

Data File : VV010997.D
Acq On : 21 May 2019 12:23
Operator : SY/MD
Sample : K2948-03RE
Misc : 5.37G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHA8

Quant Time: May 22 05:28:08 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	120124	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	117897	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	44395	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	23524	17.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.72%
7) Chloroethane-d5	1.56	69	19273	20.79	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.16%
10) 1,1-Dichloroethene-d2	2.12	63	36559	13.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.52%
20) 2-Butanone-d5	3.93	46	25647	54.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.54%
24) Chloroform-d	4.40	84	69080	22.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.08	65	41994	22.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.60%
29) Benzene-d6	5.09	84	140413	21.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.28%
33) 1,2-Dichloropropane-d6	6.11	67	47470	23.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.84%
37) Toluene-d8	7.36	98	115700	19.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.36%
38) trans-1,3-Dichloropropene-	7.66	79	17272	20.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.28%
39) 2-Hexanone-d5	8.13	63	18604	48.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.54%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47488	23.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.04%
61) 1,2-Dichlorobenzene-d4	11.67	152	42714	23.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.80%

Target Compounds

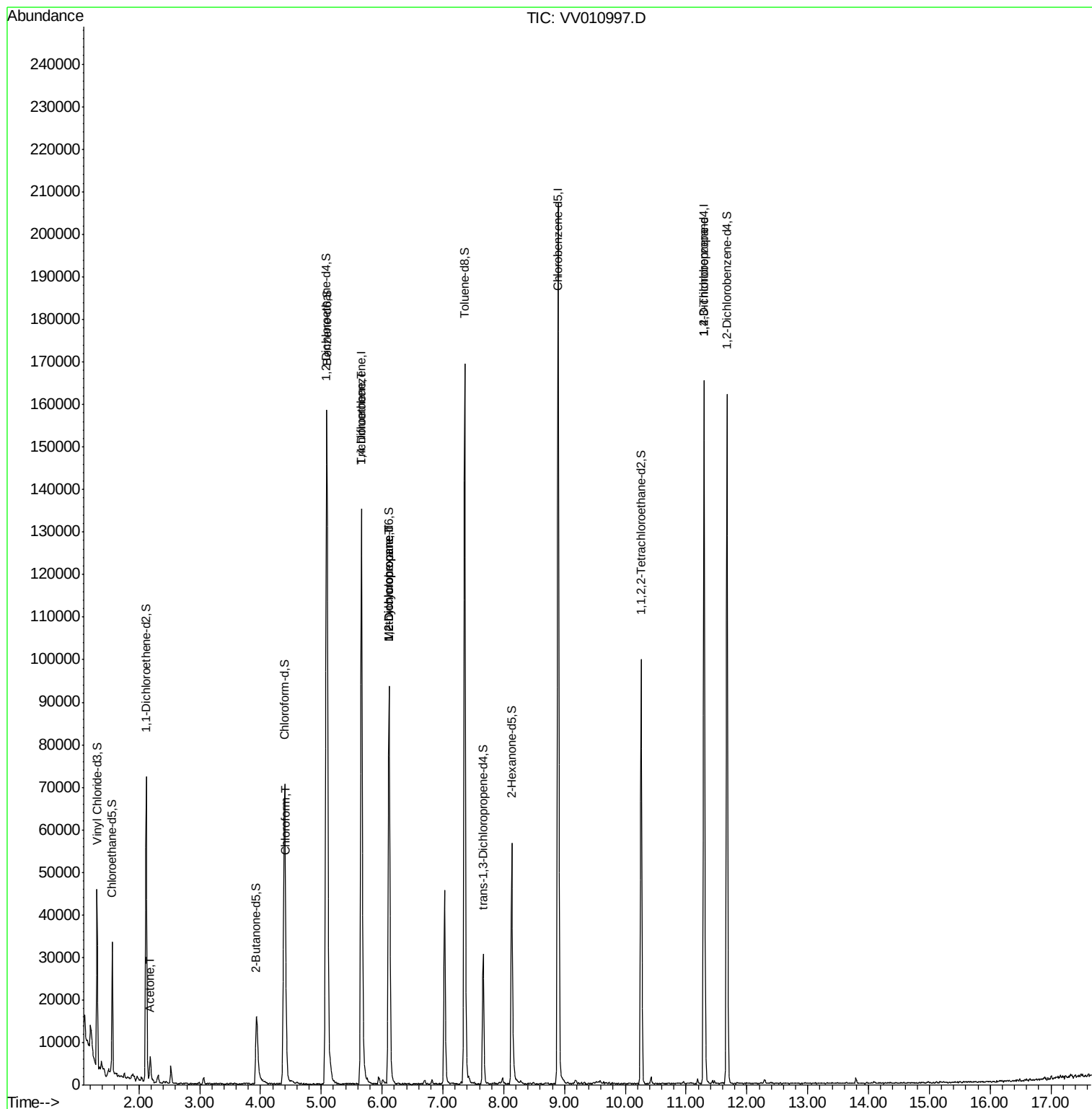
					Qvalue
13) Acetone	2.19	43	4989	10.948 ug/L	95
25) Chloroform	4.42	83	3696	1.026 ug/L #	66
35) Trichloroethene	5.66	95	3594	1.914 ug/L #	5
36) Methylcyclohexane	6.12	83	11173	4.025 ug/L #	21
40) 1,2-Dichloropropane	6.12	63	5126	2.870 ug/L #	86
59) 1,2,3-Trichloropropane	11.29	75	5674	3.854 ug/L	90

