

Data File : VV011013.D
Acq On : 22 May 2019 12:52
Operator : SY/MD
Sample : K2814-03
Misc : 5.01G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: May 23 08:04:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Thu May 23 08:00:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	128348	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	127507	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56721	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	33117	22.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.52%
7) Chloroethane-d5	1.57	69	24082	24.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.24%
10) 1,1-Dichloroethene-d2	2.12	63	50581	17.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.92%
20) 2-Butanone-d5	3.94	46	29663	58.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.50%
24) Chloroform-d	4.40	84	62066	18.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.68%
26) 1,2-Dichloroethane-d4	5.08	65	49231	25.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.52%
29) Benzene-d6	5.09	84	178513	25.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.56%
33) 1,2-Dichloropropane-d6	6.12	67	56799	25.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.72%
37) Toluene-d8	7.36	98	158344	24.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.88%
38) trans-1,3-Dichloropropene-	7.66	79	21575	23.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.04%
39) 2-Hexanone-d5	8.13	63	21846	52.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.92%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	54436	24.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.60%
61) 1,2-Dichlorobenzene-d4	11.67	152	62162	26.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.96%

Target Compounds

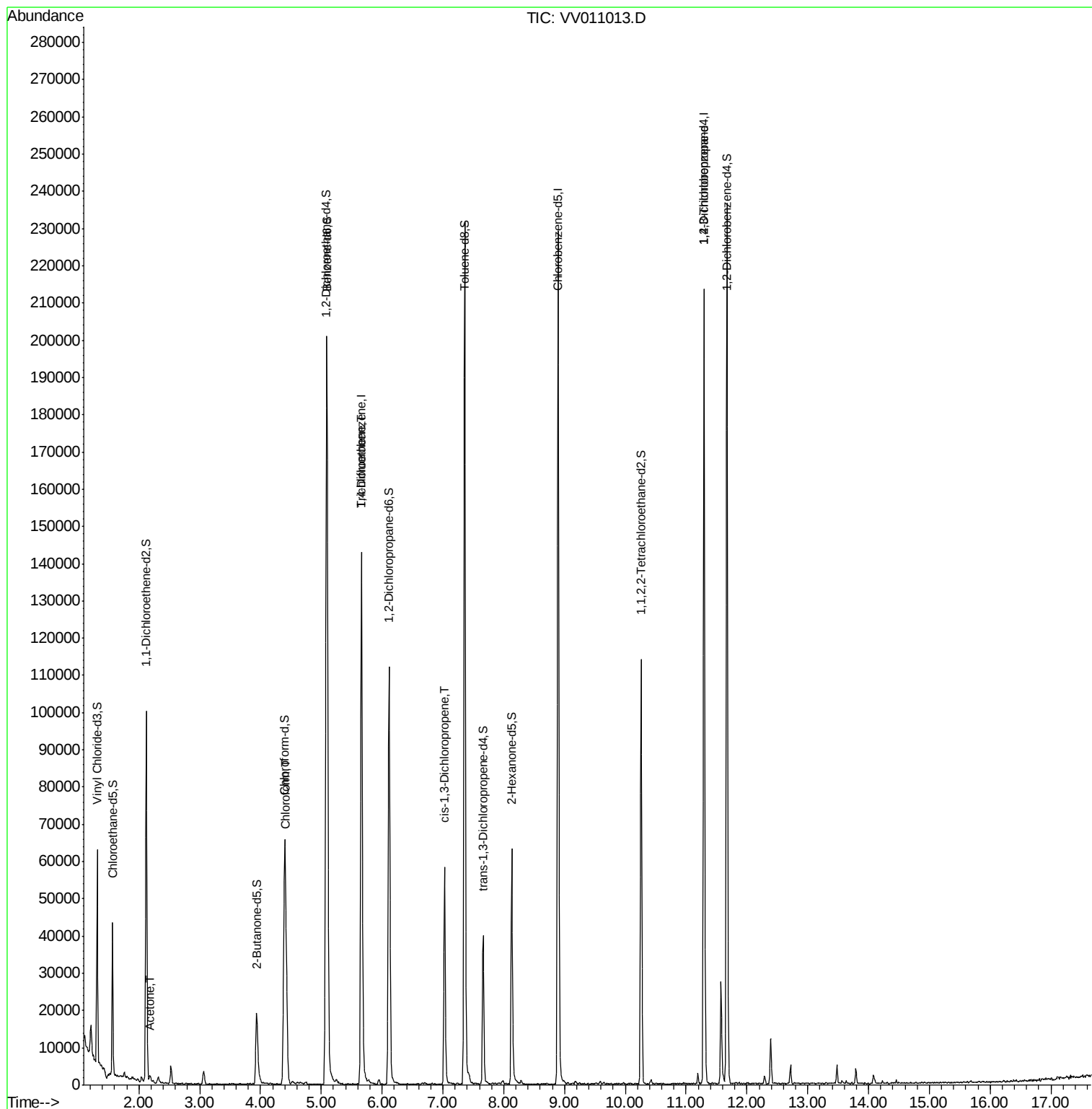
					Qvalue
13) Acetone	2.19	43	783	1.608 ug/L	56
25) Chloroform	4.42	83	25313	6.575 ug/L	100
35) Trichloroethene	5.66	95	3610	1.778 ug/L #	5
42) cis-1,3-Dichloropropene	7.03	75	1552	0.540 ug/L #	81
59) 1,2,3-Trichloropropane	11.30	75	6738	4.232 ug/L	95

