

Data File : VV009641.D
Acq On : 13 Mar 2019 17:52
Operator : SY/MD
Sample : K1818-07
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Mar 14 07:40:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 07:37:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	146929	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	142117	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59207	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47311	25.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.72%
7) Chloroethane-d5	1.57	69	45918	19.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.24%
10) 1,1-Dichloroethene-d2	2.13	63	97501	19.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.80%
20) 2-Butanone-d5	3.93	46	27184	55.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.48%
24) Chloroform-d	4.40	84	89941	24.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.04%
26) 1,2-Dichloroethane-d4	5.08	65	58469	27.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.36%
29) Benzene-d6	5.10	84	203126	27.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.00%
33) 1,2-Dichloropropane-d6	6.12	67	59362	27.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.00%
37) Toluene-d8	7.36	98	193634	26.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.36%
38) trans-1,3-Dichloropropene-	7.66	79	24220	24.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.80%
39) 2-Hexanone-d5	8.13	63	19850	49.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.98%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	52420	25.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.68%
61) 1,2-Dichlorobenzene-d4	11.68	152	57673	25.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.60%

Target Compounds

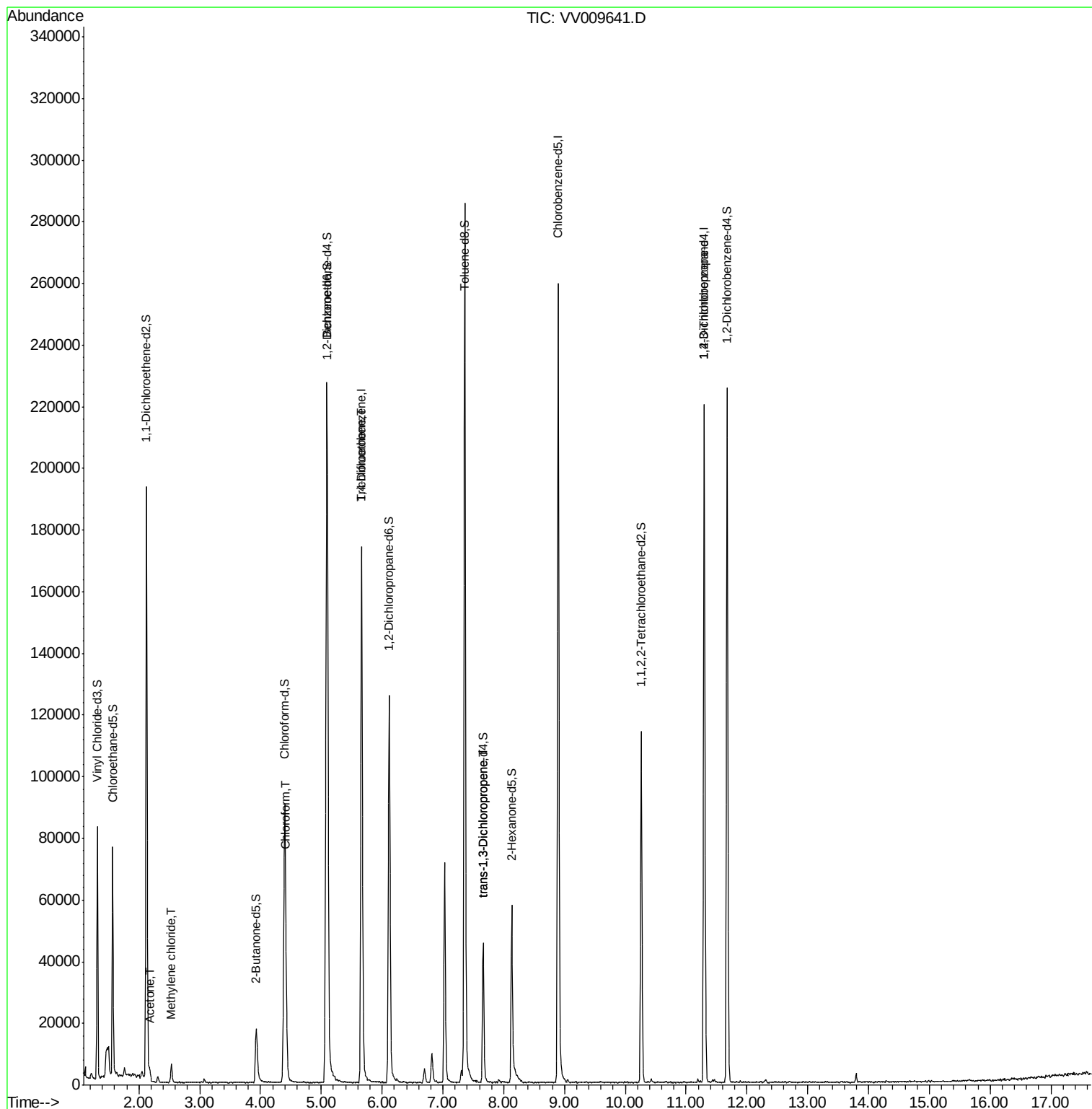
					Qvalue
13) Acetone	2.18	43	829	1.397 ug/L	64
16) Methylene chloride	2.54	84	2545	1.190 ug/L	91
25) Chloroform	4.42	83	8075	2.115 ug/L	97
35) Trichloroethene	5.66	95	4794	2.143 ug/L #	6
45) trans-1,3-Dichloropropene	7.66	75	1355	0.528 ug/L	88
59) 1,2,3-Trichloropropane	11.30	75	8533	5.605 ug/L	94

