

Data File : VV011015.D
Acq On : 22 May 2019 13:48
Operator : SY/MD
Sample : K2738-17
Misc : 5.03G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK02

Quant Time: May 23 08:04:31 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	130072	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	132167	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57757	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35546	23.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.88%
7) Chloroethane-d5	1.57	69	25232	25.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.52%
10) 1,1-Dichloroethene-d2	2.12	63	52625	18.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.84%
20) 2-Butanone-d5	3.94	46	26658	52.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.20%
24) Chloroform-d	4.40	84	67504	20.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.12%
26) 1,2-Dichloroethane-d4	5.08	65	50790	25.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.32%
29) Benzene-d6	5.09	84	185972	25.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.08%
33) 1,2-Dichloropropane-d6	6.12	67	57983	25.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.16%
37) Toluene-d8	7.36	98	166179	24.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.08%
38) trans-1,3-Dichloropropene-	7.66	79	21581	22.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.72%
39) 2-Hexanone-d5	8.13	63	19965	46.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.38%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	54009	23.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.40%
61) 1,2-Dichlorobenzene-d4	11.67	152	61575	26.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.04%

Target Compounds

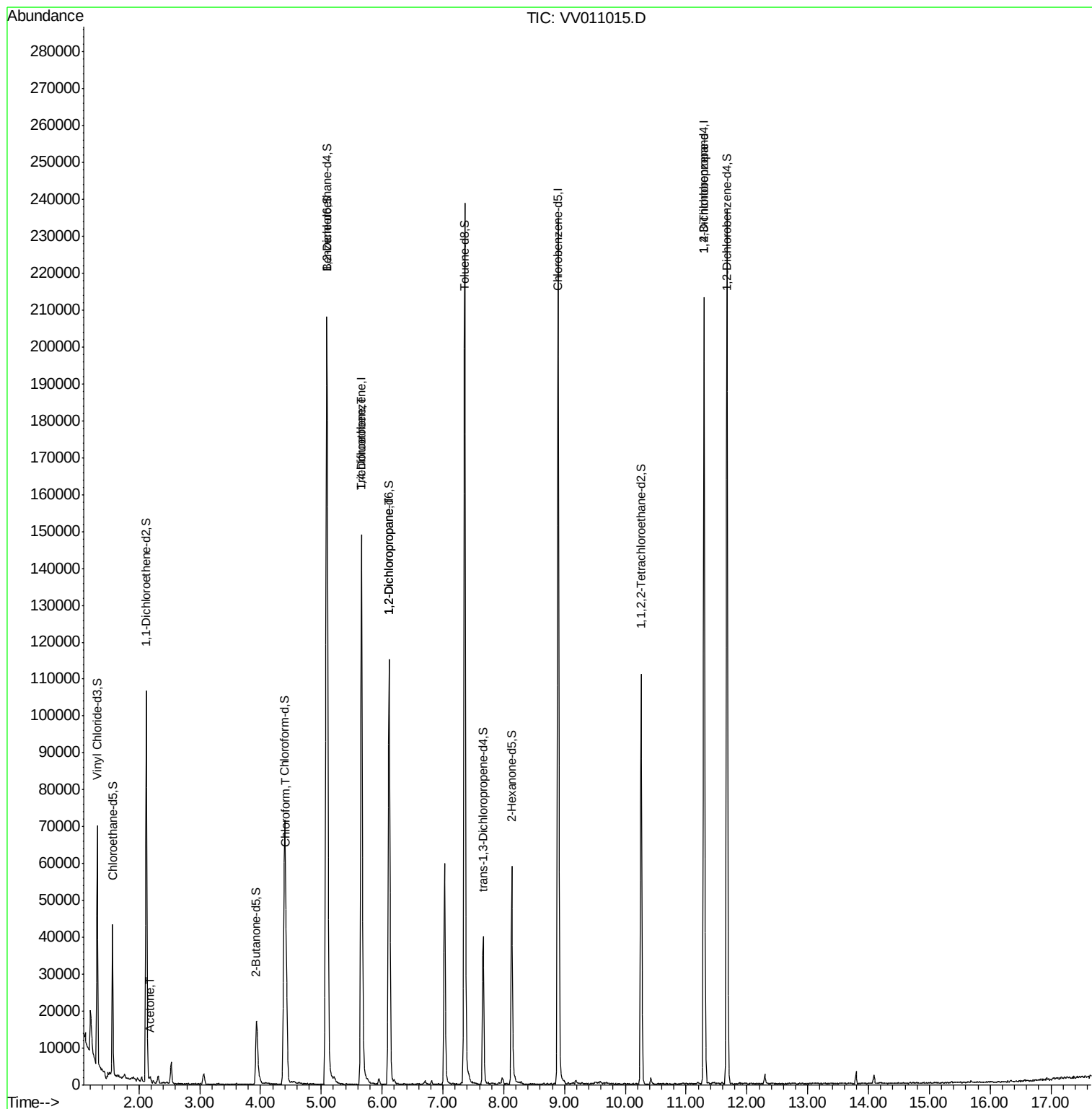
					Qvalue
13) Acetone	2.19	43	712	1.443 ug/L	85
25) Chloroform	4.42	83	22615	5.797 ug/L	98
35) Trichloroethene	5.66	95	3903	1.854 ug/L #	5
40) 1,2-Dichloropropane	6.12	63	6169	3.081 ug/L #	86
59) 1,2,3-Trichloropropane	11.29	75	7335	4.445 ug/L	96