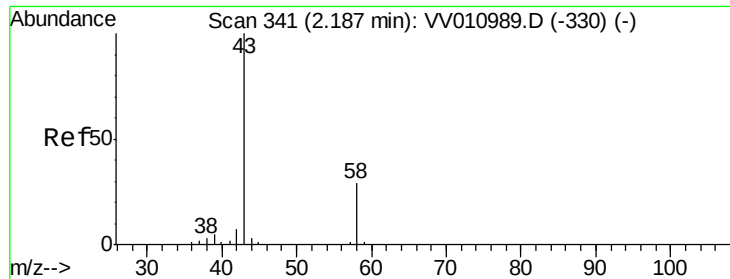
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.948 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

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MSVOA_V

ClientSampleId :

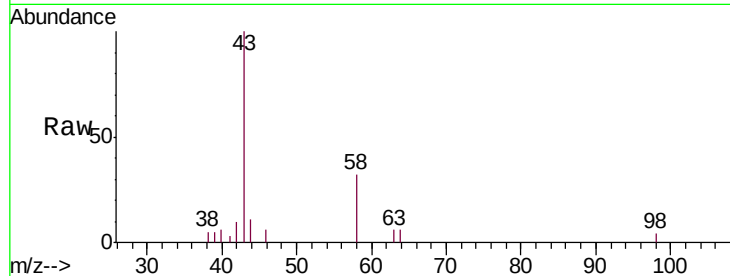
BFHA8

Tgt Ion: 43 Resp: 4989

Ion Ratio Lower Upper

43 100

58 33.3 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) (-)

2.19

3000

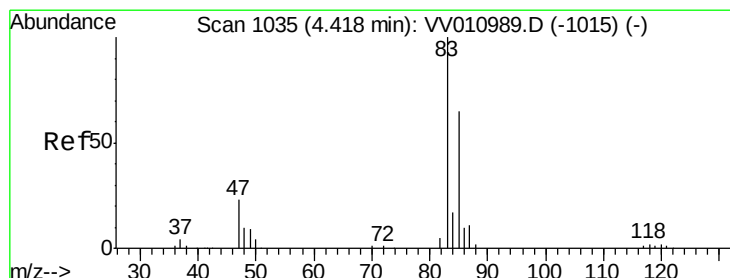
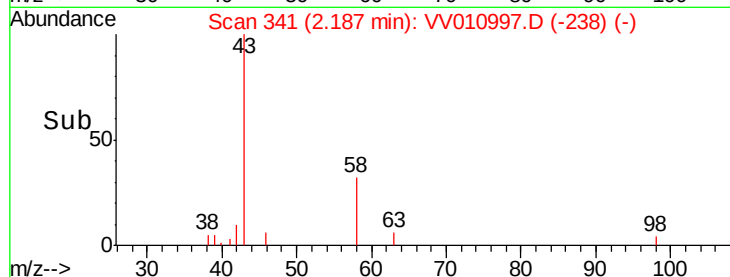
2000

