

Data File : VV010789.D
Acq On : 10 May 2019 02:22
Operator : SY/MD
Sample : K2716-02
Misc : 5.29G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFH68

Quant Time: May 10 07:58:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 07:54:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	87991	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	87457	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	31734	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	22753	16.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.56%
7) Chloroethane-d5	1.57	69	23829	21.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.72%
10) 1,1-Dichloroethene-d2	2.12	63	41251	13.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.64%
20) 2-Butanone-d5	3.93	46	14988	36.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.08%
24) Chloroform-d	4.39	84	55019	22.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.72%
26) 1,2-Dichloroethane-d4	5.08	65	35367	23.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.44%
29) Benzene-d6	5.09	84	106284	23.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.36%
33) 1,2-Dichloropropane-d6	6.11	67	36167	24.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.64%
37) Toluene-d8	7.36	98	92692	21.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.12%
38) trans-1,3-Dichloropropene-	7.66	79	12671	18.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.80%
39) 2-Hexanone-d5	8.13	63	10386	33.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.68%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	25256	18.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.28%
61) 1,2-Dichlorobenzene-d4	11.67	152	30036	24.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.76%

Target Compounds

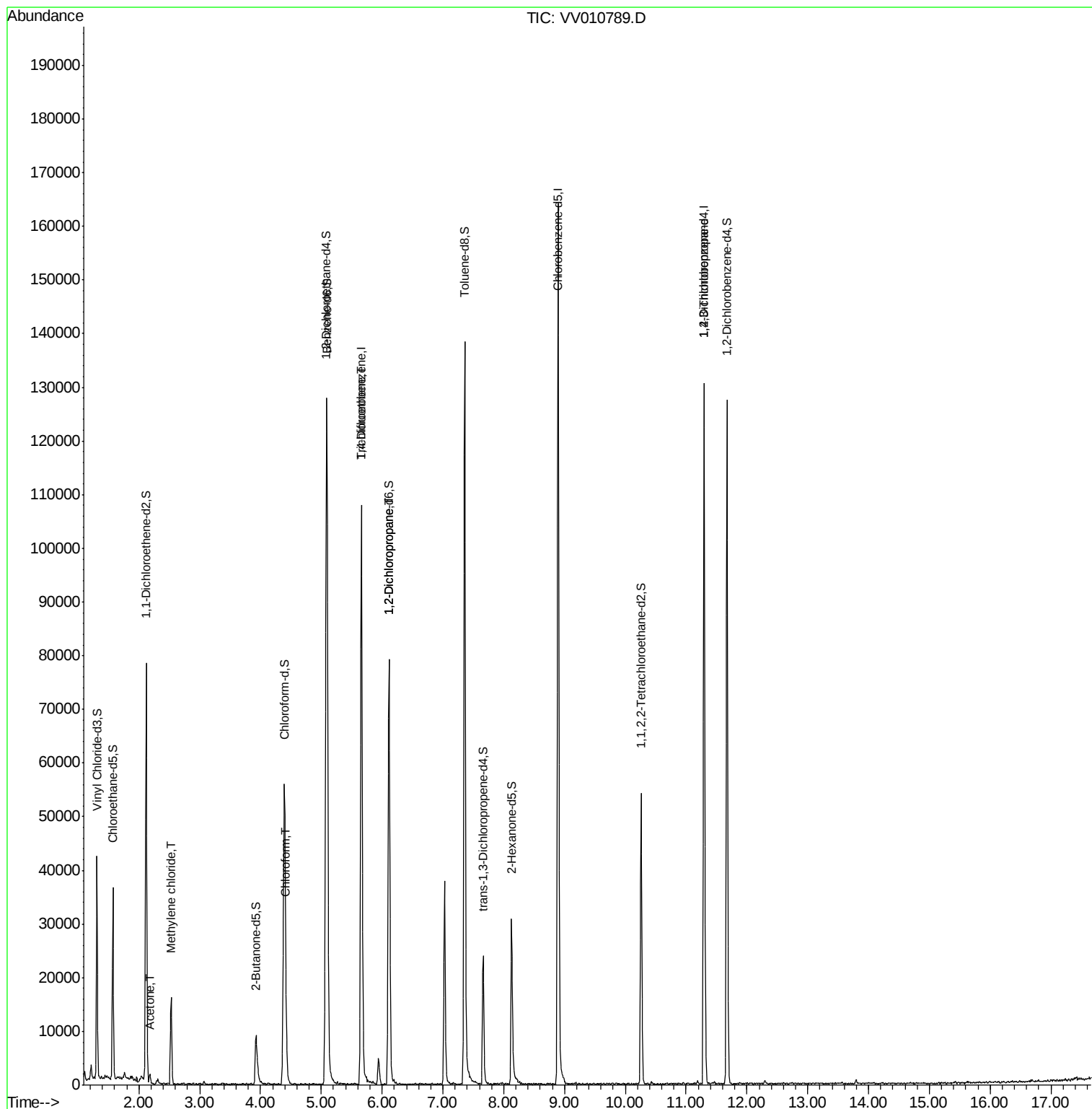
					Qvalue
13) Acetone	2.18	43	1318	2.075 ug/L	94
16) Methylene chloride	2.53	84	6380	4.689 ug/L	97
25) Chloroform	4.42	83	5035	1.891 ug/L #	72
35) Trichloroethene	5.66	95	2739	1.905 ug/L #	7
40) 1,2-Dichloropropane	6.12	63	4561	3.340 ug/L #	87
59) 1,2,3-Trichloropropane	11.30	75	4753	4.143 ug/L	92

