

Data File : VV009568.D
Acq On : 10 Mar 2019 15:47
Operator : SY/MD
Sample : K1838-05
Misc : 5.54G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF1J3

Quant Time: Mar 11 04:52:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 04:48:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	151336	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	142409	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62458	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32832	18.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.08%
7) Chloroethane-d5	1.57	69	54931	20.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.40%
10) 1,1-Dichloroethene-d2	2.13	63	78169	16.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.96%
20) 2-Butanone-d5	3.95	46	21662	34.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.78%
24) Chloroform-d	4.40	84	86863	24.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.36%
26) 1,2-Dichloroethane-d4	5.08	65	48957	23.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.48%
29) Benzene-d6	5.10	84	168245	23.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.40%
33) 1,2-Dichloropropane-d6	6.12	67	53829	25.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.44%
37) Toluene-d8	7.36	98	163245	23.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.96%
38) trans-1,3-Dichloropropene-	7.67	79	21608	21.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.68%
39) 2-Hexanone-d5	8.14	63	18652	38.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.80%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	46757	21.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.32%
61) 1,2-Dichlorobenzene-d4	11.68	152	56205	24.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.60%

Target Compounds

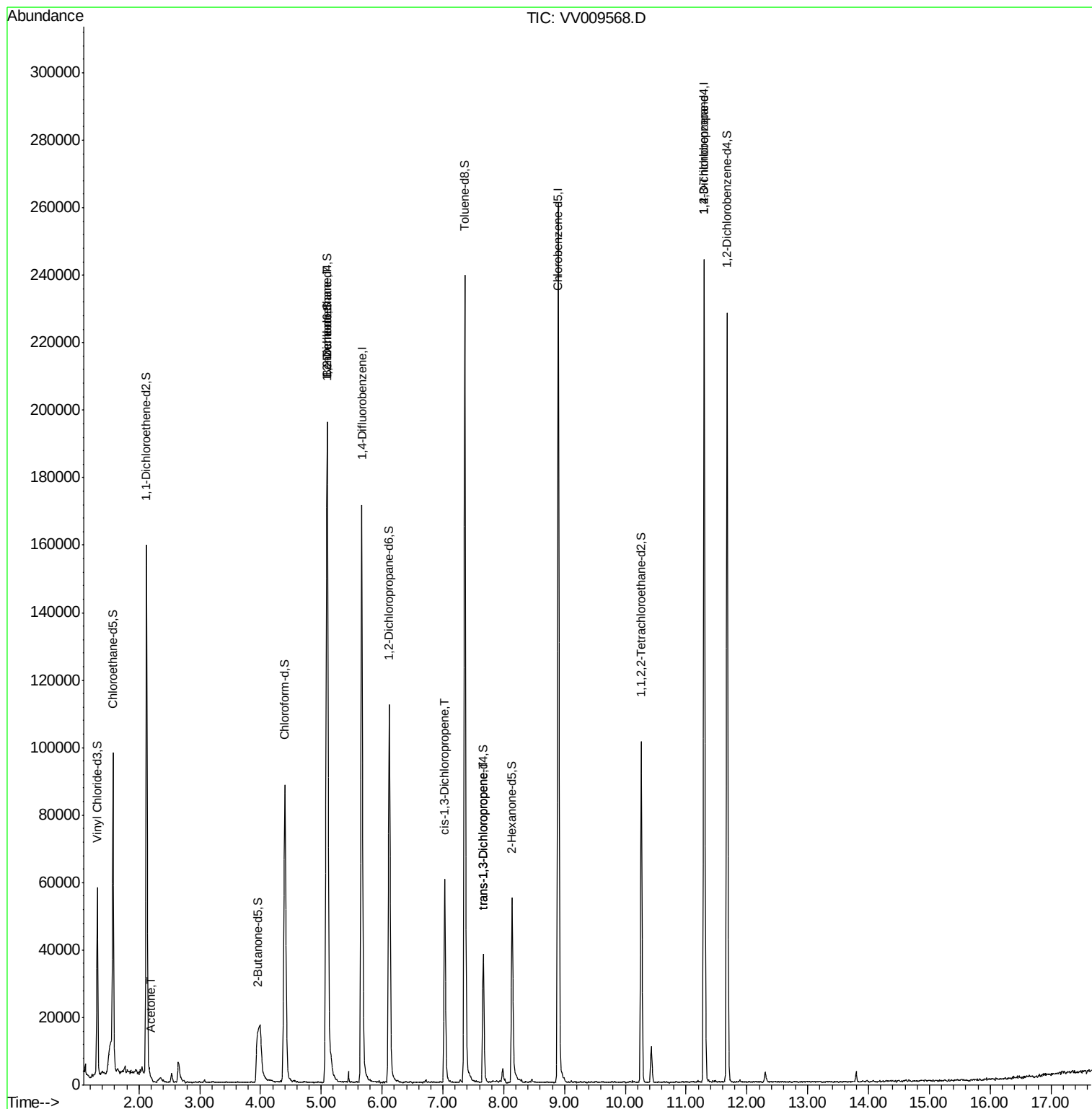
					Qvalue
13) Acetone	2.21	43	1227	1.944 ug/L	84
27) 1,2-Dichloroethane	5.10	62	959	0.389 ug/L #	77
42) cis-1,3-Dichloropropene	7.03	75	1934	0.657 ug/L #	79
45) trans-1,3-Dichloropropene	7.66	75	1232	0.479 ug/L	99
59) 1,2,3-Trichloropropane	11.30	75	8982	5.598 ug/L	91

