

Data File : VV011017.D
Acq On : 22 May 2019 14:44
Operator : SY/MD
Sample : K3006-01
Misc : 3.33G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFH86

Quant Time: May 23 08:04:47 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	146391	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	131839	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46006	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26017	15.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.36%
7) Chloroethane-d5	1.58	69	21527	19.05	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.20%
10) 1,1-Dichloroethene-d2	2.13	63	41165	12.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.32%
20) 2-Butanone-d5	3.94	46	15956	27.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.42%
24) Chloroform-d	4.40	84	78363	20.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.64%
26) 1,2-Dichloroethane-d4	5.08	65	38654	17.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	69.20%#
29) Benzene-d6	5.10	84	153318	21.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.20%
33) 1,2-Dichloropropane-d6	6.12	67	51646	22.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.32%
37) Toluene-d8	7.36	98	136774	20.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.76%
38) trans-1,3-Dichloropropene-	7.66	79	15192	16.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.72%
39) 2-Hexanone-d5	8.13	63	13308	31.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.40%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	37289	16.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	65.32%
61) 1,2-Dichlorobenzene-d4	11.67	152	42567	22.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.16%

Target Compounds

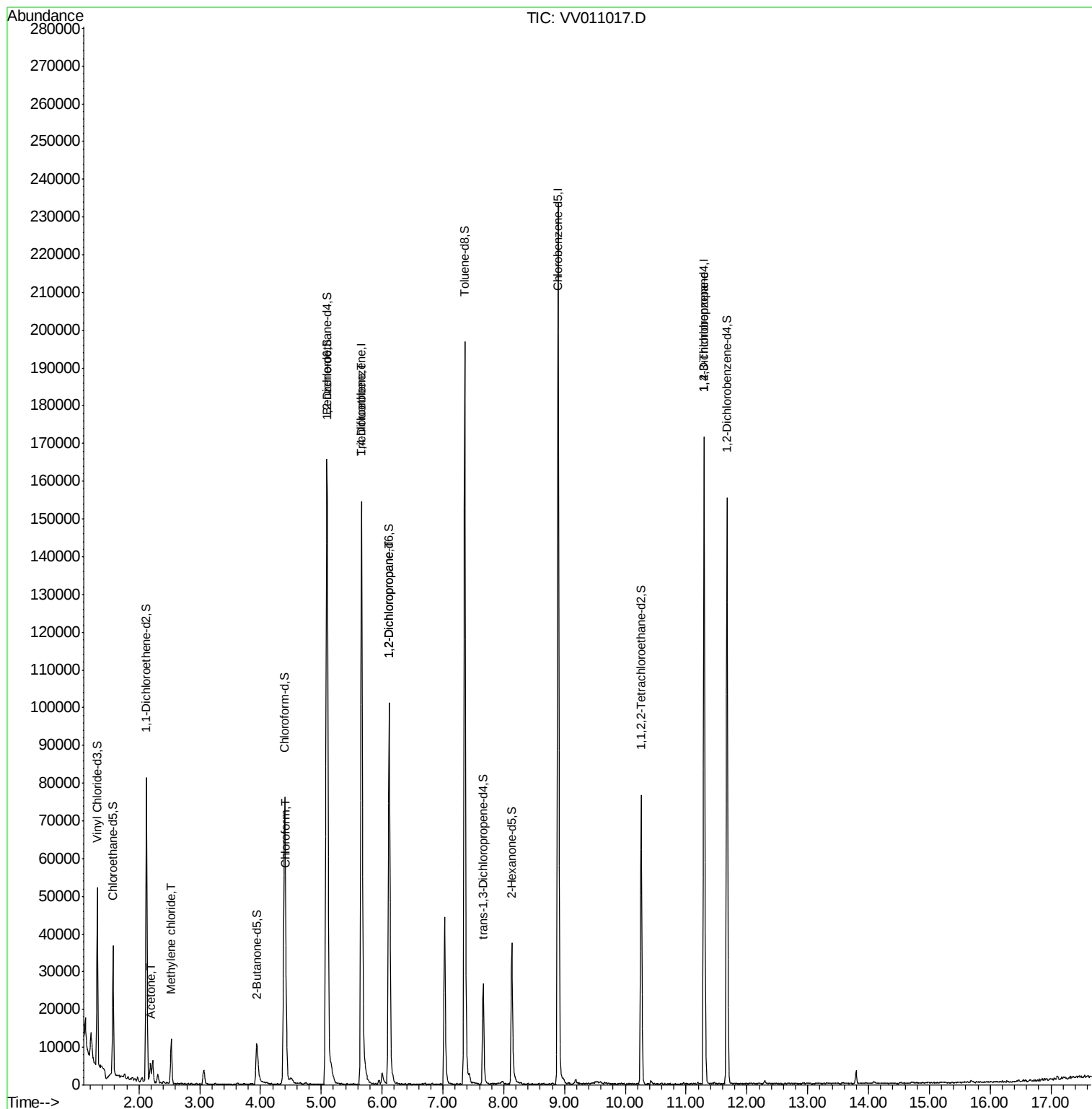
					Qvalue
13) Acetone	2.19	43	3416	6.151 ug/L	99
16) Methylene chloride	2.53	84	5038	2.005 ug/L	95
25) Chloroform	4.42	83	3359	0.765 ug/L	88
35) Trichloroethene	5.67	95	3899	1.857 ug/L #	5
40) 1,2-Dichloropropane	6.12	63	5436	2.722 ug/L #	86
59) 1,2,3-Trichloropropane	11.29	75	5916	3.594 ug/L	96

