

Data File : VV011012.D
Acq On : 22 May 2019 12:24
Operator : SY/MD
Sample : K2853-04
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: May 23 08:04:06 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	143895	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	136986	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58140	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37334	22.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.04%
7) Chloroethane-d5	1.57	69	27105	24.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.60%
10) 1,1-Dichloroethene-d2	2.12	63	56800	18.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.04%
20) 2-Butanone-d5	3.94	46	27547	48.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.34%
24) Chloroform-d	4.40	84	87604	23.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.08	65	52390	23.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.40%
29) Benzene-d6	5.09	84	189432	25.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.32%
33) 1,2-Dichloropropane-d6	6.12	67	60052	25.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.08%
37) Toluene-d8	7.36	98	172754	24.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.40%
38) trans-1,3-Dichloropropene-	7.66	79	22170	22.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.88%
39) 2-Hexanone-d5	8.13	63	19435	43.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.70%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	55225	23.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.12%
61) 1,2-Dichlorobenzene-d4	11.67	152	62172	26.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.36%

Target Compounds

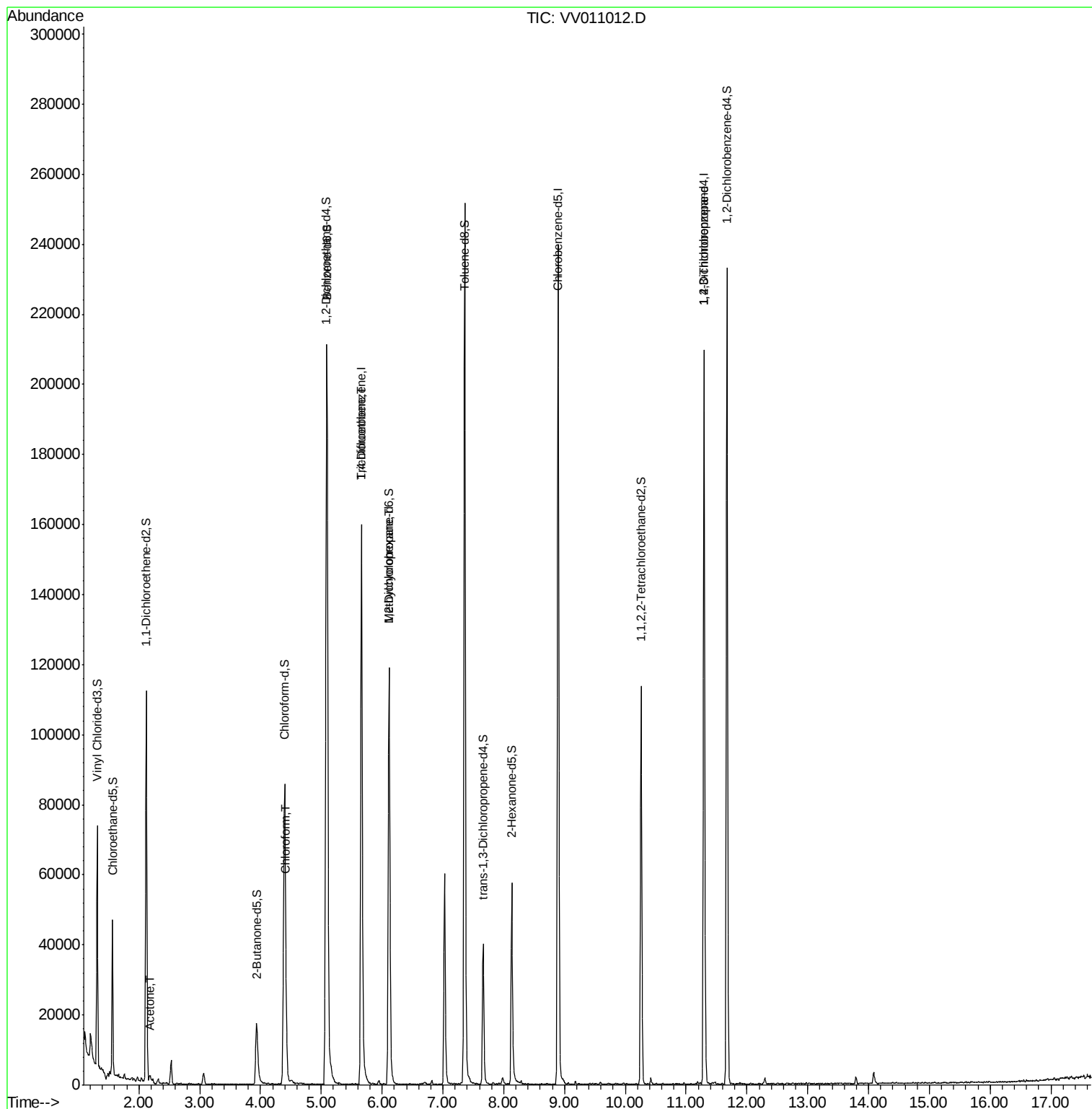
						Qvalue
13) Acetone	2.19	43	820	1.502	ug/L	99
25) Chloroform	4.42	83	6591	1.527	ug/L	83
35) Trichloroethene	5.66	95	4225	1.936	ug/L #	5
36) Methylcyclohexane	6.11	83	14721	4.564	ug/L #	21
59) 1,2,3-Trichloropropane	11.30	75	6790	3.970	ug/L #	88

