

Data File : VV009351.D
Acq On : 25 Feb 2019 16:15
Operator : SY/MD
Sample : VIBLK66
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK66

Quant Time: Feb 26 02:50:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 02:46:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	127757	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	120961	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55831	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41430	24.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.52%
7) Chloroethane-d5	1.58	69	45015	22.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.56%
10) 1,1-Dichloroethene-d2	2.13	63	84058	20.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.44%
20) 2-Butanone-d5	3.95	46	23544	39.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.16%
24) Chloroform-d	4.40	84	66923	22.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.24%
26) 1,2-Dichloroethane-d4	5.08	65	37337	23.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.84%
29) Benzene-d6	5.10	84	146301	24.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.48%
33) 1,2-Dichloropropane-d6	6.12	67	45173	25.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.20%
37) Toluene-d8	7.36	98	137872	23.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.52%
38) trans-1,3-Dichloropropene-	7.67	79	19269	21.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.08%
39) 2-Hexanone-d5	8.14	63	20312	40.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.80%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	42347	21.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.76%
61) 1,2-Dichlorobenzene-d4	11.67	152	49593	24.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.76%

Target Compounds

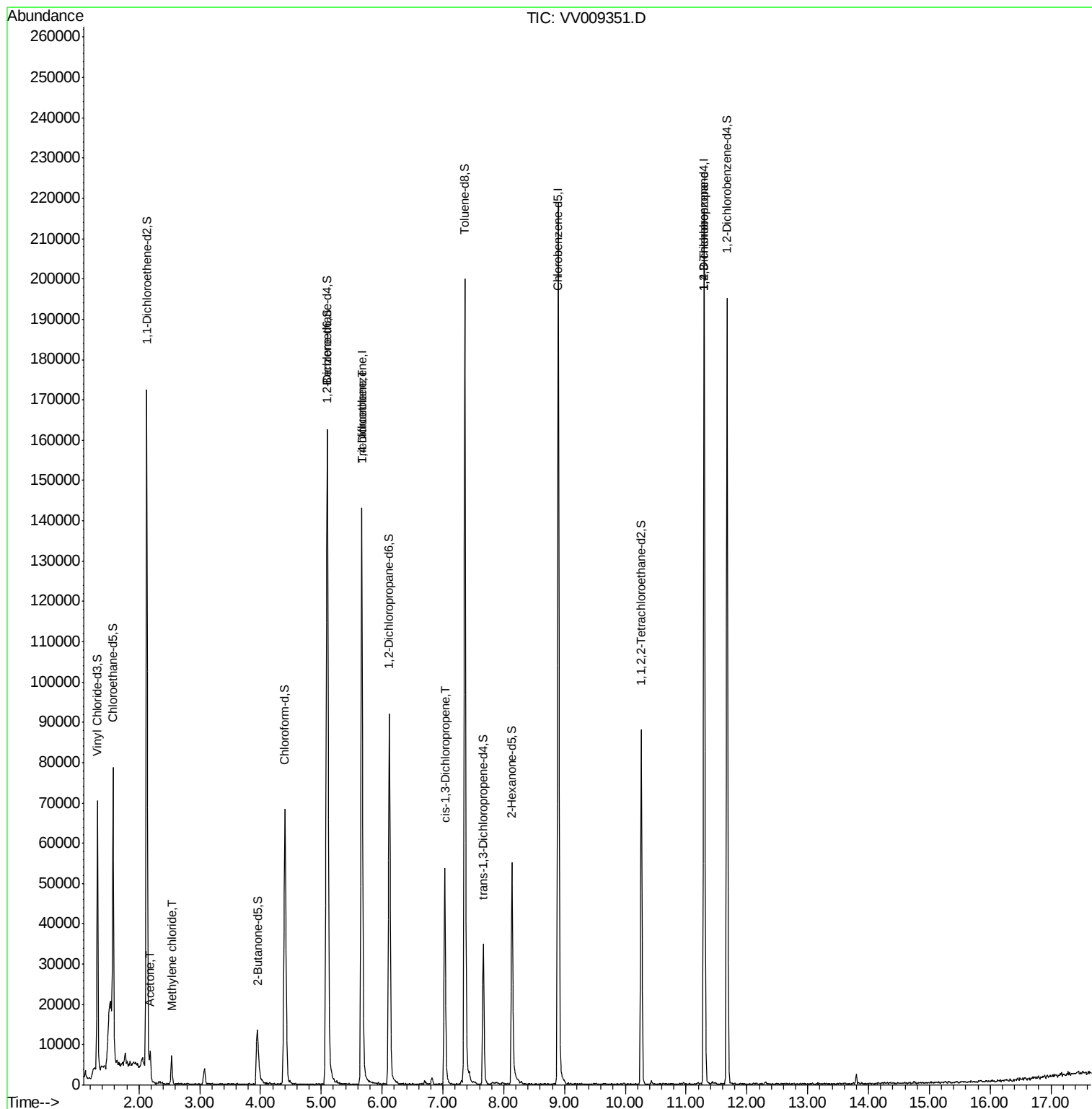
					Qvalue
13) Acetone	2.19	43	1537	2.643 ug/L	68
16) Methylene chloride	2.54	84	2592	1.341 ug/L	95
35) Trichloroethene	5.67	95	3269	1.777 ug/L #	4
42) cis-1,3-Dichloropropene	7.03	75	1531	0.562 ug/L #	68
59) 1,2,3-Trichloropropane	11.30	75	7869	5.444 ug/L	89

