

Data File : VV011043.D
Acq On : 24 May 2019 00:05
Operator : SY/MD
Sample : VV0523SBL02
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK62

Quant Time: May 24 09:06:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 09:03:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	97129	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	99184	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40325	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17411	15.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.88%
7) Chloroethane-d5	1.56	69	13836	18.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.80%
10) 1,1-Dichloroethene-d2	2.12	63	26678	12.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.12%
20) 2-Butanone-d5	3.94	46	24281	63.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.10%
24) Chloroform-d	4.40	84	47259	18.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.12%
26) 1,2-Dichloroethane-d4	5.08	65	31160	21.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.08%
29) Benzene-d6	5.09	84	104203	19.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.96%
33) 1,2-Dichloropropane-d6	6.12	67	35779	20.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.16%
37) Toluene-d8	7.36	98	92384	18.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.40%
38) trans-1,3-Dichloropropene-	7.66	79	13291	18.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.24%
39) 2-Hexanone-d5	8.13	63	16215	50.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.06%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	40506	23.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.32%
61) 1,2-Dichlorobenzene-d4	11.67	152	34340	20.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.88%

Target Compounds

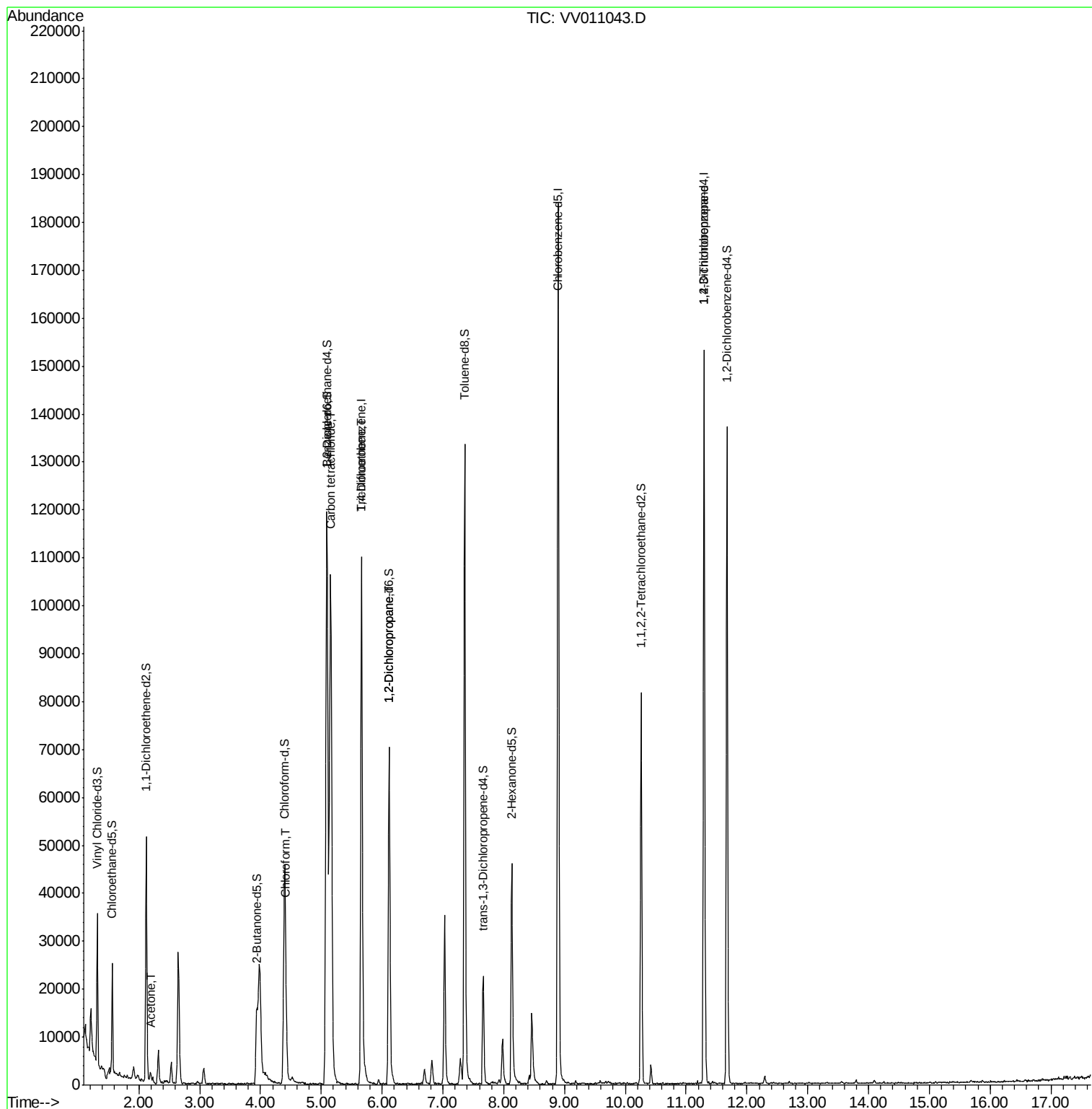
					Qvalue
13) Acetone	2.19	43	1805	4.899 ug/L	97
25) Chloroform	4.42	83	5643	1.937 ug/L #	73
32) Carbon tetrachloride	5.15	117	2200	1.081 ug/L #	15
35) Trichloroethene	5.67	95	2891	1.830 ug/L #	5
40) 1,2-Dichloropropane	6.12	63	3832	2.550 ug/L #	86
59) 1,2,3-Trichloropropane	11.29	75	5444	4.396 ug/L	96

