

Data File : VV011019.D
Acq On : 22 May 2019 15:39
Operator : SY/MD
Sample : K3006-05
Misc : 3.41G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHC0

Quant Time: May 23 08:05:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Thu May 23 08:00:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	117398	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	111583	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42043	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20905	15.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.48%
7) Chloroethane-d5	1.57	69	16113	17.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.12%
10) 1,1-Dichloroethene-d2	2.12	63	31698	12.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.28%
20) 2-Butanone-d5	3.94	46	19887	43.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.12%
24) Chloroform-d	4.40	84	47331	15.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	62.24%
26) 1,2-Dichloroethane-d4	5.08	65	35564	19.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.40%
29) Benzene-d6	5.10	84	121578	19.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.84%
33) 1,2-Dichloropropane-d6	6.12	67	41687	21.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.16%
37) Toluene-d8	7.36	98	101862	17.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.96%
38) trans-1,3-Dichloropropene-	7.66	79	14067	17.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.80%
39) 2-Hexanone-d5	8.13	63	14749	40.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.70%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	37509	19.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	35123	20.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.32%

Target Compounds

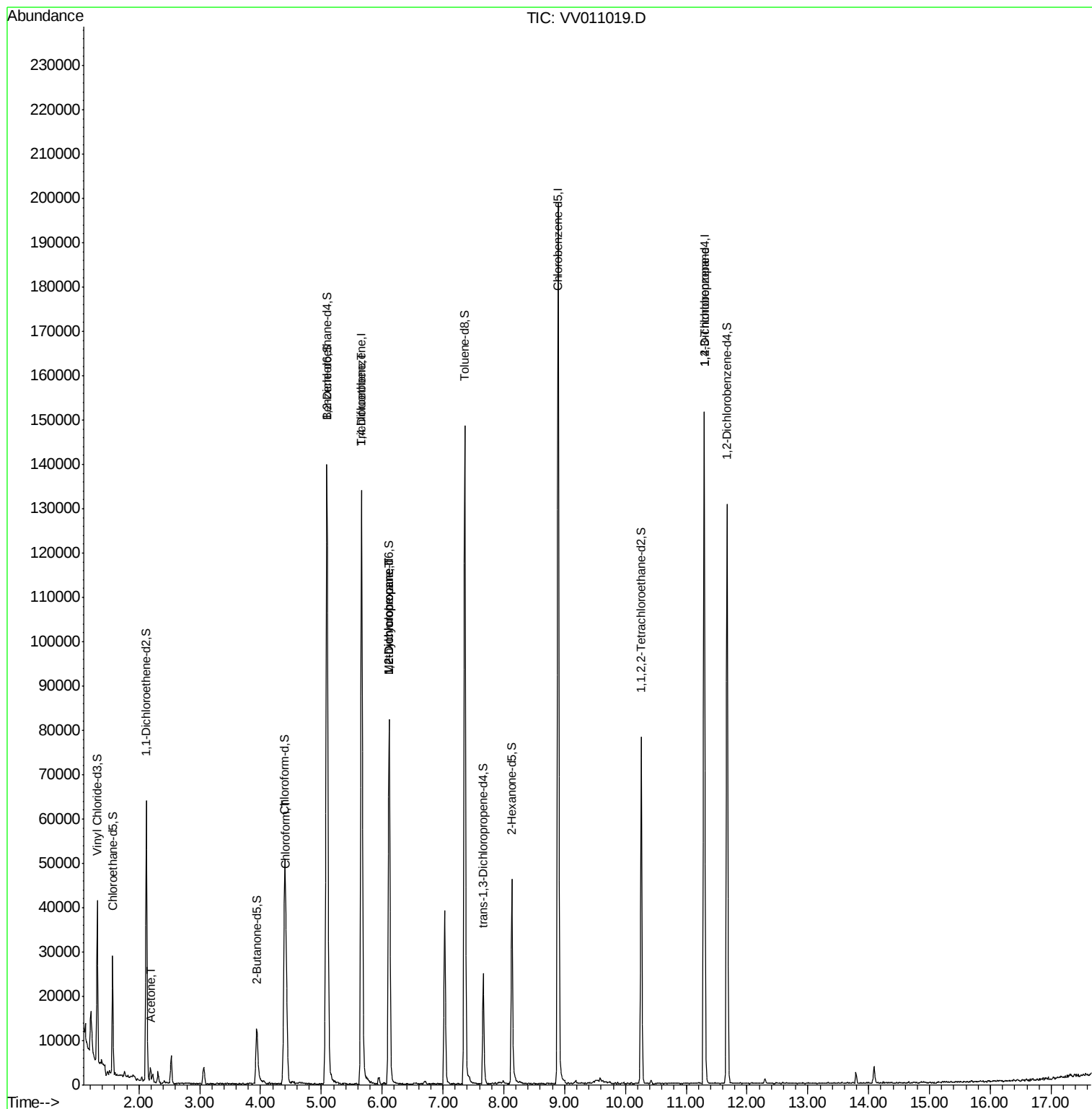
					Qvalue
13) Acetone	2.19	43	2685	6.029 ug/L	99
25) Chloroform	4.42	83	17788	5.052 ug/L	97
35) Trichloroethene	5.66	95	3330	1.874 ug/L #	5
36) Methylcyclohexane	6.11	83	9893	3.765 ug/L #	22
40) 1,2-Dichloropropane	6.12	63	4425	2.618 ug/L #	86
59) 1,2,3-Trichloropropane	11.30	75	5069	3.638 ug/L	90

