

Data File : VV009987.D
Acq On : 29 Mar 2019 01:49
Operator : SY/MD
Sample : K2122-09
Misc : 5.16G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5D0

Quant Time: Mar 29 04:24:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 04:20:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	168288	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	151969	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51714	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	70316	20.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.36%
7) Chloroethane-d5	1.57	69	83493	22.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.56%
10) 1,1-Dichloroethene-d2	2.12	63	73779	7.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	31.60%#
20) 2-Butanone-d5	3.93	46	20361	32.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.00%
24) Chloroform-d	4.40	84	106043	24.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.92%
26) 1,2-Dichloroethane-d4	5.08	65	65218	25.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.12%
29) Benzene-d6	5.09	84	219179	27.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.84%
33) 1,2-Dichloropropane-d6	6.11	67	66304	28.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.60%
37) Toluene-d8	7.36	98	184945	24.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.92%
38) trans-1,3-Dichloropropene-	7.66	79	19317	20.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.88%
39) 2-Hexanone-d5	8.13	63	13526	31.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.08%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	45987	19.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.56%
61) 1,2-Dichlorobenzene-d4	11.67	152	49431	25.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.44%

Target Compounds

					Qvalue
13) Acetone	2.18	43	5314	5.515 ug/L	94
16) Methylene chloride	2.53	84	16687	6.021 ug/L	98
21) 2-Butanone	3.99	43	1852	2.158 ug/L #	58
25) Chloroform	4.41	83	3864	0.867 ug/L #	1
59) 1,2,3-Trichloropropane	11.30	75	8282	4.936 ug/L	96

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

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ALS Vial      : 1      Sample Multiplier: 1
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MSVOA_V
ClientSampleId :
BF5D0