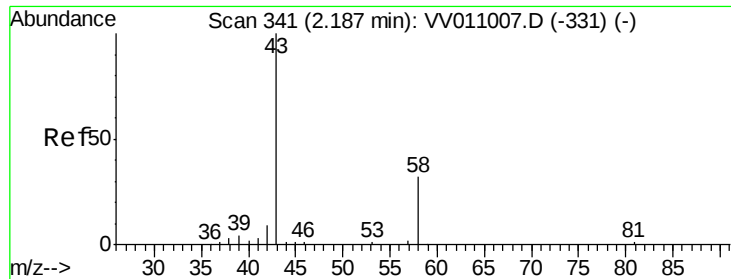
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.151 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV011017.D

Acq: 22 May 2019 14:44

Instrument :

MSVOA_V

ClientSampled :

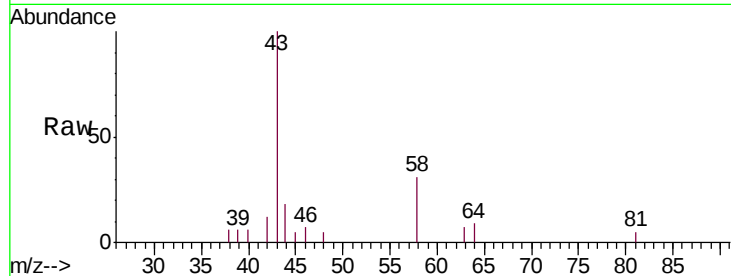
BFH86

Tgt Ion: 43 Resp: 3416

Ion Ratio Lower Upper

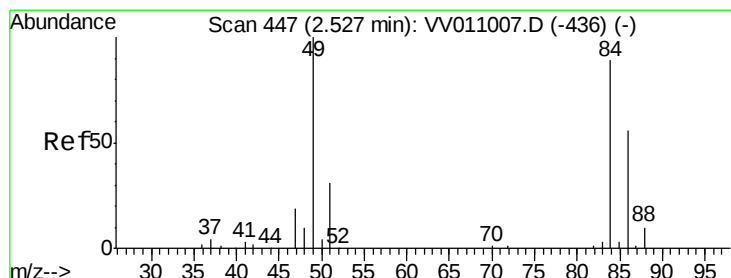
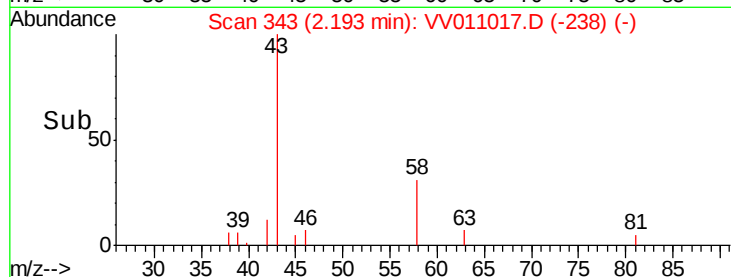
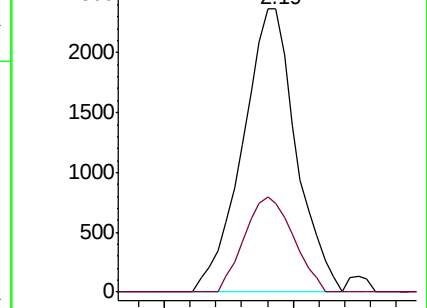
43 100

