

Data File : VV009593.D
Acq On : 11 Mar 2019 14:31
Operator : SY/MD
Sample : VIBLK80
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK80

Quant Time: Mar 12 04:14:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 12 04:11:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	153861	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	149035	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64331	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31233	16.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.44%
7) Chloroethane-d5	1.56	69	34761	12.98	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.92%
10) 1,1-Dichloroethene-d2	2.12	63	69176	14.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.40%
20) 2-Butanone-d5	3.93	46	26817	42.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.98%
24) Chloroform-d	4.40	84	66848	18.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.96%
26) 1,2-Dichloroethane-d4	5.08	65	46696	22.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.56%
29) Benzene-d6	5.10	84	151645	20.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.16%
33) 1,2-Dichloropropane-d6	6.12	67	48359	22.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.80%
37) Toluene-d8	7.36	98	145591	20.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.92%
38) trans-1,3-Dichloropropene-	7.66	79	20041	18.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.96%
39) 2-Hexanone-d5	8.13	63	20173	39.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.36%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47967	20.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.64%
61) 1,2-Dichlorobenzene-d4	11.68	152	50034	21.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.24%

Target Compounds

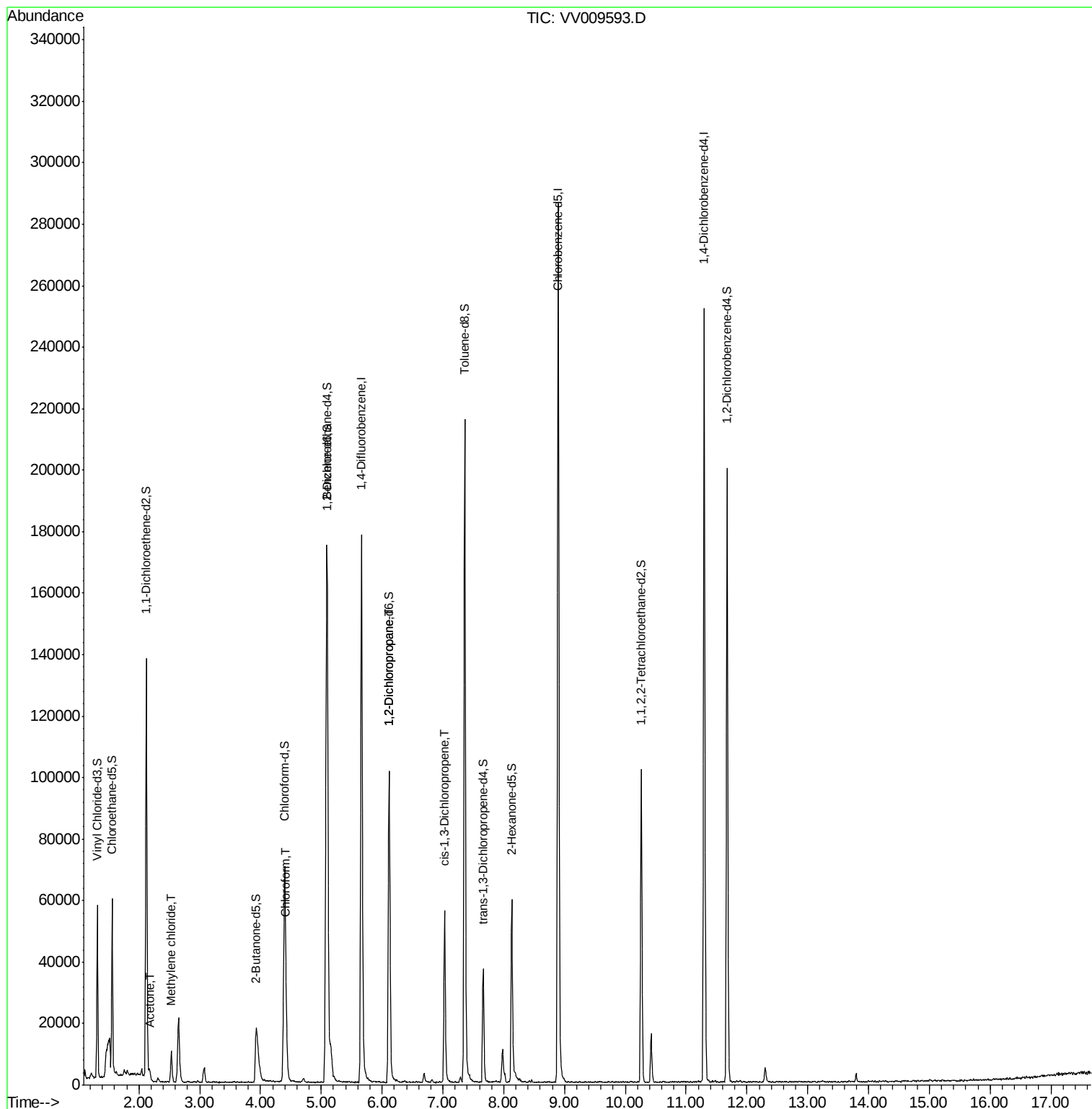
						Qvalue
13) Acetone	2.19	43	1317	2.052	ug/L	77
16) Methylene chloride	2.53	84	4089	2.025	ug/L	97
25) Chloroform	4.43	83	8906	2.465	ug/L	95
40) 1,2-Dichloropropane	6.11	63	5646	2.843	ug/L #	89
42) cis-1,3-Dichloropropene	7.03	75	1814	0.588	ug/L #	78

