

Data File : VV010712.D
Acq On : 08 May 2019 00:58
Operator : SY/MD
Sample : K2613-10
Misc : 4.11G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHD5

Quant Time: May 08 03:07:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Wed May 08 03:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	102054	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	100146	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42586	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23184	14.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.48%
7) Chloroethane-d5	1.57	69	21804	16.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.84%
10) 1,1-Dichloroethene-d2	2.12	63	37607	10.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.76%#
20) 2-Butanone-d5	3.94	46	18485	38.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.72%
24) Chloroform-d	4.40	84	50611	18.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.76%
26) 1,2-Dichloroethane-d4	5.08	65	35341	20.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.36%
29) Benzene-d6	5.10	84	101549	19.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.08%
33) 1,2-Dichloropropane-d6	6.12	67	34568	20.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.32%
37) Toluene-d8	7.36	98	93088	18.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.76%
38) trans-1,3-Dichloropropene-	7.66	79	12293	16.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.20%
39) 2-Hexanone-d5	8.13	63	12952	36.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.70%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	31137	19.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.92%
61) 1,2-Dichlorobenzene-d4	11.67	152	33008	20.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.04%

Target Compounds

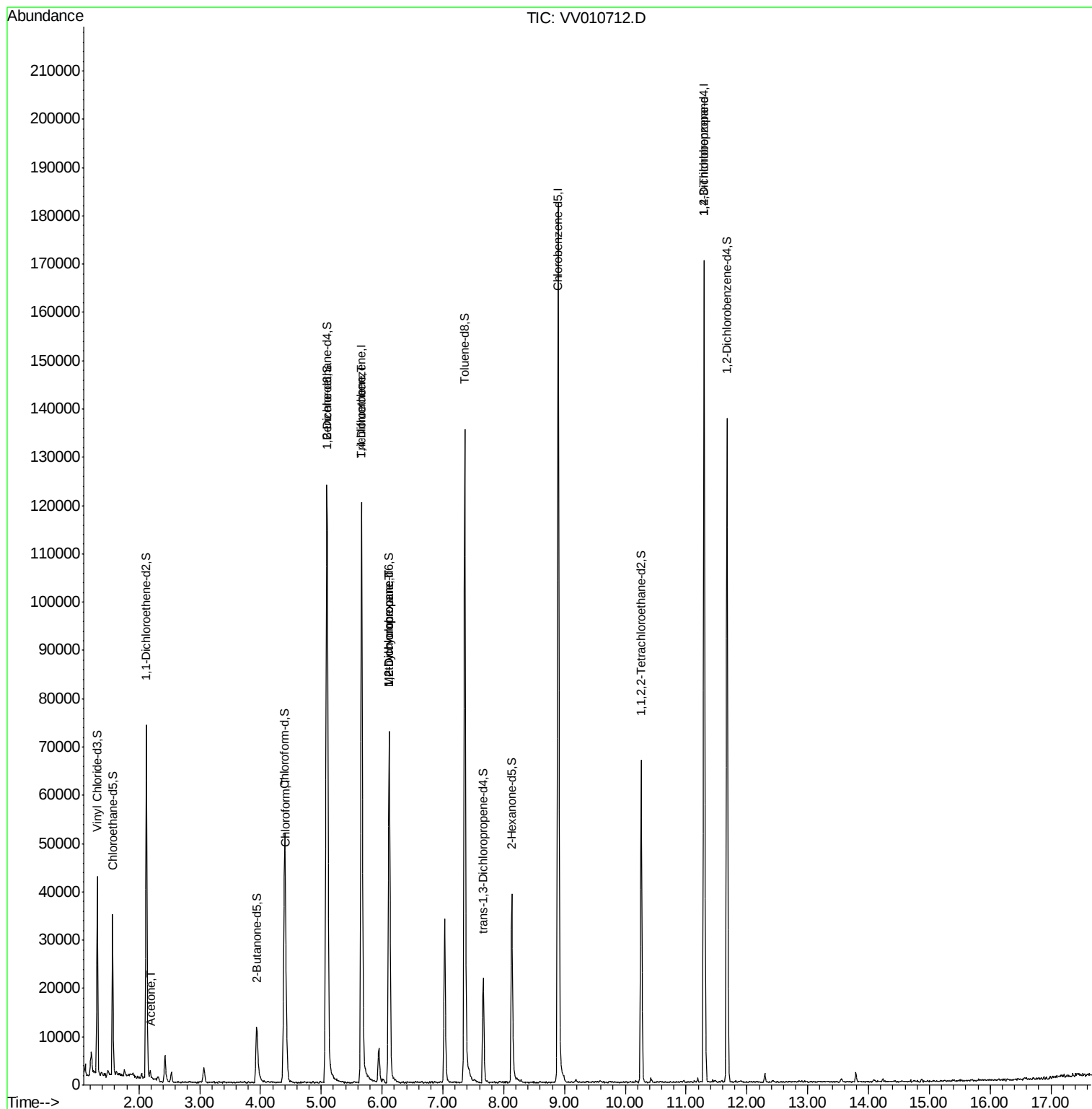
					Qvalue
13) Acetone	2.19	43	1046	1.420 ug/L	98
25) Chloroform	4.42	83	3020	0.978 ug/L	94
35) Trichloroethene	5.66	95	1621	0.984 ug/L #	7
36) Methylcyclohexane	6.12	83	8242	3.123 ug/L #	17
40) 1,2-Dichloropropane	6.12	63	4010	2.564 ug/L #	87
59) 1,2,3-Trichloropropane	11.30	75	5411	4.119 ug/L #	81