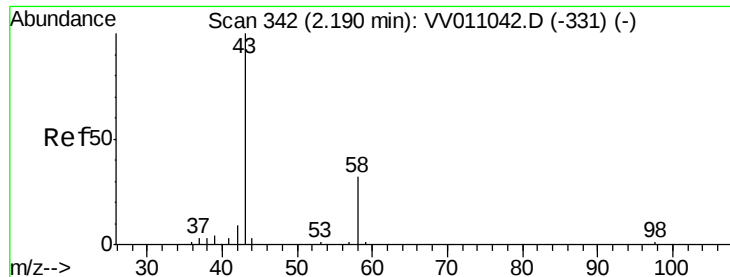
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 24 09:03:49 2019
Response via : Initial Calibration





#13

Acetone

Concen: 4.899 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

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Acq: 24 May 2019 00:05

Instrument :

MSVOA_V

ClientSampleId :

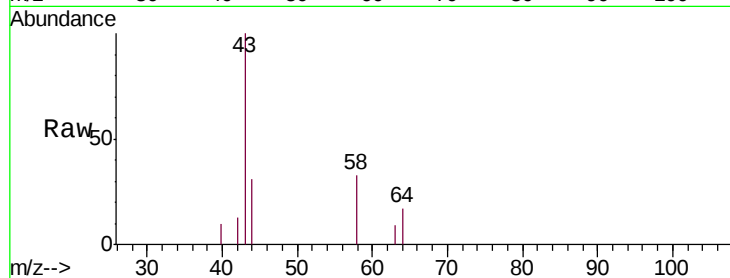
VBLK62

Tgt Ion: 43 Resp: 1805

Ion Ratio Lower Upper

43 100

58 32.2 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV011042.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV011042.D (-331) (-)

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1000

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Time-->

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14.65

14.70

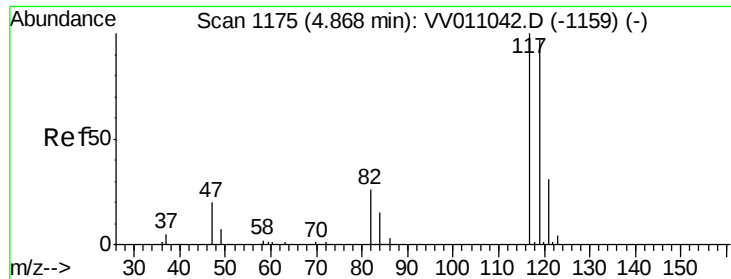
14.75

14.80

14.85

14.90

14.95



#32

Carbon tetrachloride

Concen: 1.081 ug/L

RT: 5.15 min Scan# 1263

Delta R.T. 0.28 min

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ClientSampled :