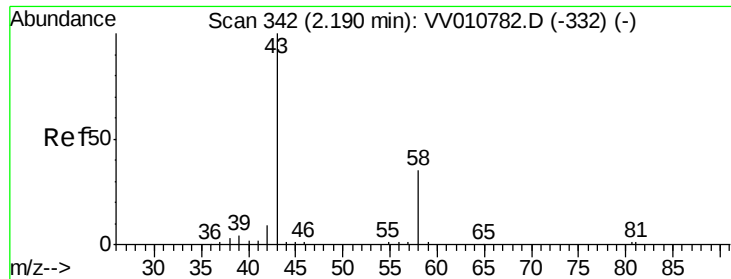
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.075 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.01 min

Lab File: VV010789.D

Acq: 10 May 2019 02:22

Instrument :

MSVOA_V

ClientSampleId :

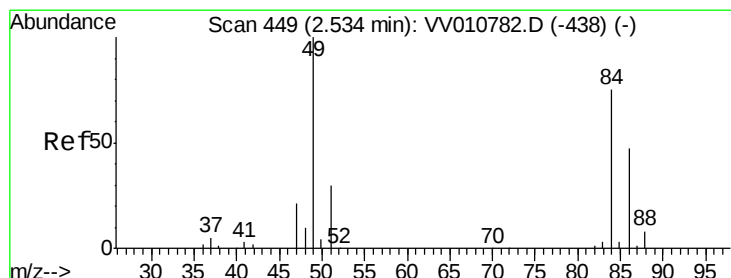
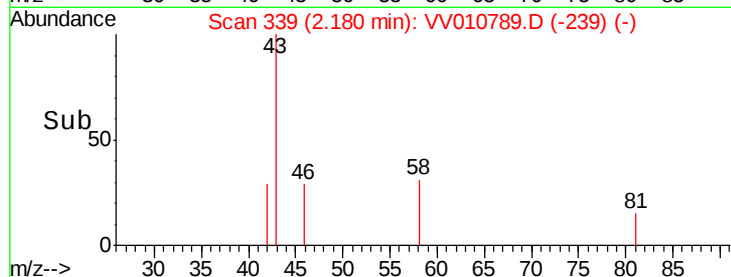
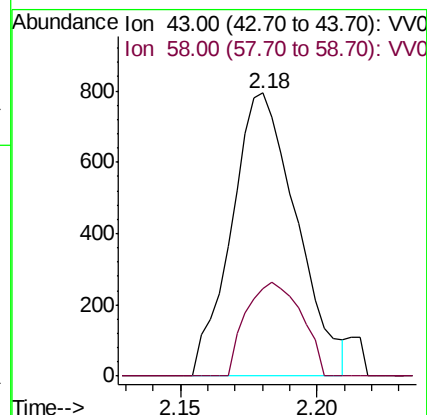
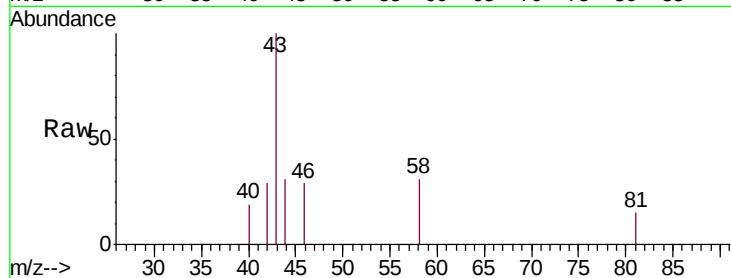
BFH68