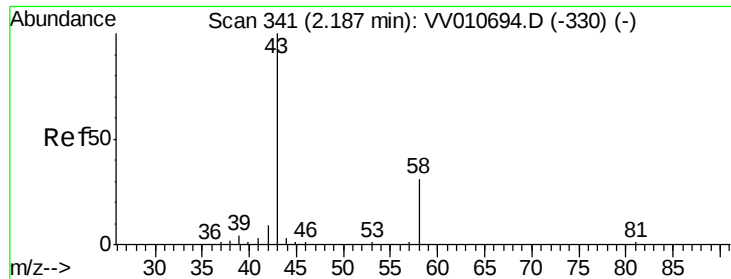
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.420 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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MSVOA_V

ClientSampleId :

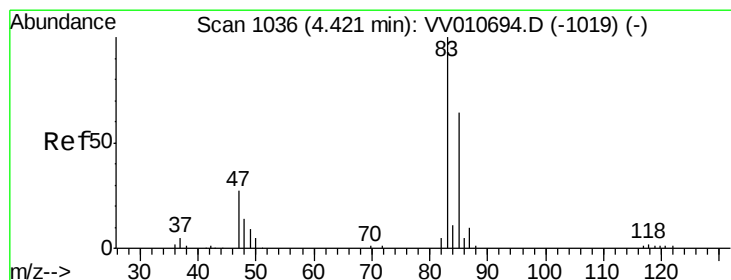
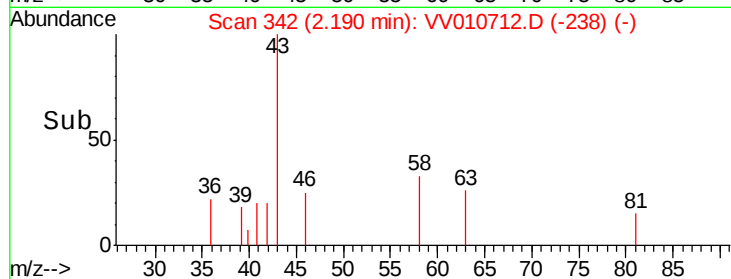
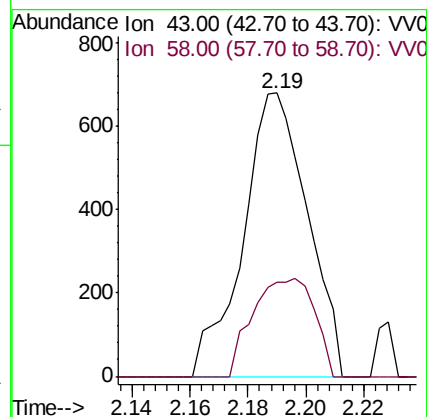
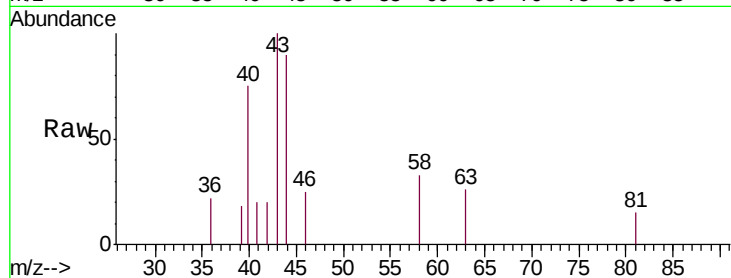
BFHD5

