

Data File : VV010823.D
Acq On : 10 May 2019 19:42
Operator : SY/MD
Sample : K2690-27
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK02

Quant Time: May 10 23:04:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 22:59:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	79943	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	81287	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	33102	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28781	23.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.68%
7) Chloroethane-d5	1.57	69	26656	26.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.32%
10) 1,1-Dichloroethene-d2	2.12	63	47763	17.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.92%
20) 2-Butanone-d5	3.93	46	20260	54.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.74%
24) Chloroform-d	4.40	84	55072	25.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.08%
26) 1,2-Dichloroethane-d4	5.08	65	37552	27.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.36%
29) Benzene-d6	5.10	84	108093	25.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.04%
33) 1,2-Dichloropropane-d6	6.12	67	35410	25.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.88%
37) Toluene-d8	7.36	98	96352	23.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.08%
38) trans-1,3-Dichloropropene-	7.66	79	13311	21.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.68%
39) 2-Hexanone-d5	8.13	63	14043	49.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.44%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	32646	25.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.92%
61) 1,2-Dichlorobenzene-d4	11.67	152	34101	26.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.40%

Target Compounds

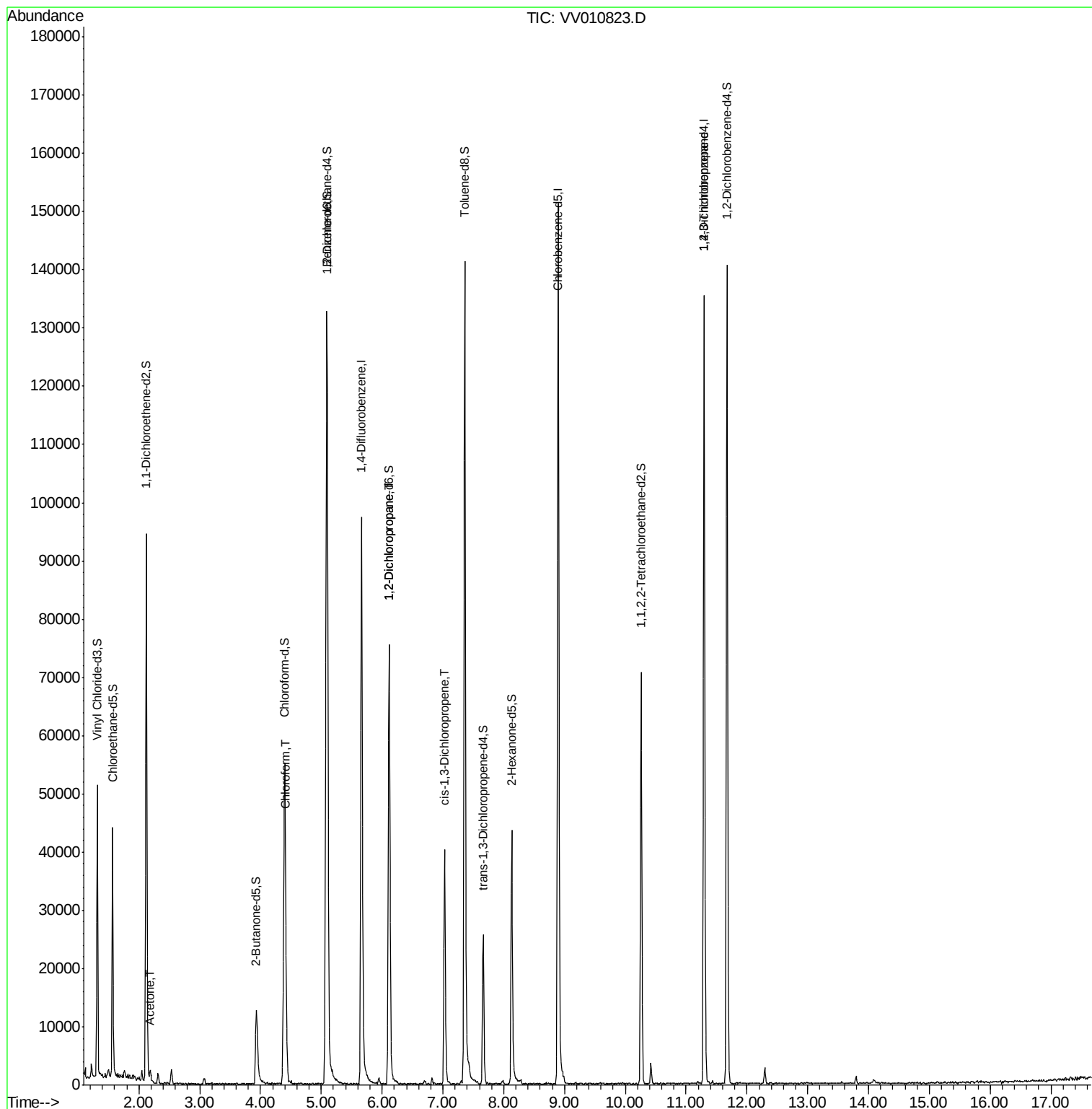
					Qvalue
13) Acetone	2.19	43	776	1.345 ug/L	82
25) Chloroform	4.42	83	2566	1.061 ug/L	99
40) 1,2-Dichloropropane	6.12	63	4278	3.370 ug/L #	87
42) cis-1,3-Dichloropropene	7.03	75	1058	0.527 ug/L #	66
59) 1,2,3-Trichloropropane	11.29	75	4508	4.228 ug/L #	80