Tgt Ion: 43 Resp: 1318

Ion Ratio Lower Upper

43 100

58 28.3 0.0 63.4



#16

Methylene chloride

Concen: 4.689 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

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Acq: 10 May 2019 02:22

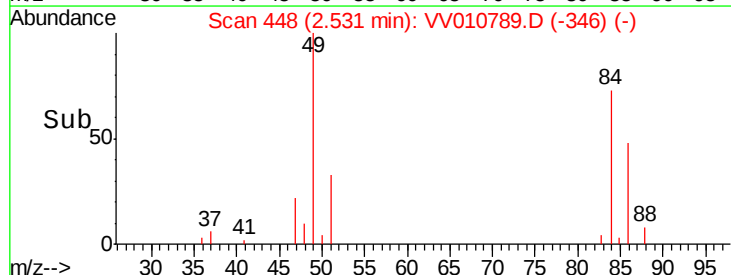
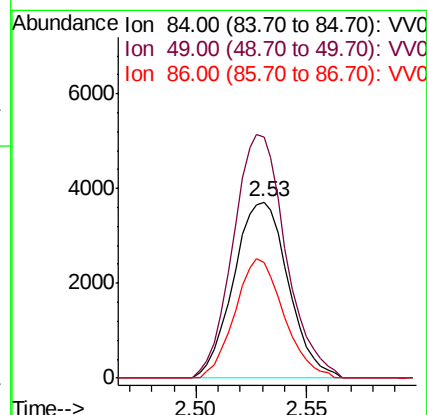
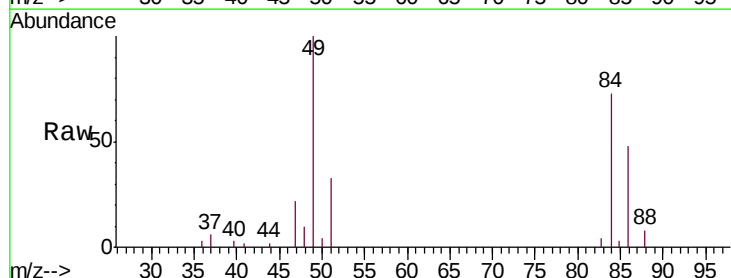
Tgt Ion: 84 Resp: 6380

