

Data File : VV010783.D
Acq On : 09 May 2019 23:36
Operator : SY/MD
Sample : VV0509SBL02
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK86

Quant Time: May 10 07:57:32 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	87399	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	88879	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	37009	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26883	19.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.20%
7) Chloroethane-d5	1.57	69	25249	22.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.40%
10) 1,1-Dichloroethene-d2	2.12	63	46672	15.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.40%
20) 2-Butanone-d5	3.94	46	17679	43.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.78%
24) Chloroform-d	4.40	84	52337	21.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.84%
26) 1,2-Dichloroethane-d4	5.08	65	34844	23.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.64%
29) Benzene-d6	5.10	84	106406	22.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.00%
33) 1,2-Dichloropropane-d6	6.12	67	34583	23.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.80%
37) Toluene-d8	7.36	98	98100	21.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.60%
38) trans-1,3-Dichloropropene-	7.66	79	13559	19.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.80%
39) 2-Hexanone-d5	8.13	63	12828	41.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.24%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	30020	21.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.72%
61) 1,2-Dichlorobenzene-d4	11.67	152	34766	24.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.04%

Target Compounds

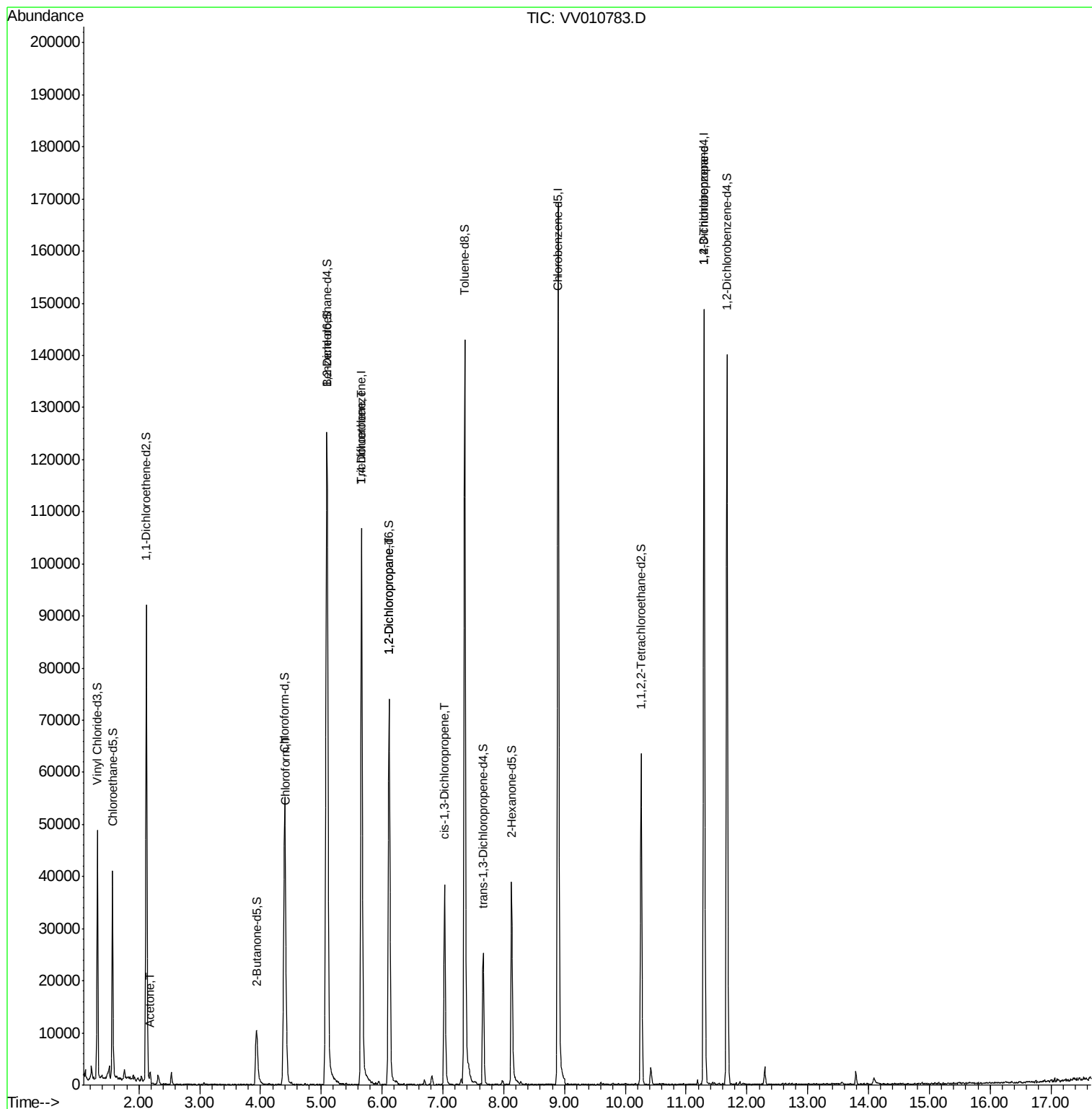
					Qvalue
13) Acetone	2.19	43	734	1.164 ug/L	90
25) Chloroform	4.42	83	3201	1.210 ug/L	80
35) Trichloroethene	5.66	95	2738	1.873 ug/L #	7
40) 1,2-Dichloropropane	6.12	63	4462	3.215 ug/L #	87
42) cis-1,3-Dichloropropene	7.03	75	1205	0.549 ug/L #	75
59) 1,2,3-Trichloropropane	11.30	75	5463	4.686 ug/L	89