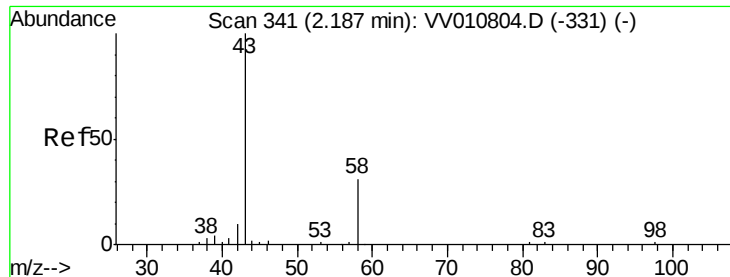
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.345 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV010823.D

Acq: 10 May 2019 19:42

Instrument :

MSVOA_V

ClientSampleId :

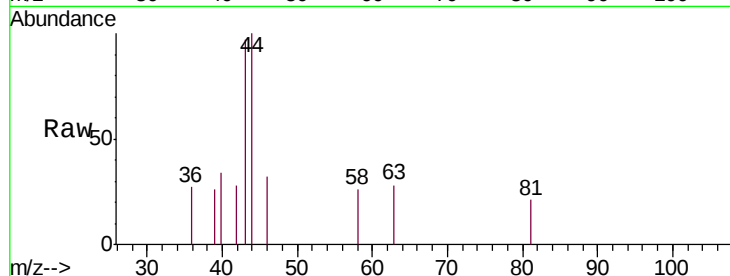
VHBLK02

Tgt Ion: 43 Resp: 776

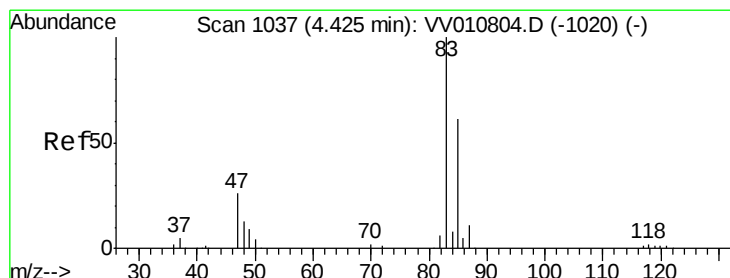
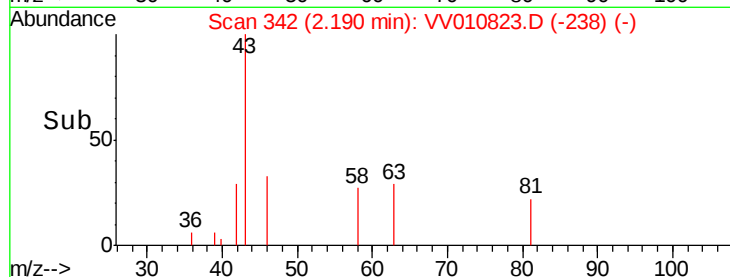
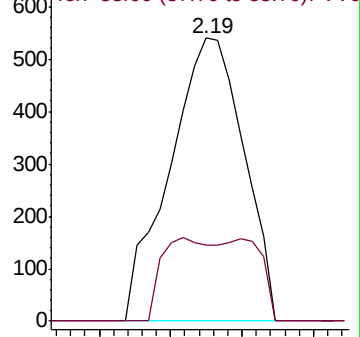
Ion Ratio Lower Upper

43 100

58 21.6 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010804.D (-331) (-)



