

Data File : VV011004.D
Acq On : 21 May 2019 16:43
Operator : SY/MD
Sample : K2648-14
Misc : 4.95G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFH93

Quant Time: May 22 05:29:05 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	111854	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	114529	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43394	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23085	18.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.40%
7) Chloroethane-d5	1.57	69	18213	21.09	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.36%
10) 1,1-Dichloroethene-d2	2.12	63	35296	14.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.60%
20) 2-Butanone-d5	3.94	46	24557	55.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.62%
24) Chloroform-d	4.40	84	54894	18.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.76%
26) 1,2-Dichloroethane-d4	5.08	65	43153	25.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.08%
29) Benzene-d6	5.09	84	140270	22.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.72%
33) 1,2-Dichloropropane-d6	6.12	67	48513	24.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.68%
37) Toluene-d8	7.36	98	120994	20.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.28%
38) trans-1,3-Dichloropropene-	7.66	79	15537	19.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.20%
39) 2-Hexanone-d5	8.13	63	19782	53.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.78%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47922	24.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	43785	24.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.40%

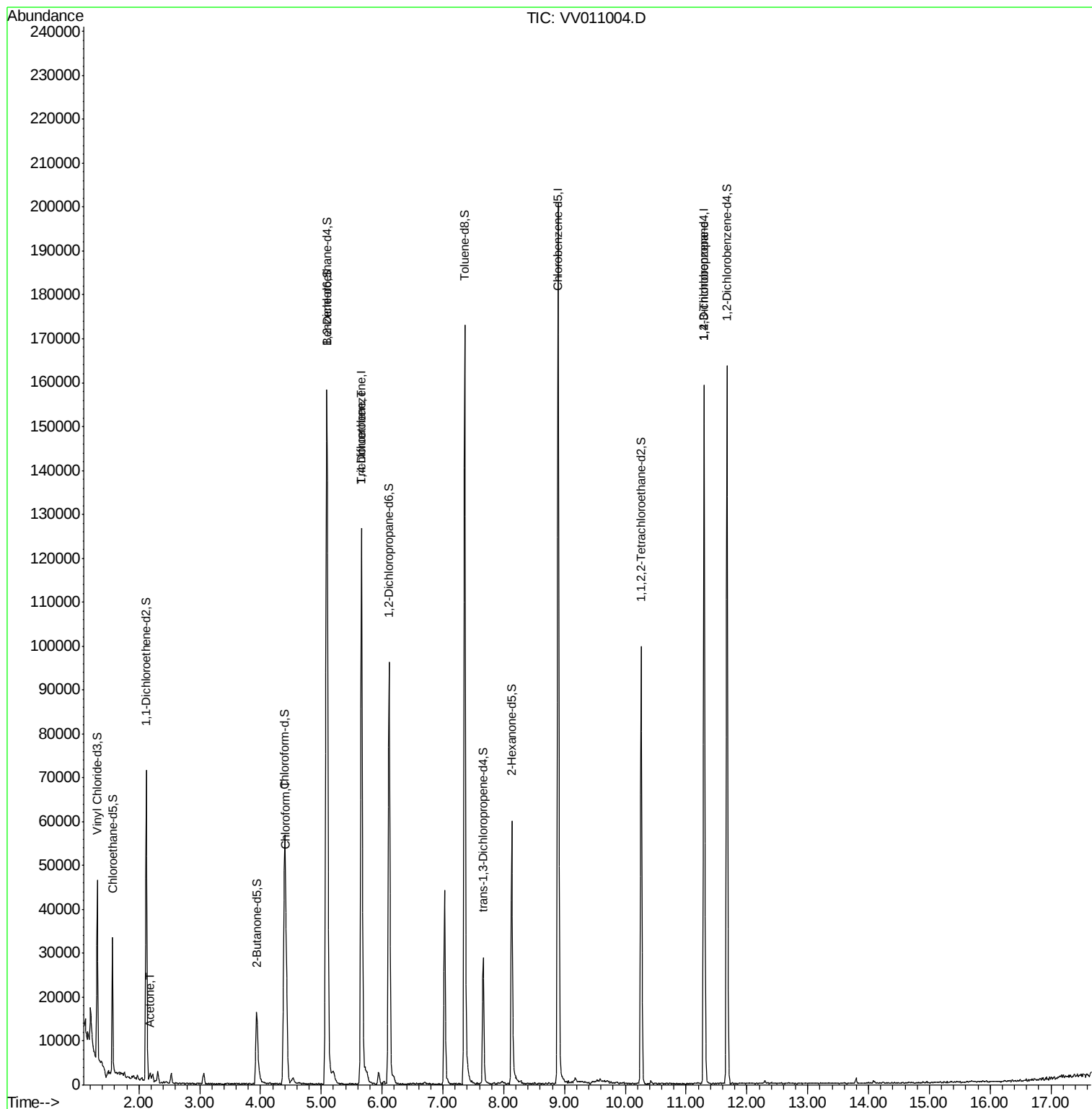
Target Compounds					Qvalue
13) Acetone	2.19	43	1471	3.467 ug/L	96
25) Chloroform	4.42	83	19467	5.802 ug/L	96
35) Trichloroethene	5.66	95	2031	1.113 ug/L #	5
59) 1,2,3-Trichloropropane	11.30	75	5442	3.805 ug/L	93