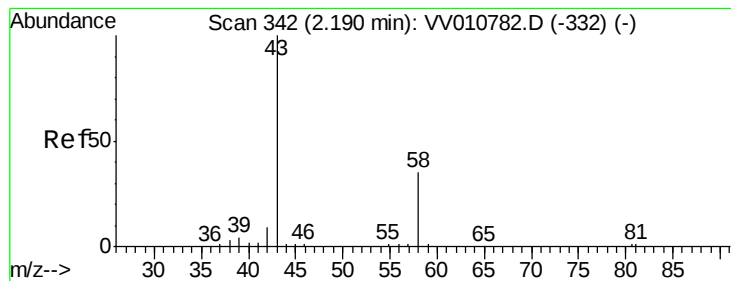
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.164 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

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MSVOA_V

ClientSampleId :

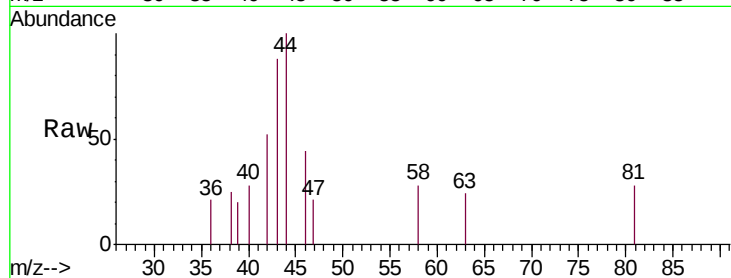
VBLK86

Tgt Ion: 43 Resp: 734

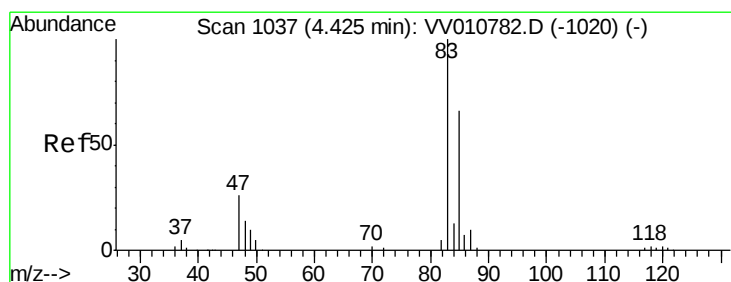
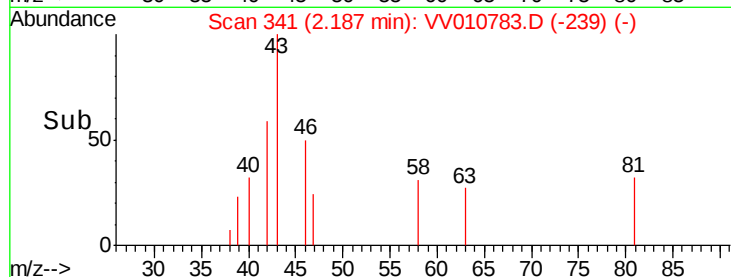
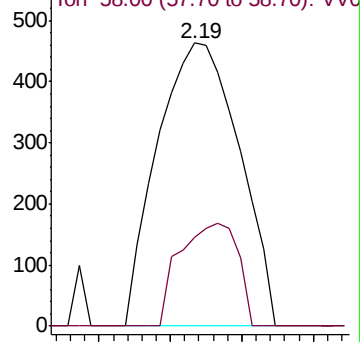
Ion Ratio Lower Upper