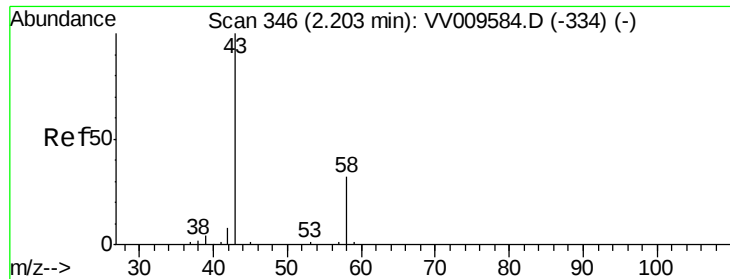
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV009593.D
Acq On : 11 Mar 2019 14:31
Operator : SY/MD
Sample : VIBLK80
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK80

Quant Time: Mar 12 04:14:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 12 04:11:52 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.052 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.01 min

Lab File: VV009593.D

Acq: 11 Mar 2019 14:31

Instrument :

MSVOA_V

ClientSampled :

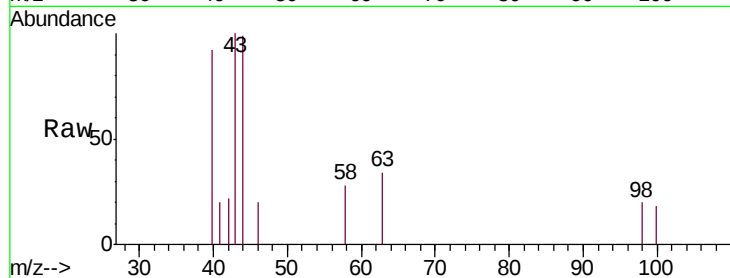
VIBLK80

Tgt Ion: 43 Resp: 1317

Ion Ratio Lower Upper

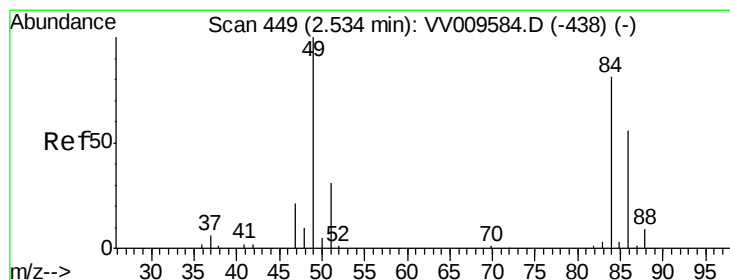
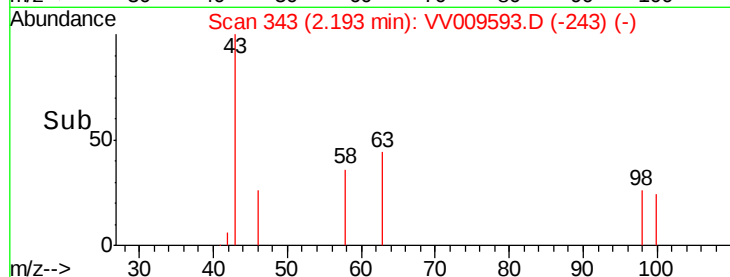
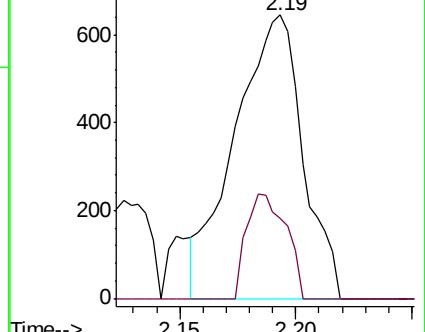
43 100