58 30.9 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) (-)



#16

Methylene chloride

Concen: 2.005 ug/L

RT: 2.53 min Scan# 448

Delta R.T. 0.00 min

Lab File: VV011017.D

Acq: 22 May 2019 14:44

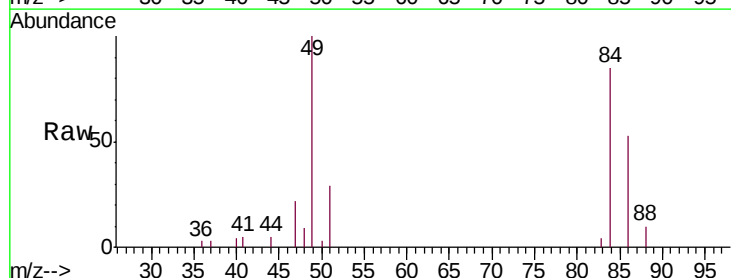
Tgt Ion: 84 Resp: 5038

Ion Ratio Lower Upper

84 100

49 118.1 77.4 143.8

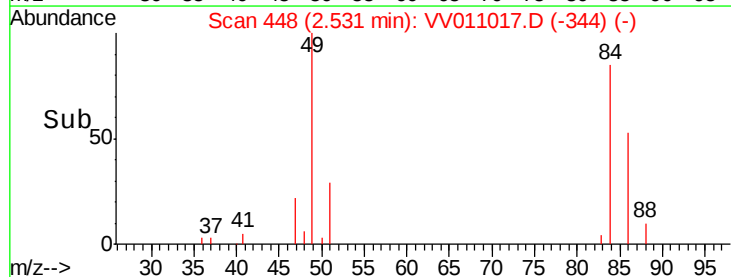
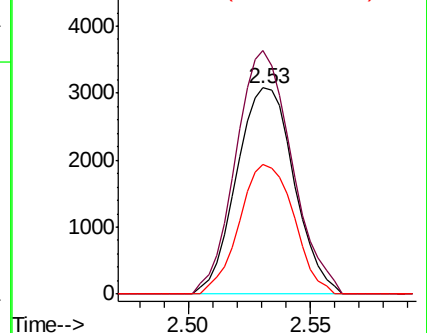
86 62.7 44.0 81.6

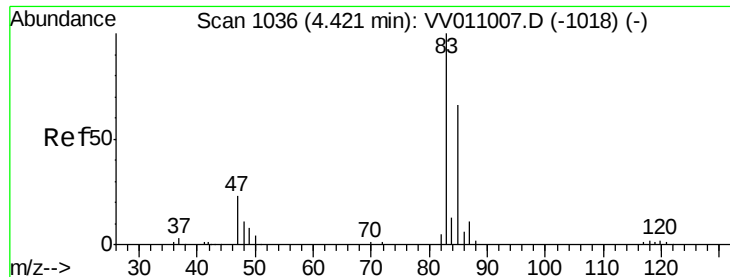


Abundance Ion 84.00 (83.70 to 84.70): VV011007.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV011007.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV011007.D (-436) (-)





