

Data File : VV011001.D
Acq On : 21 May 2019 15:19
Operator : SY/MD
Sample : K2648-11
Misc : 4.28G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFH99

Quant Time: May 22 05:28:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Wed May 22 05:24:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	115457	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	116941	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	50276	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22311	16.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.80%
7) Chloroethane-d5	1.57	69	17272	19.38	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.52%
10) 1,1-Dichloroethene-d2	2.12	63	33268	13.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.56%
20) 2-Butanone-d5	3.94	46	26105	57.48	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.96%
24) Chloroform-d	4.40	84	56030	18.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.92%
26) 1,2-Dichloroethane-d4	5.08	65	38366	21.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.08%
29) Benzene-d6	5.10	84	126830	19.87	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.48%
33) 1,2-Dichloropropane-d6	6.12	67	44154	21.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.04%
37) Toluene-d8	7.36	98	108356	18.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.04%
38) trans-1,3-Dichloropropene-	7.66	79	16141	19.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.52%
39) 2-Hexanone-d5	8.13	63	19909	52.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.24%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	46126	22.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.12%
61) 1,2-Dichlorobenzene-d4	11.67	152	46614	22.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.36%

Target Compounds

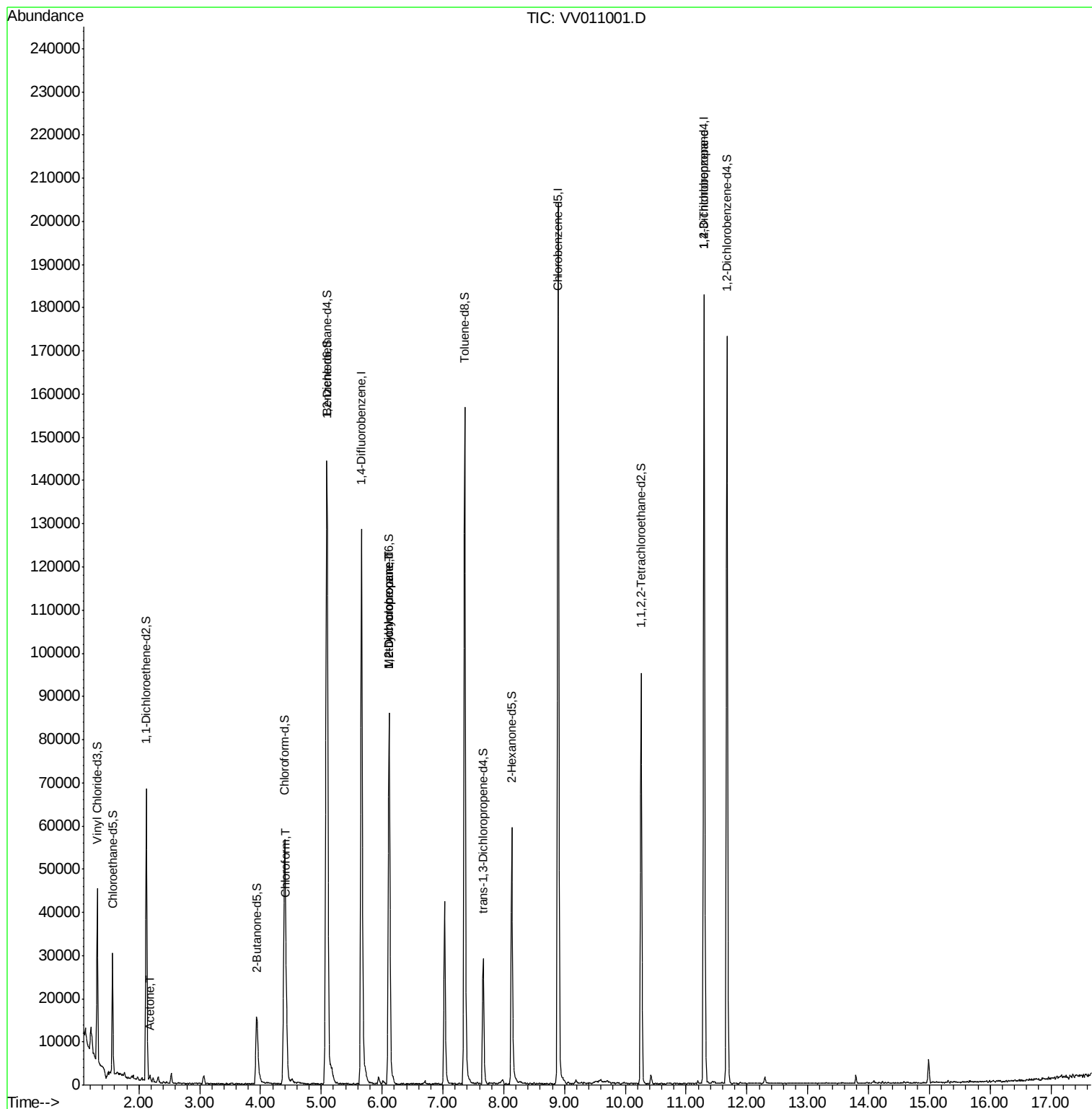
					Qvalue
13) Acetone	2.19	43	750	1.712 ug/L	88
25) Chloroform	4.43	83	10939	3.159 ug/L	97
36) Methylcyclohexane	6.12	83	10142	3.683 ug/L #	23
40) 1,2-Dichloropropane	6.11	63	4676	2.639 ug/L #	86
59) 1,2,3-Trichloropropane	11.30	75	5674	3.886 ug/L	89