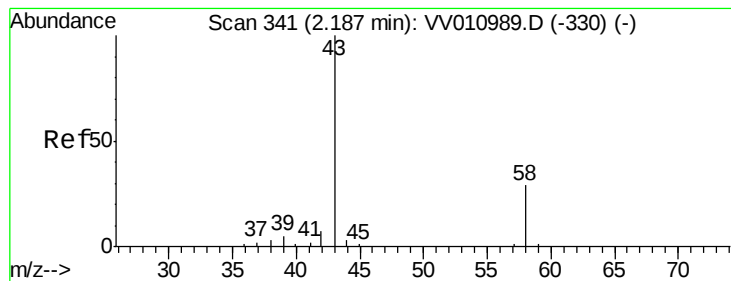
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.467 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

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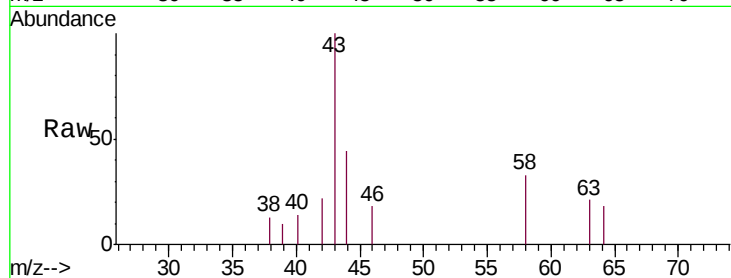
Instrument :
MSVOA_V
ClientSampled :
BFH93

Tgt Ion: 43 Resp: 1471

Ion Ratio Lower Upper

43 100

58 32.5 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV011004.D (-238) (-)

Ion 58.00 (57.70 to 58.70): VV011004.D (-238) (-)

2.19

1000

800

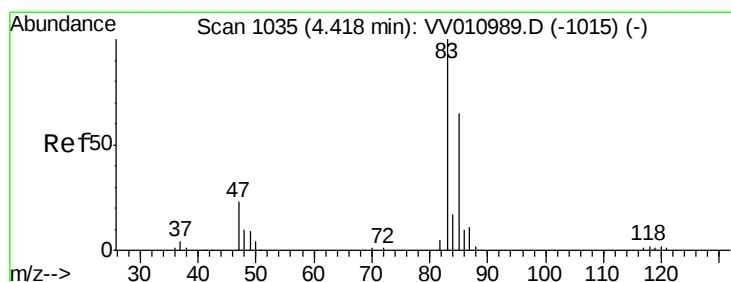
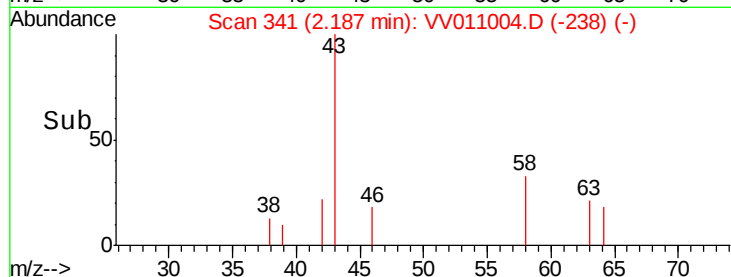
600

400

200

0

Time--> 2.14 2.16 2.18 2.20 2.22



#25

Chloroform

Concen: 5.802 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.01 min

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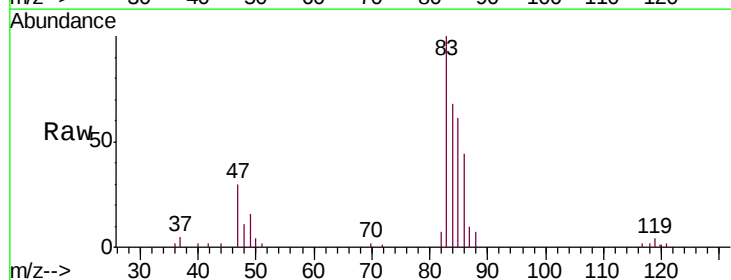
Acq: 21 May 2019 16:43

Tgt Ion: 83 Resp: 19467

Ion Ratio Lower Upper

83 100

85 68.4 45.6 84.8



Abundance Ion 83.00 (82.70 to 83.70): VV011004.D (-932) (-)

Ion 85.00 (84.70 to 85.70): VV011004.D (-932) (-)

