

Data File : VV010994.D
Acq On : 21 May 2019 10:59
Operator : SY/MD
Sample : K2846-21RE
Misc : 4.21G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHA3

Quant Time: May 22 05:27:43 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	123091	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	114188	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	44375	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27446	19.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.24%
7) Chloroethane-d5	1.57	69	20781	21.87	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.48%
10) 1,1-Dichloroethene-d2	2.12	63	39861	14.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.08%
20) 2-Butanone-d5	3.93	46	24510	50.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.24%
24) Chloroform-d	4.40	84	61651	19.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.32%
26) 1,2-Dichloroethane-d4	5.08	65	42396	22.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.24%
29) Benzene-d6	5.09	84	145806	23.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.56%
33) 1,2-Dichloropropane-d6	6.11	67	49375	24.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.72%
37) Toluene-d8	7.36	98	124382	21.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.84%
38) trans-1,3-Dichloropropene-	7.66	79	15690	19.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.16%
39) 2-Hexanone-d5	8.13	63	18978	51.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.74%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	44337	22.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	40630	22.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.20%

Target Compounds

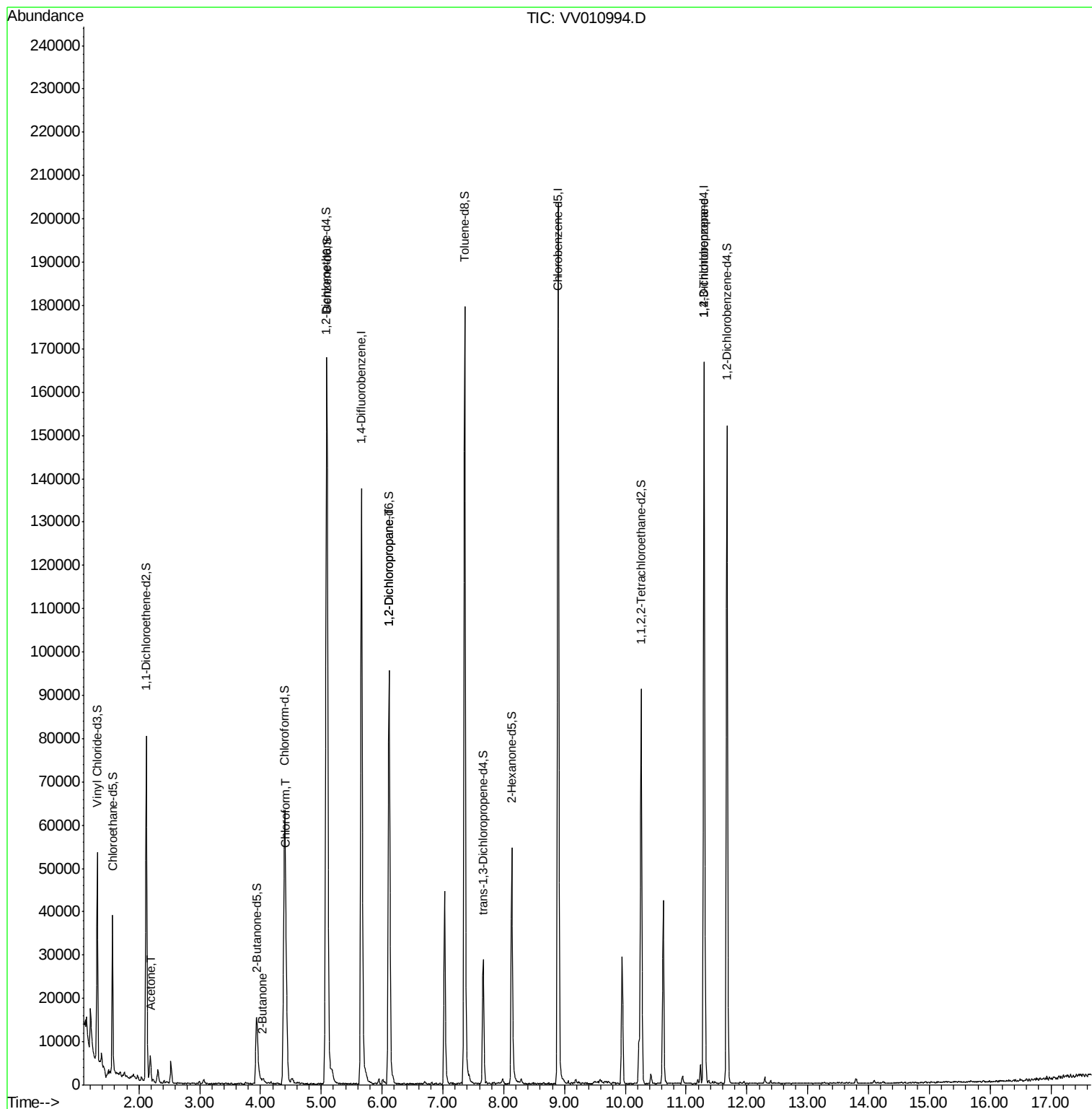
					Qvalue
13) Acetone	2.19	43	5089	10.898 ug/L	98
21) 2-Butanone	4.04	43	1422	2.225 ug/L #	72
25) Chloroform	4.42	83	15659	4.241 ug/L	95
40) 1,2-Dichloropropane	6.11	63	5146	2.975 ug/L #	86
59) 1,2,3-Trichloropropane	11.30	75	5144	3.608 ug/L #	73

