

Data File : VV010306.D
Acq On : 13 Apr 2019 00:37
Operator : SY/MD
Sample : K2328-23
Misc : 4.57G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB741

Quant Time: Apr 13 05:54:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 05:50:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	296384	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	280022	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	112105	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	44230	12.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.84%
7) Chloroethane-d5	1.56	69	51696	17.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.52%
10) 1,1-Dichloroethene-d2	2.12	63	74979	8.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	34.52%#
20) 2-Butanone-d5	3.92	46	43481	50.36	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.72%
24) Chloroform-d	4.39	84	130844	19.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.32%
26) 1,2-Dichloroethane-d4	5.07	65	87496	22.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.80%
29) Benzene-d6	5.09	84	270758	20.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.20%
33) 1,2-Dichloropropane-d6	6.11	67	89768	22.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.40%
37) Toluene-d8	7.36	98	240430	18.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.04%
38) trans-1,3-Dichloropropene-	7.66	79	30774	18.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.52%
39) 2-Hexanone-d5	8.13	63	27783	40.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.10%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	80995	22.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.88%
61) 1,2-Dichlorobenzene-d4	11.67	152	91152	22.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.08%

Target Compounds

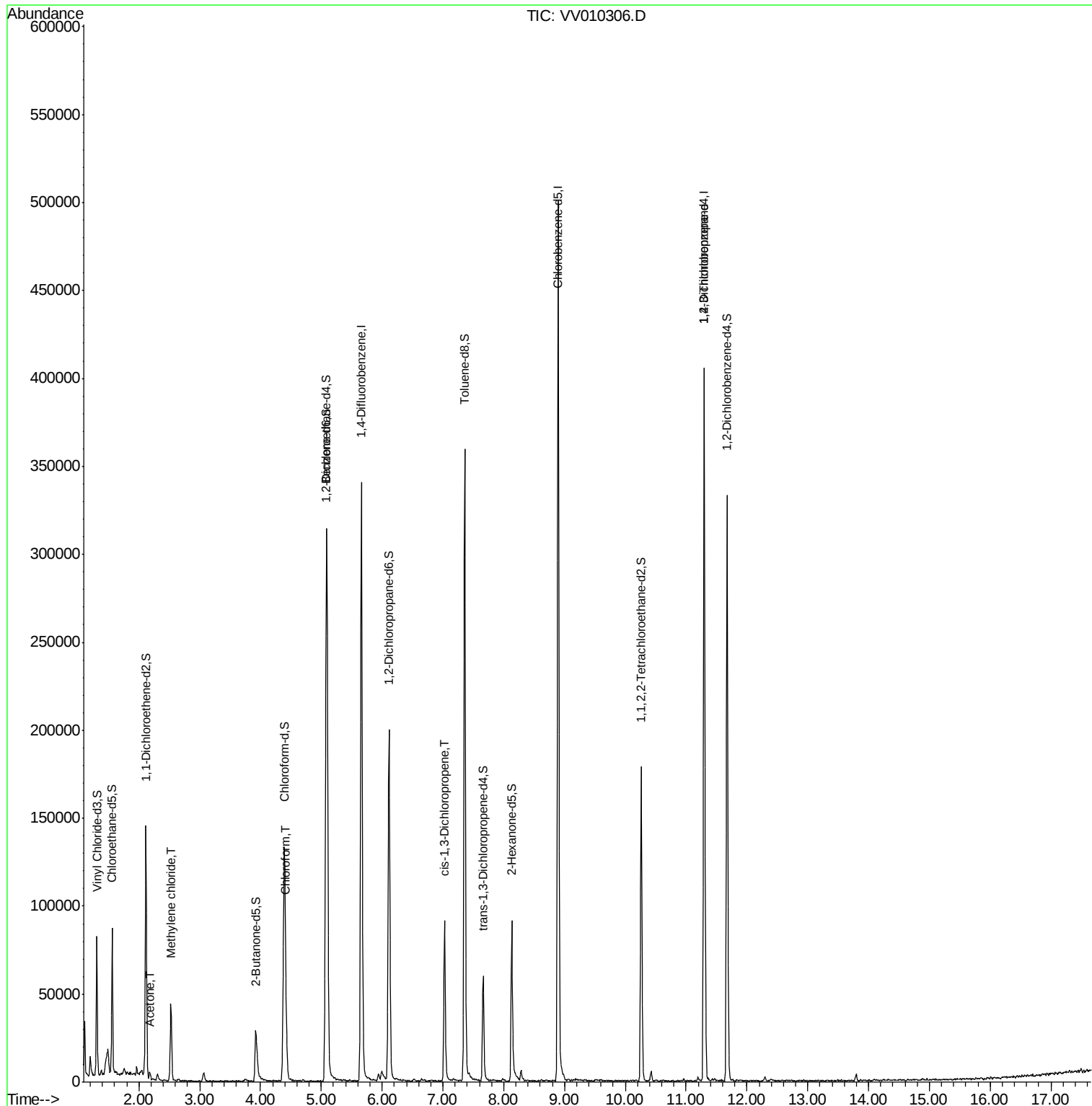
					Qvalue
13) Acetone	2.18	43	3183	3.450 ug/L	75
16) Methylene chloride	2.53	84	17041	2.936 ug/L	91
25) Chloroform	4.42	83	18150	2.500 ug/L	90
42) cis-1,3-Dichloropropene	7.03	75	2903	0.552 ug/L	99
59) 1,2,3-Trichloropropane	11.30	75	14331	5.347 ug/L	93

