

Data File : VV009938.D
Acq On : 27 Mar 2019 20:52
Operator : SY/MD
Sample : VW0327SBL02
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK76

Quant Time: Mar 28 07:20:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:17:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	173111	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	170788	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	72530	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	68993	19.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.56%
7) Chloroethane-d5	1.57	69	78335	20.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.60%
10) 1,1-Dichloroethene-d2	2.13	63	157558	16.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.60%
20) 2-Butanone-d5	3.93	46	31221	47.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.38%
24) Chloroform-d	4.40	84	81557	18.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.96%
26) 1,2-Dichloroethane-d4	5.08	65	59582	22.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.80%
29) Benzene-d6	5.10	84	198800	22.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.68%
33) 1,2-Dichloropropane-d6	6.12	67	59232	22.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.28%
37) Toluene-d8	7.36	98	182849	21.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.16%
38) trans-1,3-Dichloropropene-	7.66	79	22341	20.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.24%
39) 2-Hexanone-d5	8.13	63	22545	46.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.06%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	56047	21.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.28%
61) 1,2-Dichlorobenzene-d4	11.67	152	62811	22.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.00%

Target Compounds

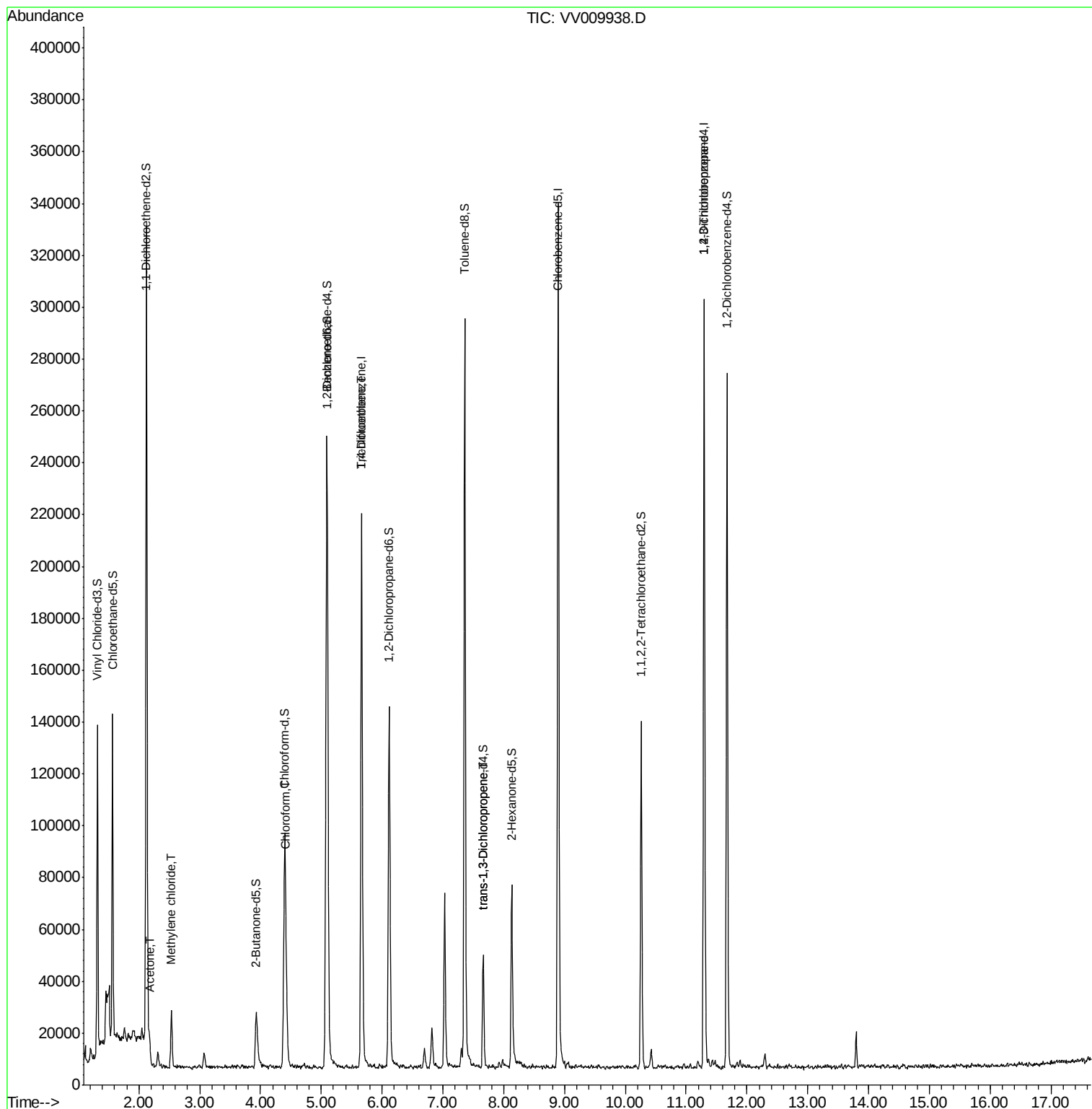
					Qvalue
13) Acetone	2.19	43	1857	1.874 ug/L	67
16) Methylene chloride	2.54	84	9218	3.234 ug/L	92
25) Chloroform	4.42	83	15584	3.398 ug/L	91
35) Trichloroethene	5.66	95	4696	1.898 ug/L #	5
45) trans-1,3-Dichloropropene	7.67	75	1400	0.501 ug/L #	78
59) 1,2,3-Trichloropropane	11.30	75	11416	6.054 ug/L	91