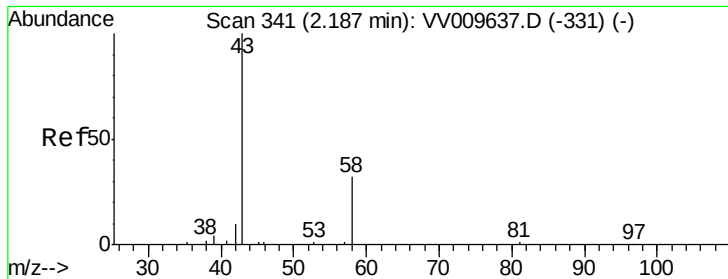
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.397 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.01 min

Lab File: VV009641.D

Acq: 13 Mar 2019 17:52

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MSVOA_V

ClientSampleId :

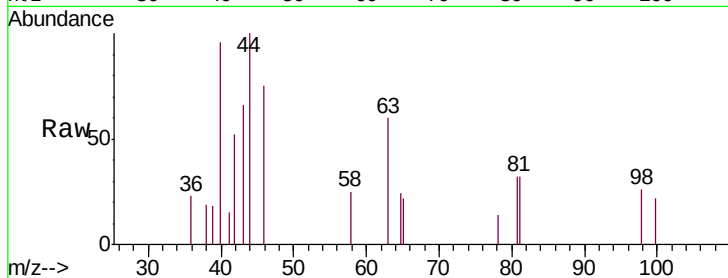
VHBLK01

Tgt Ion: 43 Resp: 829

Ion Ratio Lower Upper

43 100

58 12.2 0.0 64.8

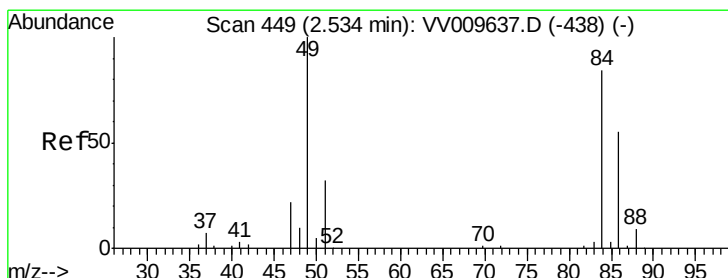
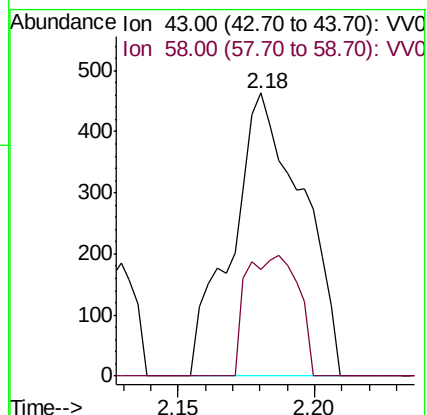
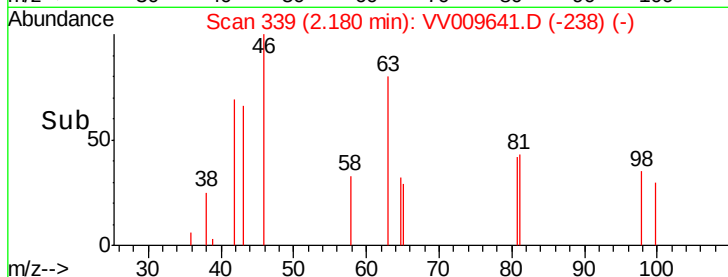