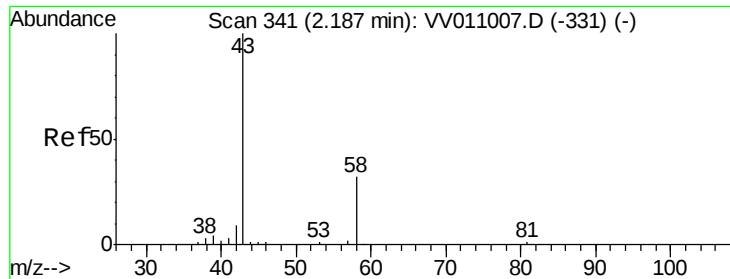
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.608 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

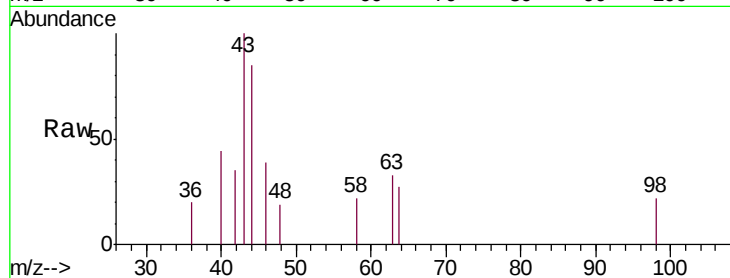
VHBLK01

Tgt Ion: 43 Resp: 783

Ion Ratio Lower Upper

43 100

58 6.4 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV011007.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV011007.D (-331) (-)

2.19

500

400

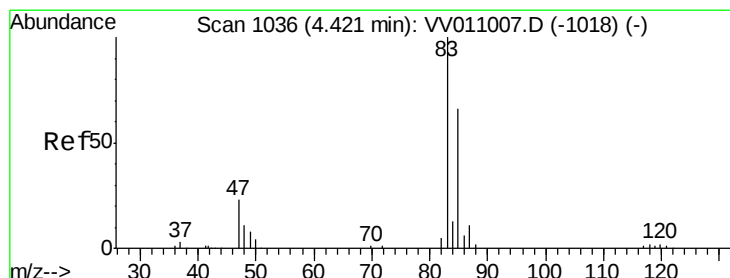
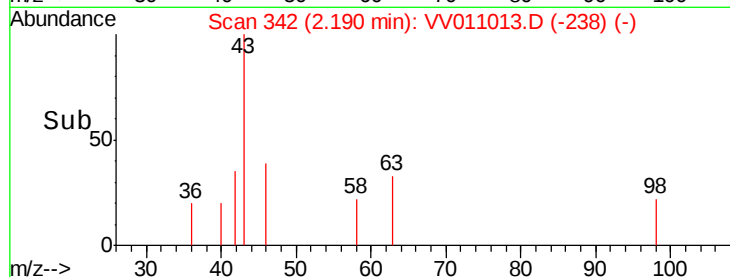
300