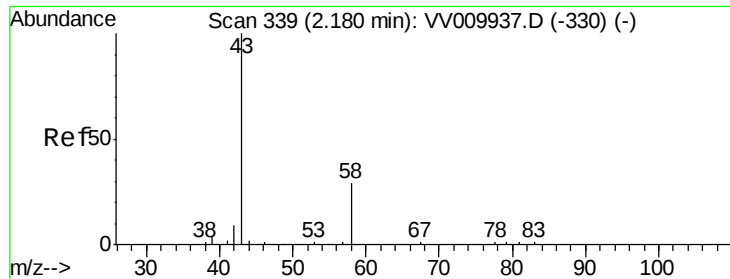
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.874 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.01 min

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Acq: 27 Mar 2019 20:52

Instrument :

MSVOA_V

ClientSampled :

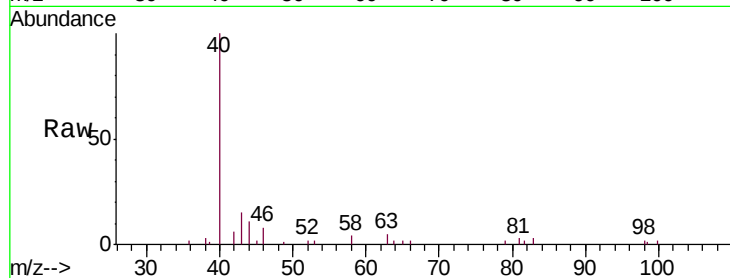
VBLK76

Tgt Ion: 43 Resp: 1857

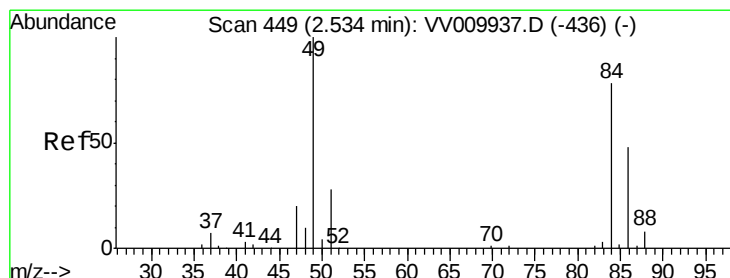
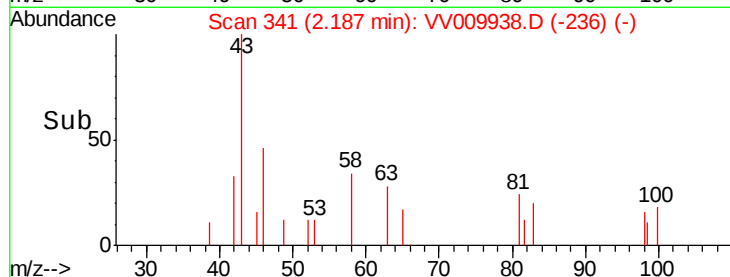
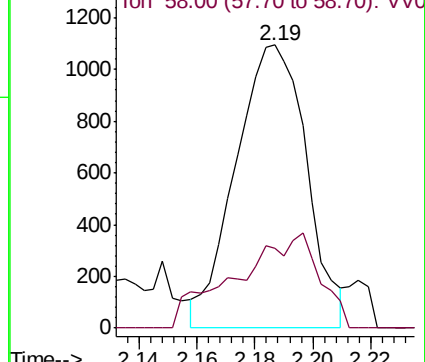
Ion Ratio Lower Upper