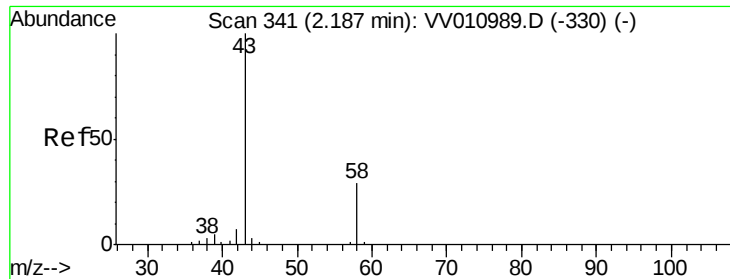
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.898 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Acq: 21 May 2019 10:59

Instrument :

MSVOA_V

ClientSampleId :

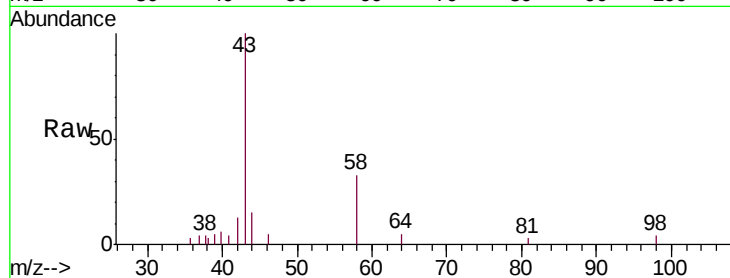
BFHA3

Tgt Ion: 43 Resp: 5089

Ion Ratio Lower Upper

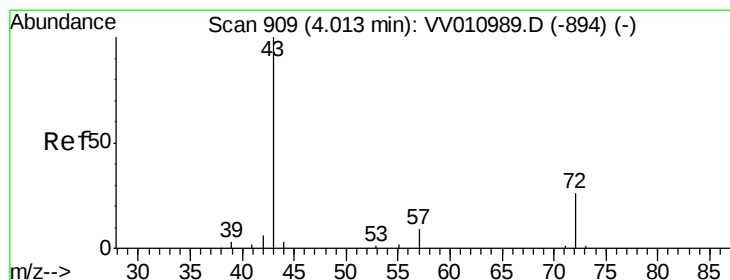
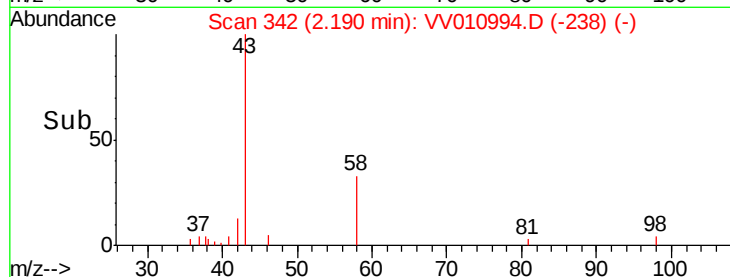
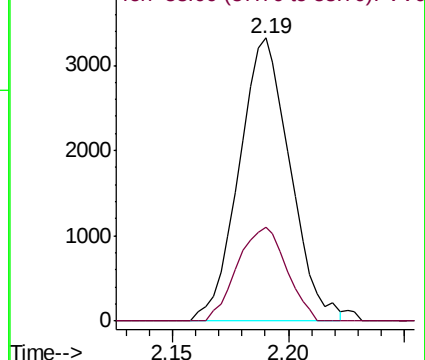
43 100

58 31.8 0.0 60.8



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

Ion 58.00 (57.70 to 58.70): VV010989.D (-330) (-)