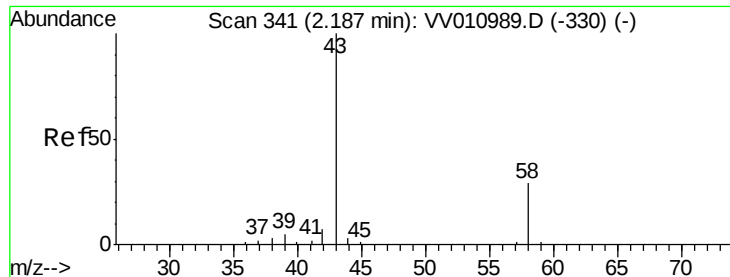
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.712 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Acq: 21 May 2019 15:19

Instrument :

MSVOA_V

ClientSampled :

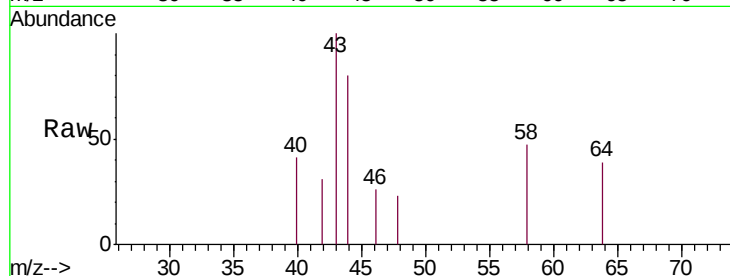
BFH99

Tgt Ion: 43 Resp: 750

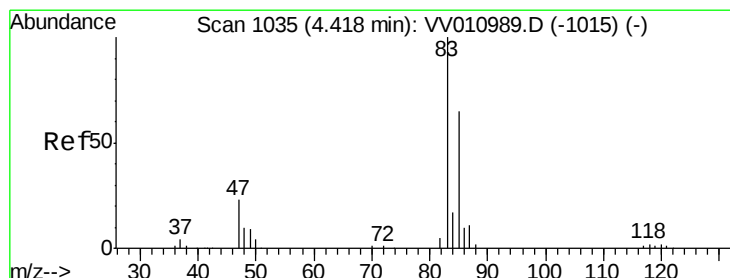
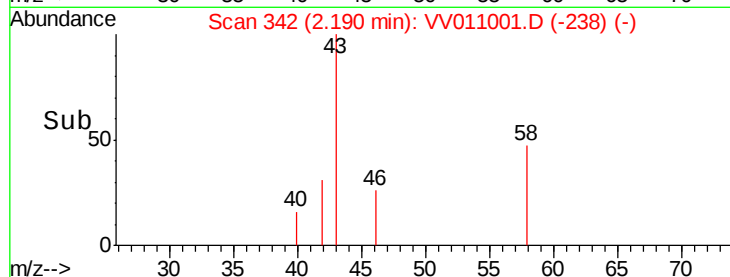
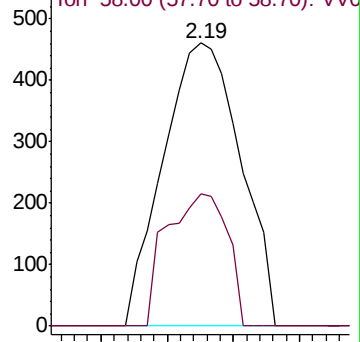
Ion Ratio Lower Upper