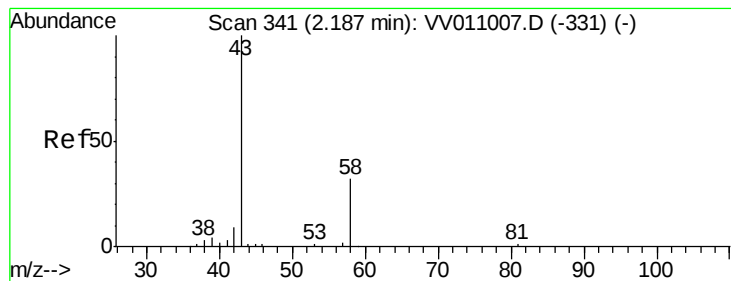
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.502 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

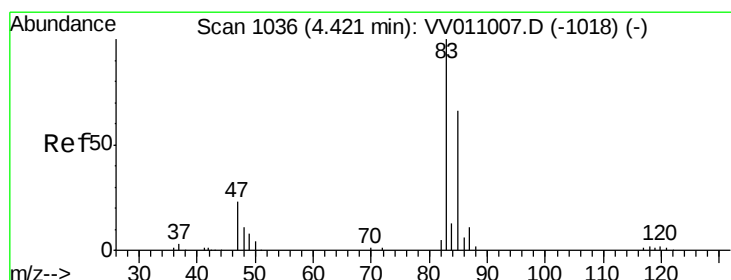
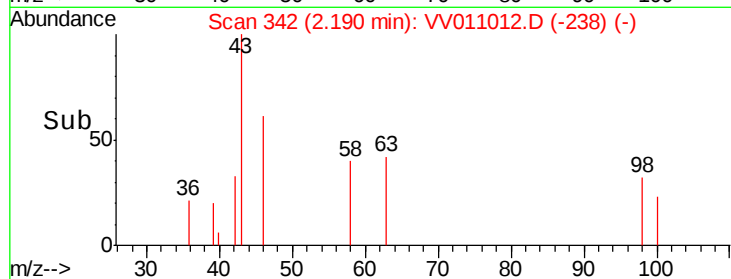
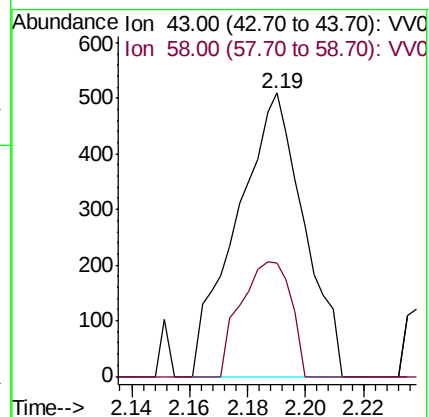
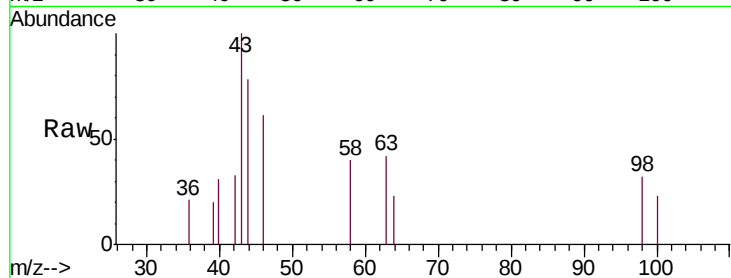
VHBLK01