43 100

58 12.0 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV009937.D (-330) (-)



#16

Methylene chloride

Concen: 3.234 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009938.D

Acq: 27 Mar 2019 20:52

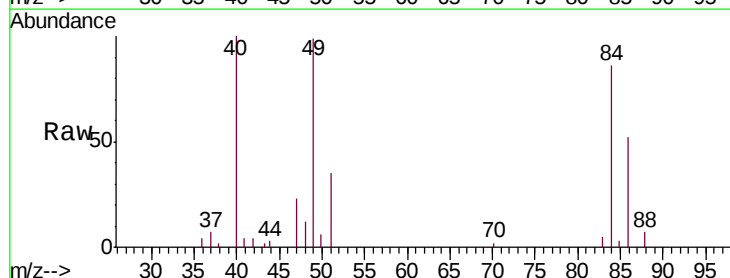
Tgt Ion: 84 Resp: 9218

Ion Ratio Lower Upper

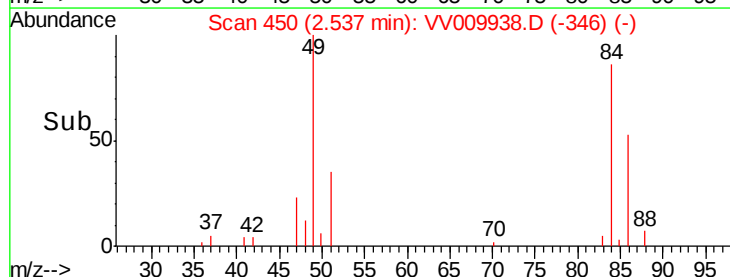
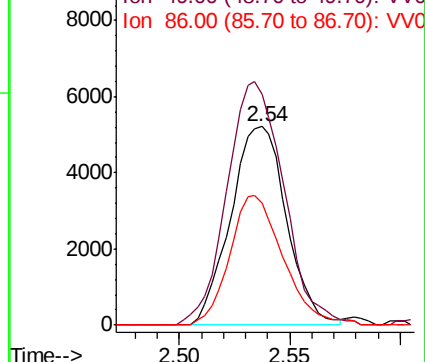
84 100

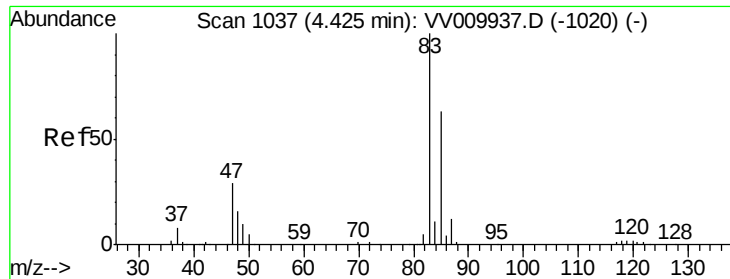
49 116.0 90.4 167.8

86 61.2 44.0 81.6



Abundance Ion 84.00 (83.70 to 84.70): VV009937.D (-436) (-)