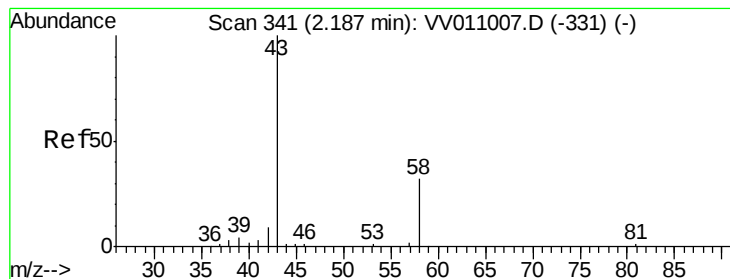
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.029 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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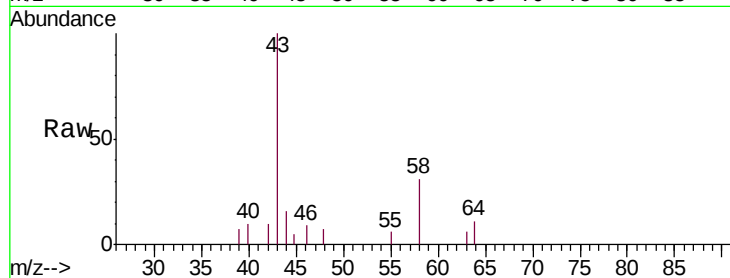
Instrument :
MSVOA_V
ClientSampleId :
BFHC0

Tgt Ion: 43 Resp: 2685

Ion Ratio Lower Upper

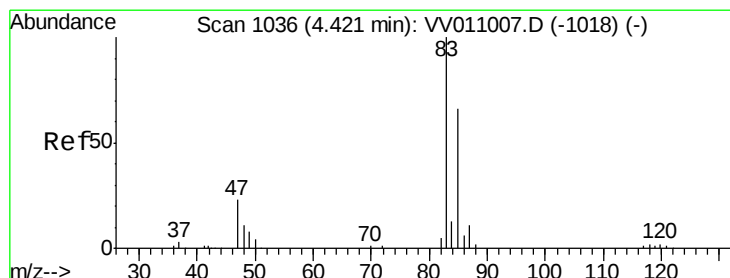
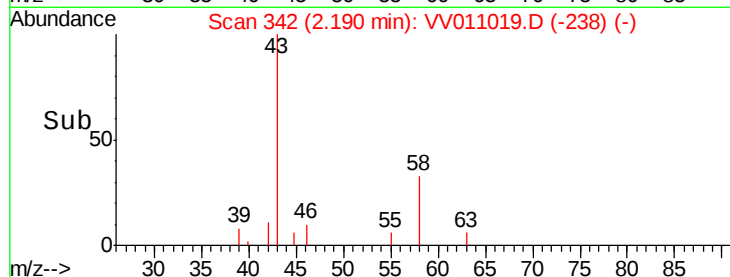
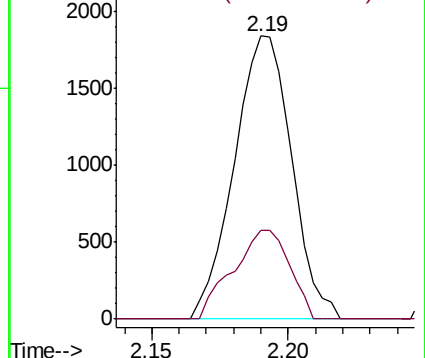
43 100

