

Data File : VV011000.D
Acq On : 21 May 2019 14:51
Operator : SY/MD
Sample : K2648-10
Misc : 5.59G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFH98

Quant Time: May 22 05:28:34 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	139946	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	142300	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59606	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	28181	17.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.64%
7) Chloroethane-d5	1.57	69	21094	19.53	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.12%
10) 1,1-Dichloroethene-d2	2.12	63	42779	13.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.76%
20) 2-Butanone-d5	3.93	46	27191	49.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.78%
24) Chloroform-d	4.40	84	63978	17.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.60%
26) 1,2-Dichloroethane-d4	5.08	65	46886	21.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.80%
29) Benzene-d6	5.09	84	163366	21.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.12%
33) 1,2-Dichloropropane-d6	6.12	67	55499	22.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.92%
37) Toluene-d8	7.36	98	142225	19.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.76%
38) trans-1,3-Dichloropropene-	7.66	79	20337	20.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.28%
39) 2-Hexanone-d5	8.13	63	20976	45.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.12%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50566	20.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.08%
61) 1,2-Dichlorobenzene-d4	11.67	152	55426	22.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.60%

Target Compounds

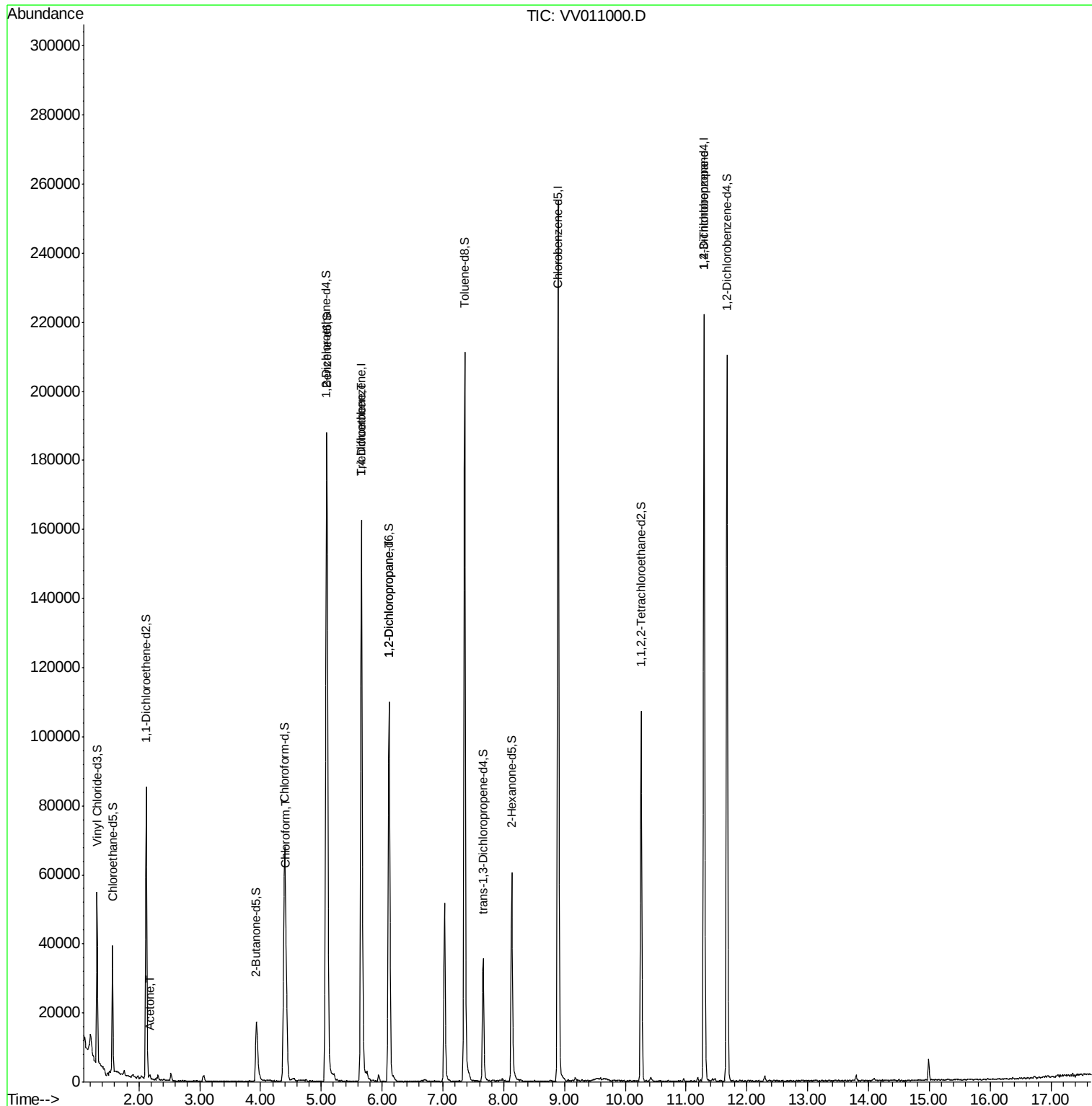
					Qvalue
13) Acetone	2.19	43	686	1.292 ug/L	74
25) Chloroform	4.42	83	22569	5.377 ug/L	96
35) Trichloroethene	5.66	95	4158	1.835 ug/L #	5
40) 1,2-Dichloropropane	6.12	63	6097	2.828 ug/L #	86
59) 1,2,3-Trichloropropane	11.29	75	6962	3.918 ug/L	92