43 100

58 25.9 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010782.D (-332) (-)



#25

Chloroform

Concen: 1.210 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. -0.01 min

Lab File: VV010783.D

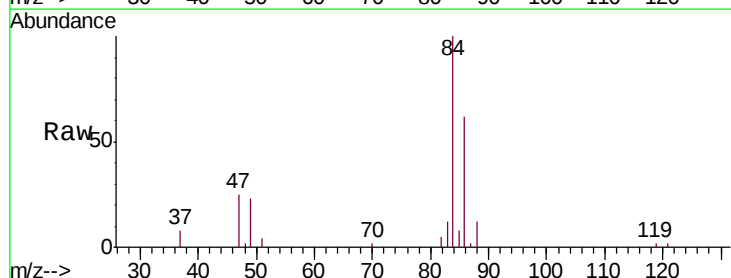
Acq: 09 May 2019 23:36

Tgt Ion: 83 Resp: 3201

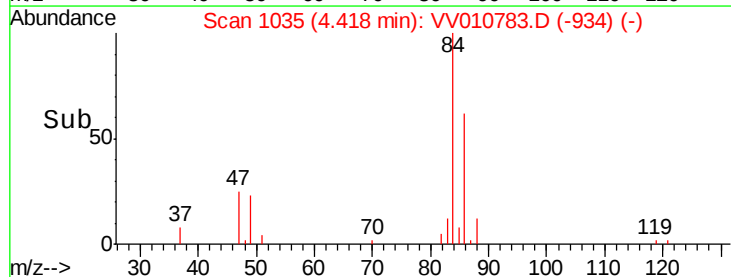
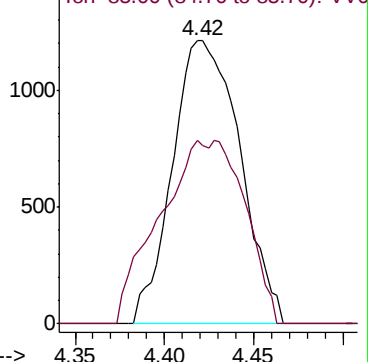
Ion Ratio Lower Upper

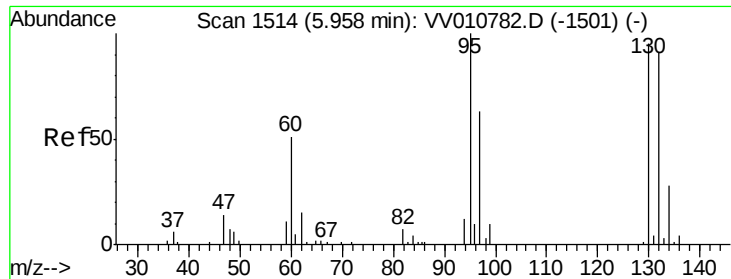
83 100

85 48.0 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV010782.D (-1020) (-)





#35

Trichloroethene

Concen: 1.873 ug/L

RT: 5.66 min Scan# 1421

Delta R.T. -0.30 min

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Instrument :

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ClientSampleId :

