

Data File : VV011020.D
Acq On : 22 May 2019 16:07
Operator : SY/MD
Sample : K3006-06
Misc : 4.45G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHC1

Quant Time: May 23 08:05:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Thu May 23 08:00:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	115191	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	114767	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46410	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21208	16.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.60%
7) Chloroethane-d5	1.57	69	16903	19.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.04%
10) 1,1-Dichloroethene-d2	2.12	63	31807	12.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.40%
20) 2-Butanone-d5	3.94	46	22562	49.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.58%
24) Chloroform-d	4.40	84	56012	18.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.08%
26) 1,2-Dichloroethane-d4	5.08	65	37332	21.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.92%
29) Benzene-d6	5.09	84	126225	20.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.60%
33) 1,2-Dichloropropane-d6	6.11	67	43258	21.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.92%
37) Toluene-d8	7.36	98	104389	17.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.68%
38) trans-1,3-Dichloropropene-	7.66	79	14846	18.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.64%
39) 2-Hexanone-d5	8.13	63	16553	44.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.16%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	42413	21.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.36%
61) 1,2-Dichlorobenzene-d4	11.67	152	40544	21.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.08%

Target Compounds

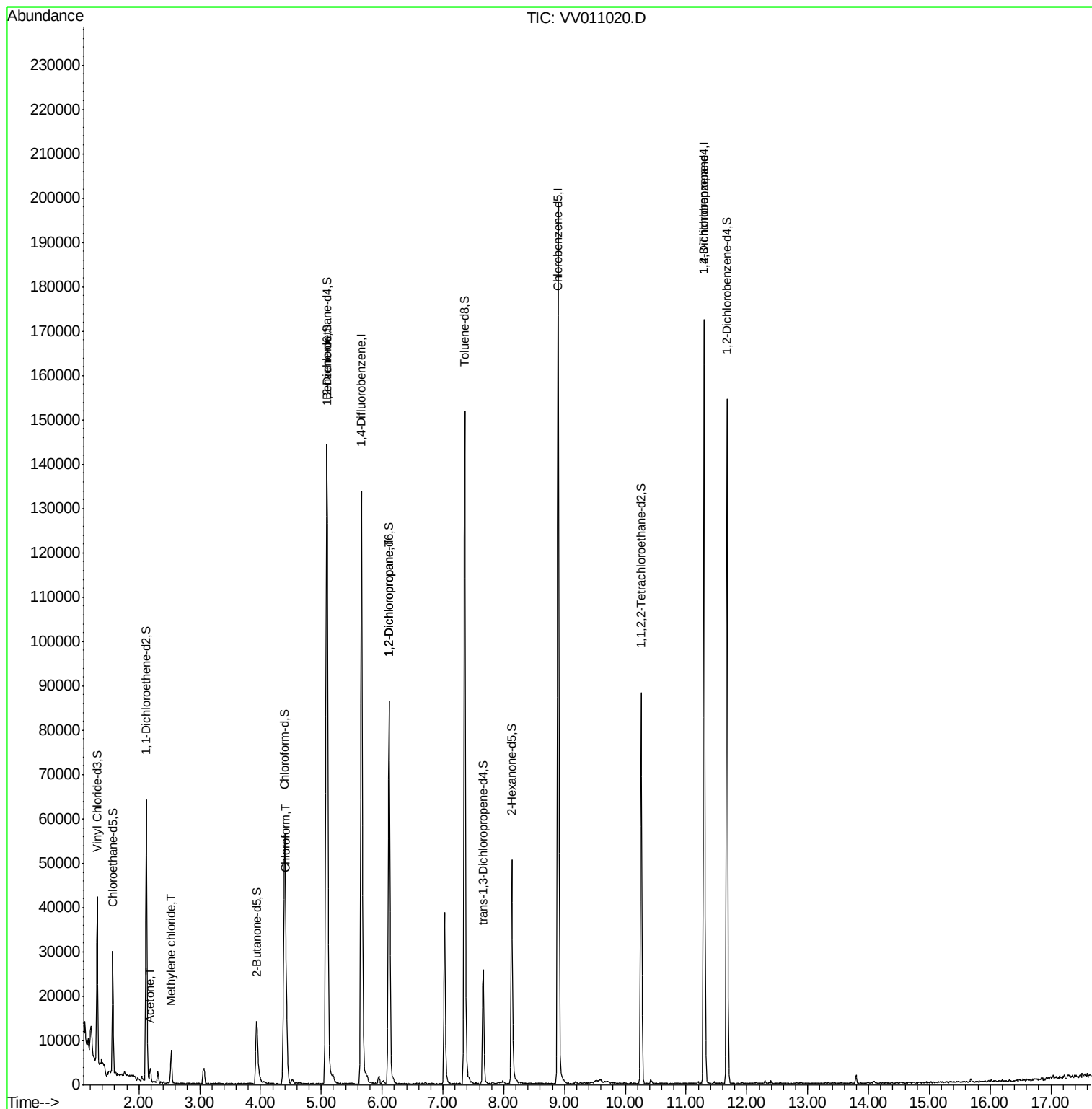
					Qvalue
13) Acetone	2.19	43	1971	4.511 ug/L	87
16) Methylene chloride	2.53	84	2890	1.462 ug/L	87
25) Chloroform	4.42	83	11200	3.242 ug/L #	64
40) 1,2-Dichloropropane	6.11	63	4719	2.714 ug/L #	86
59) 1,2,3-Trichloropropane	11.29	75	5553	3.875 ug/L	90