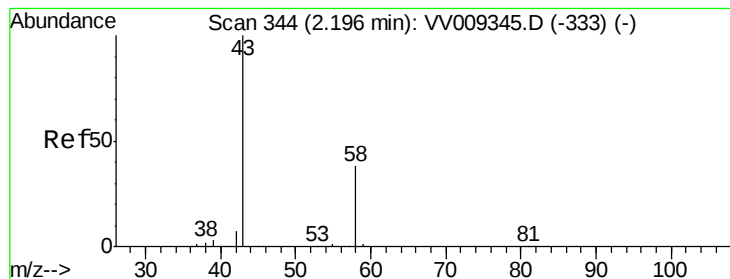
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.643 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

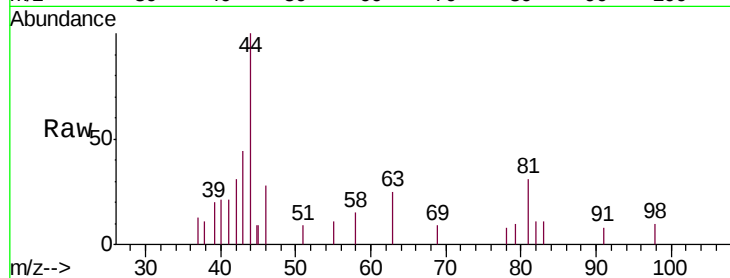
VIBLK66

Tgt Ion: 43 Resp: 1537

Ion Ratio Lower Upper

43 100

58 17.4 0.0 72.0



Abundance Ion 43.00 (42.70 to 43.70): VV009345.D (-333) (-)

Ion 58.00 (57.70 to 58.70): VV009345.D (-333) (-)

2.19

600

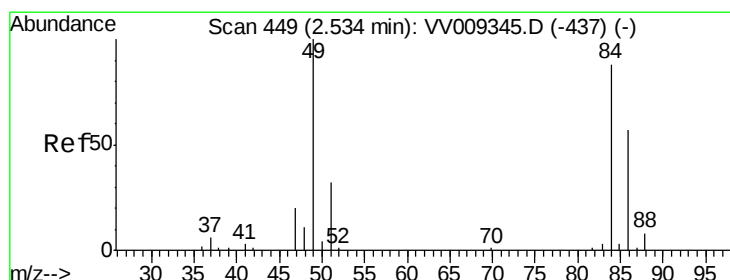
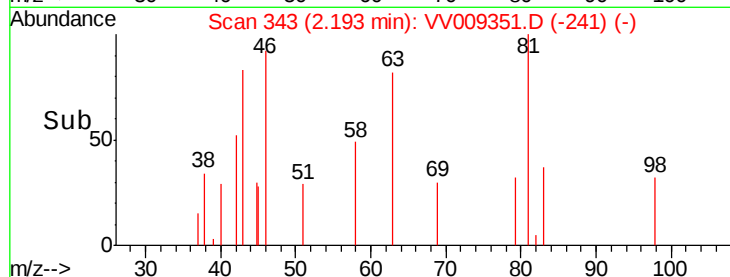
400