#25

Chloroform

Concen: 3.398 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

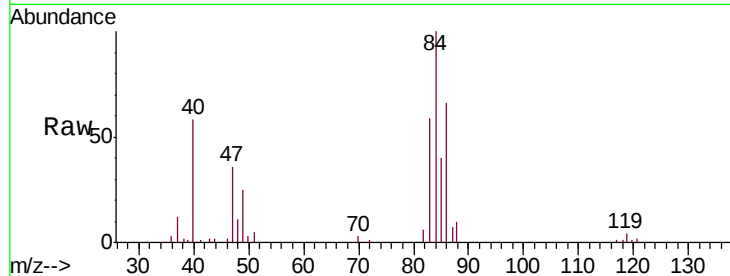
VBLK76

Tgt Ion: 83 Resp: 15584

Ion Ratio Lower Upper

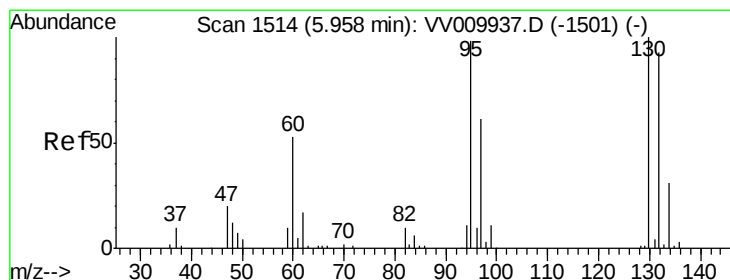
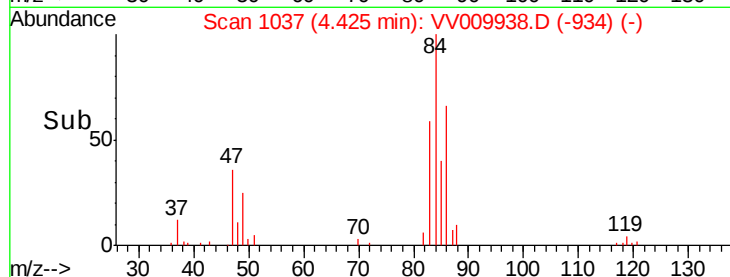
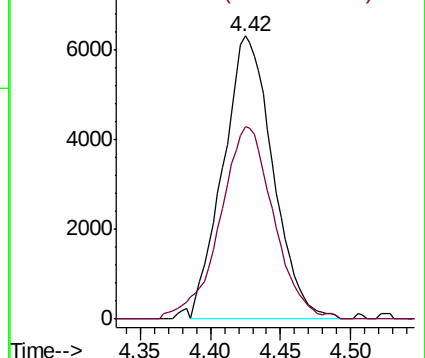
83 100

85 72.8 46.1 85.7



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



#35

Trichloroethene

Concen: 1.898 ug/L

RT: 5.66 min Scan# 1421

Delta R.T. -0.30 min

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Acq: 27 Mar 2019 20:52

Tgt Ion: 95 Resp: 4696

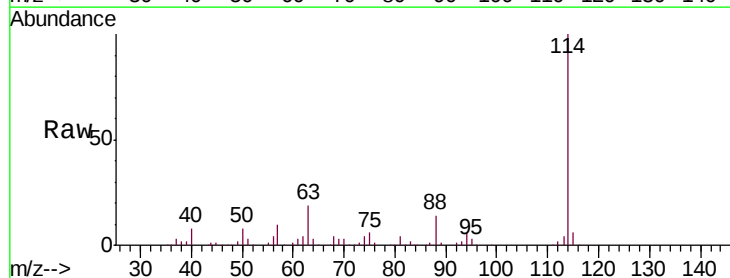
Ion Ratio Lower Upper

95 100

97 0.0 46.3 85.9#

132 0.0 69.3 128.7#

130 0.0 69.5 129.1#

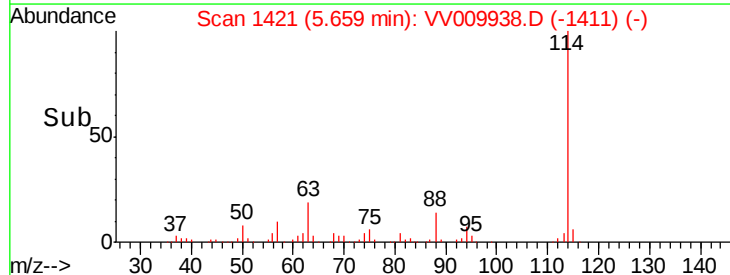
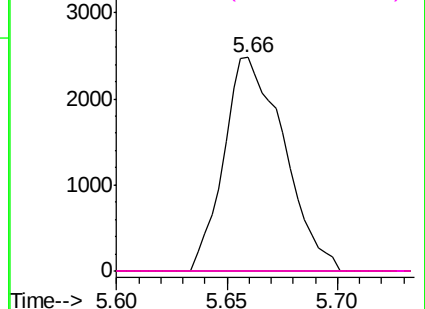