Tgt Ion: 43 Resp: 1046

Ion Ratio Lower Upper

43 100

58 32.9 0.0 63.4



#25

Chloroform

Concen: 0.978 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. 0.00 min

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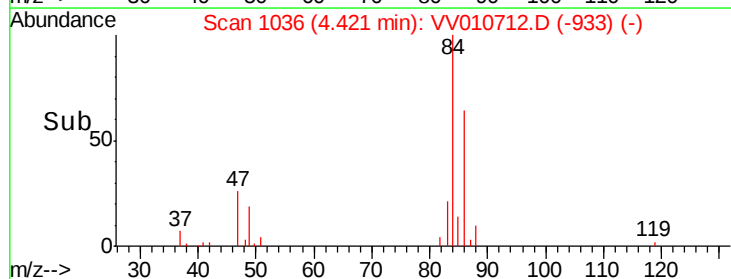
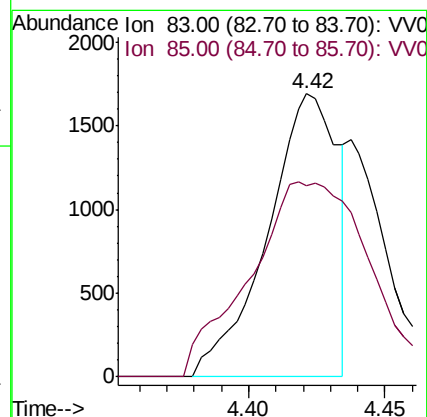
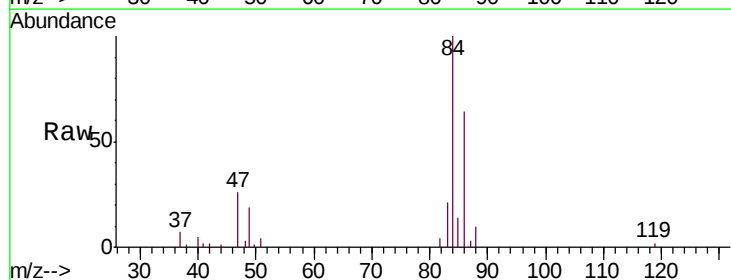
Acq: 08 May 2019 00:58

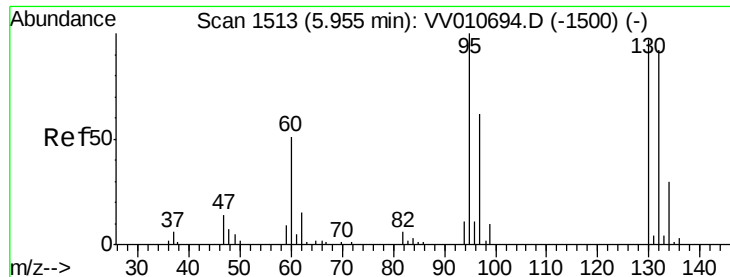
Tgt Ion: 83 Resp: 3020

Ion Ratio Lower Upper

83 100

85 59.2 44.6 82.8





#35

Trichloroethene

Concen: 0.984 ug/L

RT: 5.66 min Scan# 1420

Delta R.T. -0.30 min

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Acq: 08 May 2019 00:58

Instrument :

MSVOA_V

ClientSampleId :