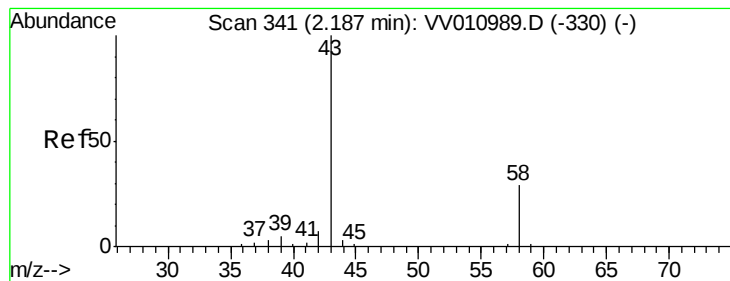
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.292 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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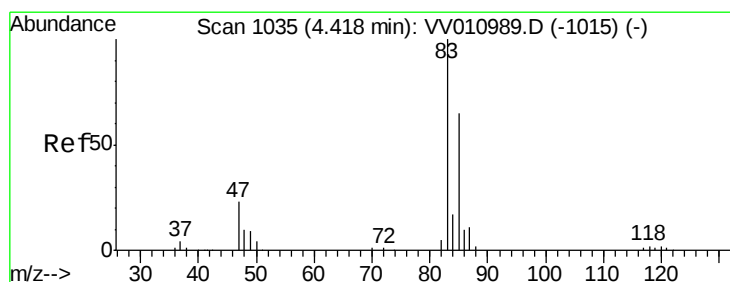
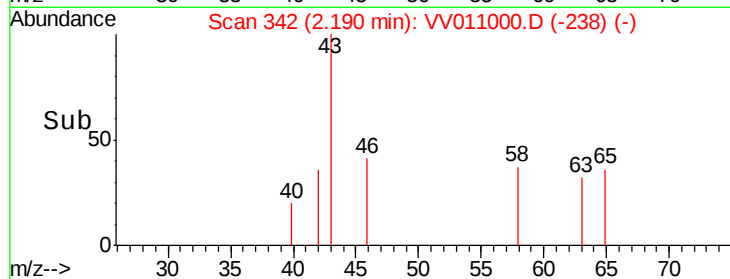
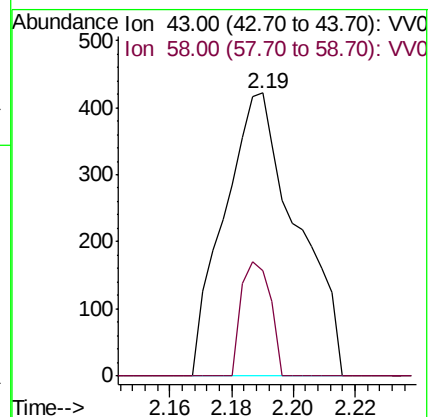
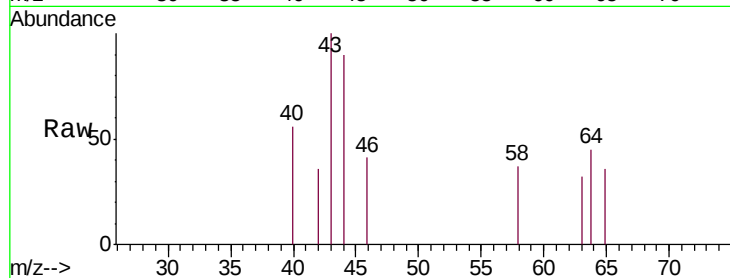
Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 43 Resp: 686

