

Data File : VV010993.D
Acq On : 21 May 2019 10:31
Operator : SY/MD
Sample : K2846-17RE
Misc : 3.54G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHC8

Quant Time: May 22 05:27:34 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	152088	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	139467	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46376	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29991	17.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.20%
7) Chloroethane-d5	1.57	69	22412	19.09	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.36%
10) 1,1-Dichloroethene-d2	2.12	63	44808	13.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.76%
20) 2-Butanone-d5	3.94	46	22829	38.16	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.32%
24) Chloroform-d	4.40	84	81502	20.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.76%
26) 1,2-Dichloroethane-d4	5.08	65	44690	19.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.00%
29) Benzene-d6	5.10	84	169036	22.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.80%
33) 1,2-Dichloropropane-d6	6.12	67	56839	23.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.96%
37) Toluene-d8	7.36	98	145838	20.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.40%
38) trans-1,3-Dichloropropene-	7.66	79	15307	15.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.64%
39) 2-Hexanone-d5	8.13	63	17313	38.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.74%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	42984	17.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.20%
61) 1,2-Dichlorobenzene-d4	11.67	152	40065	21.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.12%

Target Compounds

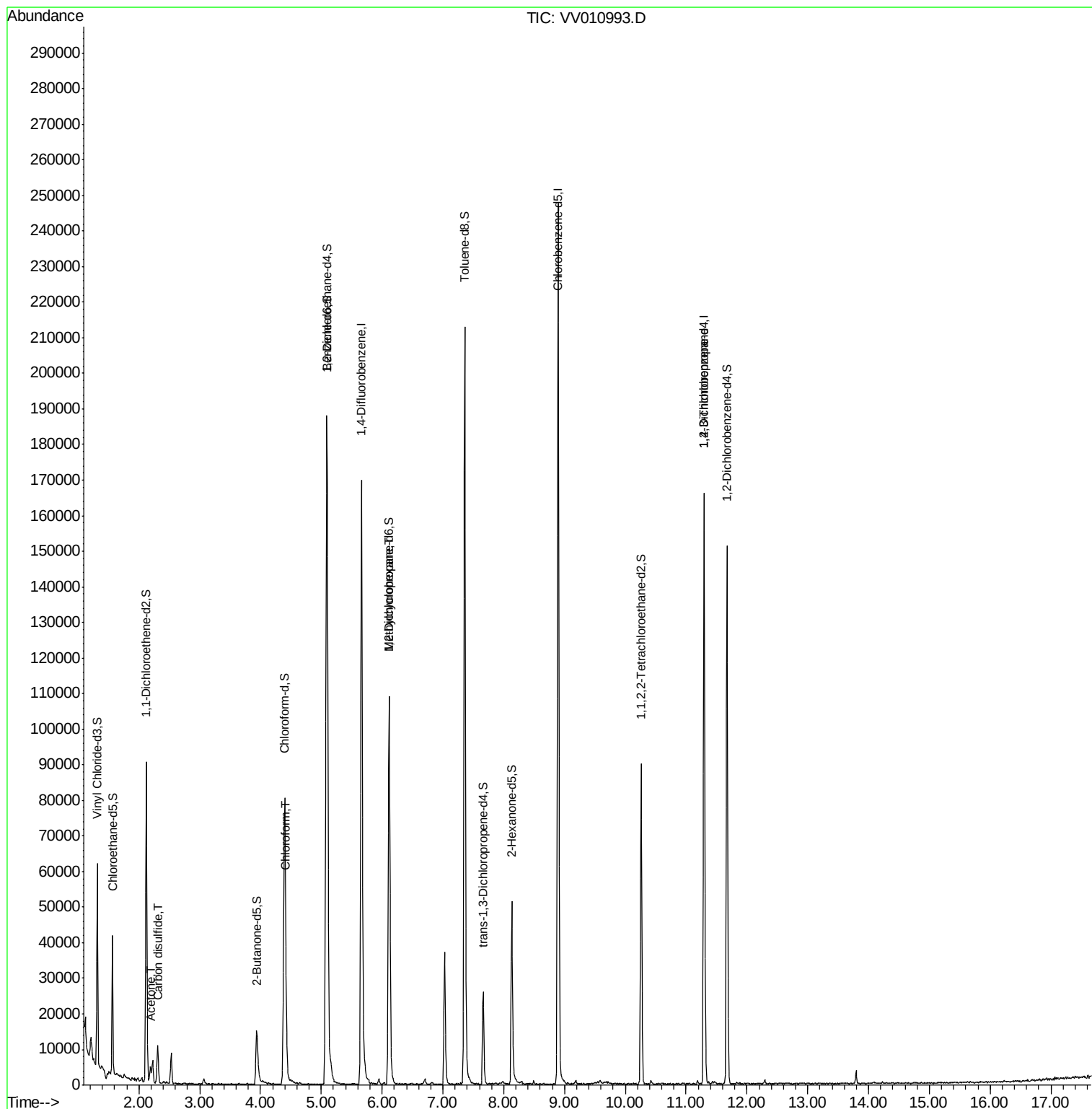
					Qvalue
13) Acetone	2.19	43	3323	5.760 ug/L	96
14) Carbon disulfide	2.31	76	10139	2.256 ug/L	100
25) Chloroform	4.42	83	4957	1.087 ug/L	96
36) Methylcyclohexane	6.12	83	13211	4.023 ug/L #	21
59) 1,2,3-Trichloropropane	11.30	75	5545	3.184 ug/L	92