43 100

58 23.9 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV010989.D (-330) (-)



#25

Chloroform

Concen: 3.159 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VV011001.D

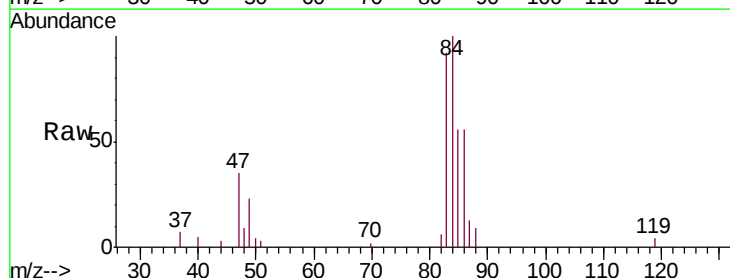
Acq: 21 May 2019 15:19

Tgt Ion: 83 Resp: 10939

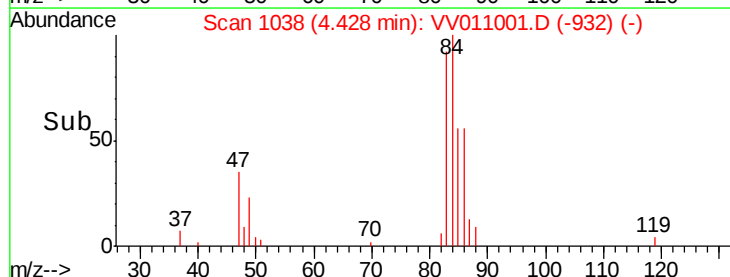
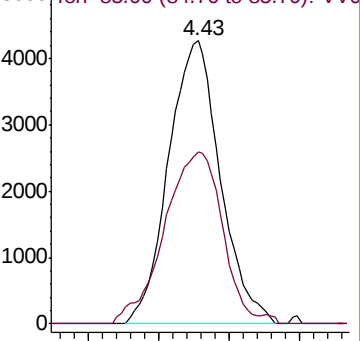
Ion Ratio Lower Upper

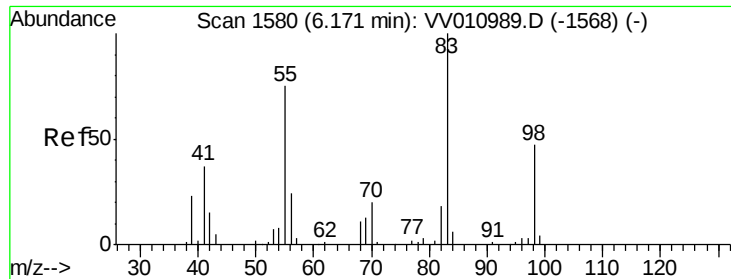
83 100

85 67.6 45.6 84.8



Abundance Ion 83.00 (82.70 to 83.70): VV010989.D (-1015) (-)