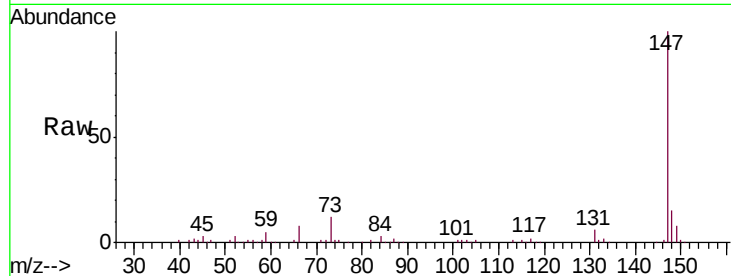
VBLK62

Tgt Ion: 117 Resp: 2200

Ion Ratio Lower Upper

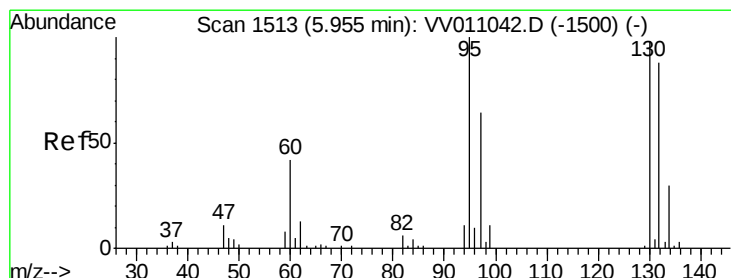
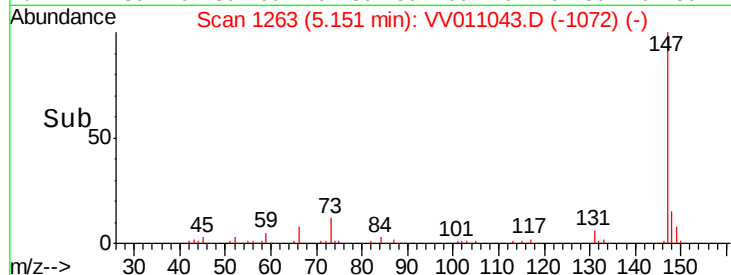
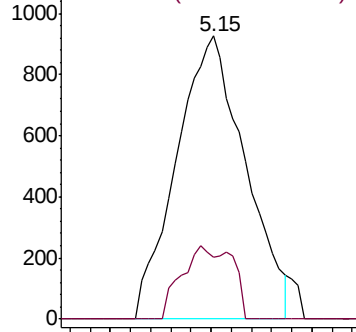
117 100

119 12.3 76.1 114.1#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#35

Trichloroethene

Concen: 1.830 ug/L

RT: 5.67 min Scan# 1423

Delta R.T. -0.29 min

Lab File: VV011043.D

Acq: 24 May 2019 00:05

Tgt Ion: 95 Resp: 2891

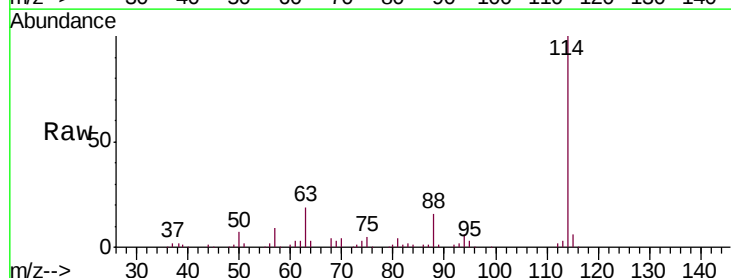
Ion Ratio Lower Upper

95 100

97 0.0 43.4 80.6#

132 0.0 68.8 127.8#

130 0.0 69.9 129.9#

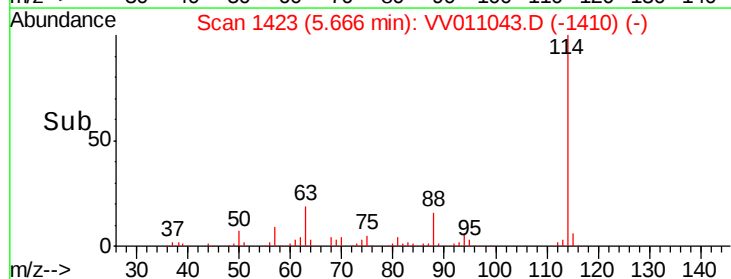
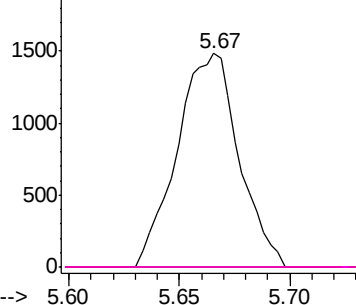