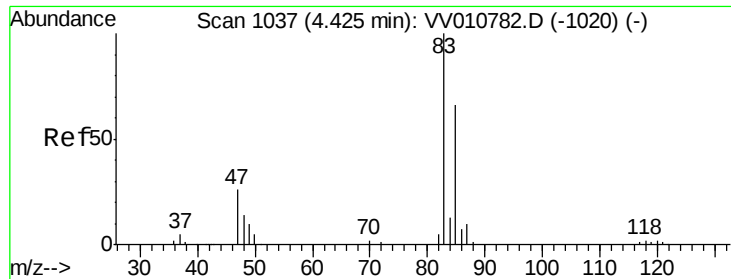
Ion Ratio Lower Upper

84 100

49 137.1 92.9 172.5

86 65.9 46.5 86.5

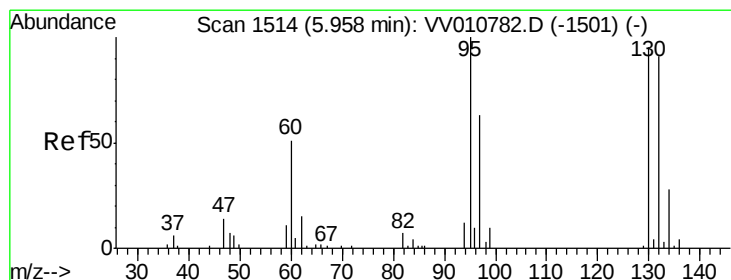
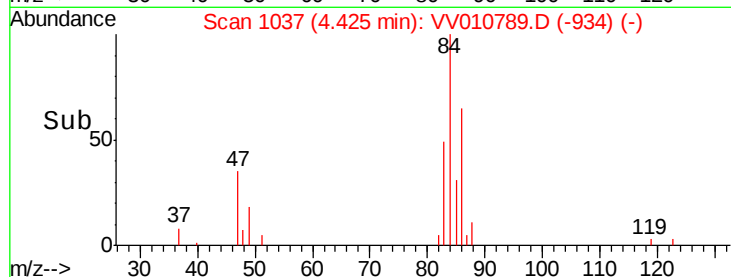
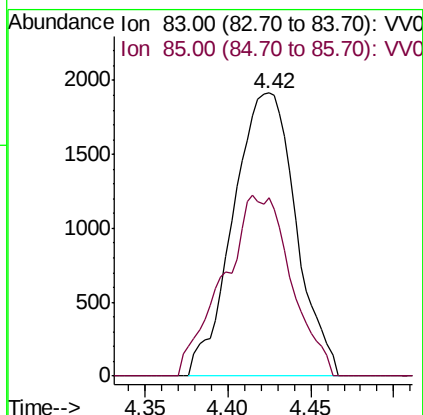
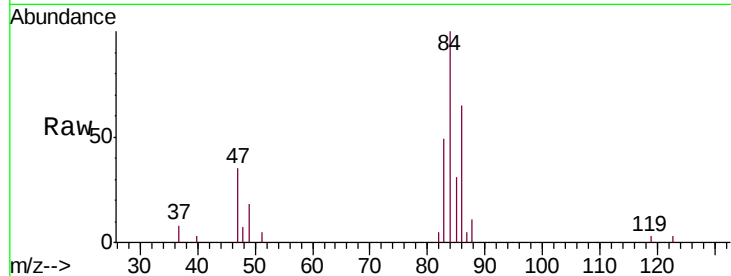




#25
Chloroform
Concen: 1.891 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV010789.D
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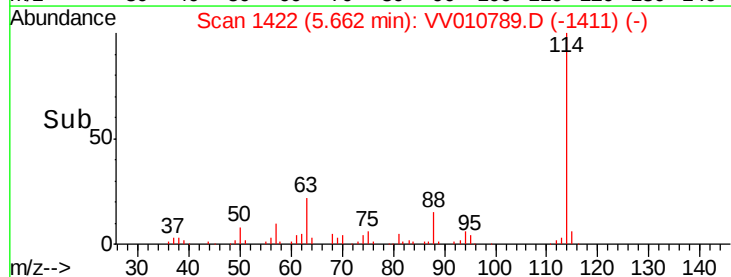
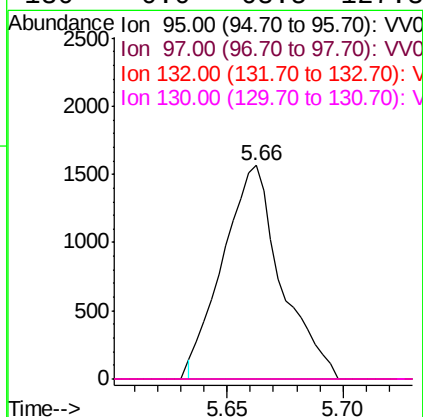
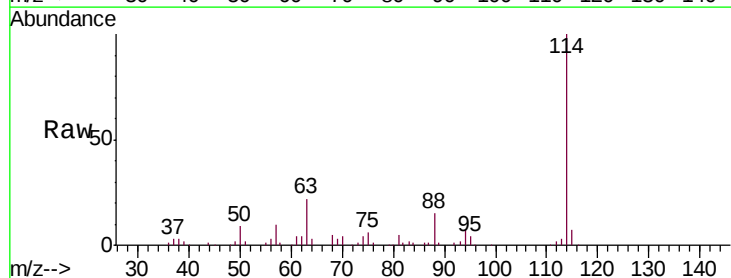
Instrument :
MSVOA_V
ClientSampled :
BFH68