200

0

2.15 2.20 2.25

Time-->



#16

Methylene chloride

Concen: 1.341 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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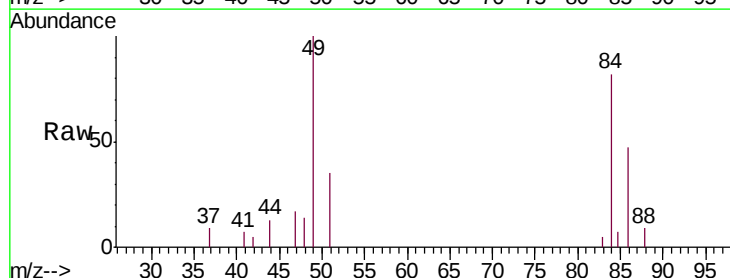
Tgt Ion: 84 Resp: 2592

Ion Ratio Lower Upper

84 100

49 112.4 78.7 146.1

86 53.0 44.0 81.6



Abundance Ion 84.00 (83.70 to 84.70): VV009345.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV009345.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV009345.D (-437) (-)

2500

2000

1500

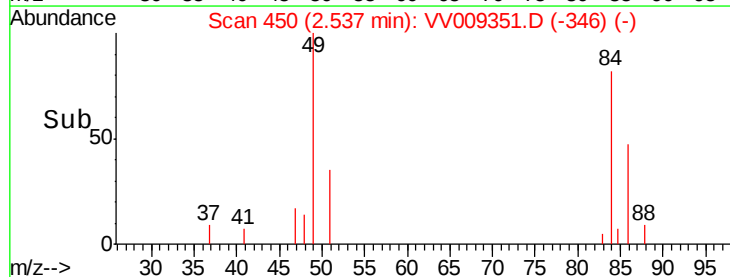
1000

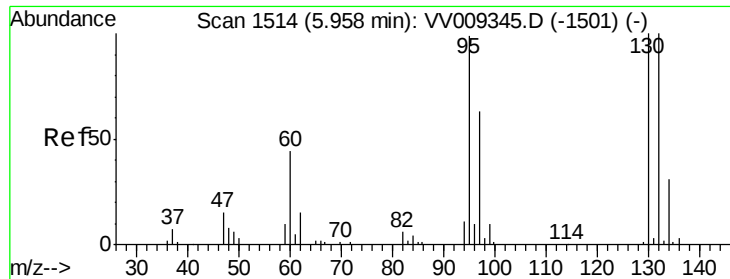
500

0

2.50 2.55

Time-->

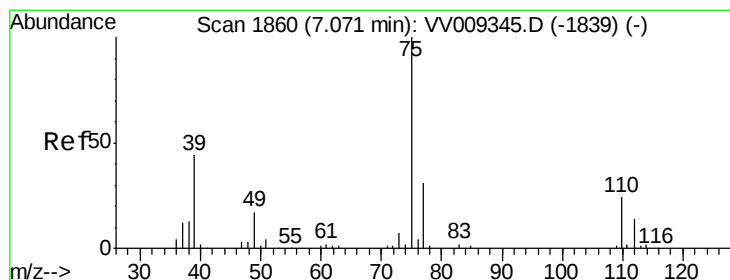
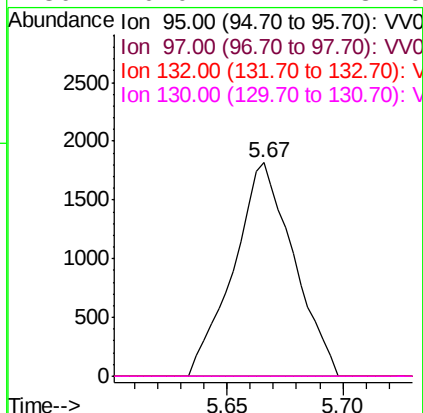
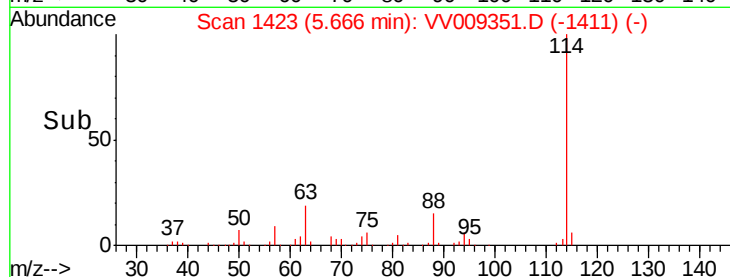
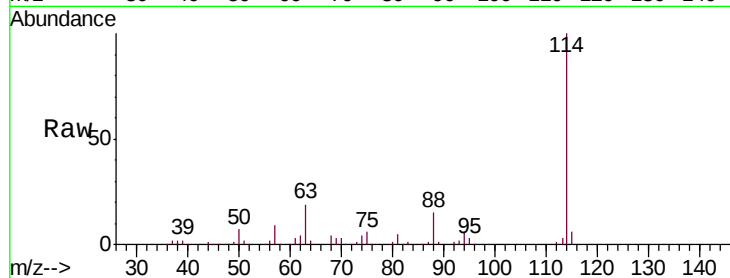