Ion Ratio Lower Upper

43 100

58 16.2 0.0 60.8



#25

Chloroform

Concen: 5.377 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.01 min

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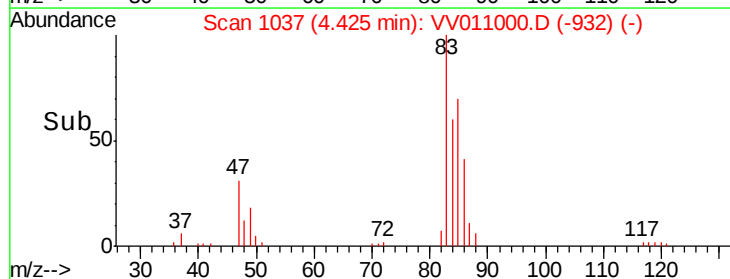
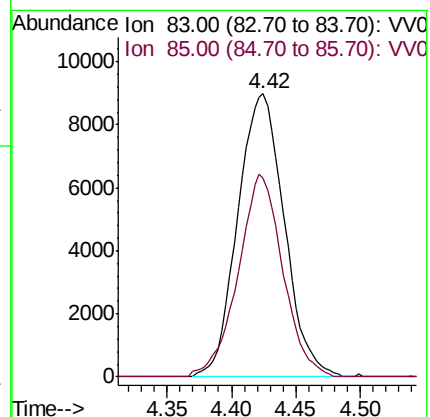
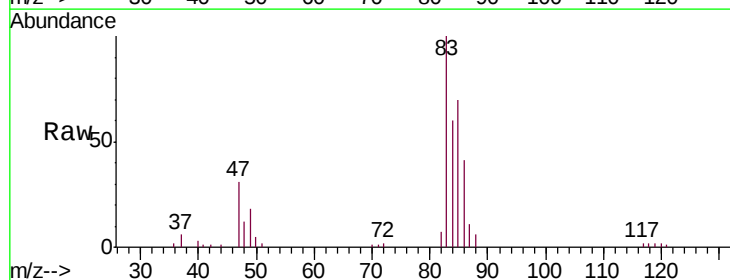
Acq: 21 May 2019 14:51

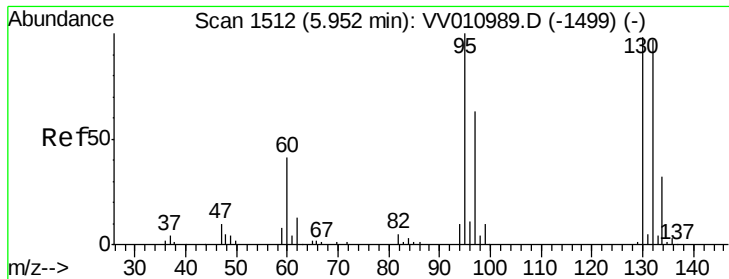
Tgt Ion: 83 Resp: 22569

Ion Ratio Lower Upper

83 100

85 68.6 45.6 84.8





#35

Trichloroethene

Concen: 1.835 ug/L

RT: 5.66 min Scan# 1421

Delta R.T. -0.29 min

Lab File: VV011000.D

Acq: 21 May 2019 14:51

Instrument :

MSVOA_V

ClientSampleId :

BFH98

Tgt Ion: 95 Resp: 4158

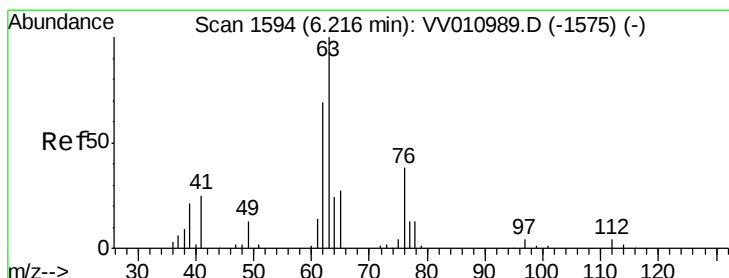
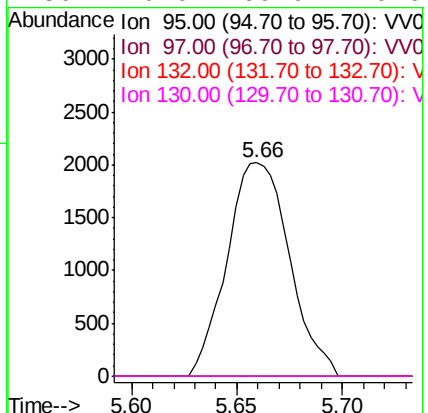
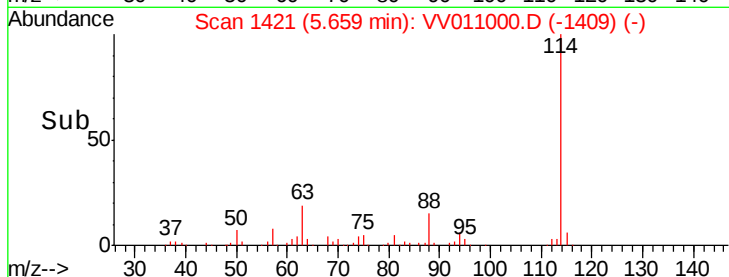
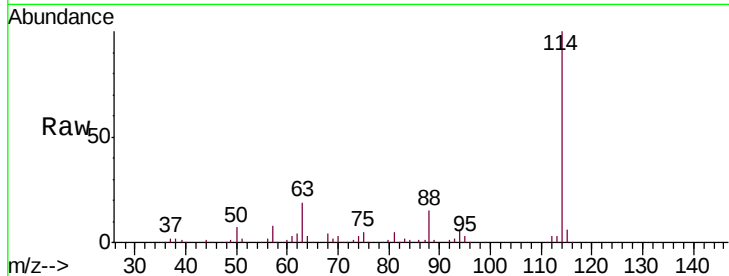
Ion Ratio Lower Upper