4.42

8000

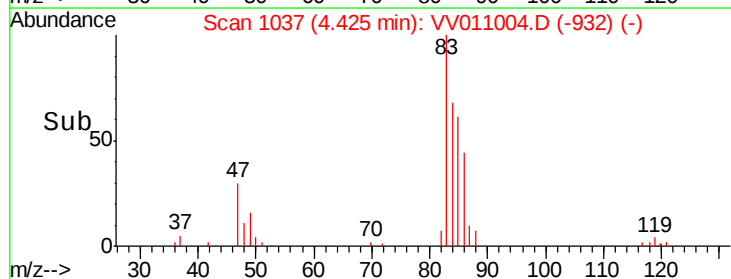
6000

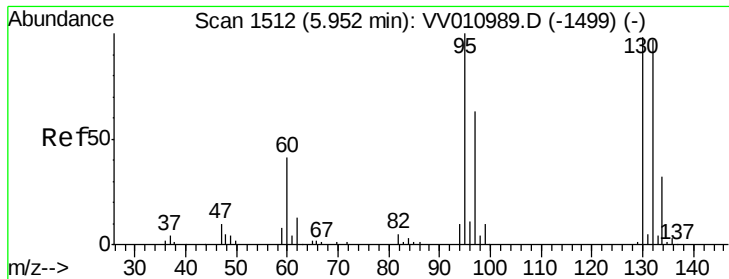
4000

2000

0

Time--> 4.35 4.40 4.45 4.50





#35

Trichloroethene

Concen: 1.113 ug/L

RT: 5.66 min Scan# 1421

Delta R.T. -0.29 min

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Acq: 21 May 2019 16:43

Instrument :

MSVOA_V

ClientSampleID :

BFH93

Tgt Ion: 95 Resp: 2031

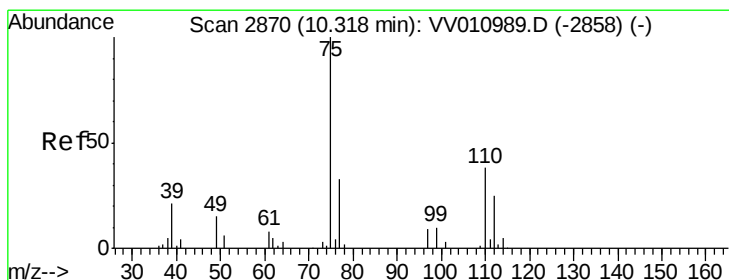
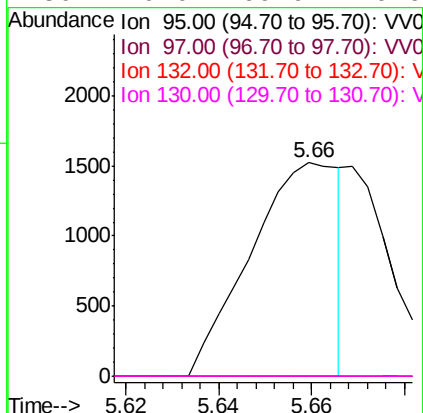
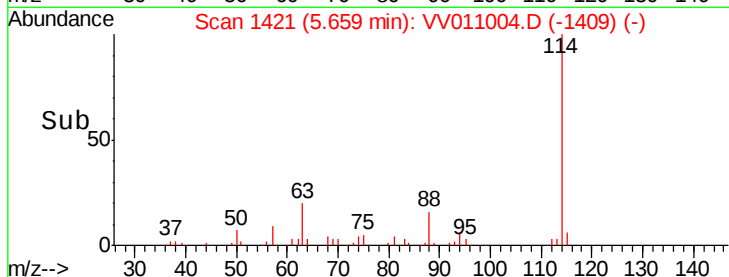
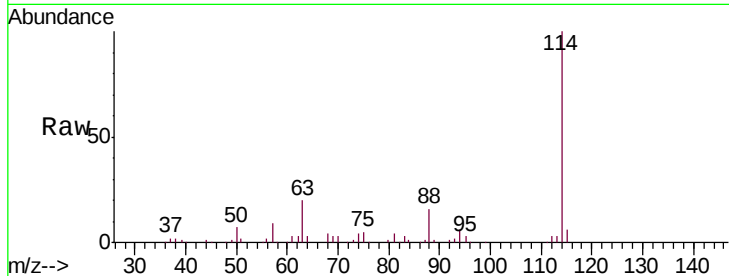
Ion Ratio Lower Upper

95 100

97 0.0 43.4 80.6#

132 0.0 68.8 127.8#

130 0.0 69.9 129.9#



#59

1,2,3-Trichloropropane

Concen: 3.805 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV011004.D

Acq: 21 May 2019 16:43

Tgt Ion: 75 Resp: 5442

Ion Ratio Lower Upper

75 100

77 35.6 25.4 38.2