200

100

0

Time-->



#25

Chloroform

Concen: 6.575 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. 0.00 min

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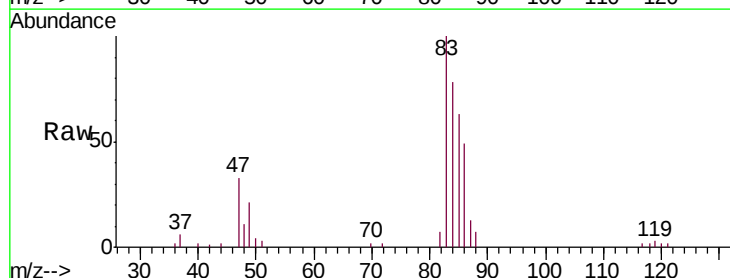
Acq: 22 May 2019 12:52

Tgt Ion: 83 Resp: 25313

Ion Ratio Lower Upper

83 100

85 65.1 45.6 84.8



Abundance Ion 83.00 (82.70 to 83.70): VV011007.D (-1018) (-)

Ion 85.00 (84.70 to 85.70): VV011007.D (-1018) (-)

4.42

12000

10000

8000

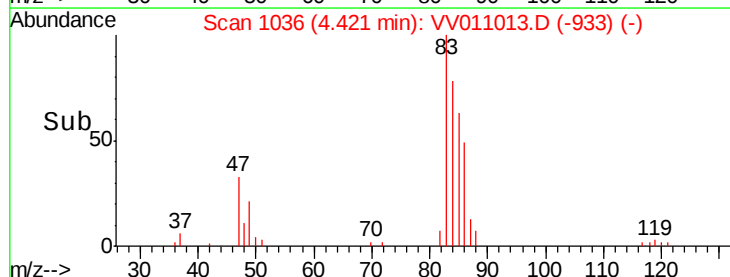
6000

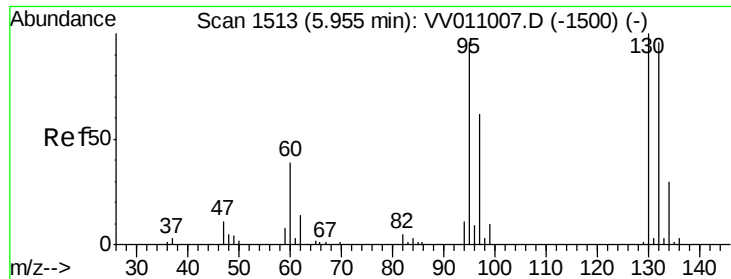
4000

2000

0

Time-->





#35

Trichloroethene

Concen: 1.778 ug/L

RT: 5.66 min Scan# 1421

Delta R.T. -0.30 min

Lab File: VV011013.D

Acq: 22 May 2019 12:52

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tgt Ion: 95 Resp: 3610

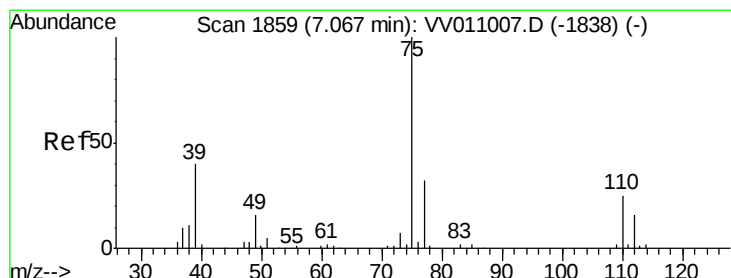
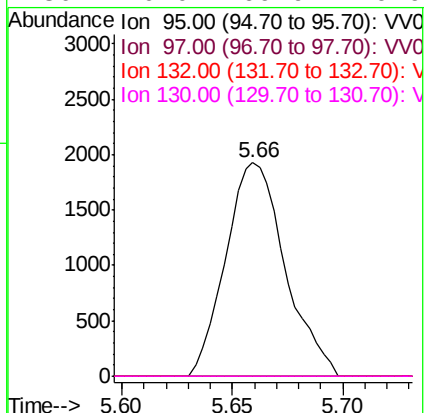
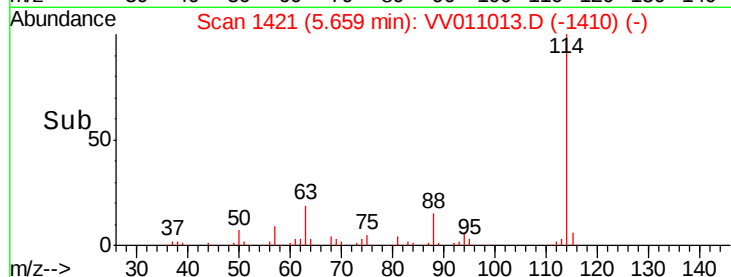
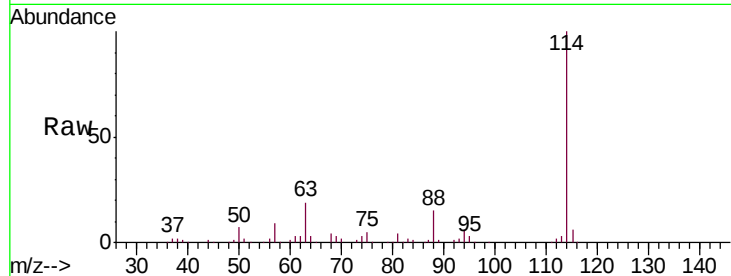
Ion Ratio Lower Upper