BFHD5

Tgt Ion: 95 Resp: 1621

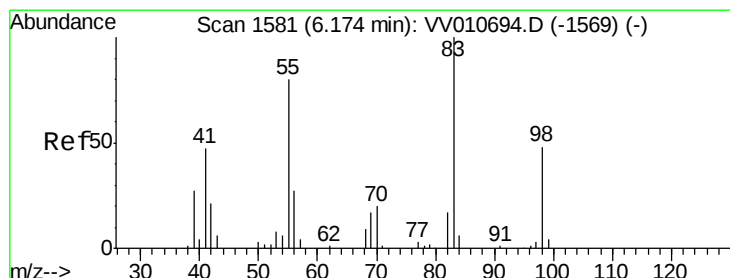
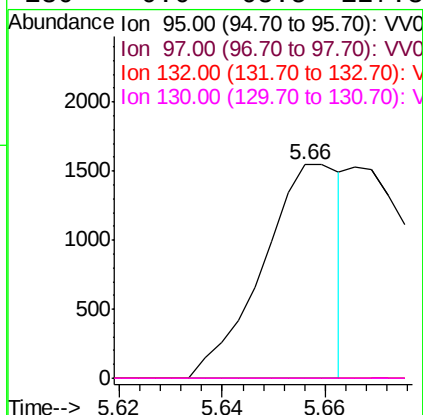
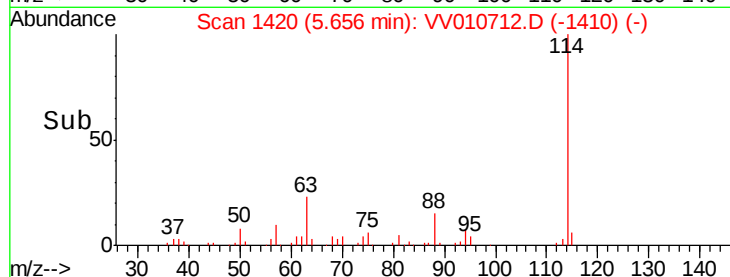
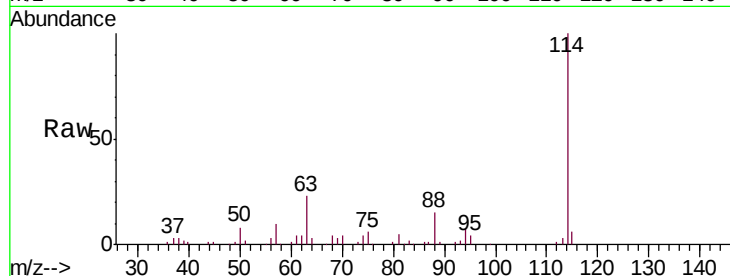
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 62.4 115.8#

130 0.0 68.5 127.3#



#36

Methylcyclohexane

Concen: 3.123 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

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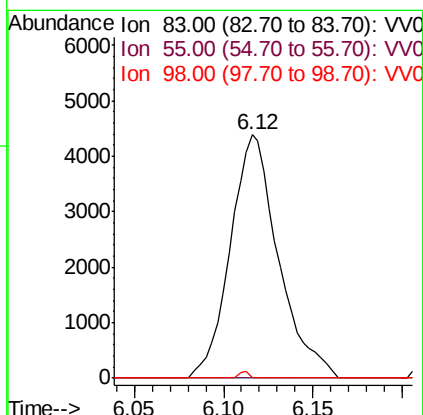
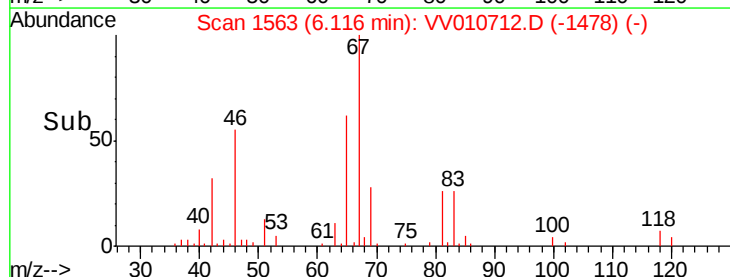
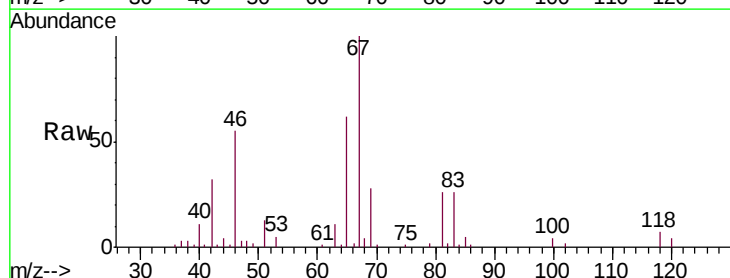
Tgt Ion: 83 Resp: 8242