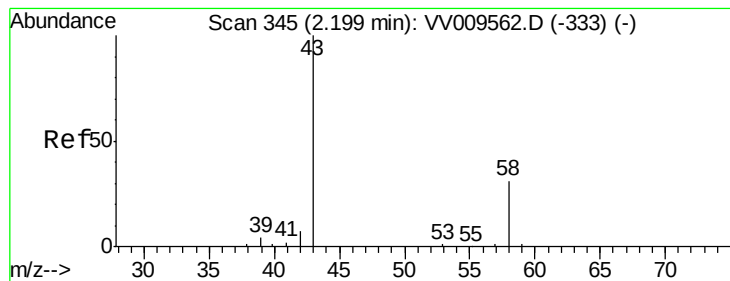
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV009568.D
Acq On : 10 Mar 2019 15:47
Operator : SY/MD
Sample : K1838-05
Misc : 5.54G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF1J3

Quant Time: Mar 11 04:52:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 04:48:46 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.944 ug/L

RT: 2.21 min Scan# 347

Delta R.T. 0.01 min

Lab File: VV009568.D

Acq: 10 Mar 2019 15:47

Instrument :

MSVOA_V

ClientSampleId :

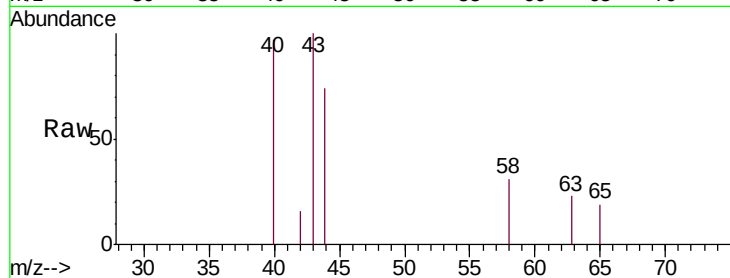
BF1J3

Tgt Ion: 43 Resp: 1227

Ion Ratio Lower Upper

43 100

58 25.1 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV009568.D (-242) (-)

Ion 58.00 (57.70 to 58.70): VV009568.D (-242) (-)

2.21

600

400

200

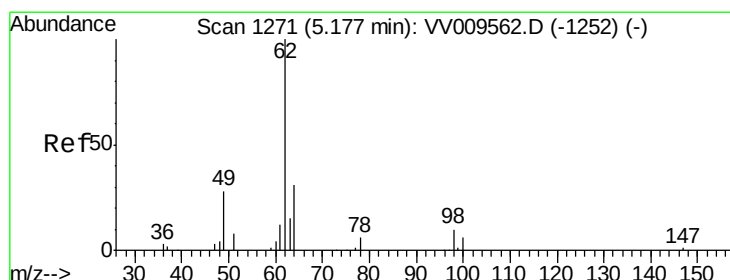
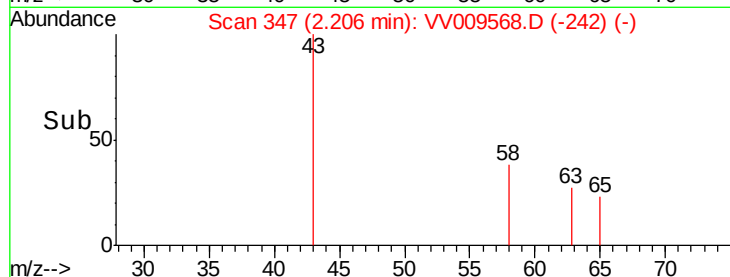
0