95 100

97 0.0 43.4 80.6#

132 0.0 68.8 127.8#

130 0.0 69.9 129.9#



#42

cis-1,3-Dichloropropene

Concen: 0.540 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV011013.D

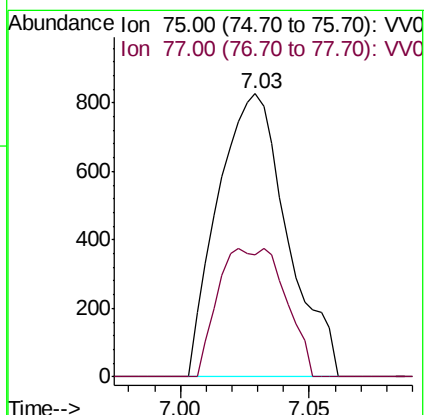
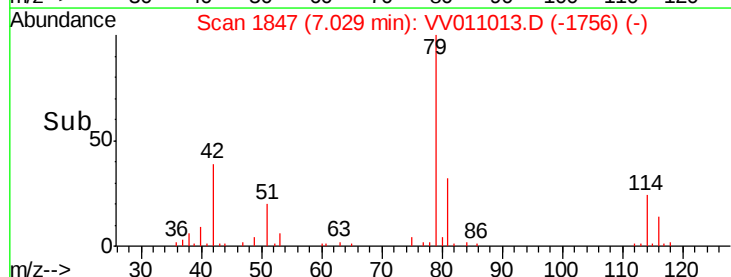
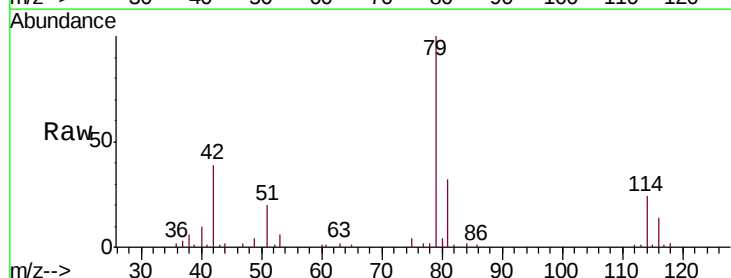
Acq: 22 May 2019 12:52

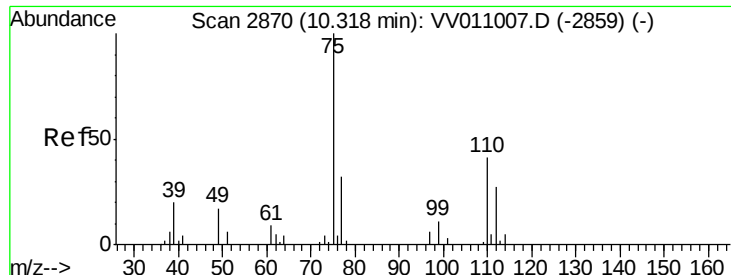
Tgt Ion: 75 Resp: 1552

Ion Ratio Lower Upper

75 100

77 43.3 22.9 42.5#





#59

1,2,3-Trichloropropane

Concen: 4.232 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV011013.D

Acq: 22 May 2019 12:52

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 6738

Ion Ratio Lower Upper

75 100

77 34.3 25.4 38.2