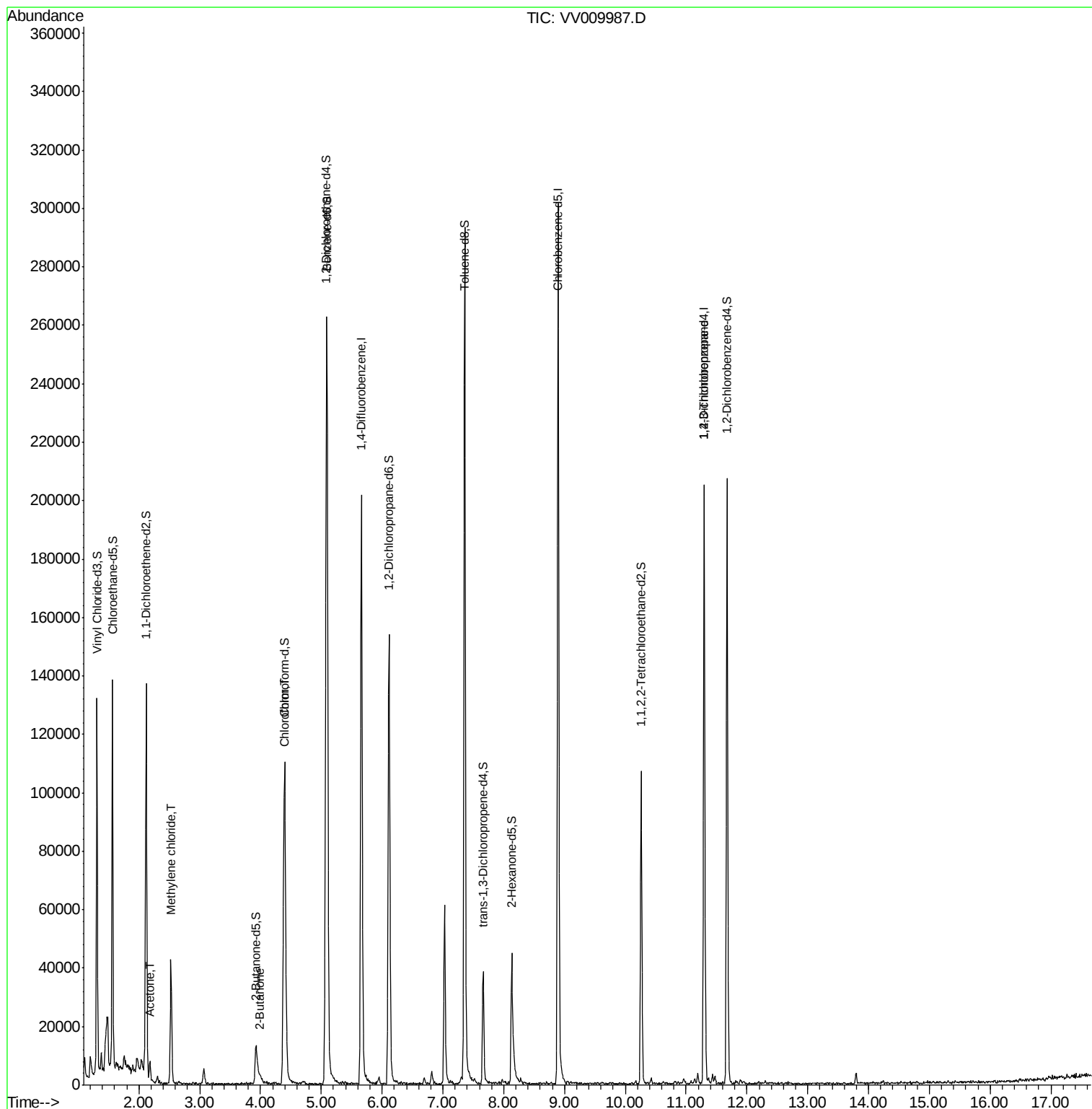
Quant Time: Mar 29 04:24:36 2019

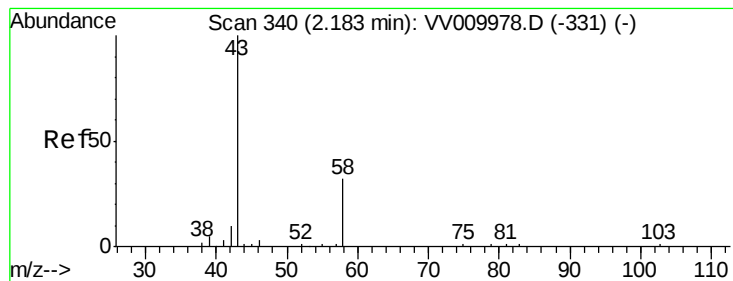
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\S0M2VLM032619S.M

Quant Title : VOC Analysis

QLast Update : Fri Mar 29 04:20:29 2019

Response via : Initial Calibration





#13

Acetone

Concen: 5.515 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.00 min

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Acq: 29 Mar 2019 01:49

Instrument :

MSVOA_V

ClientSampleId :

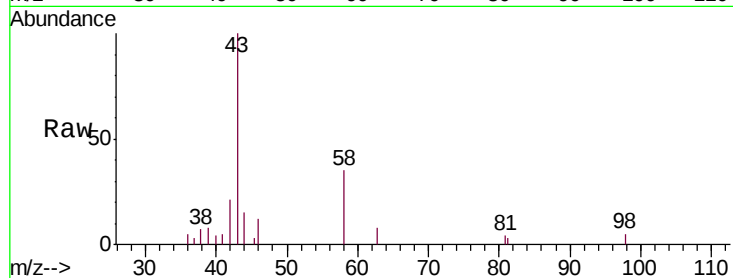
BF5D0

Tgt Ion: 43 Resp: 5314

Ion Ratio Lower Upper

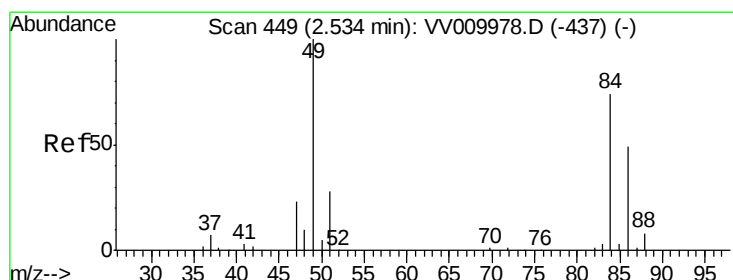
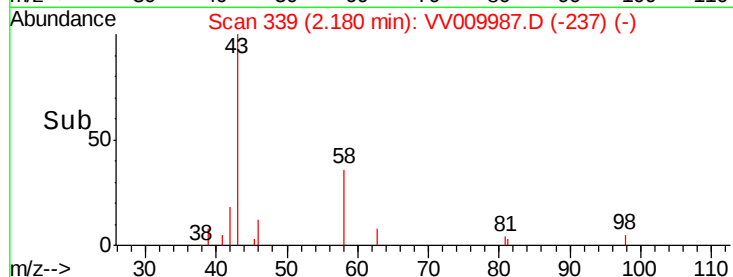
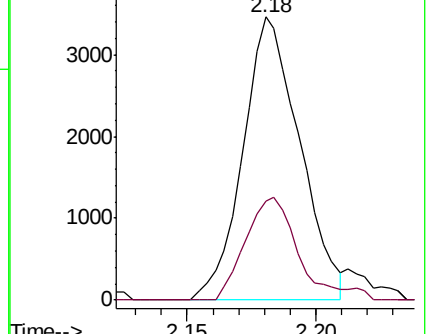
43 100