2.15

2.20

2.25

Time-->



#27

1,2-Dichloroethane

Concen: 0.389 ug/L

RT: 5.10 min Scan# 1247

Delta R.T. -0.08 min

Lab File: VV009568.D

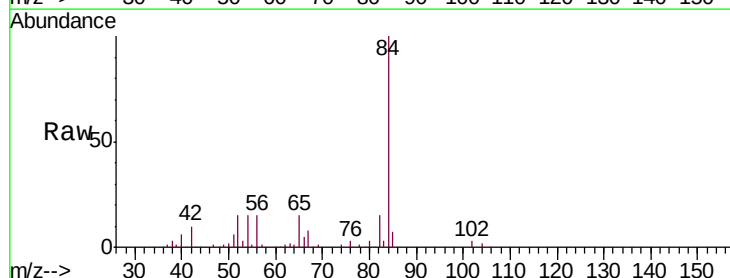
Acq: 10 Mar 2019 15:47

Tgt Ion: 62 Resp: 959

Ion Ratio Lower Upper

62 100

98 0.0 6.6 10.0#



Abundance Ion 62.00 (61.70 to 62.70): VV009568.D (-1168) (-)

Ion 98.00 (97.70 to 98.70): VV009568.D (-1168) (-)

5.10

500

400

300

200

100

0

5.06

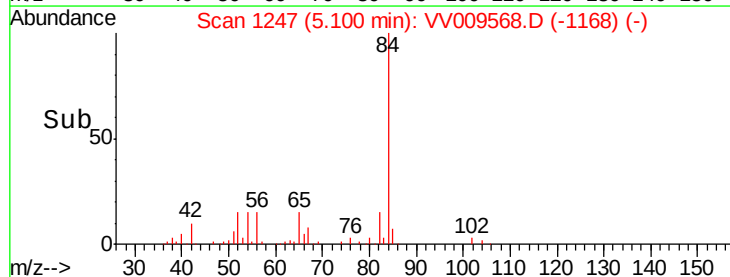
5.08

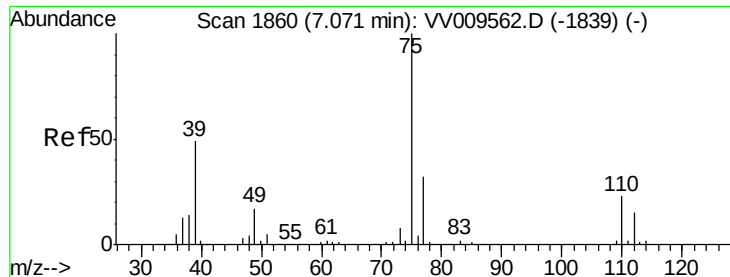
5.10

5.12

5.14

Time-->



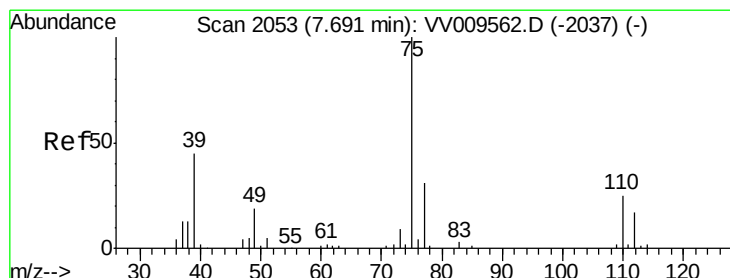
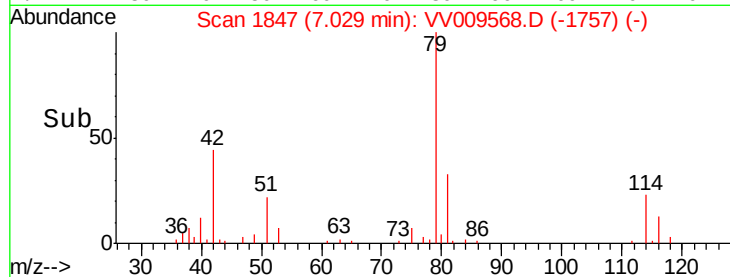
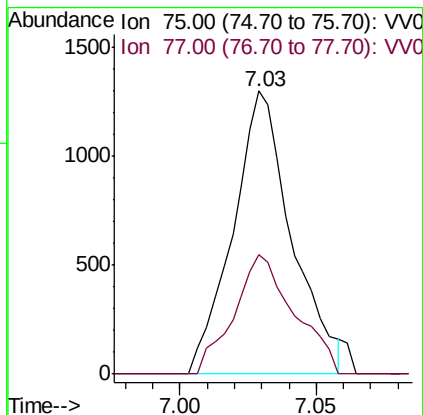
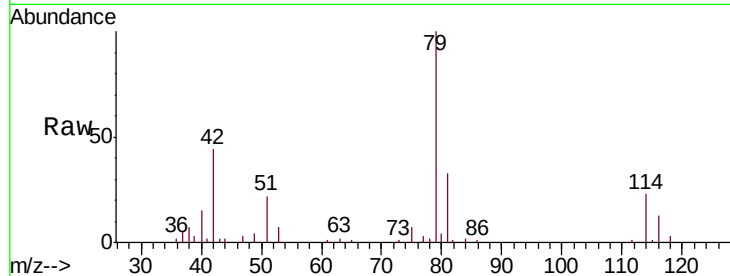