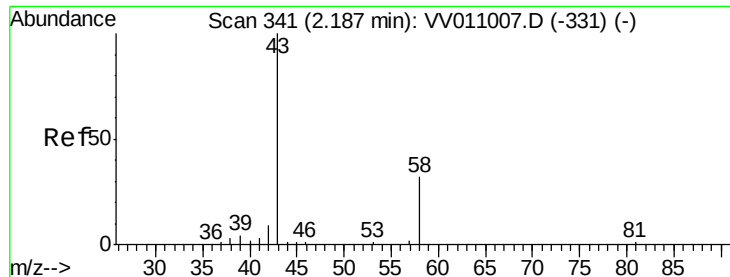
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV011020.D
Acq On : 22 May 2019 16:07
Operator : SY/MD
Sample : K3006-06
Misc : 4.45G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHC1

Quant Time: May 23 08:05:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Thu May 23 08:00:26 2019
Response via : Initial Calibration





#13

Acetone

Concen: 4.511 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV011020.D

Acq: 22 May 2019 16:07

Instrument :

MSVOA_V

ClientSampled :

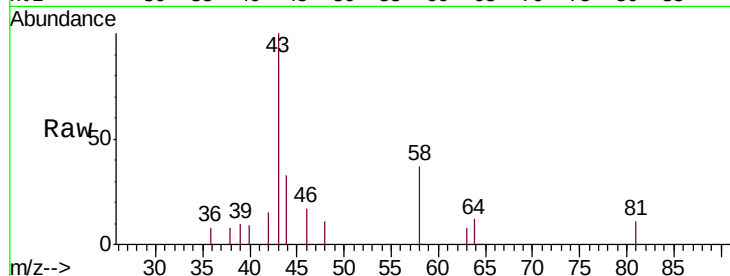
BFHC1

Tgt Ion: 43 Resp: 1971

Ion Ratio Lower Upper

43 100

58 37.7 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV011007.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV011007.D (-331) (-)

2.19

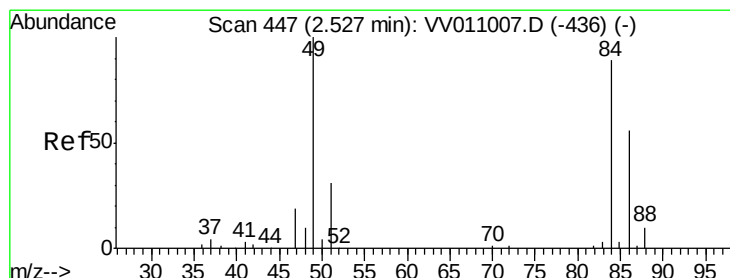
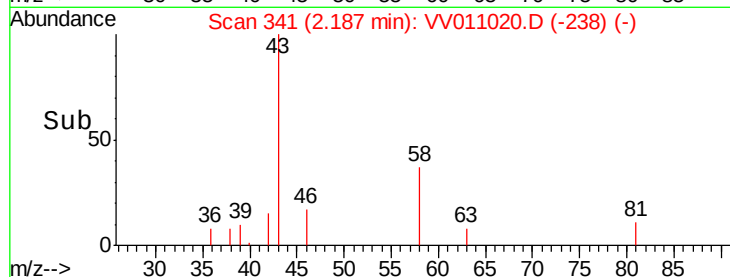
1500