58 32.7 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV009987.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV009987.D (-331) (-)



#16

Methylene chloride

Concen: 6.021 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.01 min

Lab File: VV009987.D

Acq: 29 Mar 2019 01:49

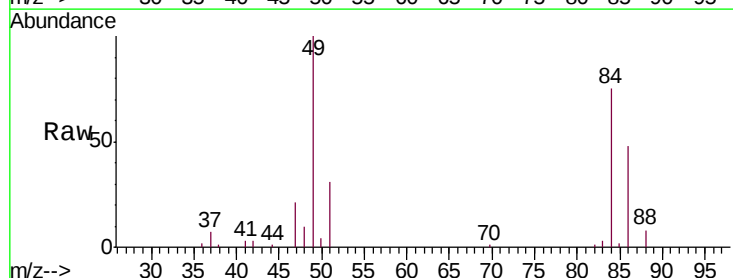
Tgt Ion: 84 Resp: 16687

Ion Ratio Lower Upper

84 100

49 132.8 90.4 167.8

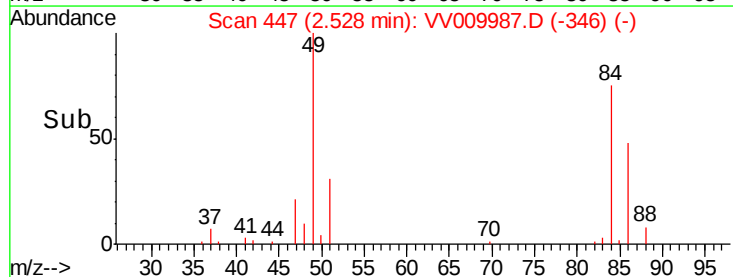
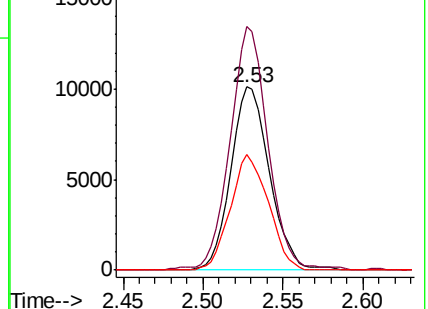
86 63.3 44.0 81.6

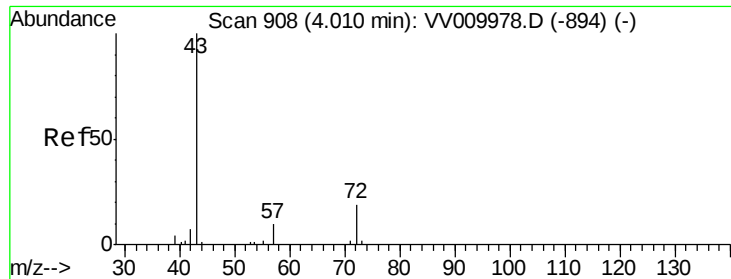


Abundance Ion 84.00 (83.70 to 84.70): VV009987.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV009987.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV009987.D (-437) (-)





#21

2-Butanone

Concen: 2.158 ug/L

RT: 3.99 min Scan# 903

Delta R.T. -0.02 min

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ClientSampleId :

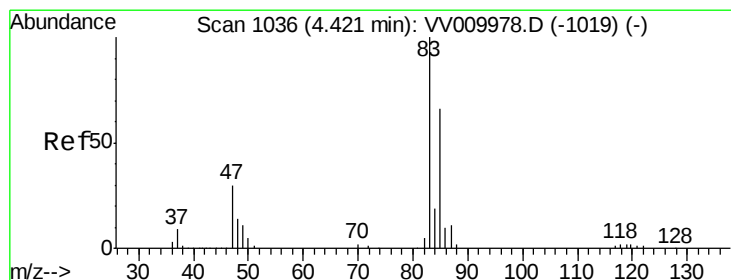
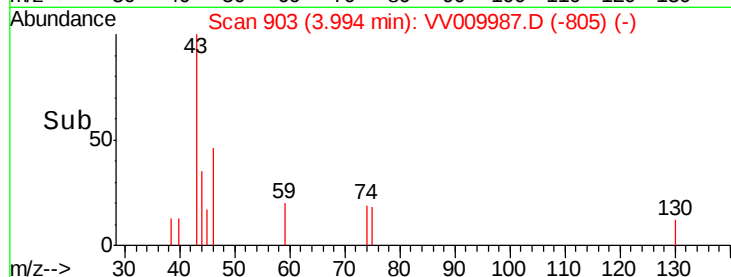
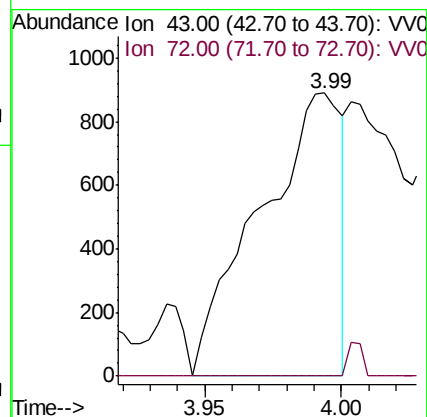
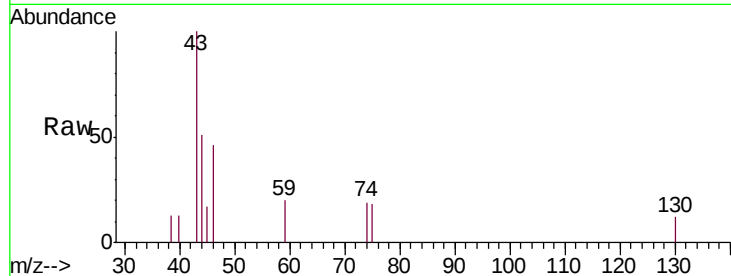
BF5D0