58 30.8 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV011007.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV011007.D (-331) (-)



#25

Chloroform

Concen: 5.052 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV011019.D

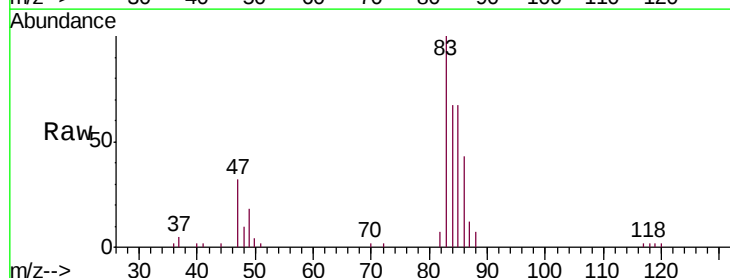
Acq: 22 May 2019 15:39

Tgt Ion: 83 Resp: 17788

Ion Ratio Lower Upper

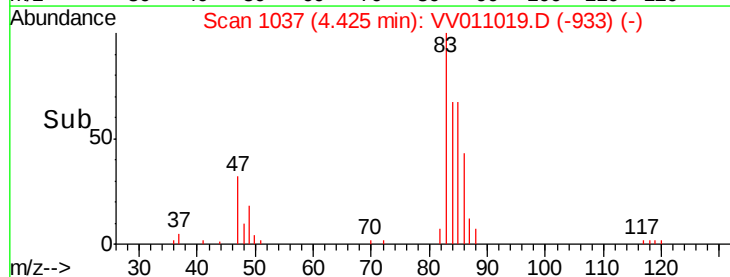
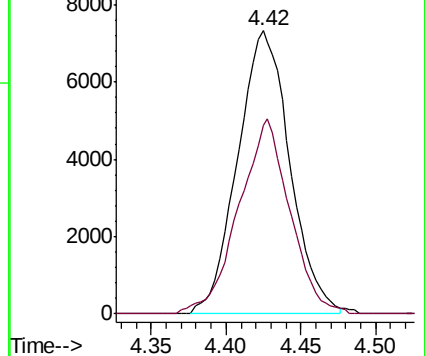
83 100

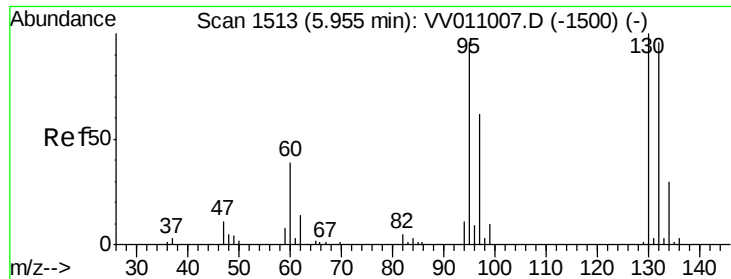
85 67.4 45.6 84.8



Abundance Ion 83.00 (82.70 to 83.70): VV011007.D (-1018) (-)

Ion 85.00 (84.70 to 85.70): VV011007.D (-1018) (-)





#35

Trichloroethene

Concen: 1.874 ug/L

RT: 5.66 min Scan# 1421

Delta R.T. -0.30 min

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Instrument :

MSVOA_V

ClientSampled :