1000

0

Time-->

2.15 2.20



#25

Chloroform

Concen: 1.026 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. 0.00 min

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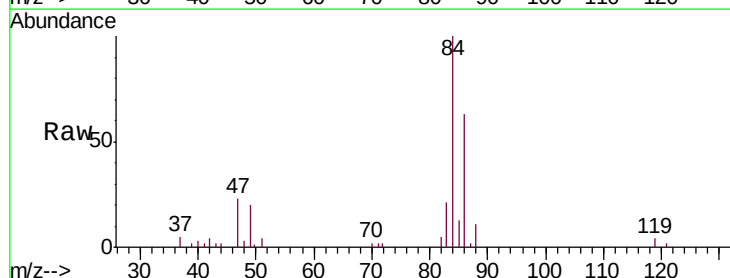
Acq: 21 May 2019 12:23

Tgt Ion: 83 Resp: 3696

Ion Ratio Lower Upper

83 100

85 92.3 45.6 84.8#



Abundance Ion 83.00 (82.70 to 83.70): VV010989.D (-1015) (-)

Ion 85.00 (84.70 to 85.70): VV010989.D (-1015) (-)

4.42

1500

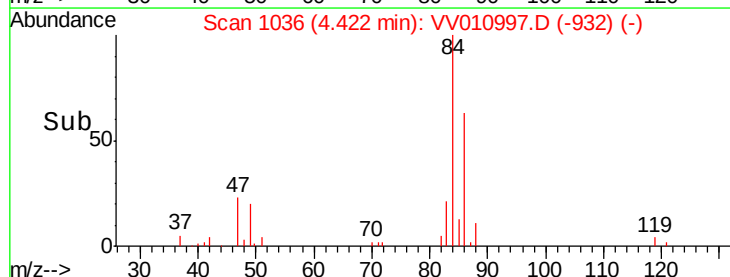
1000

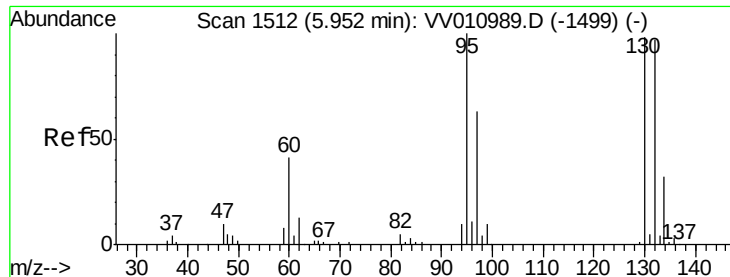
500

0

Time-->

4.35 4.40 4.45





#35

Trichloroethene

Concen: 1.914 ug/L

RT: 5.66 min Scan# 1421

Delta R.T. -0.29 min

Lab File: VV010997.D

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Instrument :

MSVOA_V

ClientSampleId :