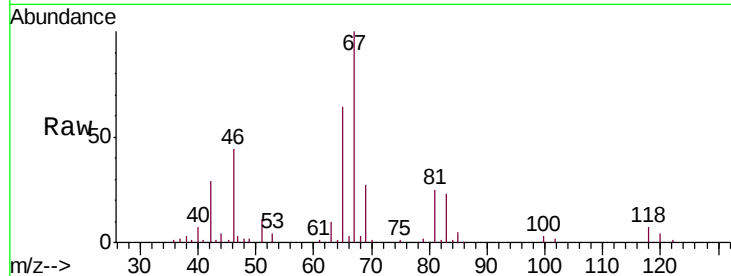




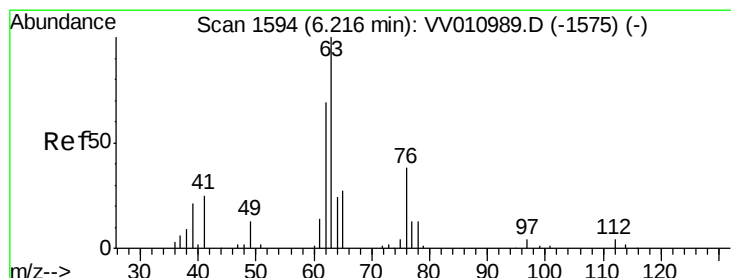
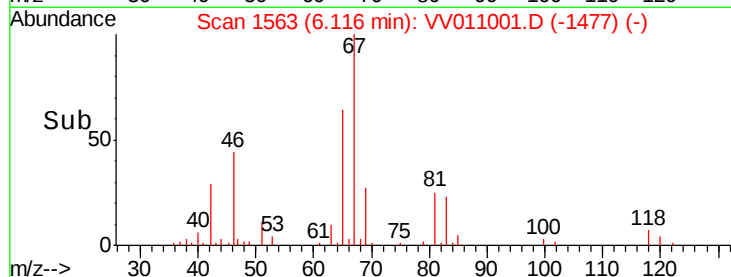
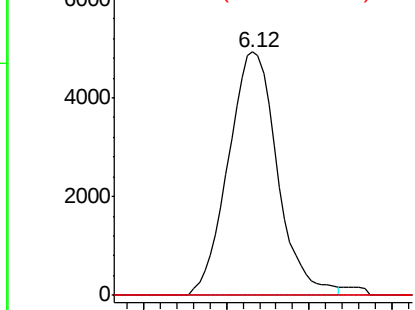
#36
Methylcyclohexane
Concen: 3.683 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011001.D
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Instrument :
MSVOA_V
ClientSampleId :
BFH99

Tgt Ion: 83 Resp: 10142
Ion Ratio Lower Upper
83 100
55 0.0 57.0 85.4#
98 3.8 36.2 54.4#

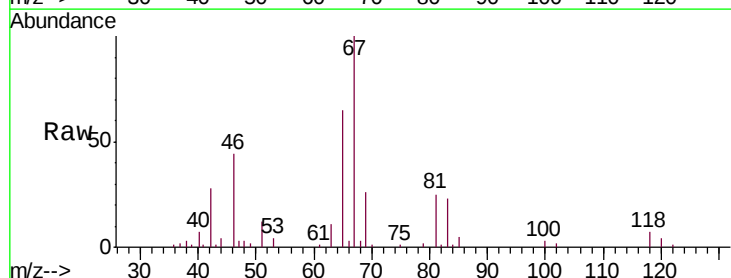


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

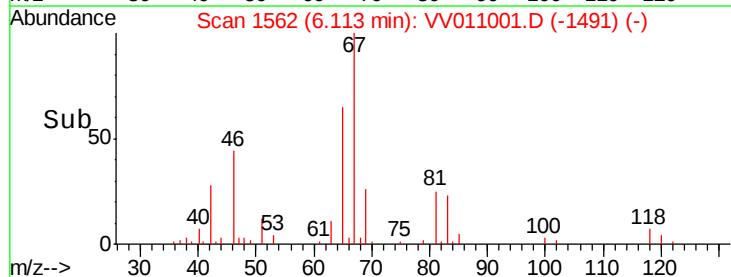
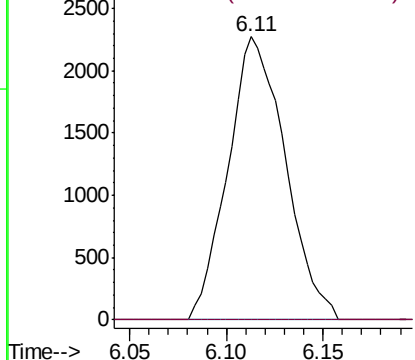


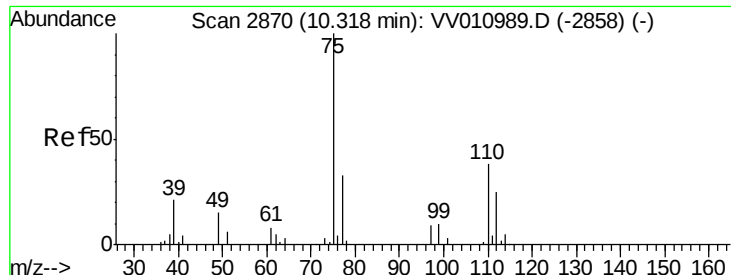
#40
1,2-Dichloropropane
Concen: 2.639 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV011001.D
Acq: 21 May 2019 15:19

Tgt Ion: 63 Resp: 4676
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V





#59

1,2,3-Trichloropropane

Concen: 3.886 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV011001.D

Acq: 21 May 2019 15:19

Instrument :

MSVOA_V

ClientSampleId :

BFH99

Tgt Ion: 75 Resp: 5674

Ion Ratio Lower Upper

75 100

77 37.8 25.4 38.2