Tgt Ion: 43 Resp: 820

Ion Ratio Lower Upper

43 100

58 30.1 0.0 60.8



#25

Chloroform

Concen: 1.527 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

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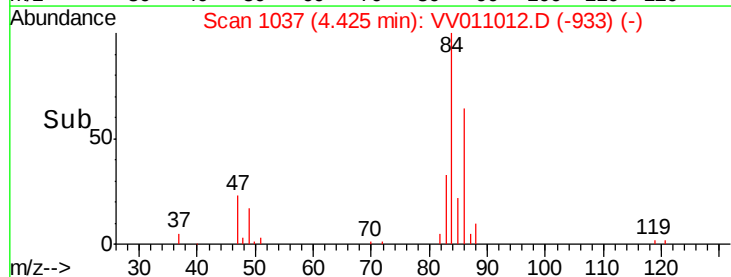
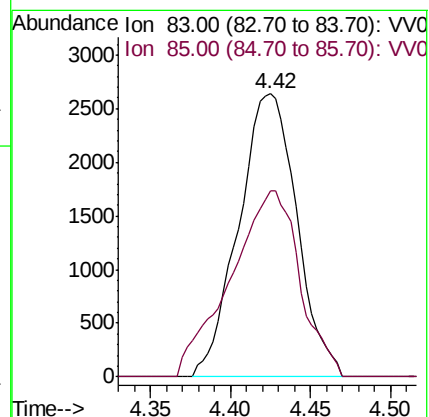
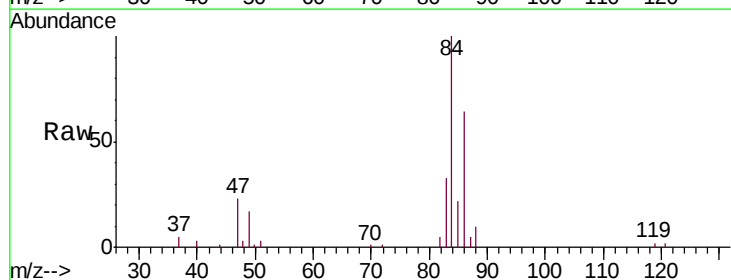
Acq: 22 May 2019 12:24

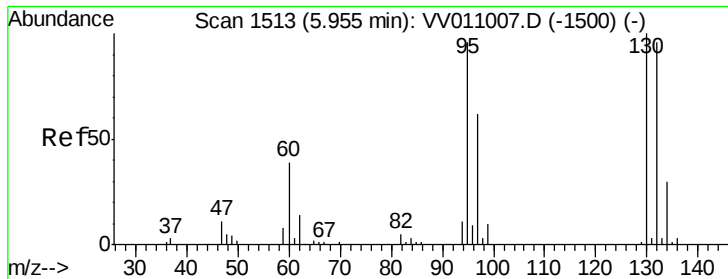
Tgt Ion: 83 Resp: 6591

Ion Ratio Lower Upper

83 100

85 78.4 45.6 84.8





#35

Trichloroethene

Concen: 1.936 ug/L

RT: 5.66 min Scan# 1421

Delta R.T. -0.30 min

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Instrument :

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ClientSampleId :

VHBLK01

Tgt Ion: 95 Resp: 4225

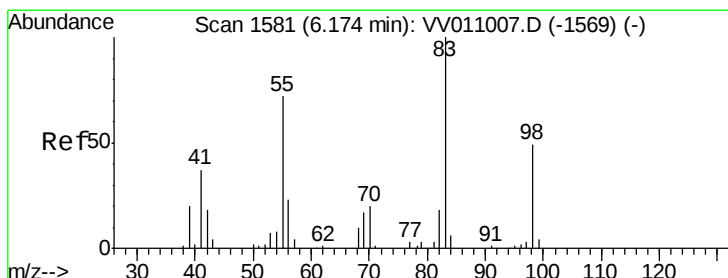
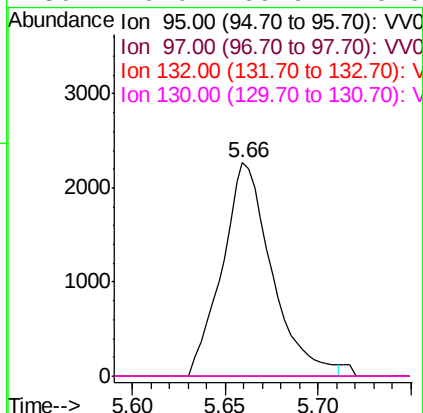
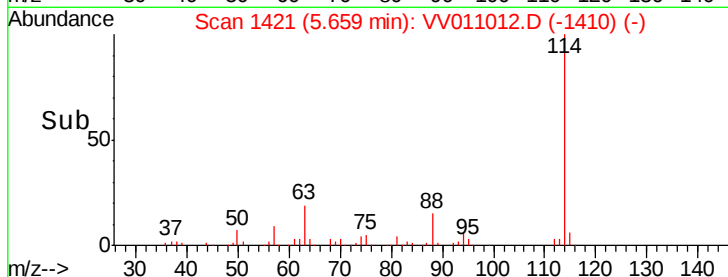
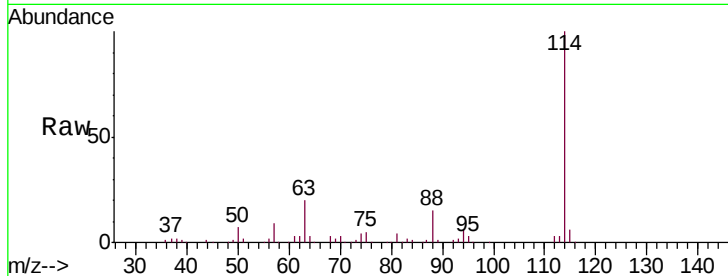
Ion Ratio Lower Upper