#42

cis-1,3-Dichloropropene
 Concen: 0.657 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009568.D
 Acq: 10 Mar 2019 15:47

Instrument :
 MSVOA_V
 ClientSampled :
 BF1J3

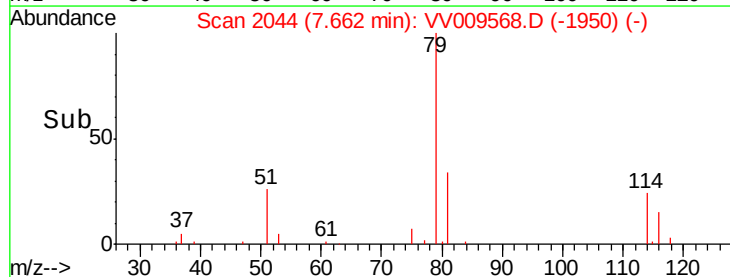
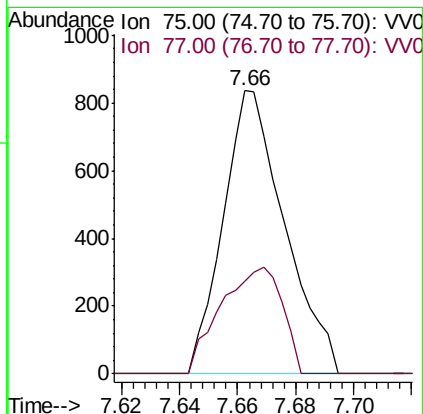
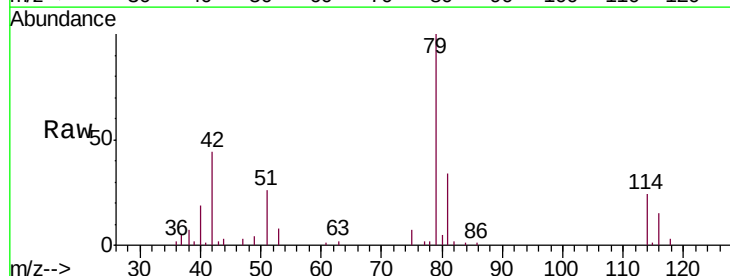
Tgt Ion: 75 Resp: 1934
 Ion Ratio Lower Upper
 75 100
 77 42.1 21.4 39.8#

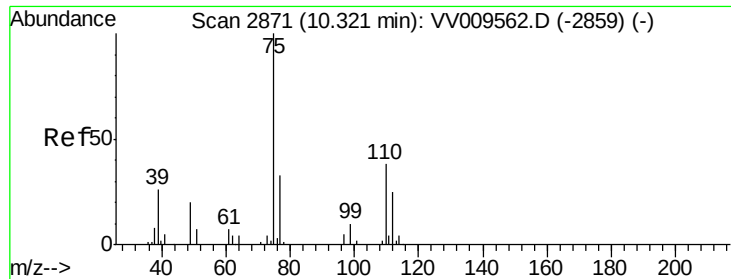


#45

trans-1,3-Dichloropropene
 Concen: 0.479 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV009568.D
 Acq: 10 Mar 2019 15:47

Tgt Ion: 75 Resp: 1232
 Ion Ratio Lower Upper
 75 100
 77 32.8 22.5 41.7





#59
 1,2,3-Trichloropropane
 Concen: 5.598 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.97 min
 Lab File: VV009568.D
 Acq: 10 Mar 2019 15:47

Instrument :
 MSVOA_V
 ClientSampleId :
 BF1J3

Tgt Ion: 75 Resp: 8982
 Ion Ratio Lower Upper
 75 100
 77 37.4 25.9 38.9