#25

Chloroform

Concen: 1.061 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VV010823.D

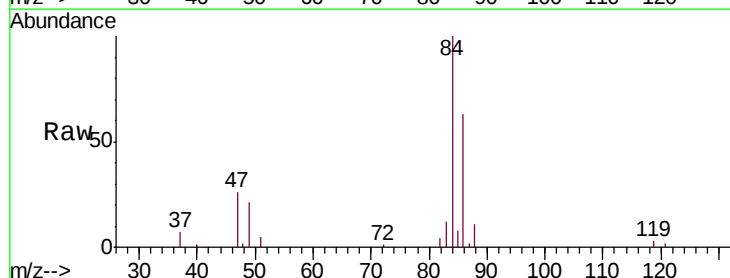
Acq: 10 May 2019 19:42

Tgt Ion: 83 Resp: 2566

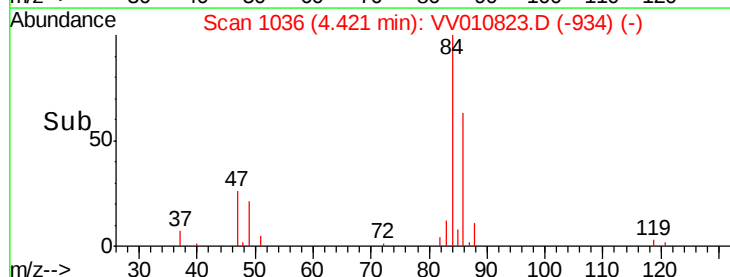
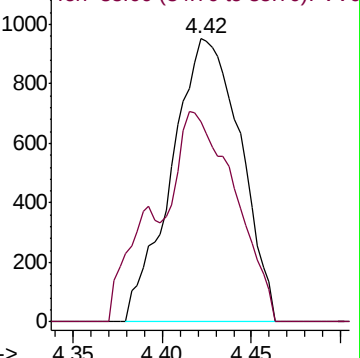
Ion Ratio Lower Upper

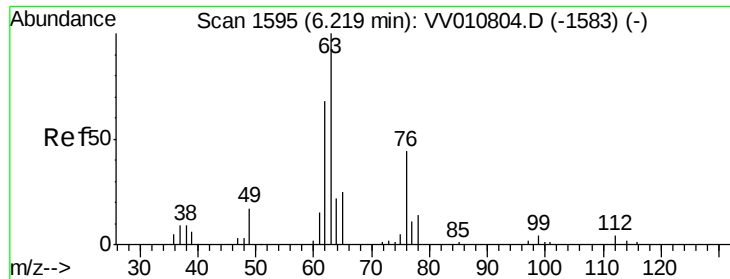
83 100

85 63.0 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV010804.D (-1020) (-)

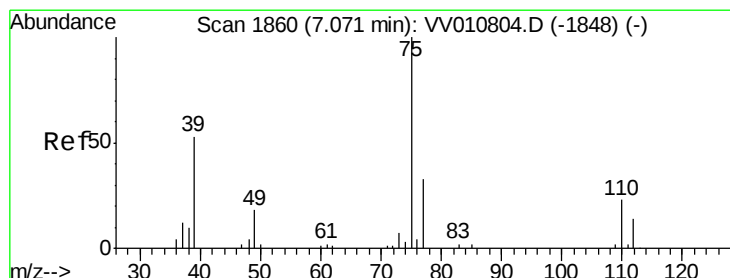
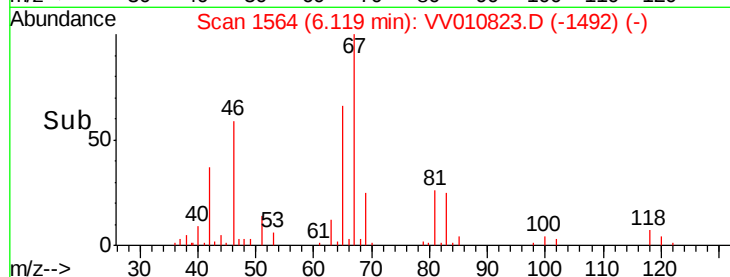
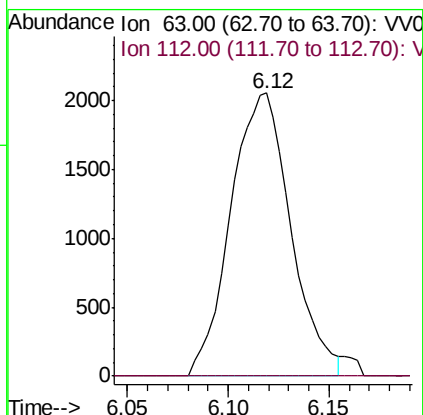
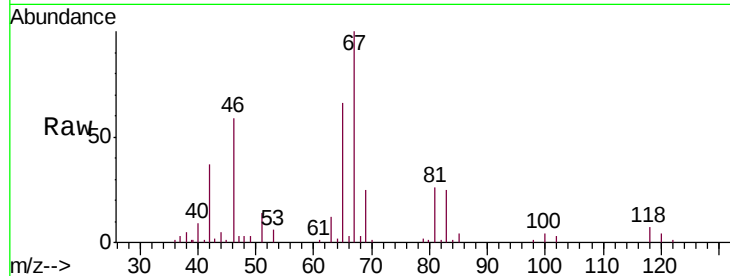