BFHA8

Tgt Ion: 95 Resp: 3594

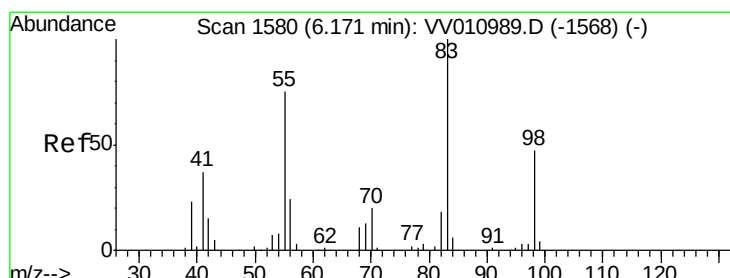
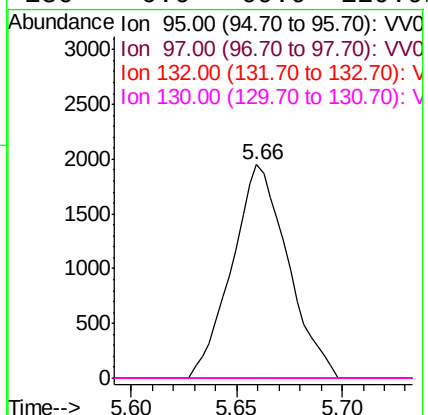
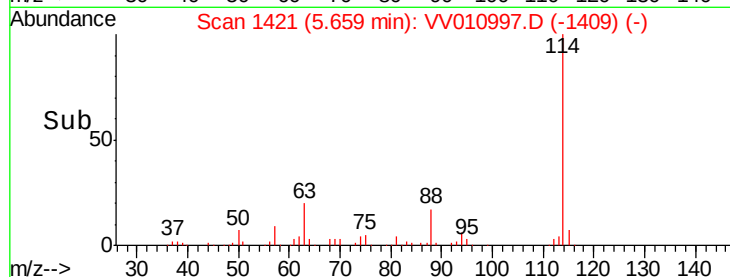
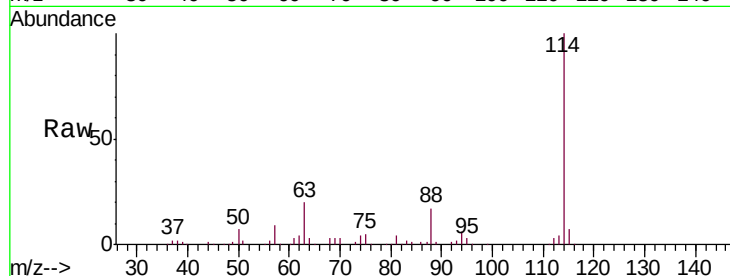
Ion Ratio Lower Upper

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: 4.025 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV010997.D

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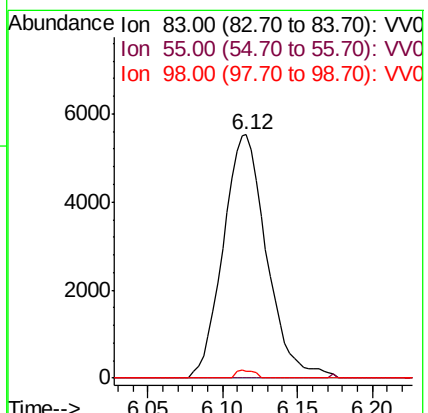
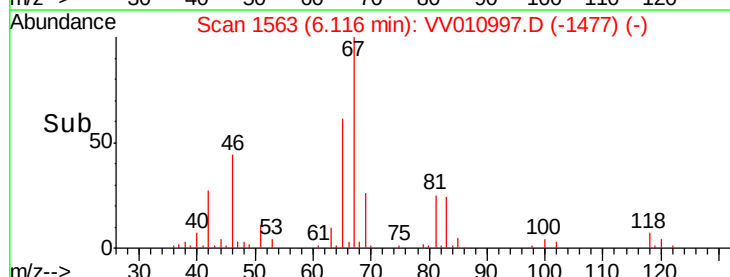
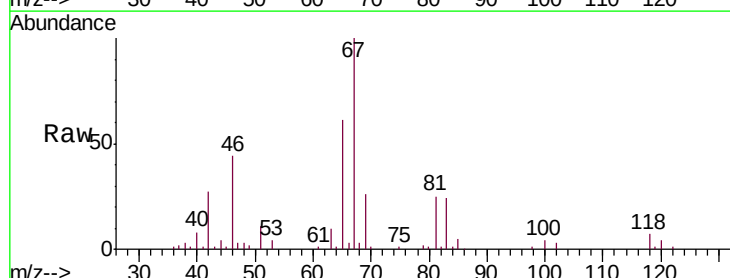
Tgt Ion: 83 Resp: 11173