Abundance Ion 43.00 (42.70 to 43.70): VV009637.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV009637.D (-331) (-)

2.18

Time-->



#16

Methylene chloride

Concen: 1.190 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009641.D

Acq: 13 Mar 2019 17:52

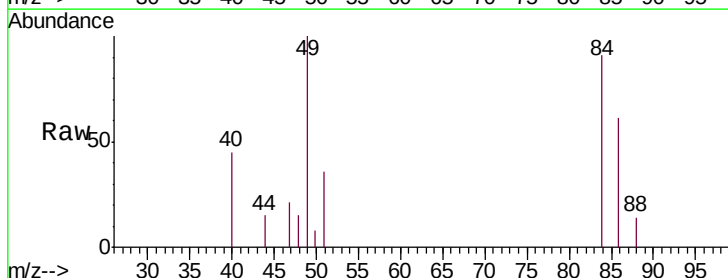
Tgt Ion: 84 Resp: 2545

Ion Ratio Lower Upper

84 100

49 110.3 86.1 159.9

86 67.4 45.2 84.0



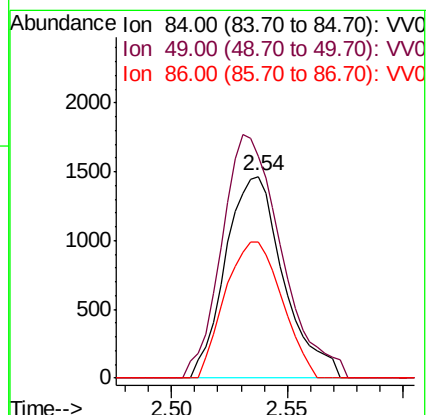
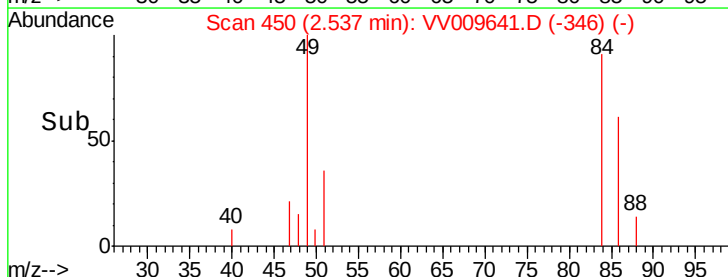
Abundance Ion 84.00 (83.70 to 84.70): VV009637.D (-438) (-)

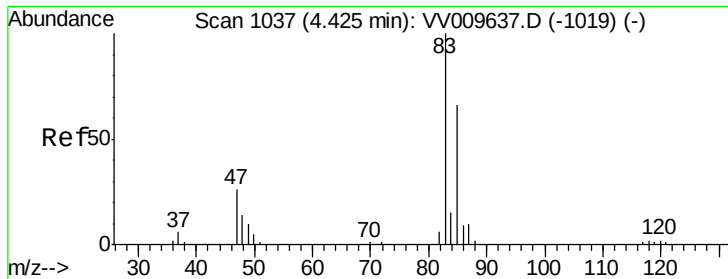
Ion 49.00 (48.70 to 49.70): VV009637.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV009637.D (-438) (-)

2.54

Time-->

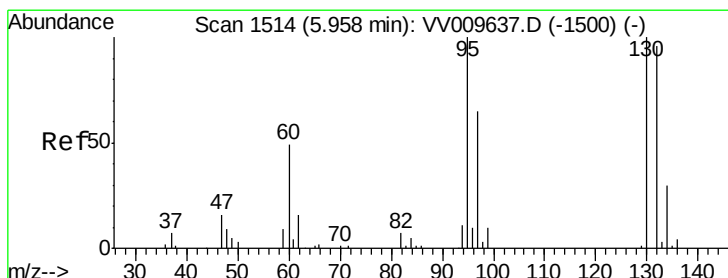
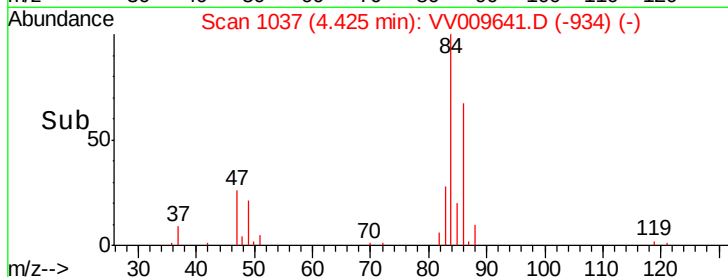
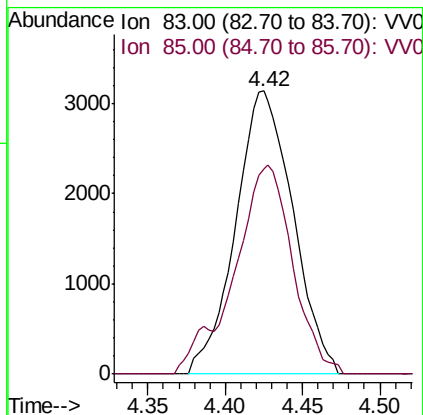
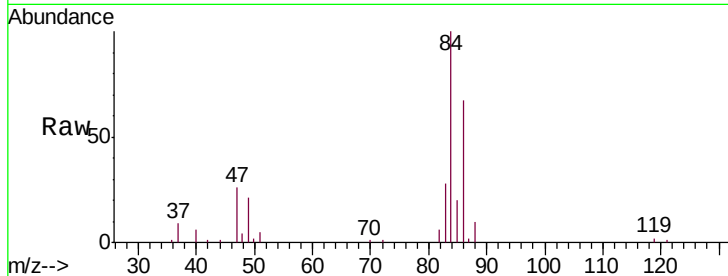