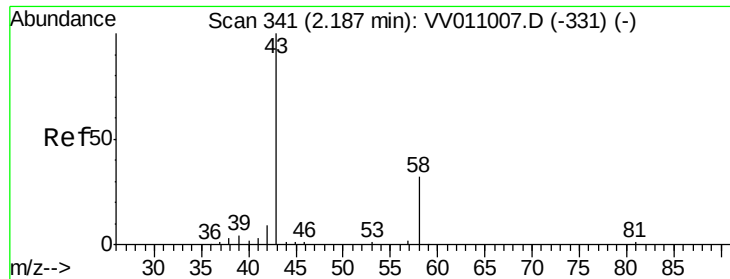
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.443 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampled :

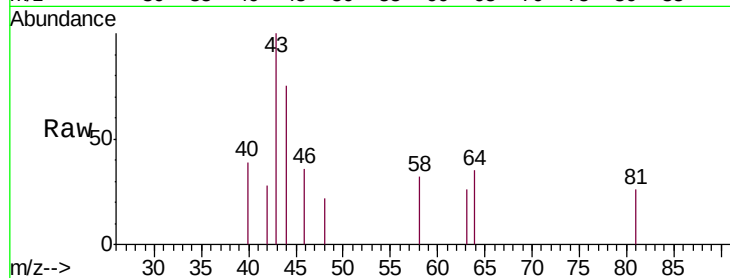
VHBLK02

Tgt Ion: 43 Resp: 712

Ion Ratio Lower Upper

43 100

58 22.2 0.0 60.8



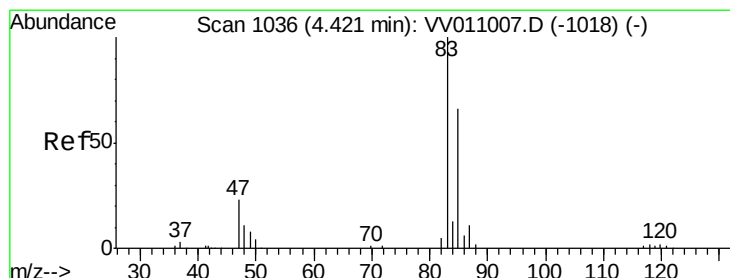
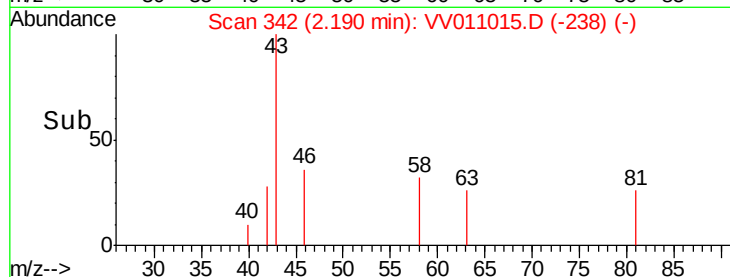
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.19