VBLK86

Tgt Ion: 95 Resp: 2738

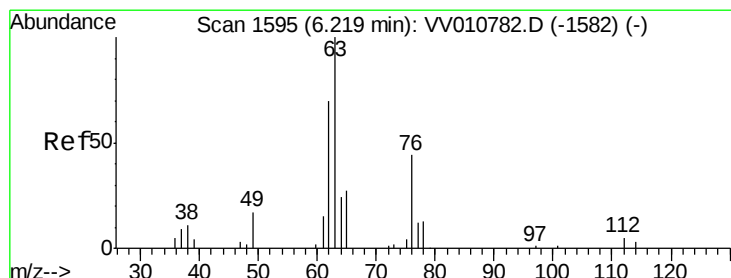
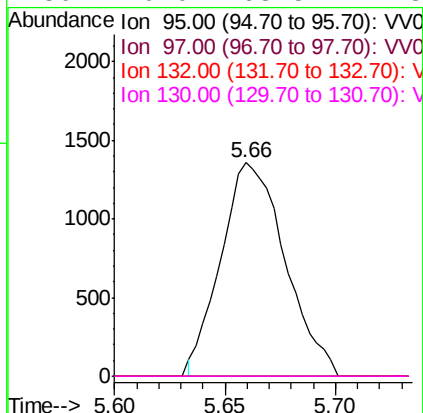
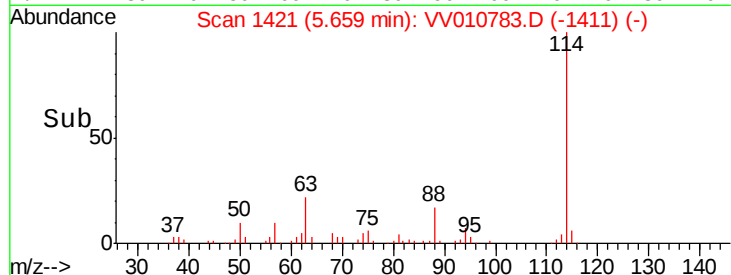
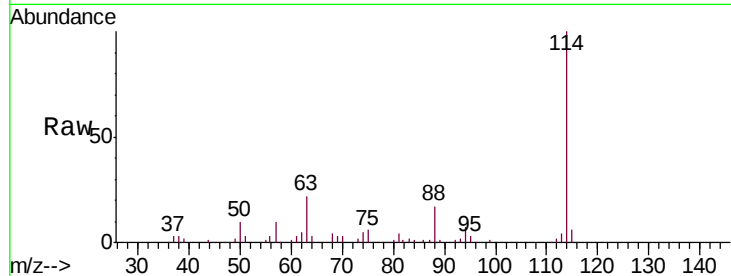
Ion Ratio Lower Upper

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: 3.215 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

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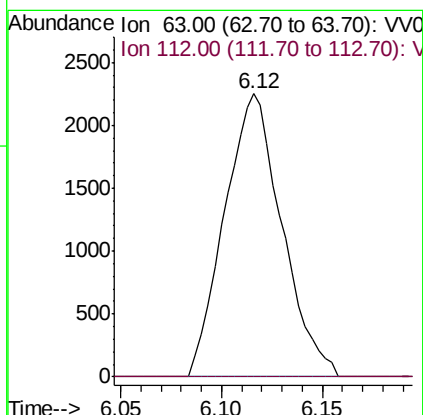
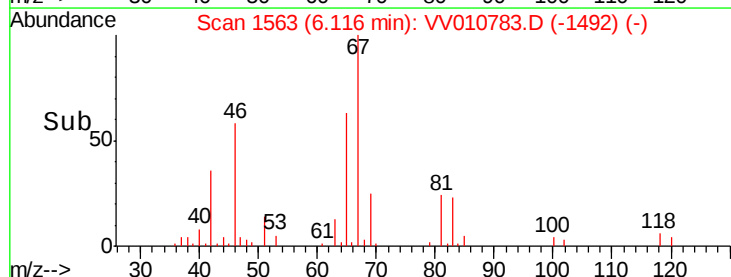
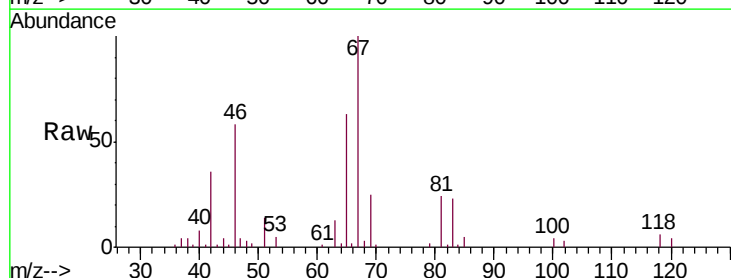
Acq: 09 May 2019 23:36