58 21.2 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV009584.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VV009584.D (-334) (-)



#16

Methylene chloride

Concen: 2.025 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

Lab File: VV009593.D

Acq: 11 Mar 2019 14:31

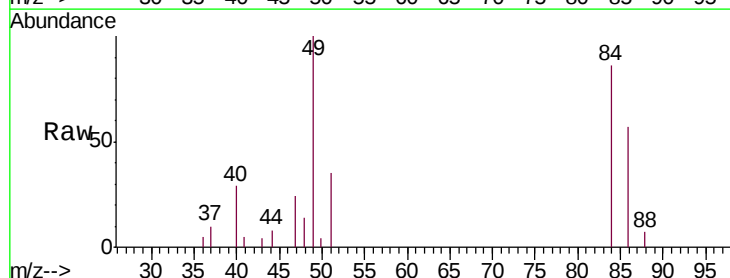
Tgt Ion: 84 Resp: 4089

Ion Ratio Lower Upper

84 100

49 115.7 84.6 157.0

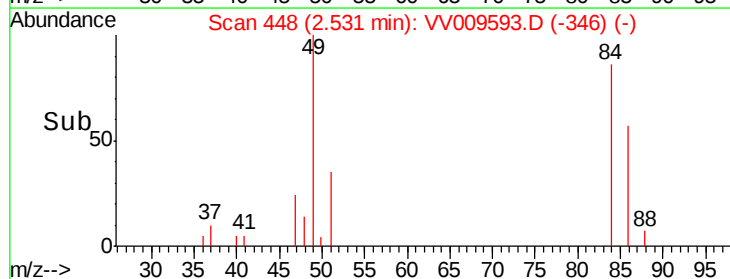
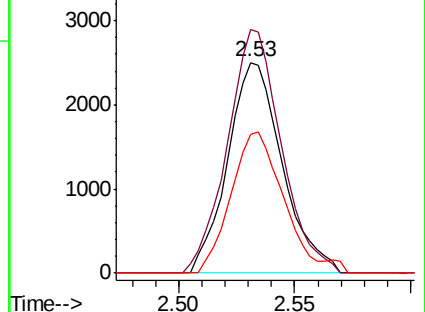
86 66.1 46.1 85.7

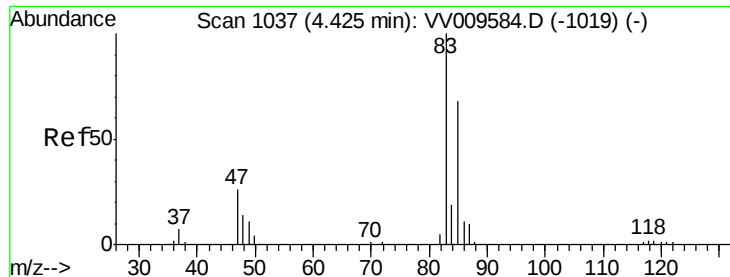


Abundance Ion 84.00 (83.70 to 84.70): VV009584.D (-438) (-)

Ion 49.00 (48.70 to 49.70): VV009584.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV009584.D (-438) (-)

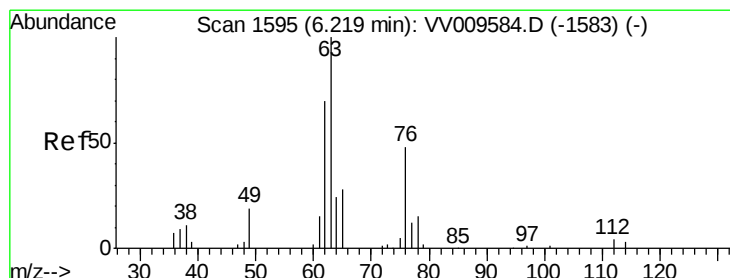
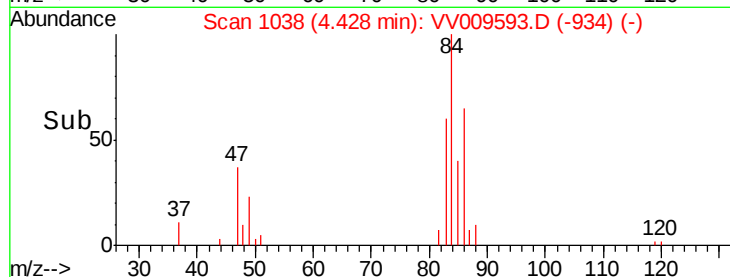
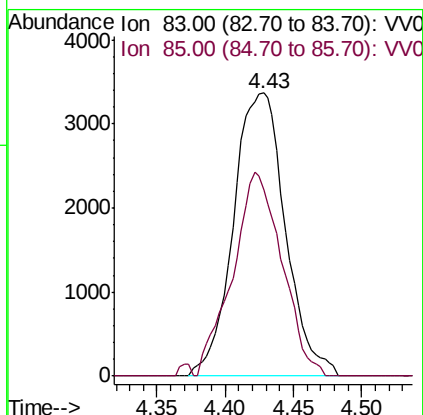
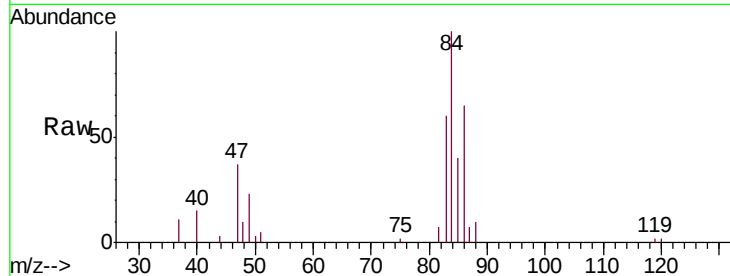