Time-->

2.16 2.18 2.20 2.22



#25

Chloroform

Concen: 5.797 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV011015.D

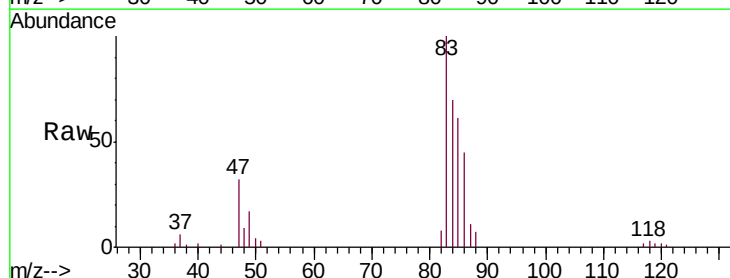
Acq: 22 May 2019 13:48

Tgt Ion: 83 Resp: 22615

Ion Ratio Lower Upper

83 100

85 66.5 45.6 84.8



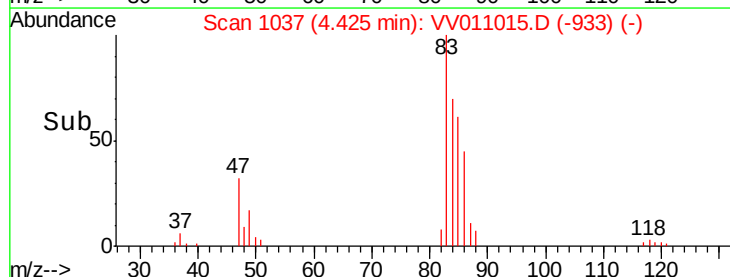
Abundance Ion 83.00 (82.70 to 83.70): VV0

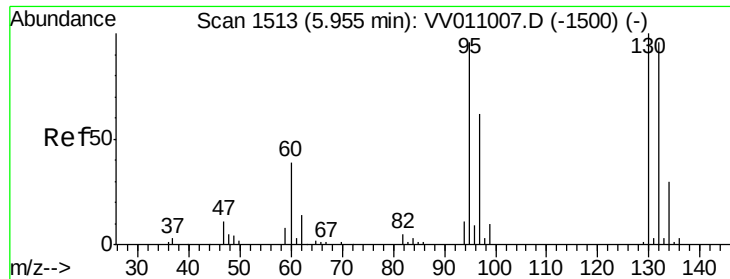
Ion 85.00 (84.70 to 85.70): VV0

4.42

Time-->

4.35 4.40 4.45 4.50





#35

Trichloroethene

Concen: 1.854 ug/L

RT: 5.66 min Scan# 1422

Delta R.T. -0.29 min

Lab File: VV011015.D

Acq: 22 May 2019 13:48

Instrument :

MSVOA_V

ClientSampled :

VHBLK02

Tgt Ion: 95 Resp: 3903

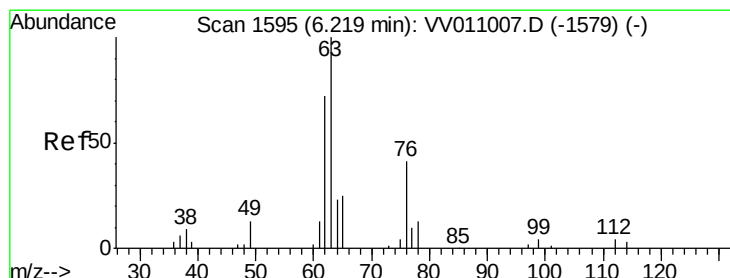
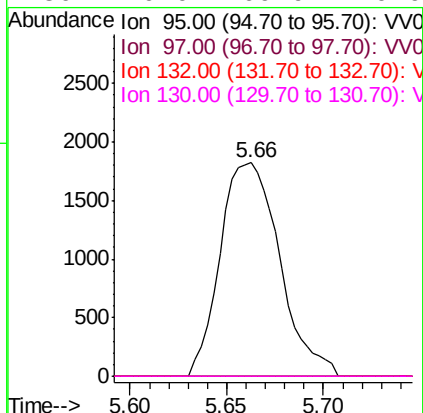
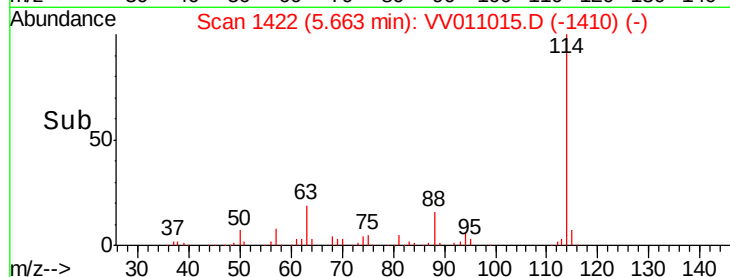
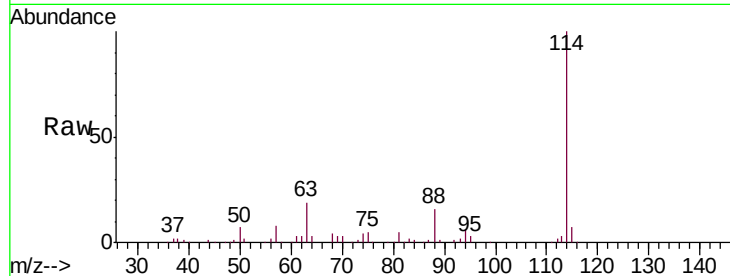
Ion Ratio Lower Upper