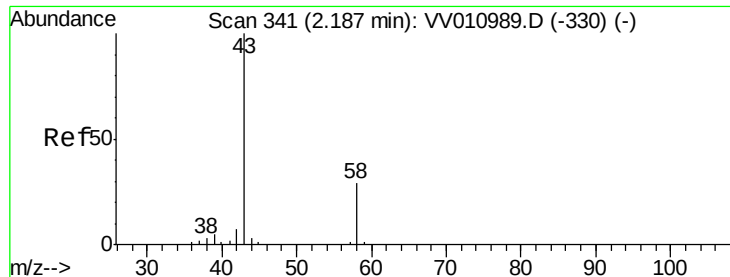
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.760 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

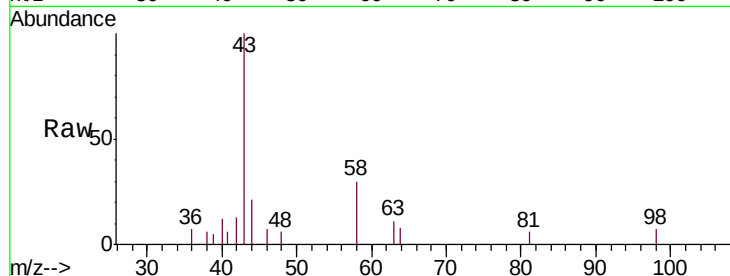
BFHC8

Tgt Ion: 43 Resp: 3323

Ion Ratio Lower Upper

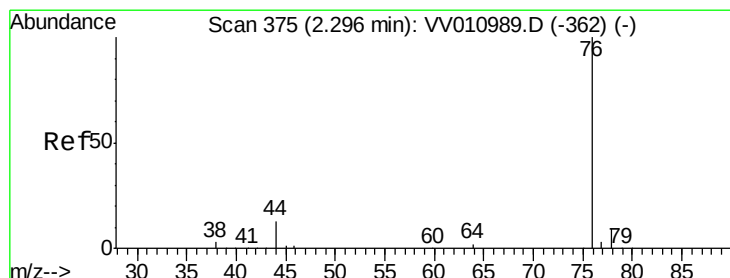
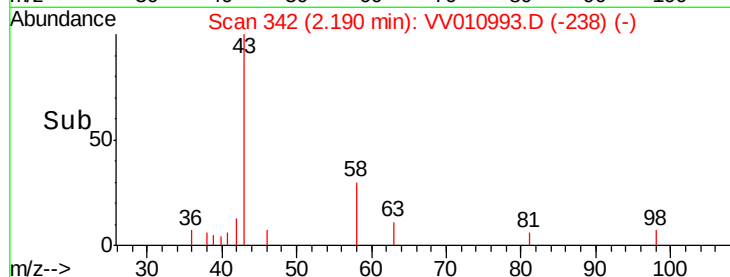
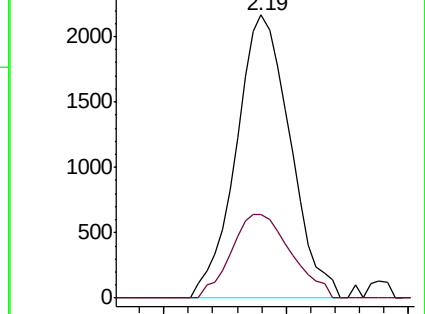
43 100

58 32.6 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) (-)