#35
 Trichloroethene
 Concen: 1.777 ug/L
 RT: 5.67 min Scan# 1423
 Delta R.T. -0.29 min
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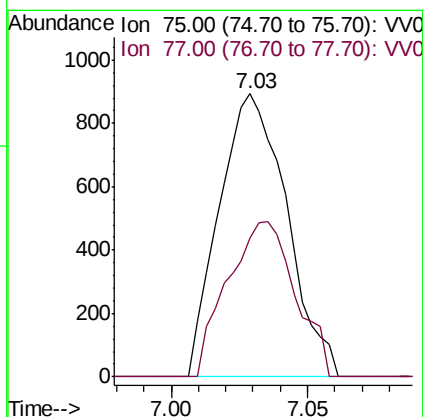
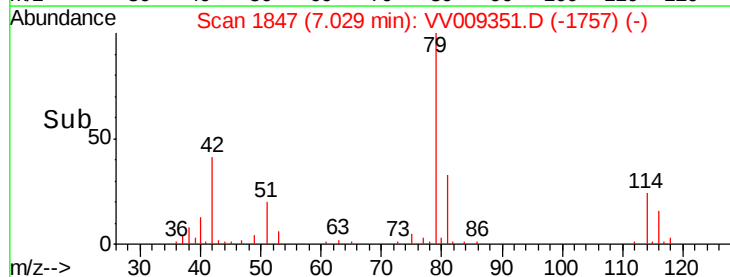
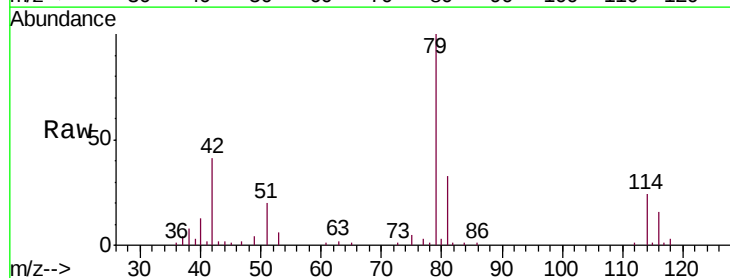
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 MSVOA_V
 ClientSampled :
 VIBLK66

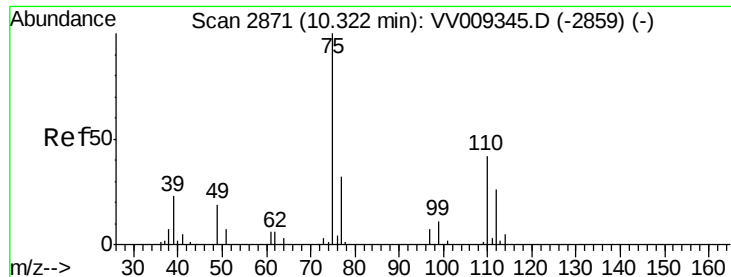
Tgt Ion: 95 Resp: 3269
 Ion Ratio Lower Upper
 95 100
 97 0.0 45.0 83.6#
 132 0.0 68.7 127.5#
 130 0.0 72.2 134.0#



#42
 cis-1,3-Dichloropropene
 Concen: 0.562 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009351.D
 Acq: 25 Feb 2019 16:15

Tgt Ion: 75 Resp: 1531
 Ion Ratio Lower Upper
 75 100
 77 48.8 22.0 40.8#





#59

1,2,3-Trichloropropane

Concen: 5.444 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV009351.D

Acq: 25 Feb 2019 16:15

Instrument :

MSVOA_V

ClientSampleId :

VIBLK66

Tgt Ion: 75 Resp: 7869

Ion Ratio Lower Upper

75 100

77 39.1 26.3 39.5