95 100

97 0.0 43.4 80.6#

132 0.0 68.8 127.8#

130 0.0 69.9 129.9#



#40

1,2-Dichloropropane

Concen: 3.081 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

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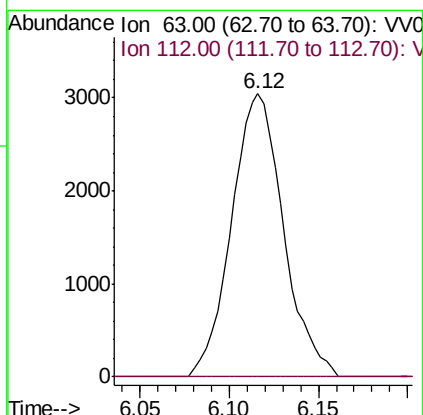
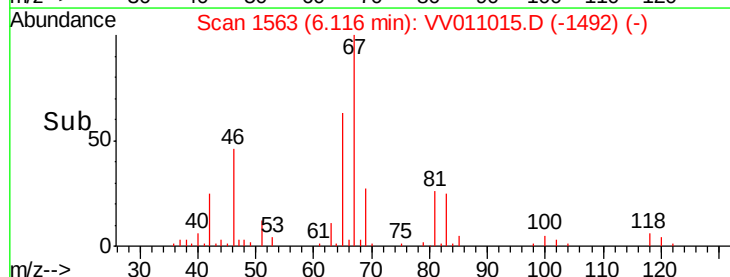
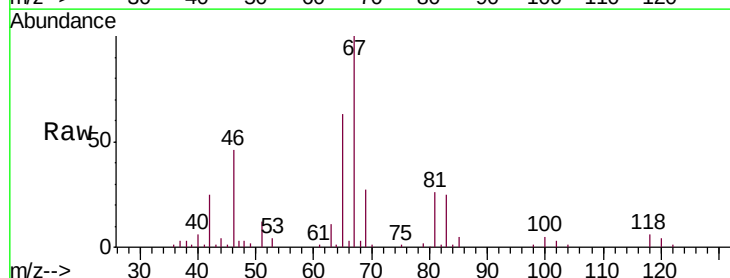
Acq: 22 May 2019 13:48

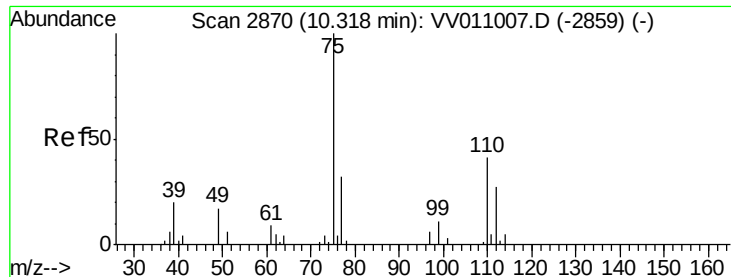
Tgt Ion: 63 Resp: 6169

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#





#59

1,2,3-Trichloropropane

Concen: 4.445 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV011015.D

Acq: 22 May 2019 13:48

Instrument :

MSVOA_V

ClientSampleId :

VHBLK02

Tgt Ion: 75 Resp: 7335

Ion Ratio Lower Upper

75 100

77 34.0 25.4 38.2