1000

500

0

Time-->



#16

Methylene chloride

Concen: 1.462 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.01 min

Lab File: VV011020.D

Acq: 22 May 2019 16:07

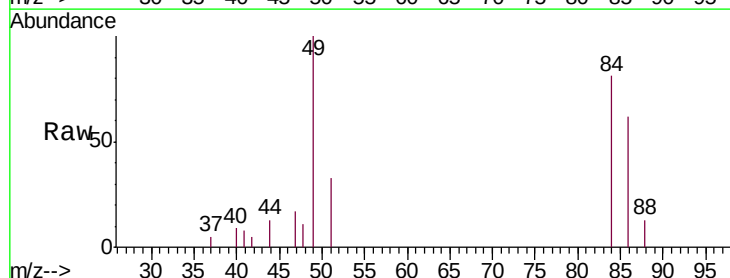
Tgt Ion: 84 Resp: 2890

Ion Ratio Lower Upper

84 100

49 122.7 77.4 143.8

86 75.5 44.0 81.6



Abundance Ion 84.00 (83.70 to 84.70): VV011007.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV011007.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV011007.D (-436) (-)

2.53

3000

2500

2000

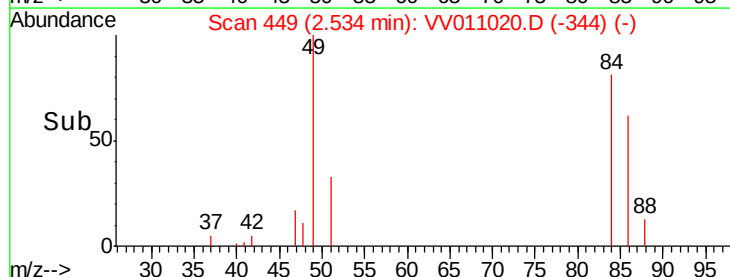
1500

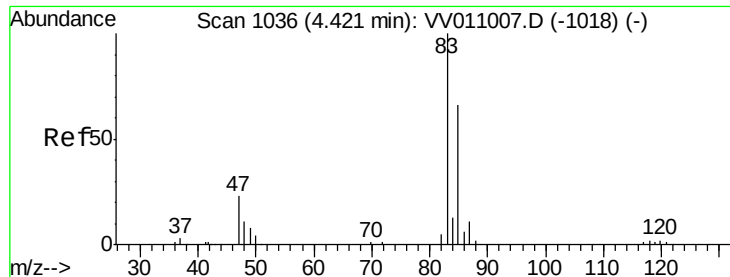
1000

500

0

Time-->

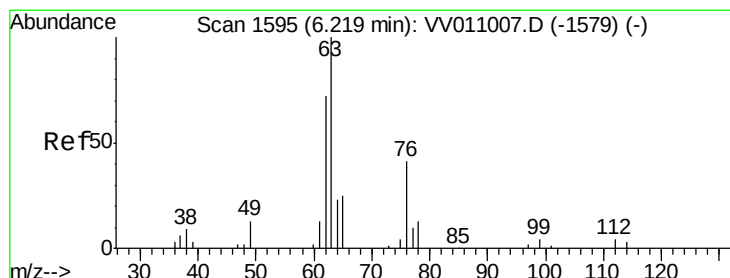
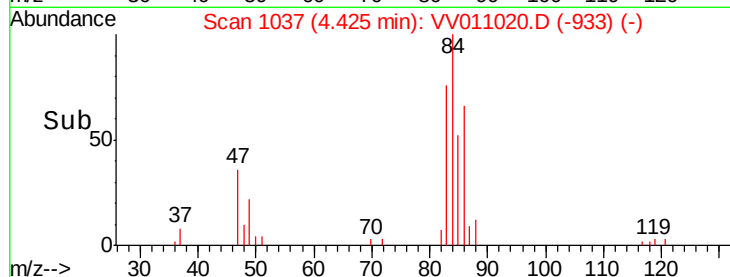
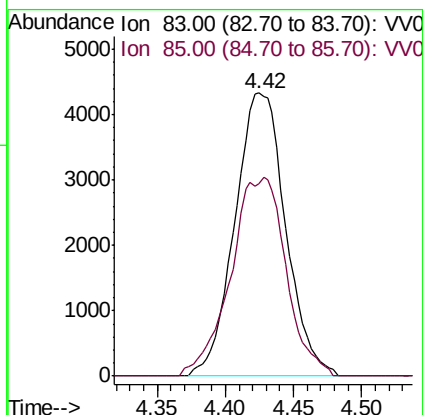
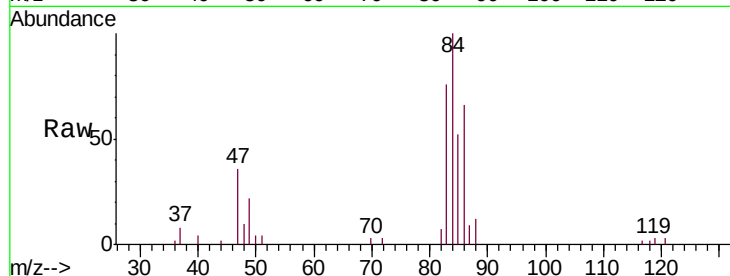