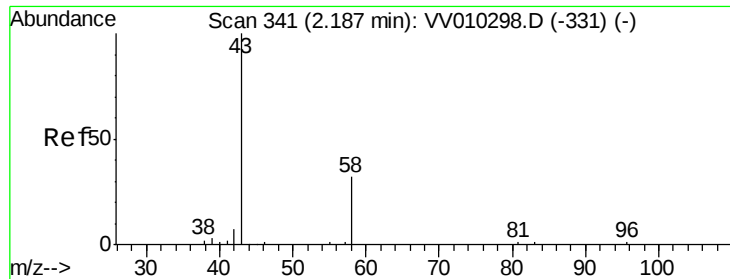
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV010306.D
Acq On : 13 Apr 2019 00:37
Operator : SY/MD
Sample : K2328-23
Misc : 4.57G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB741

Quant Time: Apr 13 05:54:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 05:50:22 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.450 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.01 min

Lab File: VV010306.D

Acq: 13 Apr 2019 00:37

Instrument :

MSVOA_V

ClientSampleId :

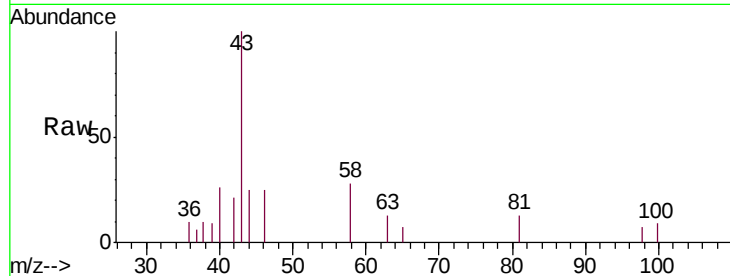
DB741

Tgt Ion: 43 Resp: 3183

Ion Ratio Lower Upper

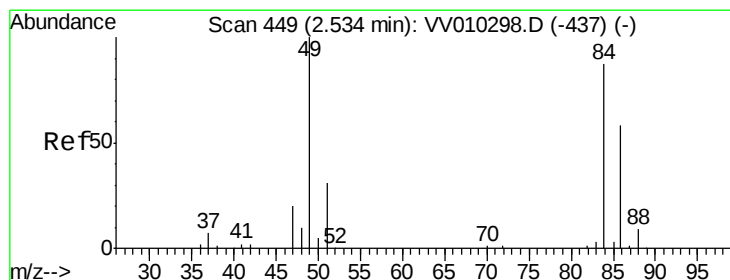
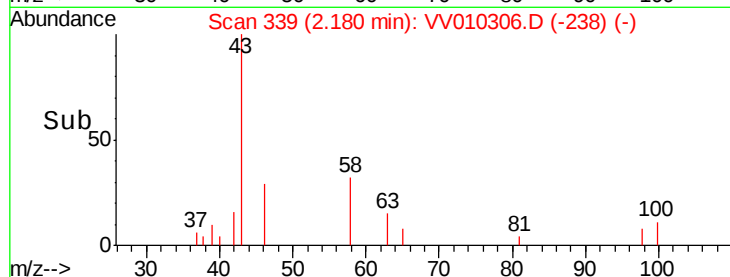
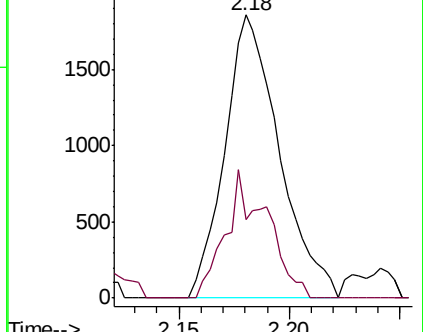
43 100