#21

2-Butanone

Concen: 2.225 ug/L

RT: 4.04 min Scan# 917

Delta R.T. 0.03 min

Lab File: VV010994.D

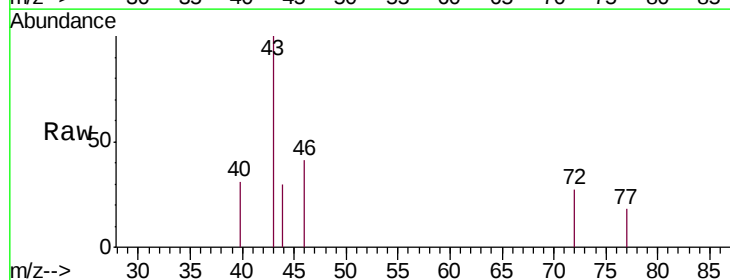
Acq: 21 May 2019 10:59

Tgt Ion: 43 Resp: 1422

Ion Ratio Lower Upper

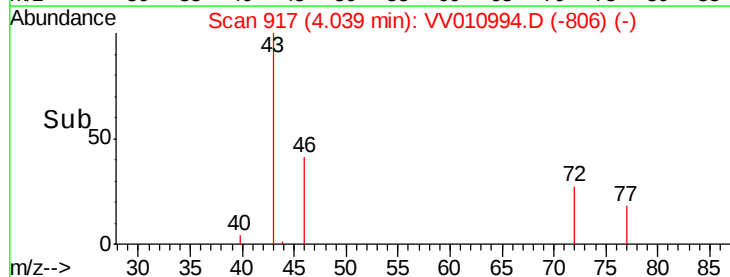
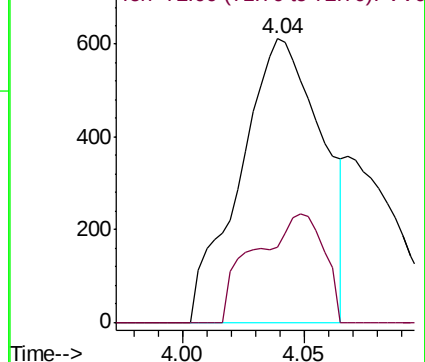
43 100

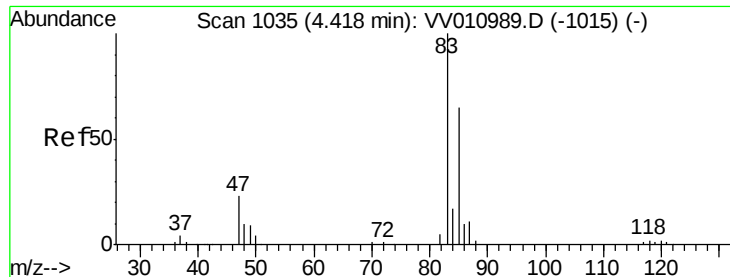
72 11.8 13.1 39.3#



Abundance Ion 43.00 (42.70 to 43.70): VV010989.D (-894) (-)

Ion 72.00 (71.70 to 72.70): VV010989.D (-894) (-)

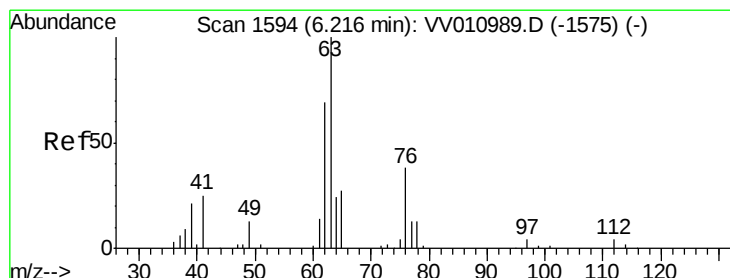
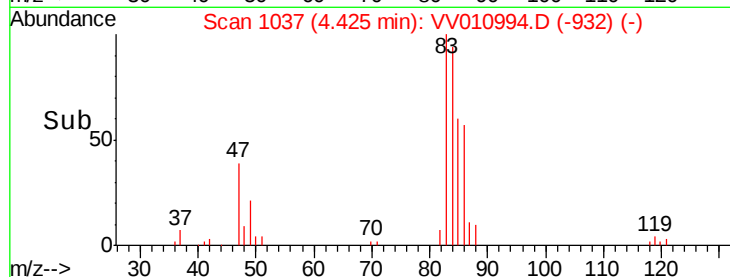
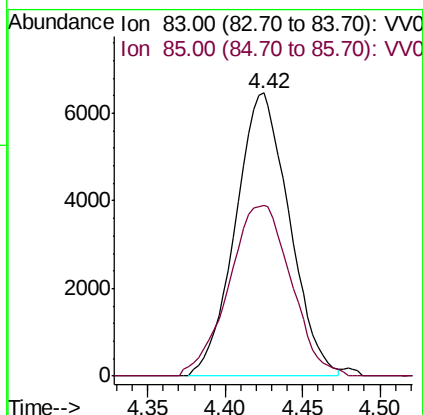
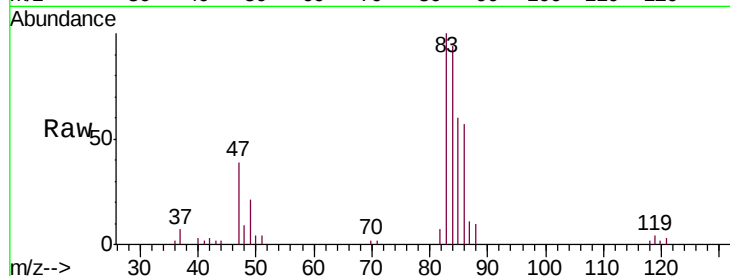