#25

Chloroform

Concen: 0.765 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

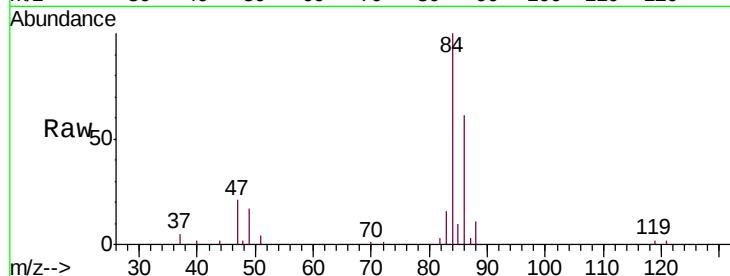
BFH86

Tgt Ion: 83 Resp: 3359

Ion Ratio Lower Upper

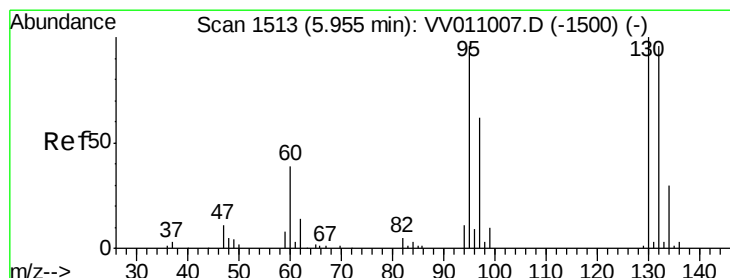
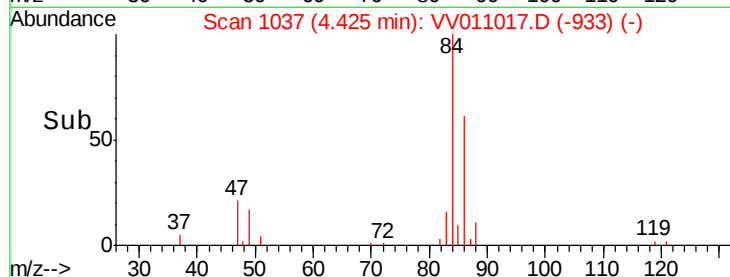
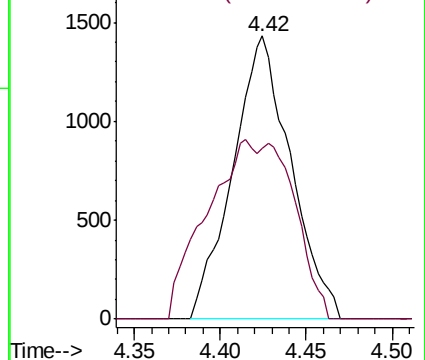
83 100

85 55.4 45.6 84.8



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



#35

Trichloroethene

Concen: 1.857 ug/L

RT: 5.67 min Scan# 1423

Delta R.T. -0.29 min

Lab File: VV011017.D

Acq: 22 May 2019 14:44

Tgt Ion: 95 Resp: 3899

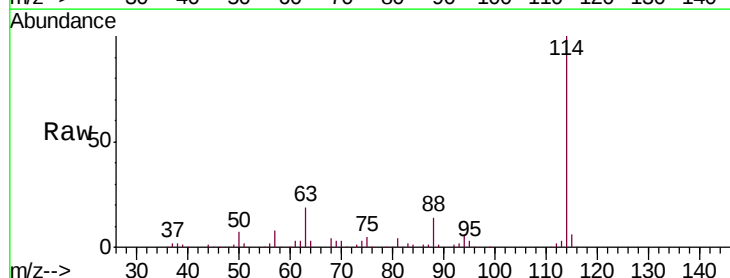
Ion Ratio Lower Upper

95 100

97 0.0 43.4 80.6#

132 0.0 68.8 127.8#

130 0.0 69.9 129.9#

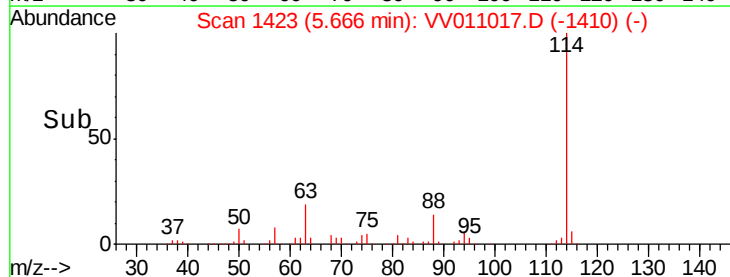
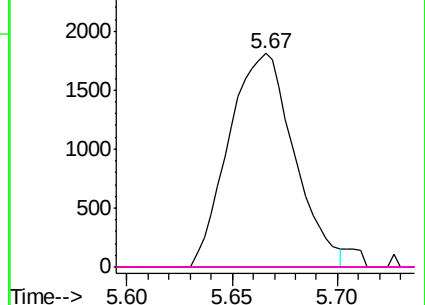