#14

Carbon disulfide

Concen: 2.256 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.01 min

Lab File: VV010993.D

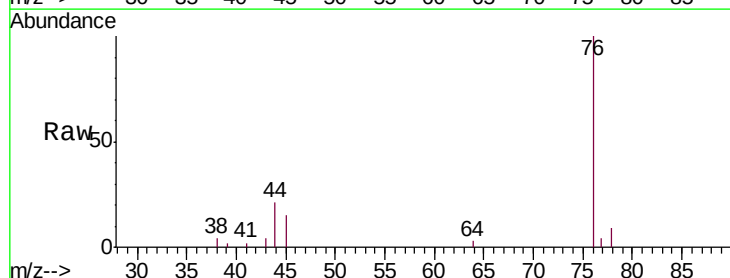
Acq: 21 May 2019 10:31

Tgt Ion: 76 Resp: 10139

Ion Ratio Lower Upper

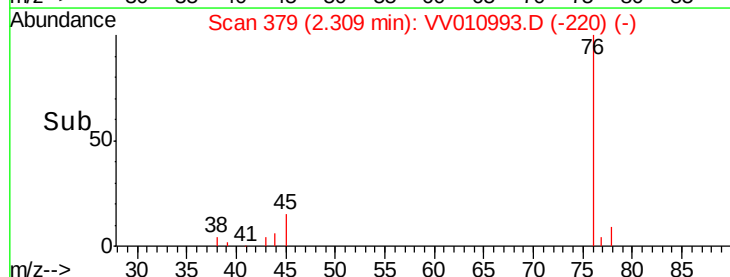
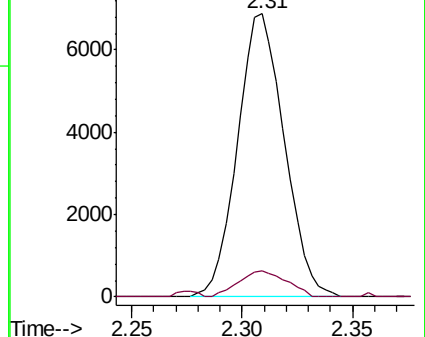
76 100

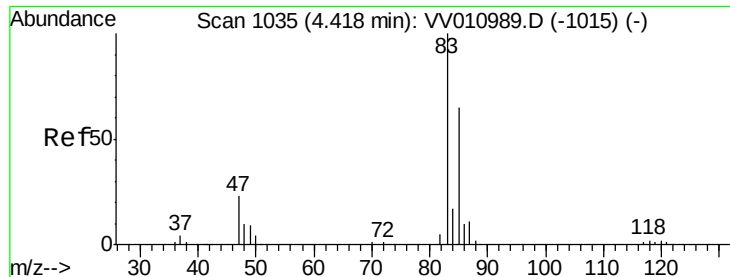
78 9.0 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VV010989.D (-362) (-)

Ion 78.00 (77.70 to 78.70): VV010989.D (-362) (-)

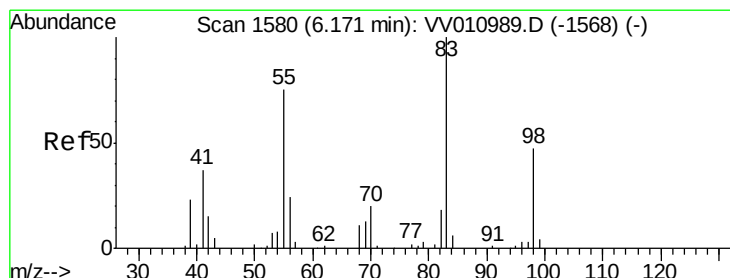
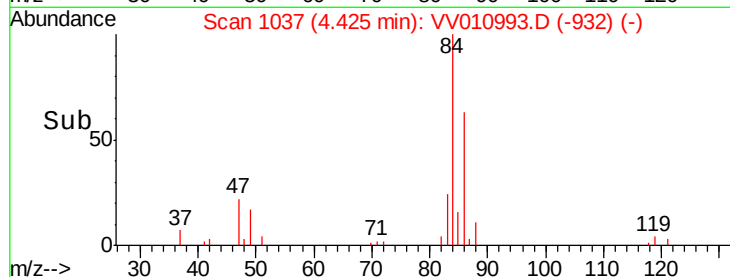
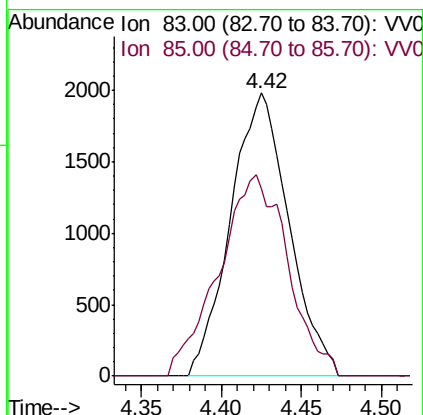
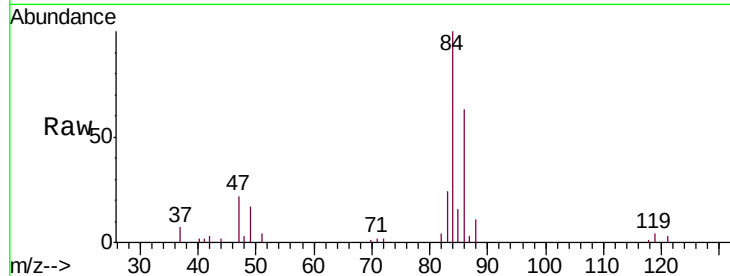