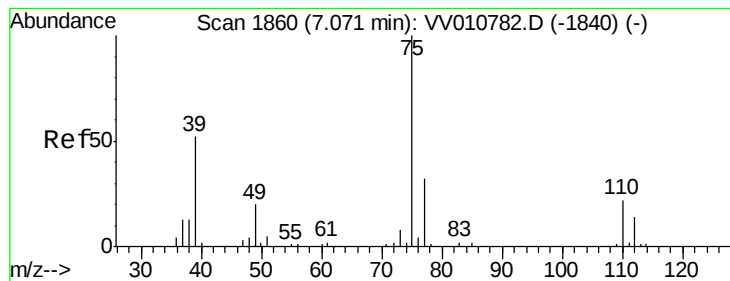
Tgt Ion: 63 Resp: 4462

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#42

cis-1,3-Dichloropropene

Concen: 0.549 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

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MSVOA_V

ClientSampleId :

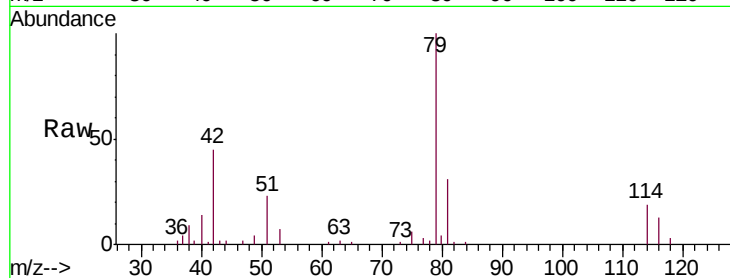
VBLK86

Tgt Ion: 75 Resp: 1205

Ion Ratio Lower Upper

75 100

77 45.8 22.3 41.3#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

7.03

600

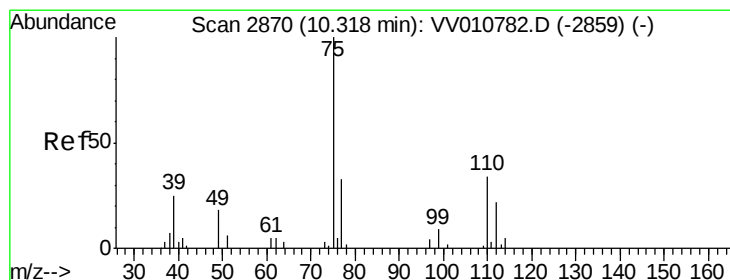
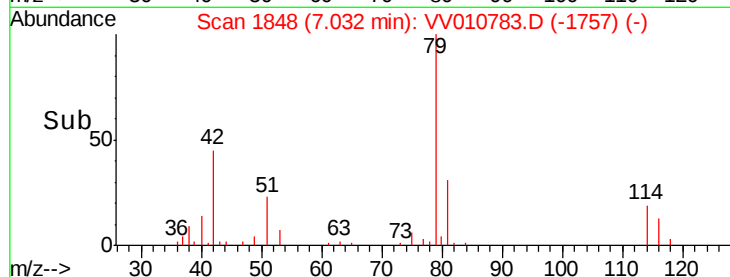
400

200

0

6.98 7.00 7.02 7.04 7.06

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.686 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010783.D

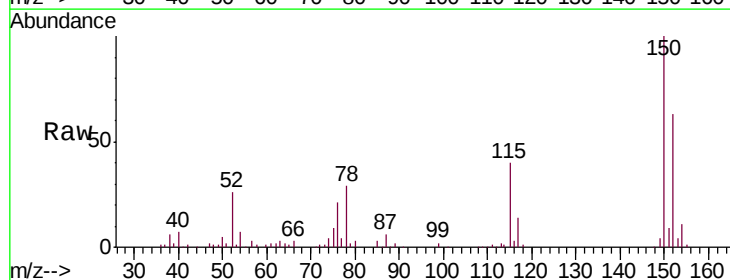
Acq: 09 May 2019 23:36

Tgt Ion: 75 Resp: 5463

Ion Ratio Lower Upper

75 100

77 37.5 25.0 37.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

11.30

3000

2000

1000

0

11.25 11.30 11.35

Time-->