BFHC0

Tgt Ion: 95 Resp: 3330

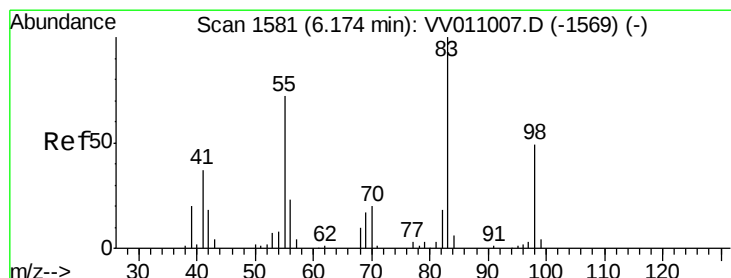
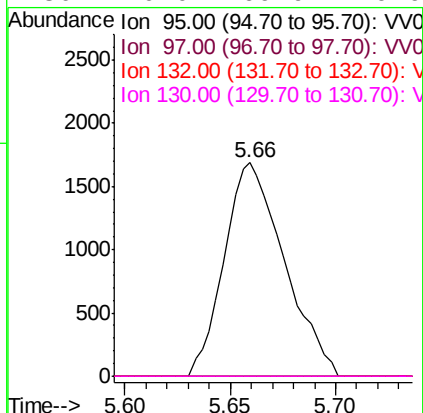
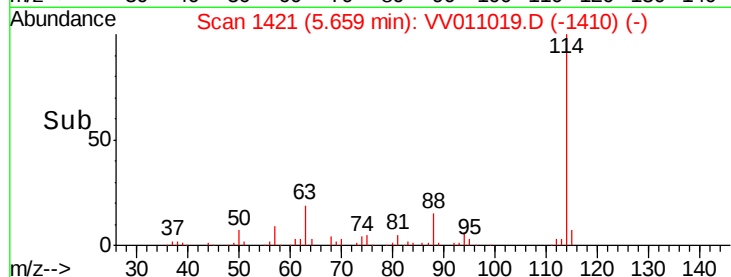
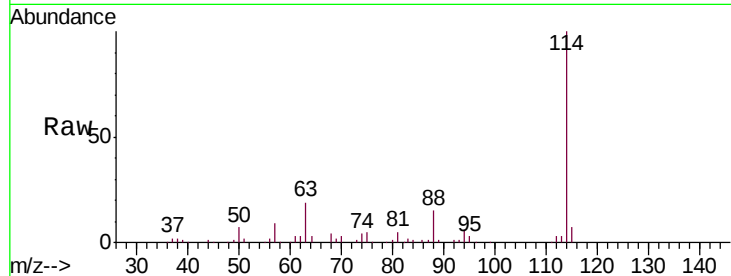
Ion Ratio Lower Upper

95 100

97 0.0 43.4 80.6#

132 0.0 68.8 127.8#

130 0.0 69.9 129.9#



#36

Methylcyclohexane

Concen: 3.765 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

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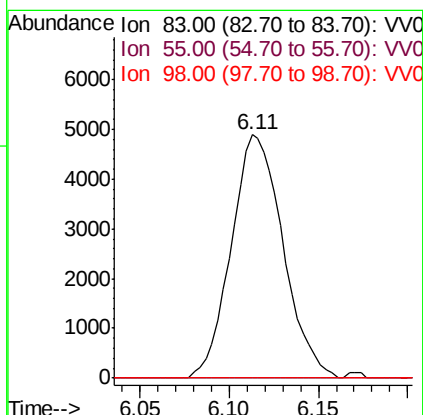
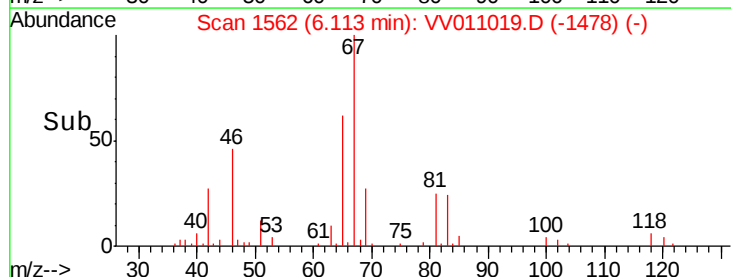
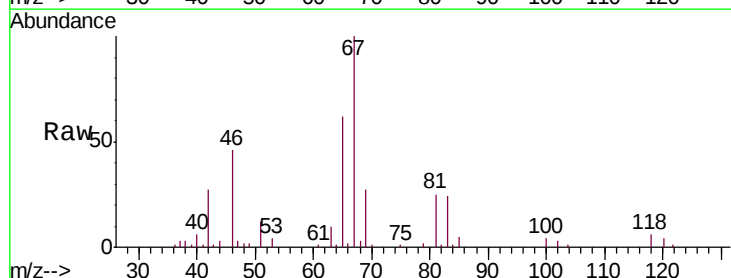
Tgt Ion: 83 Resp: 9893