#25
Chloroform
Concen: 1.087 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VV010993.D
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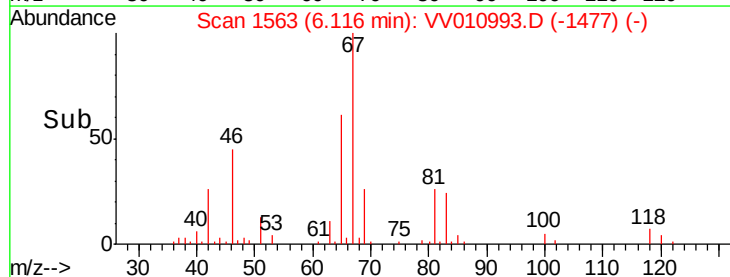
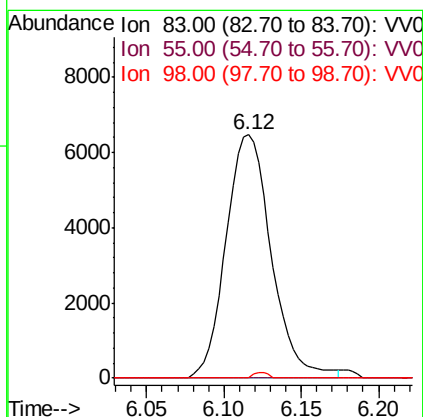
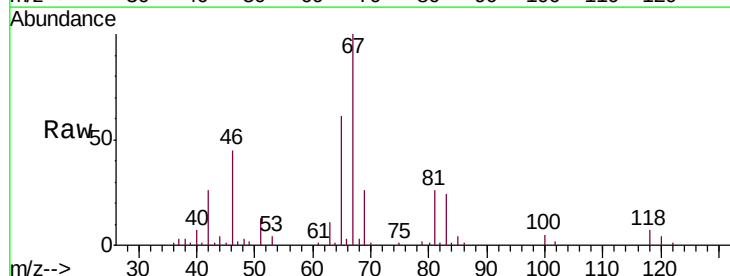
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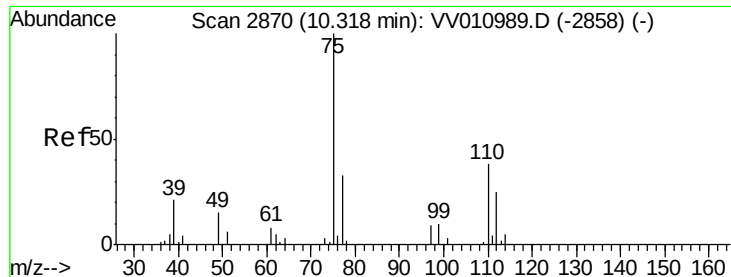
Tgt Ion: 83 Resp: 4957
Ion Ratio Lower Upper
83 100
85 61.7 45.6 84.8



#36
Methylcyclohexane
Concen: 4.023 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV010993.D
Acq: 21 May 2019 10:31

Tgt Ion: 83 Resp: 13211
Ion Ratio Lower Upper
83 100
55 0.0 57.0 85.4#
98 0.8 36.2 54.4#





#59

1,2,3-Trichloropropane

Concen: 3.184 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010993.D

Acq: 21 May 2019 10:31

Instrument :

MSVOA_V

ClientSampleId :

BFHC8

Tgt Ion: 75 Resp: 5545

Ion Ratio Lower Upper

75 100

77 36.1 25.4 38.2