95 100

97 0.0 43.4 80.6#

132 0.0 68.8 127.8#

130 0.0 69.9 129.9#



#40

1,2-Dichloropropane

Concen: 2.828 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

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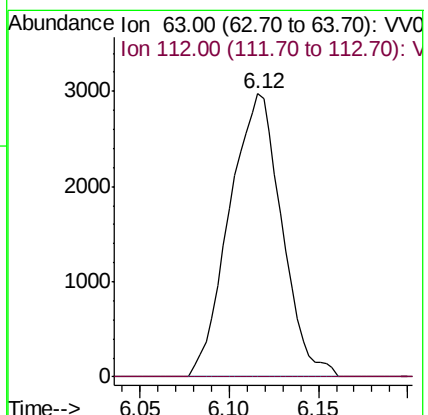
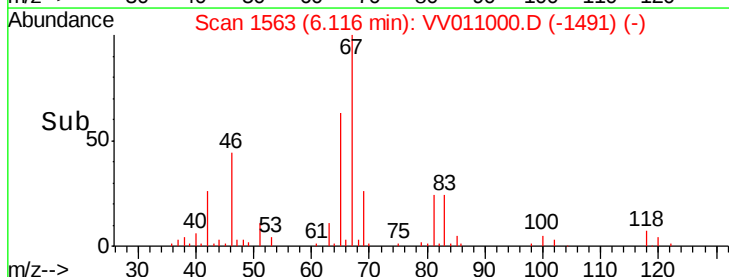
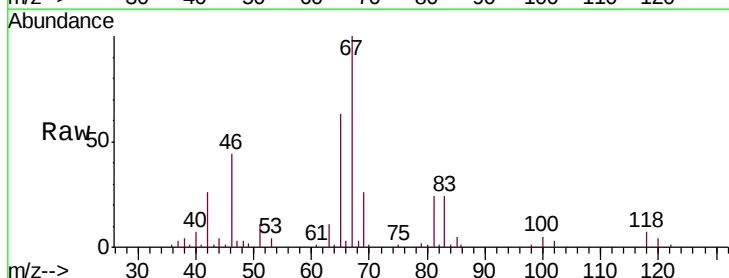
Acq: 21 May 2019 14:51

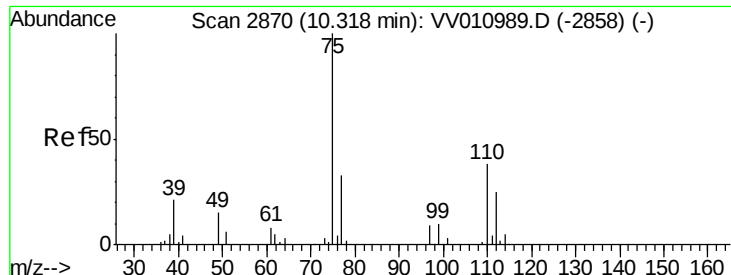
Tgt Ion: 63 Resp: 6097

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#





#59

1,2,3-Trichloropropane

Concen: 3.918 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV011000.D

Acq: 21 May 2019 14:51

Instrument :

MSVOA_V

ClientSampleId :

BFH98

Tgt Ion: 75 Resp: 6962

Ion Ratio Lower Upper

75 100

77 36.4 25.4 38.2