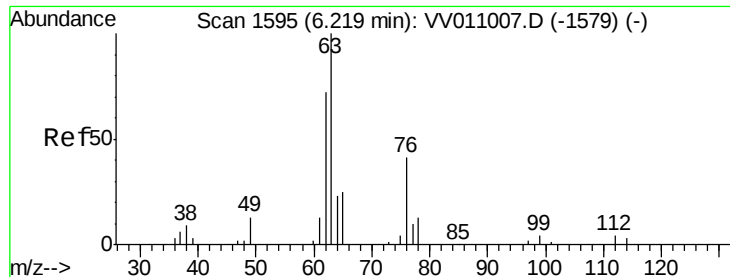
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

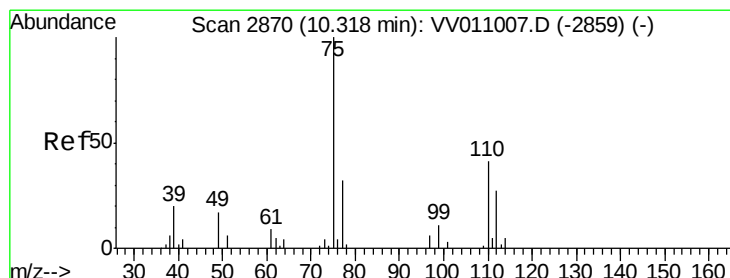
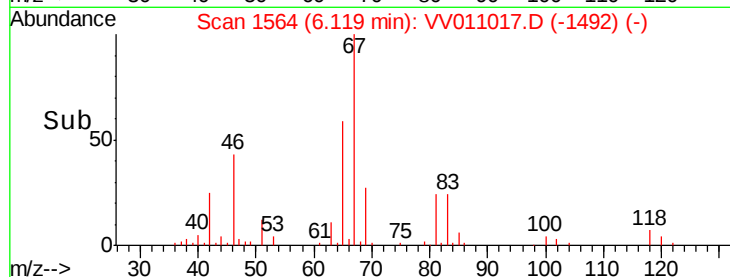
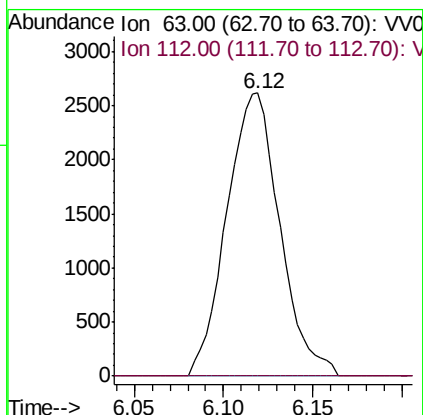
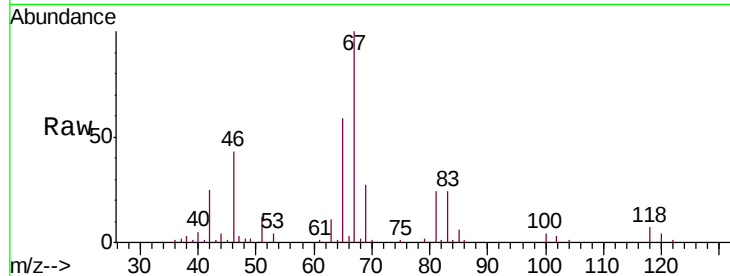




#40
 1,2-Dichloropropane
 Concen: 2.722 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV011017.D
 Acq: 22 May 2019 14:44

Instrument :
 MSVOA_V
 ClientSampleId :
 BFH86

Tgt Ion: 63 Resp: 5436
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#59
 1,2,3-Trichloropropane
 Concen: 3.594 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV011017.D
 Acq: 22 May 2019 14:44

Tgt Ion: 75 Resp: 5916
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.4 38.2