58 17.1 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010298.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010298.D (-331) (-)



#16

Methylene chloride

Concen: 2.936 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.01 min

Lab File: VV010306.D

Acq: 13 Apr 2019 00:37

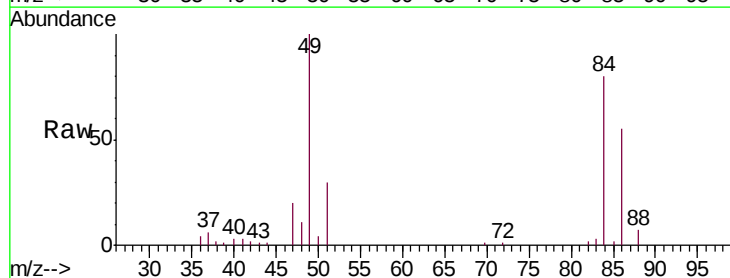
Tgt Ion: 84 Resp: 17041

Ion Ratio Lower Upper

84 100

49 125.4 79.9 148.5

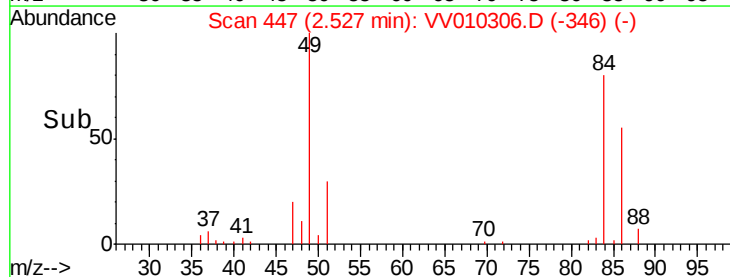
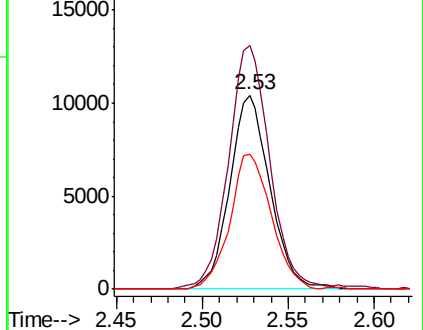
86 69.6 44.5 82.7

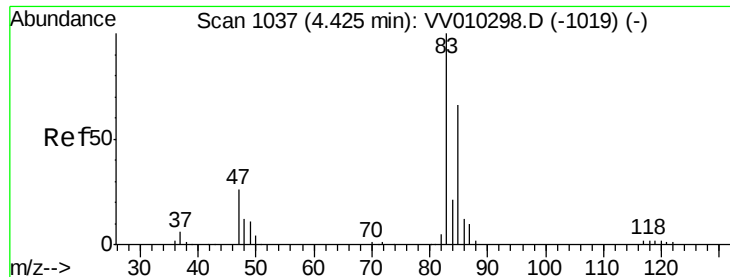


Abundance Ion 84.00 (83.70 to 84.70): VV010298.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV010298.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV010298.D (-437) (-)

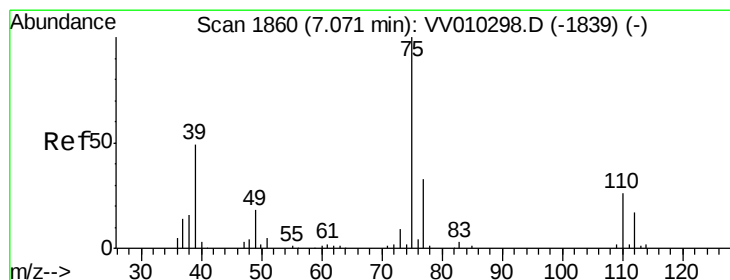
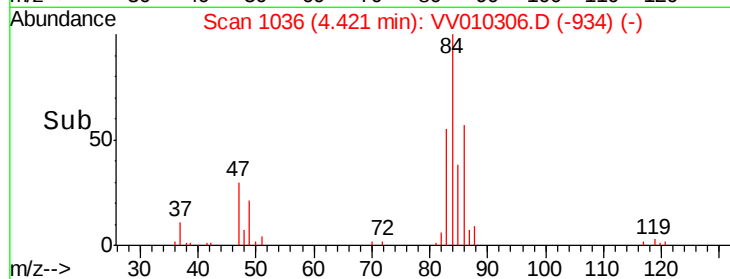
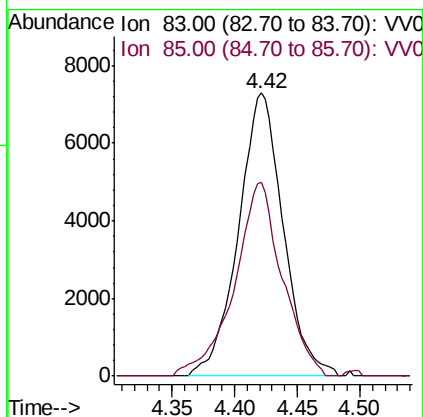
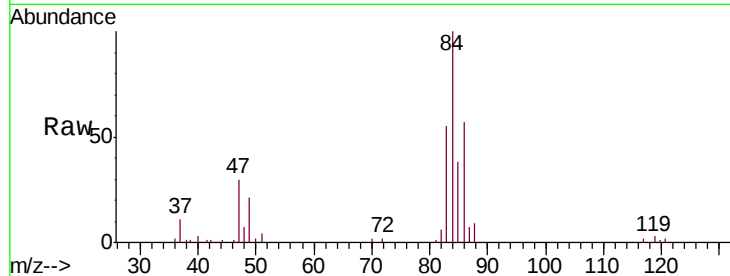