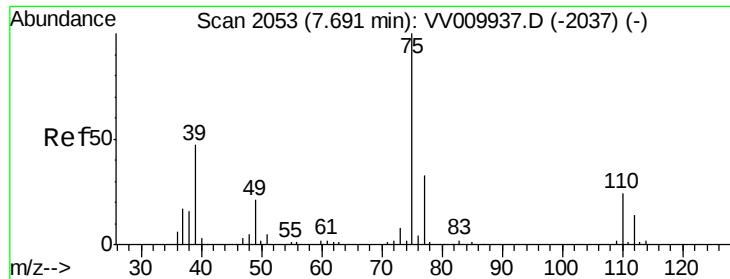
Abundance Ion 95.00 (94.70 to 95.70): VV0

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





#45

trans-1,3-Dichloropropene

Concen: 0.501 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV009938.D

Acq: 27 Mar 2019 20:52

Instrument :

MSVOA_V

ClientSampled :

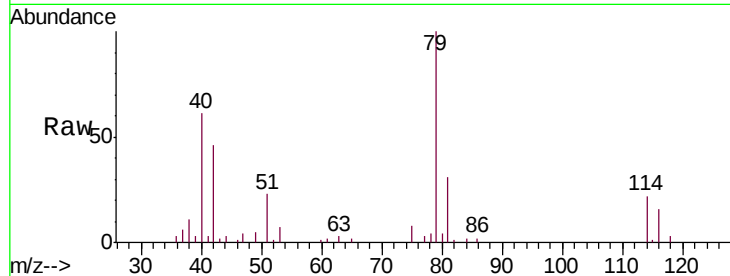
VBLK76

Tgt Ion: 75 Resp: 1400

Ion Ratio Lower Upper

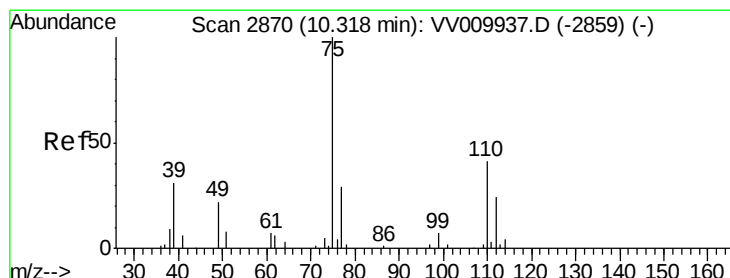
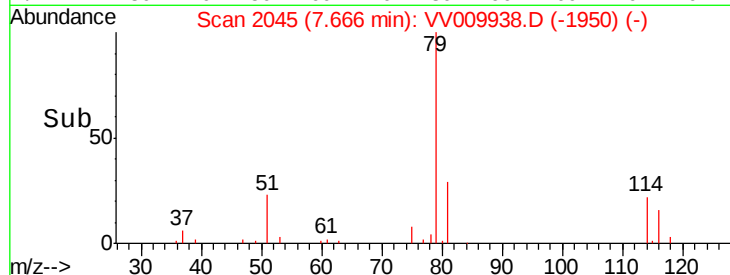
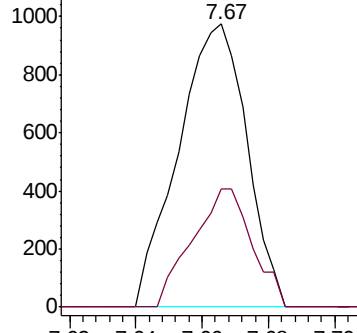
75 100

77 41.6 20.7 38.5#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#59

1,2,3-Trichloropropane

Concen: 6.054 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009938.D

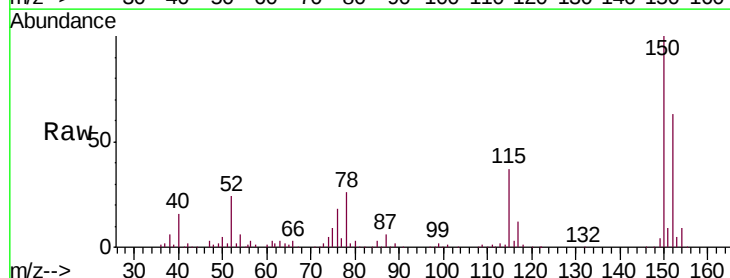
Acq: 27 Mar 2019 20:52

Tgt Ion: 75 Resp: 11416

Ion Ratio Lower Upper

75 100

77 37.7 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

