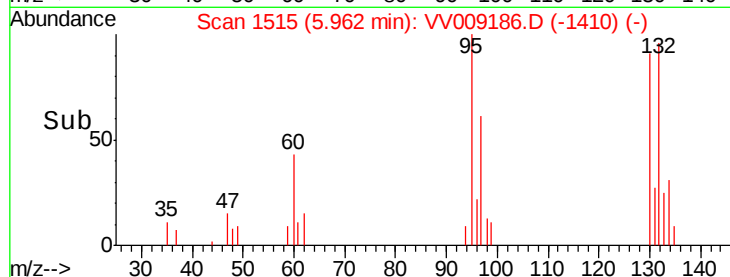
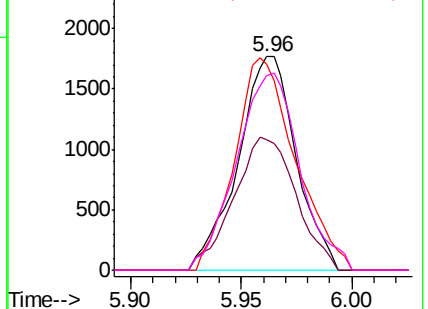


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#40

1,2-Dichloropropane

Concen: 2.855 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

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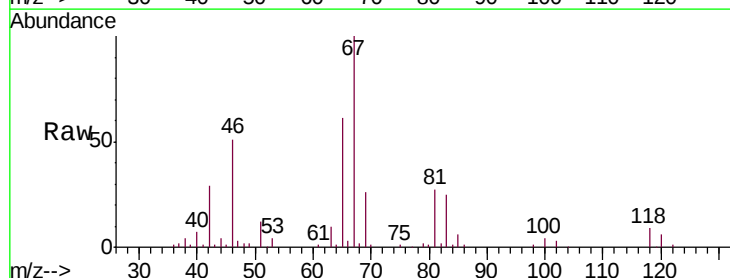
Acq: 07 Jan 2019 16:56

Tgt Ion: 63 Resp: 8691

Ion Ratio Lower Upper

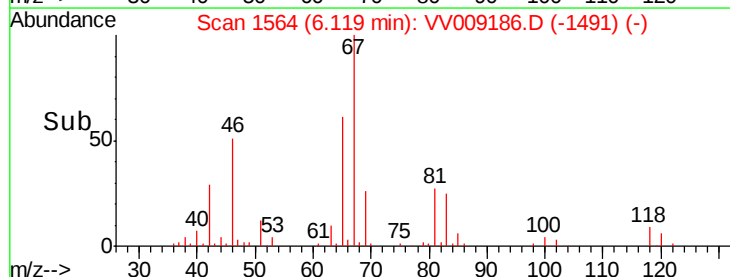
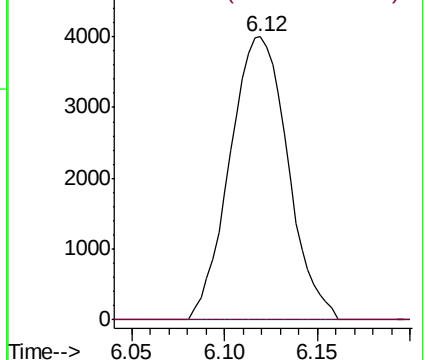
63 100

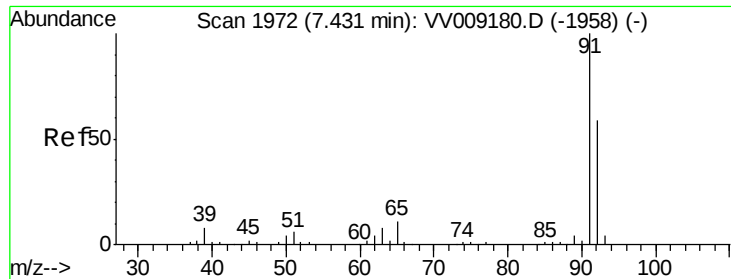
112 0.0 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V





#44

Toluene

Concen: 1.581 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

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Instrument :

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Tgt Ion: 91 Resp: 21519

Ion Ratio Lower Upper

91 100

92 60.1 41.7 77.5