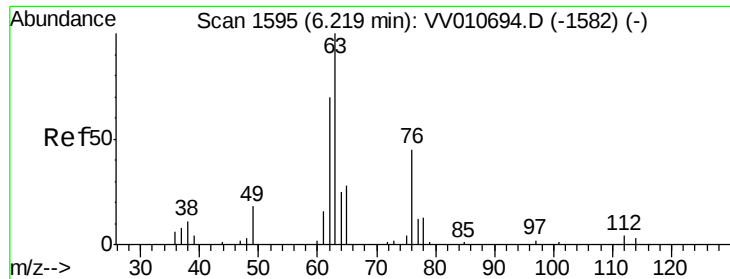
Ion Ratio Lower Upper

83 100

55 0.0 64.6 96.8#

98 0.5 37.7 56.5#





#40

1,2-Dichloropropane

Concen: 2.564 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

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Acq: 08 May 2019 00:58

Instrument :

MSVOA_V

ClientSampleId :

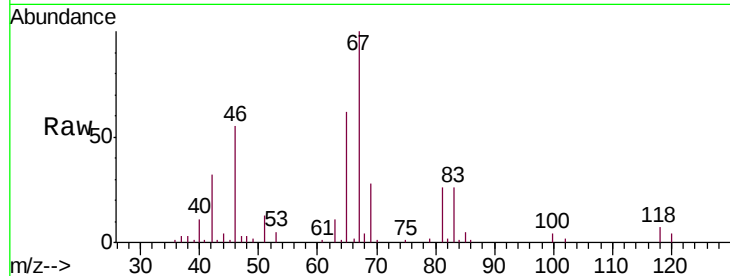
BFHD5

Tgt Ion: 63 Resp: 4010

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV010694.D (-1582) (-)

Ion 112.00 (111.70 to 112.70): VV010694.D (-1582) (-)

6.12

1500

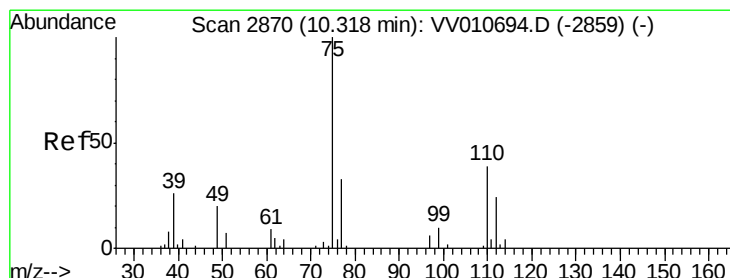
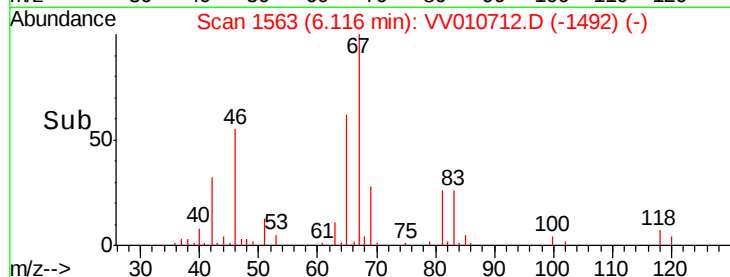
1000

500

0

6.05 6.10 6.15

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.119 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010712.D

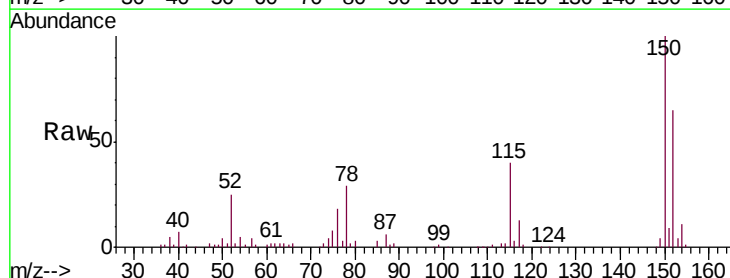
Acq: 08 May 2019 00:58

Tgt Ion: 75 Resp: 5411

Ion Ratio Lower Upper

75 100

77 21.0 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VV010694.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV010694.D (-2859) (-)

11.30

4000

3000

2000

1000

0

11.25 11.30 11.35

Time-->

