

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV033019\
 Data File : VV010036.D
 Acq On : 30 Mar 2019 22:27
 Operator : SY/MD
 Sample : K2122-10
 Misc : 5.00G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Mar 30 23:37:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 23:31:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	128652	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	129949	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54189	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53896	20.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.56%
7) Chloroethane-d5	1.56	69	67364	23.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.56%
10) 1,1-Dichloroethene-d2	2.12	63	125660	17.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.40%
20) 2-Butanone-d5	3.94	46	41868	86.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	172.12%#
24) Chloroform-d	4.40	84	76380	23.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.08	65	59223	30.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.08%
29) Benzene-d6	5.10	84	174440	25.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.24%
33) 1,2-Dichloropropane-d6	6.12	67	54164	27.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.52%
37) Toluene-d8	7.36	98	150849	23.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.40%
38) trans-1,3-Dichloropropene-	7.66	79	18788	23.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.00%
39) 2-Hexanone-d5	8.13	63	29027	77.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	155.78%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	60885	30.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.20%#
61) 1,2-Dichlorobenzene-d4	11.68	152	54618	26.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.88%

Target Compounds

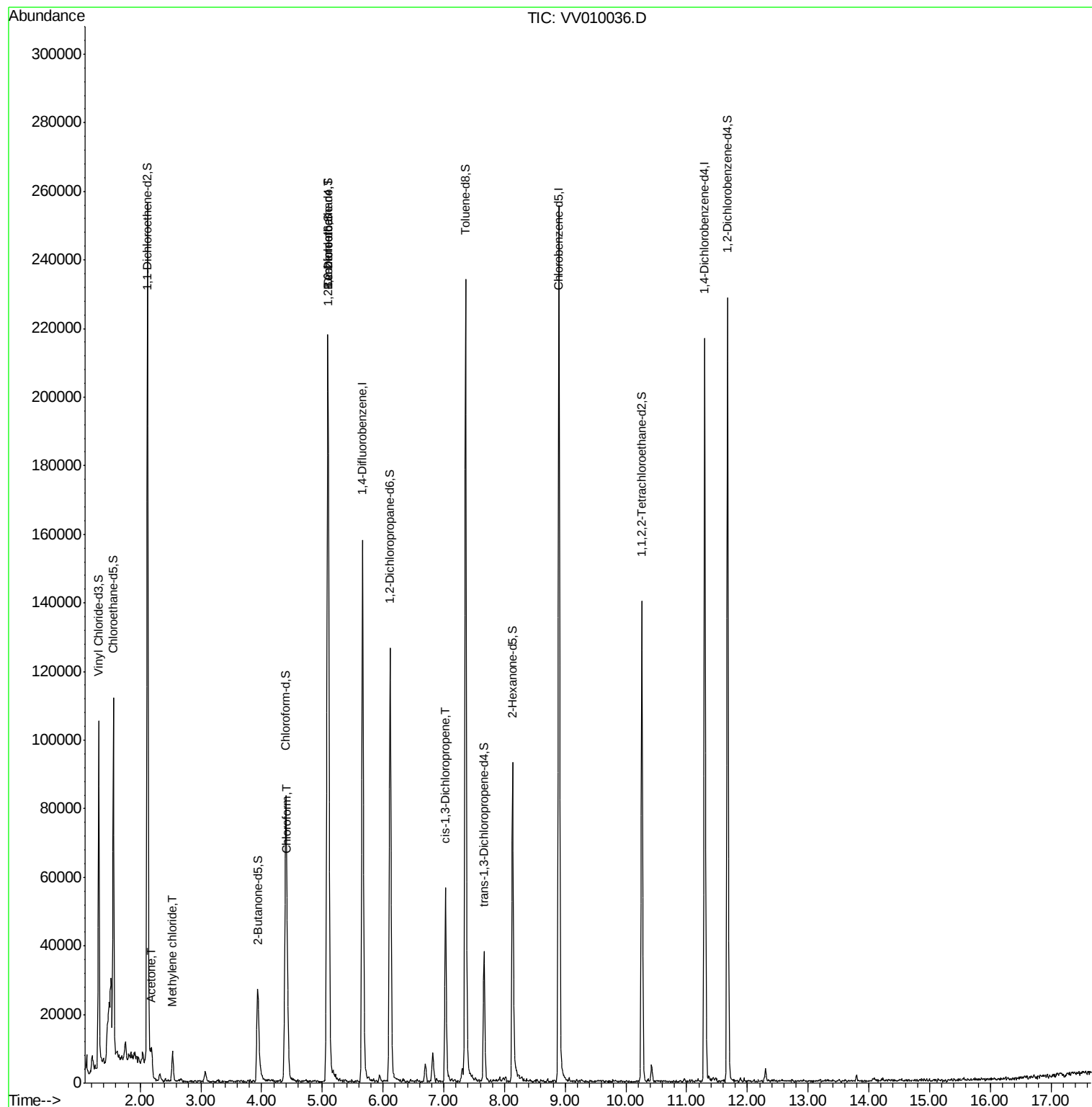
					Qvalue
13) Acetone	2.19	43	2355	3.197 ug/L	93
16) Methylene chloride	2.53	84	3375	1.593 ug/L	89
25) Chloroform	4.43	83	12812	3.759 ug/L	87
27) 1,2-Dichloroethane	5.10	62	1099	0.455 ug/L #	75
42) cis-1,3-Dichloropropene	7.03	75	1807	0.695 ug/L	89