95 100

97 0.0 43.4 80.6#

132 0.0 68.8 127.8#

130 0.0 69.9 129.9#



#36

Methylcyclohexane

Concen: 4.564 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

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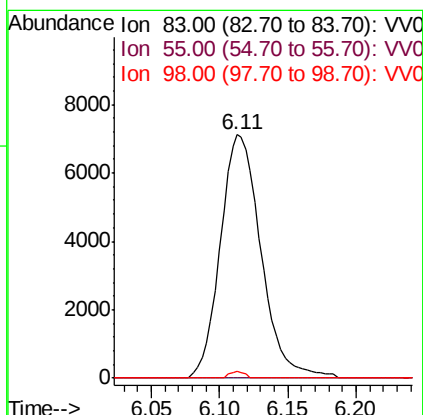
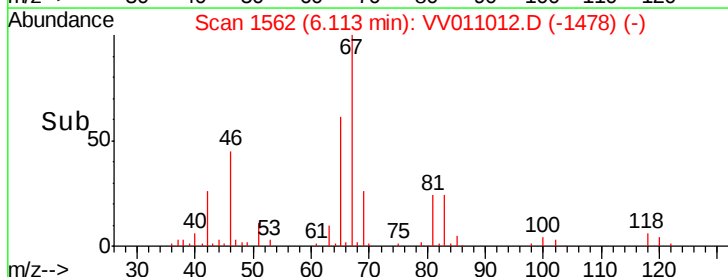
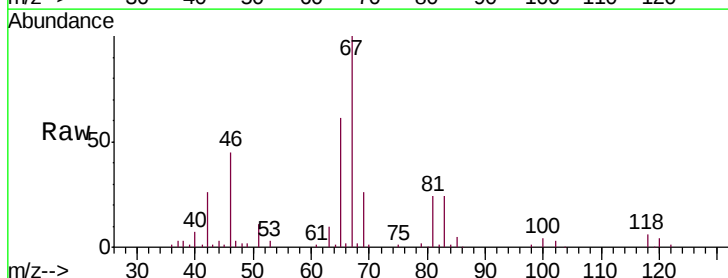
Tgt Ion: 83 Resp: 14721

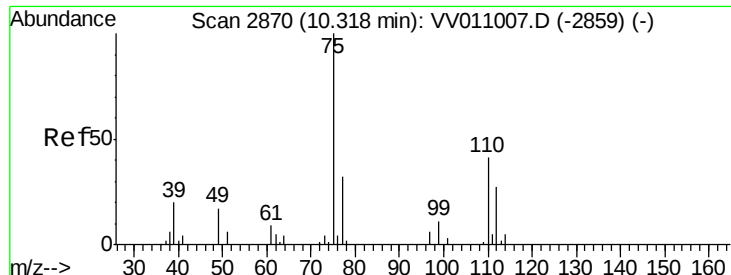
Ion Ratio Lower Upper

83 100

55 0.0 57.0 85.4#

98 1.0 36.2 54.4#





#59

1,2,3-Trichloropropane

Concen: 3.970 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV011012.D

Acq: 22 May 2019 12:24

Instrument :

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ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 6790

Ion Ratio Lower Upper

75 100

77 38.6 25.4 38.2#