#25
Chloroform
Concen: 3.242 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV011020.D
Acq: 22 May 2019 16:07

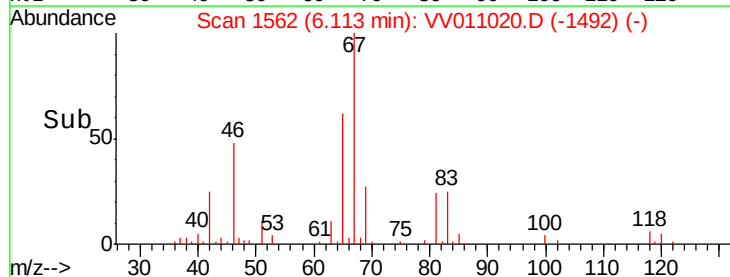
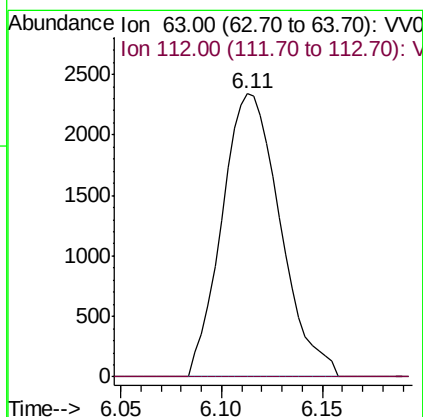
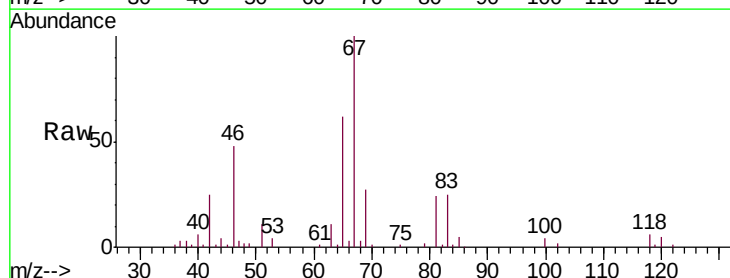
Instrument :
MSVOA_V
ClientSampleId :
BFHC1

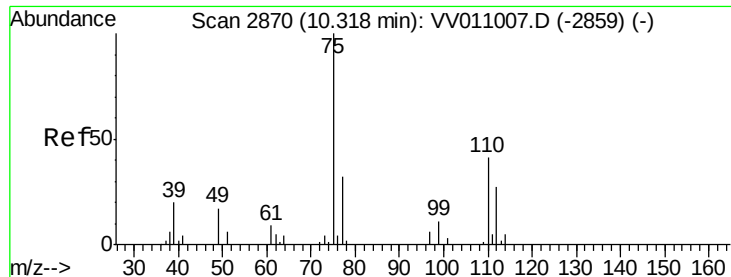
Tgt Ion: 83 Resp: 11200
Ion Ratio Lower Upper
83 100
85 36.4 45.6 84.8#



#40
1,2-Dichloropropane
Concen: 2.714 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV011020.D
Acq: 22 May 2019 16:07

Tgt Ion: 63 Resp: 4719
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#59

1,2,3-Trichloropropane

Concen: 3.875 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV011020.D

Acq: 22 May 2019 16:07

Instrument :

MSVOA_V

ClientSampleId :

BFHC1

Tgt Ion: 75 Resp: 5553

Ion Ratio Lower Upper

75 100

77 37.5 25.4 38.2