#25
Chloroform
Concen: 2.500 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV010306.D
Acq: 13 Apr 2019 00:37

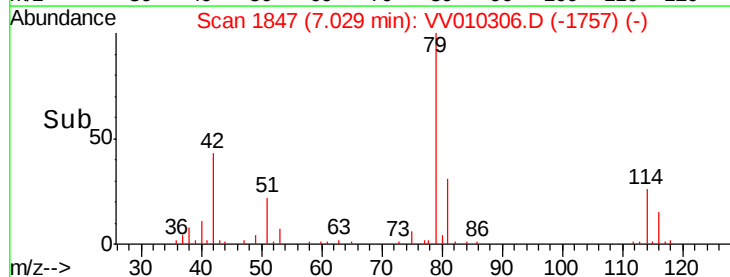
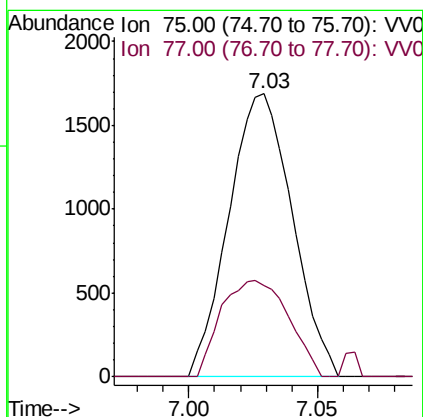
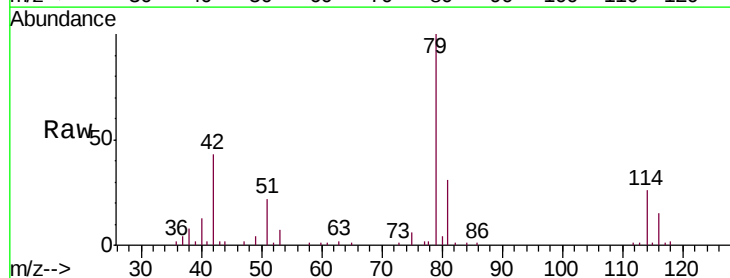
Instrument :
MSVOA_V
ClientSampleId :
DB741

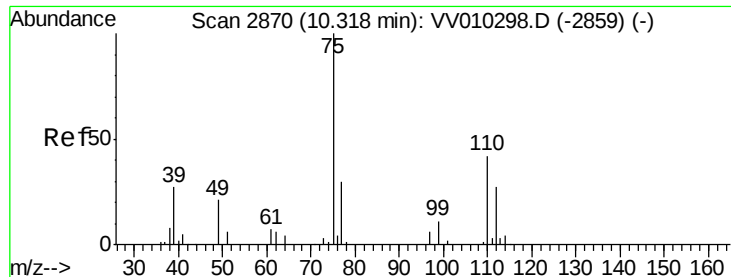
Tgt Ion: 83 Resp: 18150
Ion Ratio Lower Upper
83 100
85 72.9 45.4 84.2



#42
cis-1,3-Dichloropropene
Concen: 0.552 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010306.D
Acq: 13 Apr 2019 00:37

Tgt Ion: 75 Resp: 2903
Ion Ratio Lower Upper
75 100
77 32.1 21.9 40.7





#59

1,2,3-Trichloropropane

Concen: 5.347 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010306.D

Acq: 13 Apr 2019 00:37

Instrument :

MSVOA_V

ClientSampleId :

DB741

Tgt Ion: 75 Resp: 14331

Ion Ratio Lower Upper

75 100

77 37.8 26.9 40.3