Tgt Ion: 43 Resp: 1852

Ion Ratio Lower Upper

43 100

72 2.2 11.1 33.1#



#25

Chloroform

Concen: 0.867 ug/L

RT: 4.41 min Scan# 1033

Delta R.T. -0.01 min

Lab File: VV009987.D

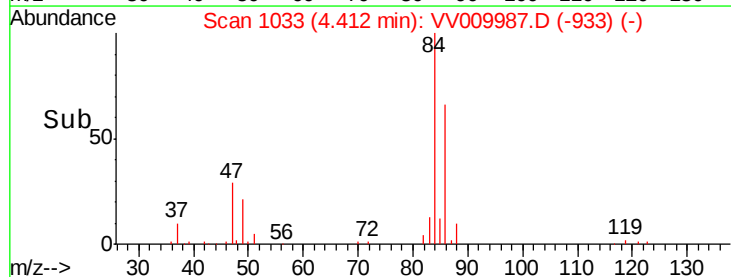
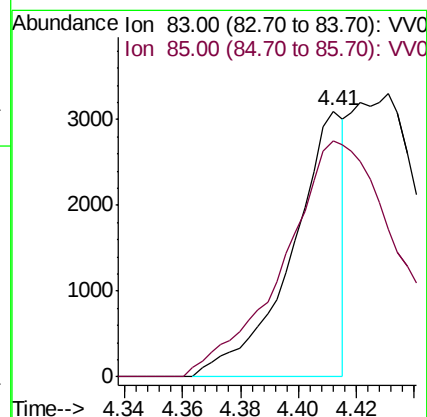
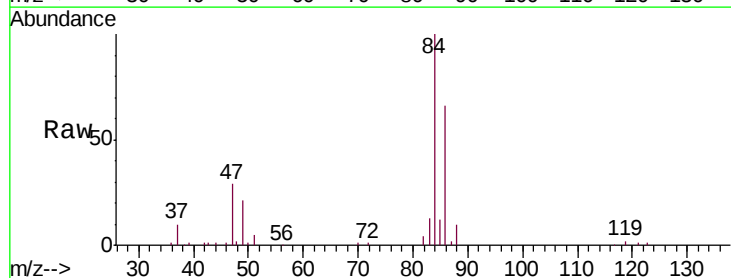
Acq: 29 Mar 2019 01:49

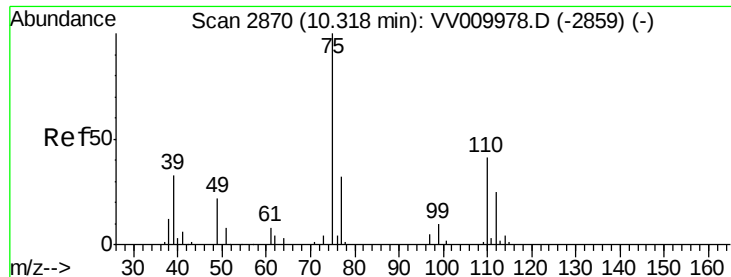
Tgt Ion: 83 Resp: 3864

Ion Ratio Lower Upper

83 100

85 194.4 46.1 85.7#





#59

1,2,3-Trichloropropane

Concen: 4.936 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009987.D

Acq: 29 Mar 2019 01:49

Instrument :

MSVOA_V

ClientSampleId :

BF5D0

Tgt Ion: 75 Resp: 8282

Ion Ratio Lower Upper

75 100

77 35.1 26.2 39.2