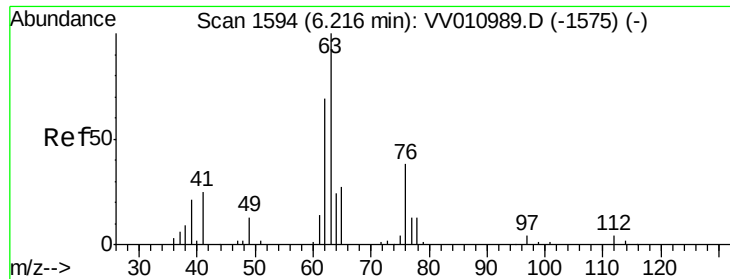
Ion Ratio Lower Upper

83 100

55 0.0 57.0 85.4#

98 1.3 36.2 54.4#

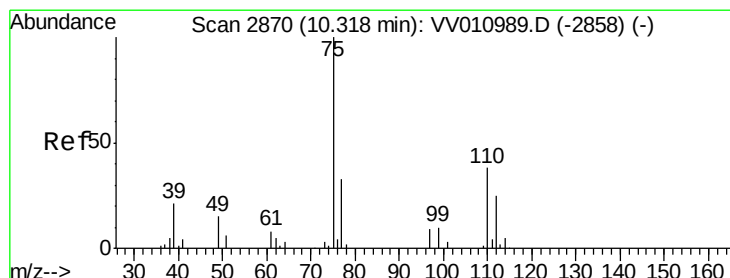
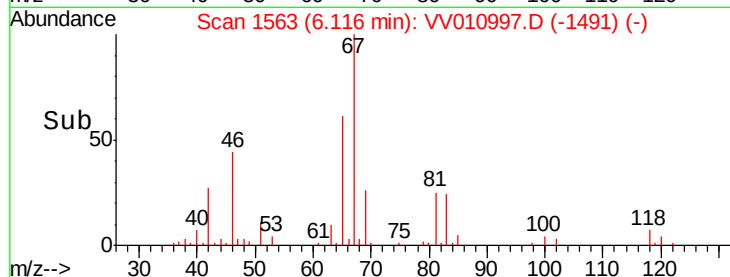
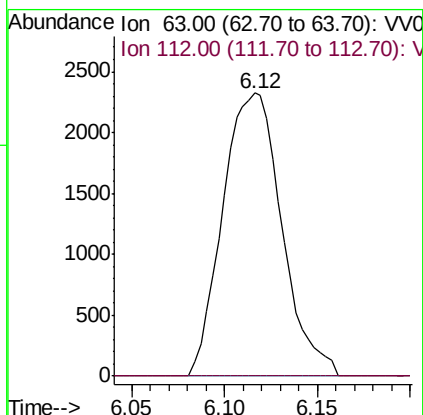
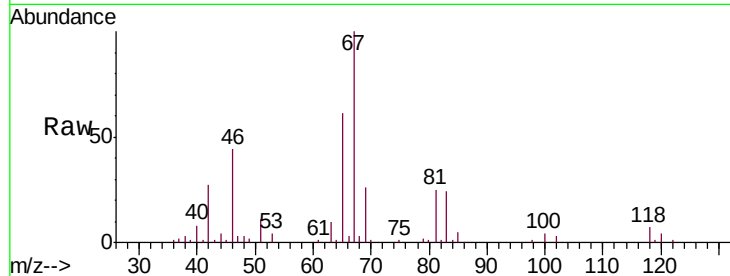




#40
 1,2-Dichloropropane
 Concen: 2.870 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
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Instrument :
 MSVOA_V
 ClientSampled :
 BFHA8

Tgt Ion: 63 Resp: 5126
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#59
 1,2,3-Trichloropropane
 Concen: 3.854 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV010997.D
 Acq: 21 May 2019 12:23

Tgt Ion: 75 Resp: 5674
 Ion Ratio Lower Upper
 75 100
 77 37.6 25.4 38.2