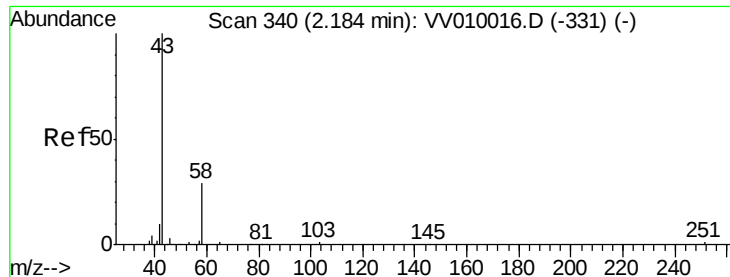
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV033019\
Data File : VV010036.D
Acq On : 30 Mar 2019 22:27
Operator : SY/MD
Sample : K2122-10
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Mar 30 23:37:02 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 23:31:11 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.197 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

Lab File: VV010036.D

Acq: 30 Mar 2019 22:27

Instrument :

MSVOA_V

ClientSampled :

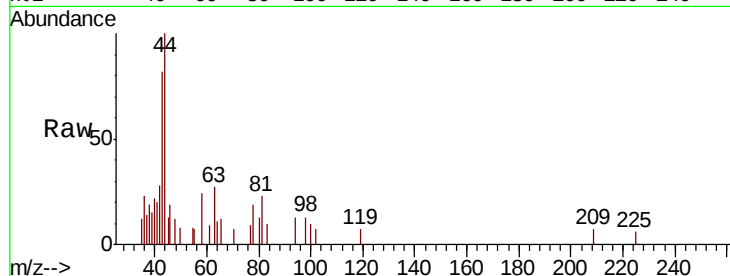
VHBLK01

Tgt Ion: 43 Resp: 2355

Ion Ratio Lower Upper

43 100

58 26.1 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

1500

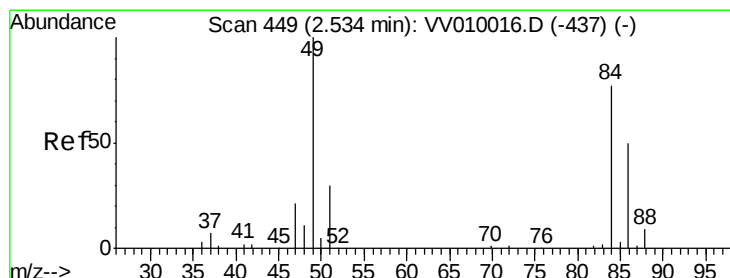
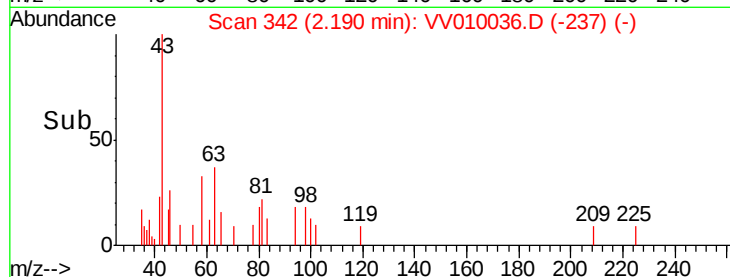
1000