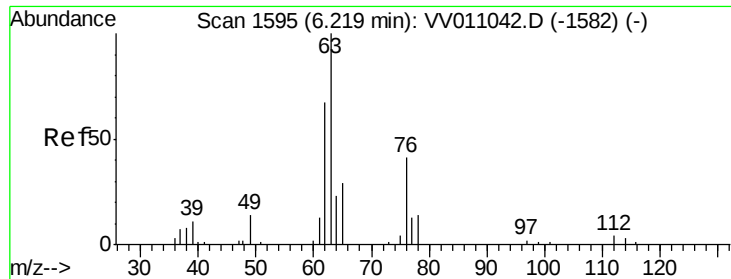
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0

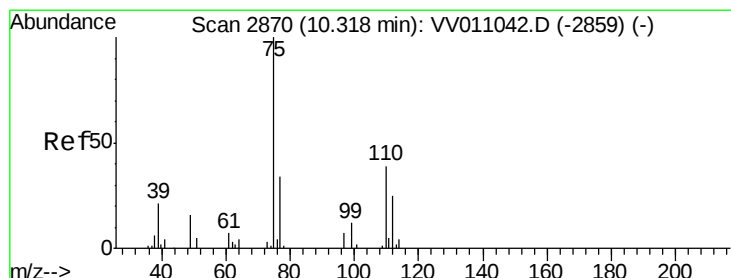
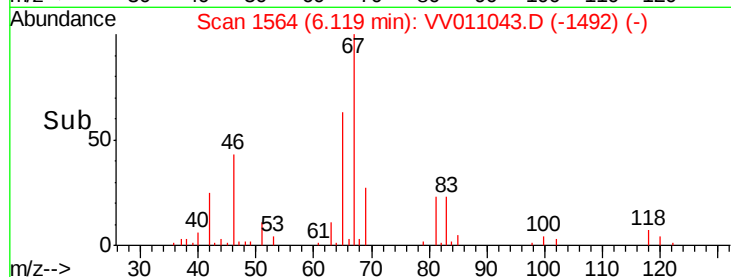
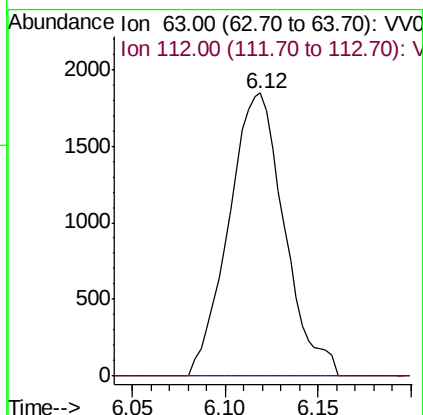
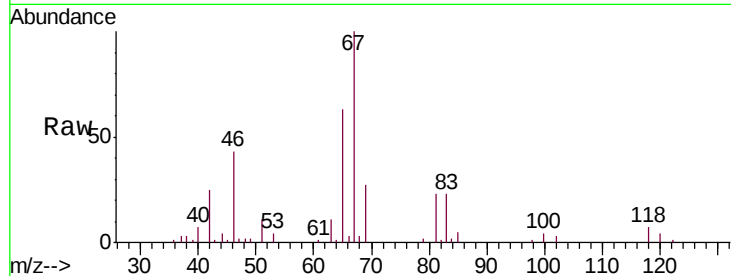




#40
 1,2-Dichloropropane
 Concen: 2.550 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV011043.D
 Acq: 24 May 2019 00:05

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK62

Tgt Ion: 63 Resp: 3832
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#59
 1,2,3-Trichloropropane
 Concen: 4.396 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV011043.D
 Acq: 24 May 2019 00:05

Tgt Ion: 75 Resp: 5444
 Ion Ratio Lower Upper
 75 100
 77 33.9 25.4 38.2