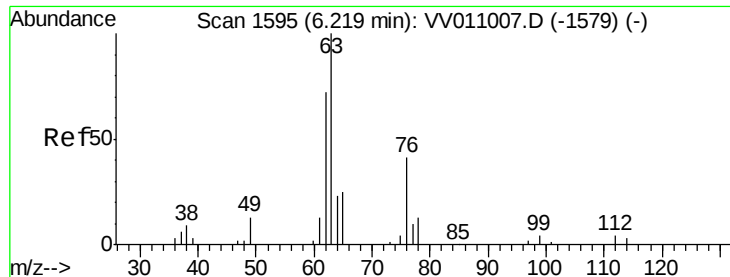
Ion Ratio Lower Upper

83 100

55 0.0 57.0 85.4#

98 2.4 36.2 54.4#

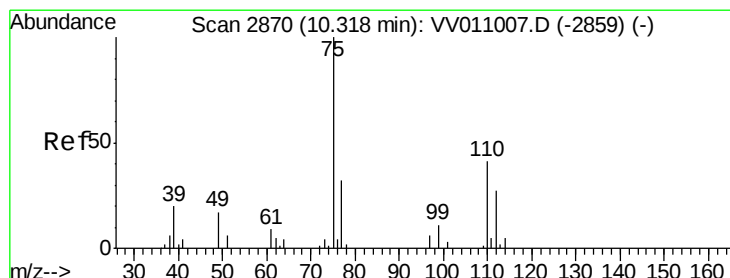
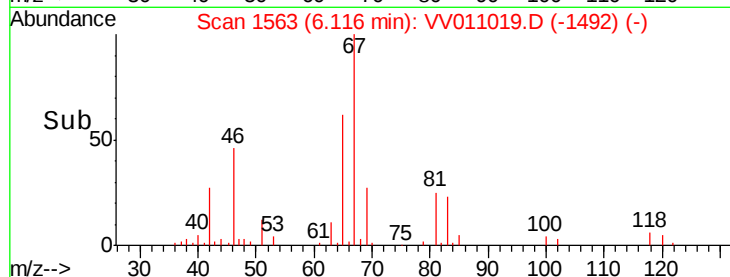
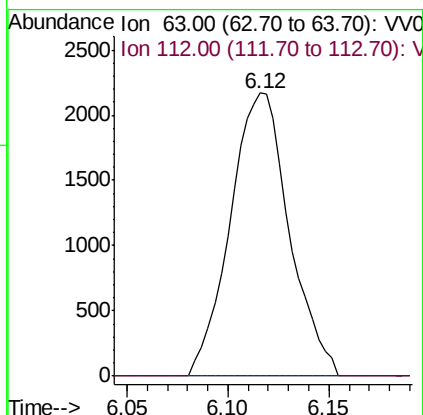
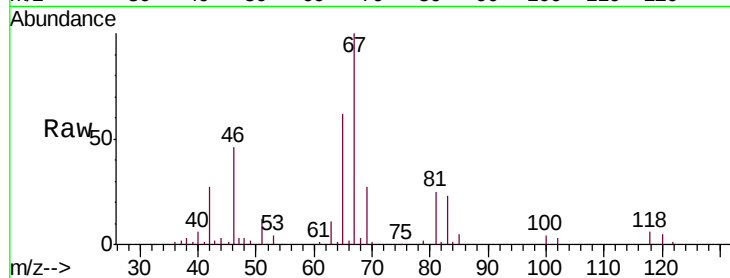




#40
 1,2-Dichloropropane
 Concen: 2.618 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011019.D
 Acq: 22 May 2019 15:39

Instrument :
 MSVOA_V
 ClientSampleID :
 BFHC0

Tgt Ion: 63 Resp: 4425
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#59
 1,2,3-Trichloropropane
 Concen: 3.638 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV011019.D
 Acq: 22 May 2019 15:39

Tgt Ion: 75 Resp: 5069
 Ion Ratio Lower Upper
 75 100
 77 37.2 25.4 38.2