500

0

2.15 2.20 2.25

Time-->



#16

Methylene chloride

Concen: 1.593 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV010036.D

Acq: 30 Mar 2019 22:27

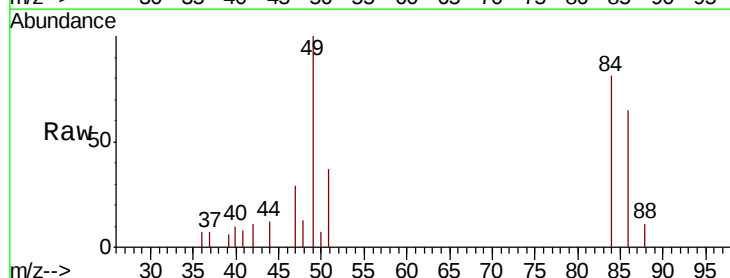
Tgt Ion: 84 Resp: 3375

Ion Ratio Lower Upper

84 100

49 122.9 90.4 167.8

86 80.4 44.0 81.6



Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

3000

2500

2000

1500

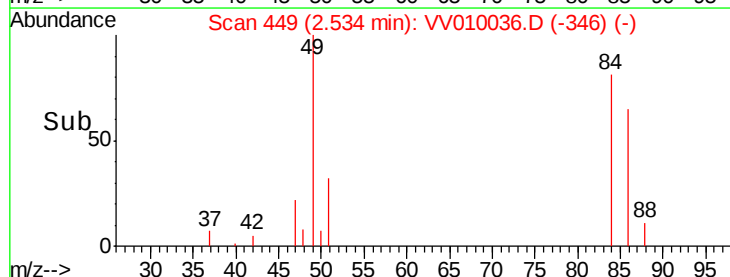
1000

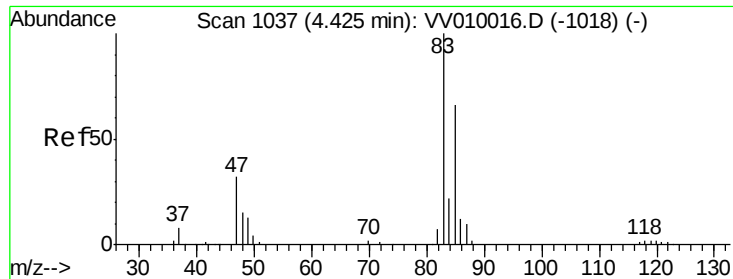
500

0

2.50 2.55

Time-->

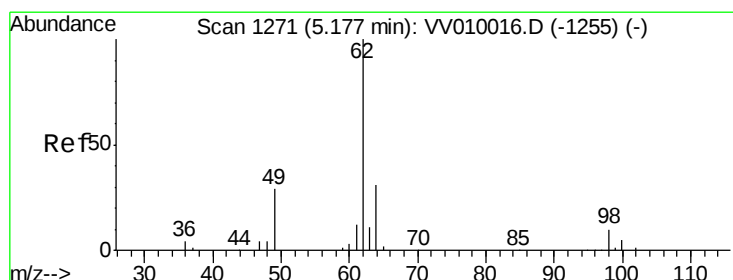
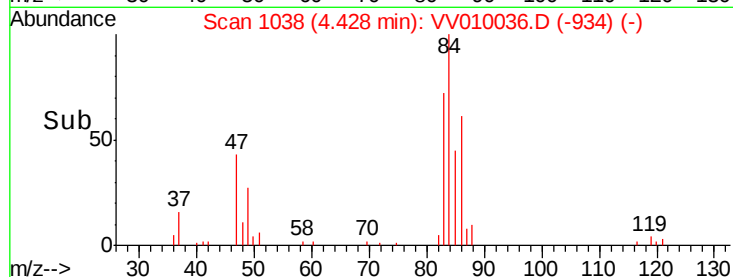
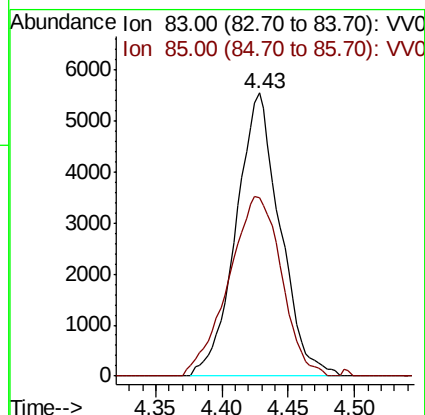
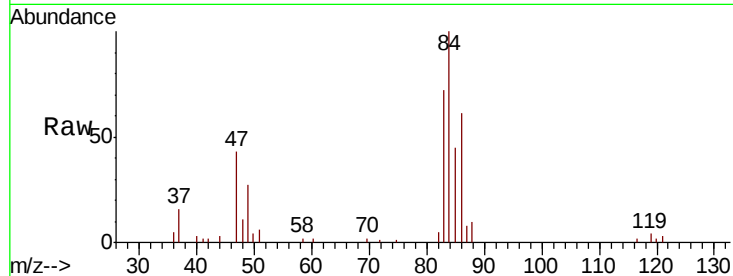