#25
Chloroform
Concen: 2.465 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009593.D
Acq: 11 Mar 2019 14:31

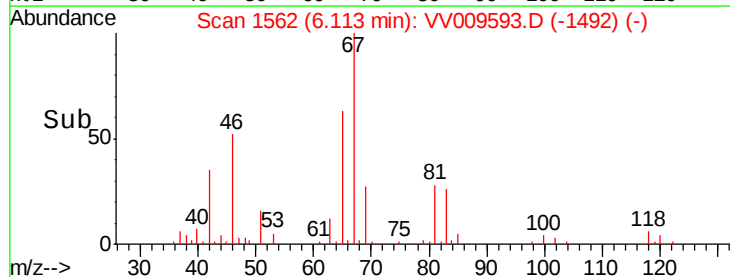
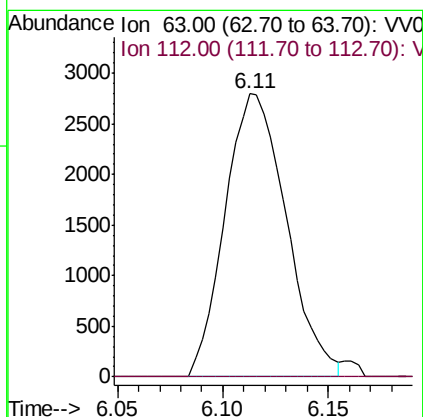
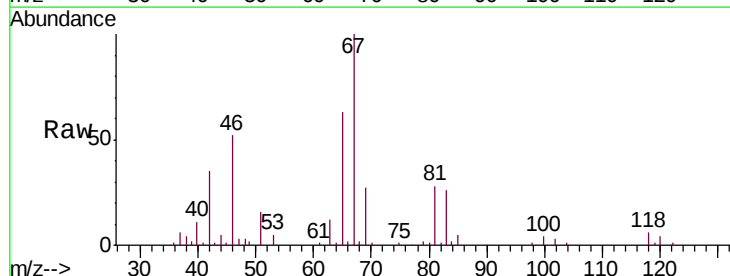
Instrument :
MSVOA_V
ClientSampleId :
VIBLK80

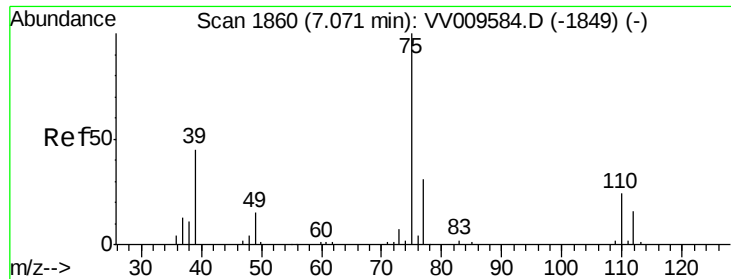
Tgt Ion: 83 Resp: 8906
Ion Ratio Lower Upper
83 100
85 68.5 45.4 84.2



#40
1,2-Dichloropropane
Concen: 2.843 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV009593.D
Acq: 11 Mar 2019 14:31

Tgt Ion: 63 Resp: 5646
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#42
 cis-1,3-Dichloropropene
 Concen: 0.588 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009593.D
 Acq: 11 Mar 2019 14:31

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK80

Tgt Ion: 75 Resp: 1814
 Ion Ratio Lower Upper
 75 100
 77 42.8 21.4 39.8#