#25
Chloroform
Concen: 4.241 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VV010994.D
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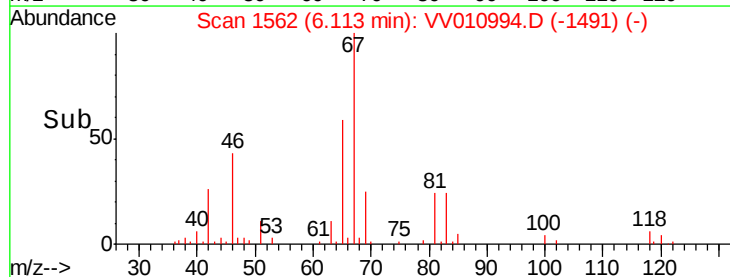
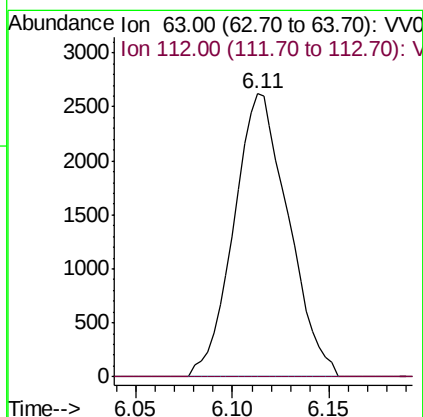
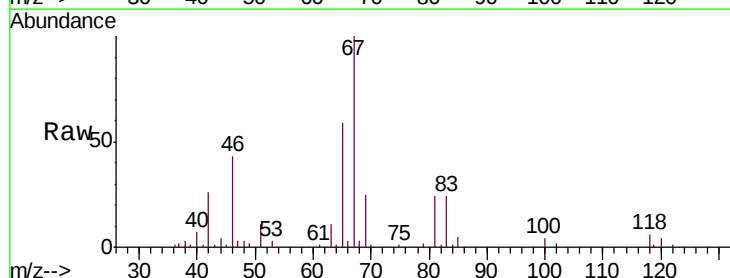
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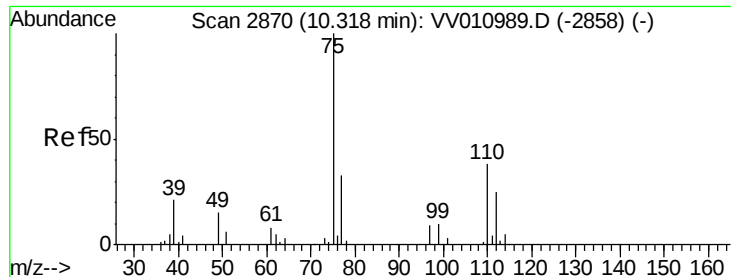
Tgt Ion: 83 Resp: 15659
Ion Ratio Lower Upper
83 100
85 69.5 45.6 84.8



#40
1,2-Dichloropropane
Concen: 2.975 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV010994.D
Acq: 21 May 2019 10:59

Tgt Ion: 63 Resp: 5146
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#59

1,2,3-Trichloropropane

Concen: 3.608 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010994.D

Acq: 21 May 2019 10:59

Instrument :

MSVOA_V

ClientSampleId :

BFHA3

Tgt Ion: 75 Resp: 5144

Ion Ratio Lower Upper

75 100

77 46.9 25.4 38.2#