#25
Chloroform
Concen: 3.759 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010036.D
Acq: 30 Mar 2019 22:27

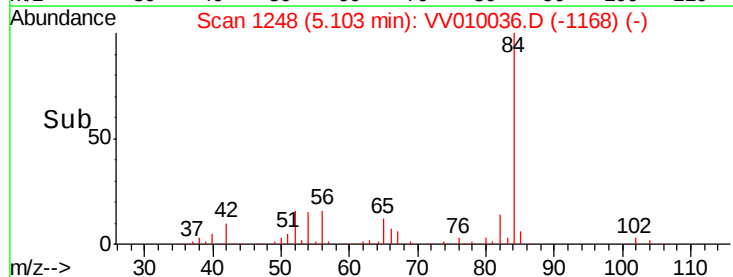
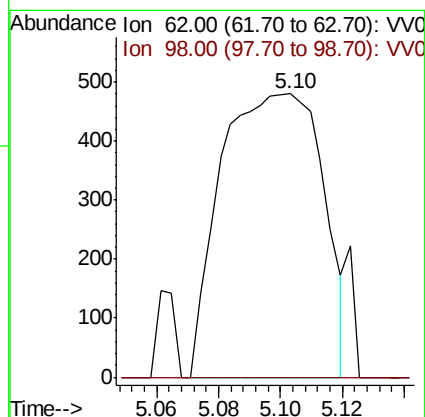
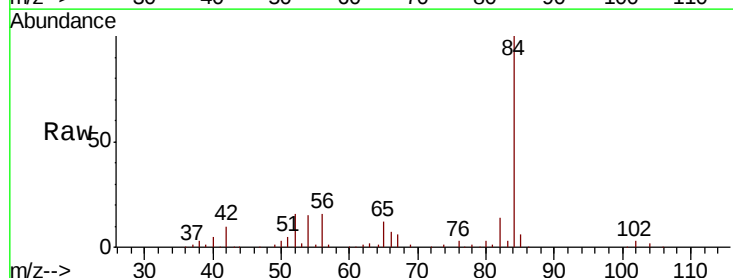
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

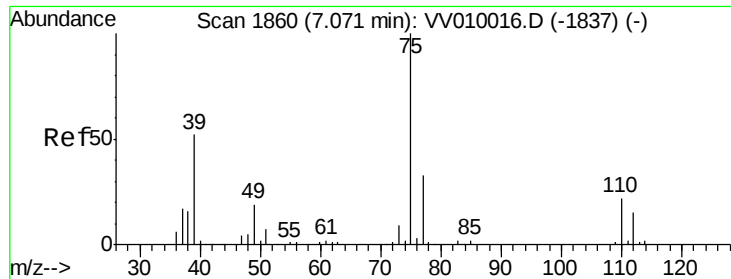
Tgt Ion: 83 Resp: 12812
Ion Ratio Lower Upper
83 100
85 76.1 46.1 85.7



#27
1,2-Dichloroethane
Concen: 0.455 ug/L
RT: 5.10 min Scan# 1248
Delta R.T. -0.07 min
Lab File: VV010036.D
Acq: 30 Mar 2019 22:27

Tgt Ion: 62 Resp: 1099
Ion Ratio Lower Upper
62 100
98 0.0 7.2 10.8#





#42

cis-1,3-Dichloropropene
Concen: 0.695 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV010036.D
Acq: 30 Mar 2019 22:27

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 1807
Ion Ratio Lower Upper
75 100
77 37.5 21.8 40.6