#40
 1,2-Dichloropropane
 Concen: 3.370 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV010823.D
 Acq: 10 May 2019 19:42

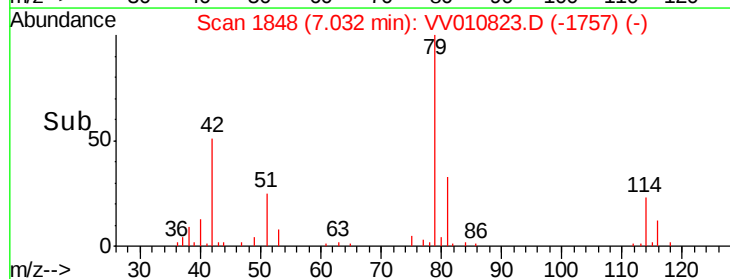
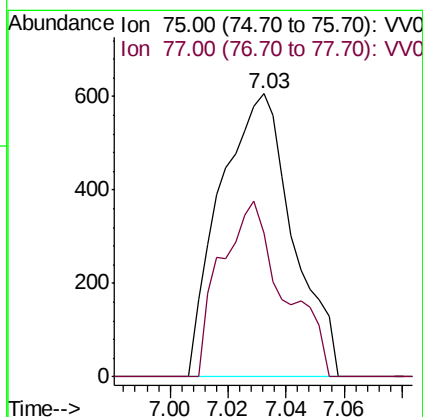
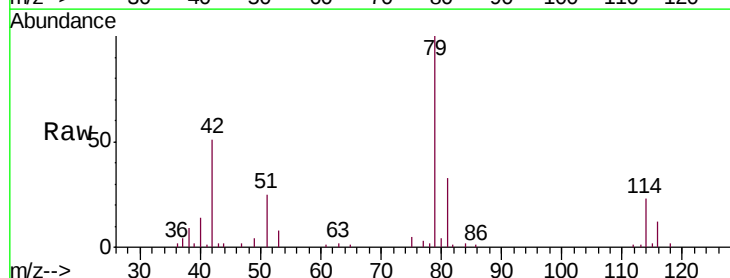
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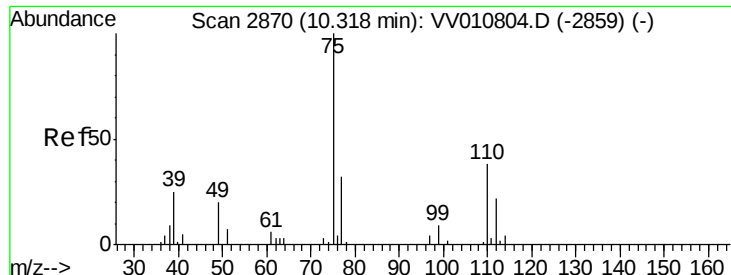
Tgt Ion: 63 Resp: 4278
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#42
 cis-1,3-Dichloropropene
 Concen: 0.527 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV010823.D
 Acq: 10 May 2019 19:42

Tgt Ion: 75 Resp: 1058
 Ion Ratio Lower Upper
 75 100
 77 50.7 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 4.228 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV010823.D

Acq: 10 May 2019 19:42

Instrument :

MSVOA_V

ClientSampleId :

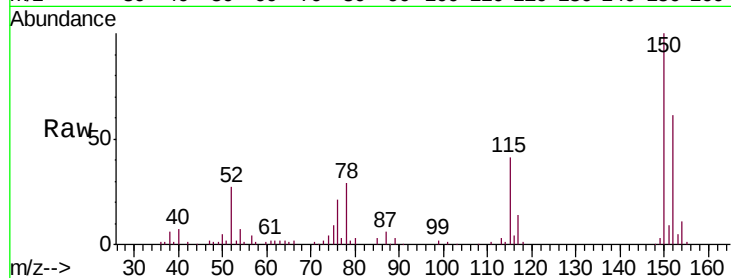
VHBLK02

Tgt Ion: 75 Resp: 4508

Ion Ratio Lower Upper

75 100

77 42.3 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