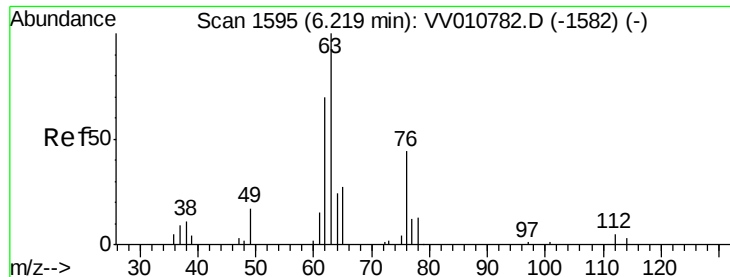
Tgt Ion: 83 Resp: 5035
Ion Ratio Lower Upper
83 100
85 42.1 44.6 82.8#



#35
Trichloroethene
Concen: 1.905 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.30 min
Lab File: VV010789.D
Acq: 10 May 2019 02:22

Tgt Ion: 95 Resp: 2739
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#





#40

1,2-Dichloropropane

Concen: 3.340 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV010789.D

Acq: 10 May 2019 02:22

Instrument :

MSVOA_V

ClientSampled :

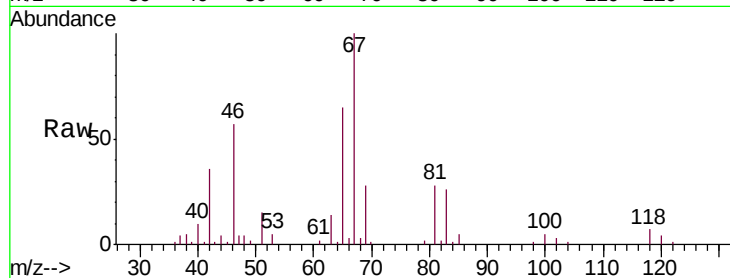
BFH68

Tgt Ion: 63 Resp: 4561

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV010782.D (-1582) (-)

Ion 112.00 (111.70 to 112.70): VV010782.D (-1582) (-)

6.12

2500

2000

1500

1000

500

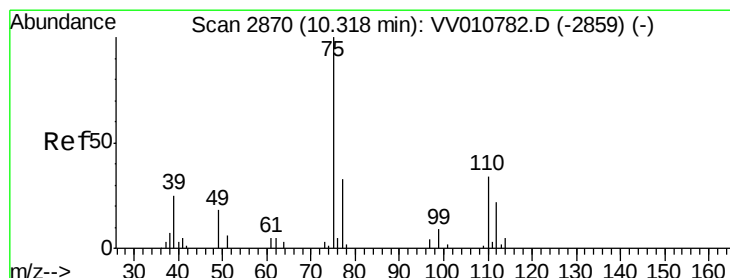
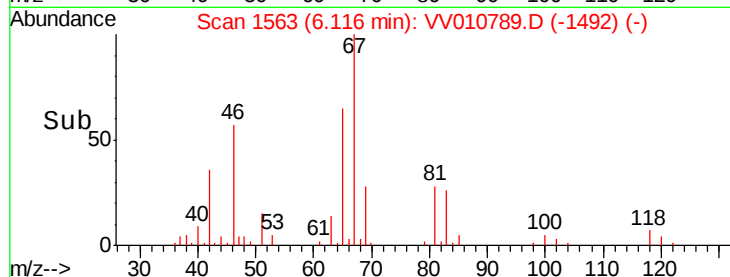
0

6.05

6.10

6.15

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.143 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010789.D

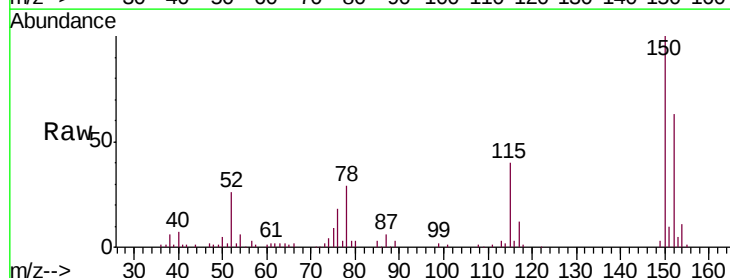
Acq: 10 May 2019 02:22

Tgt Ion: 75 Resp: 4753

Ion Ratio Lower Upper

75 100

77 35.5 25.0 37.6



Abundance Ion 75.00 (74.70 to 75.70): VV010782.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV010782.D (-2859) (-)

11.30

3000

2500

2000

1500

1000

500

0

11.25

11.30

11.35

Time-->