#25
Chloroform
Concen: 2.115 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV009641.D
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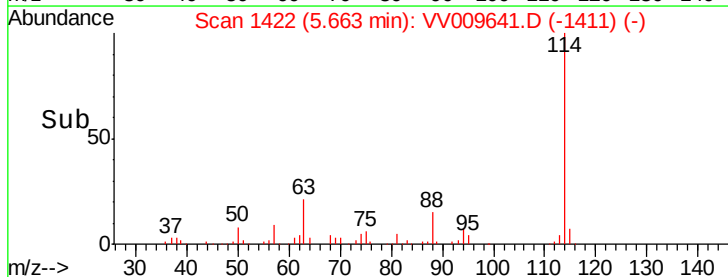
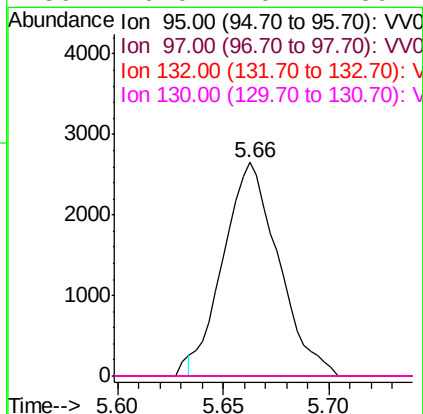
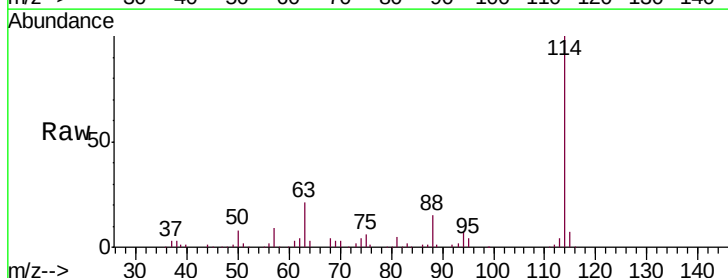
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VHBLK01

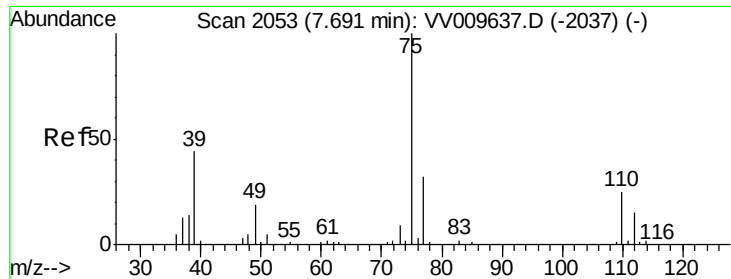
Tgt Ion: 83 Resp: 8075
Ion Ratio Lower Upper
83 100
85 68.7 46.4 86.2



#35
Trichloroethene
Concen: 2.143 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.30 min
Lab File: VV009641.D
Acq: 13 Mar 2019 17:52

Tgt Ion: 95 Resp: 4794
Ion Ratio Lower Upper
95 100
97 0.0 44.9 83.5#
132 1.6 66.4 123.2#
130 0.0 70.2 130.4#





#45

trans-1,3-Dichloropropene

Concen: 0.528 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV009641.D

Acq: 13 Mar 2019 17:52

Instrument :

MSVOA_V

ClientSampleId :

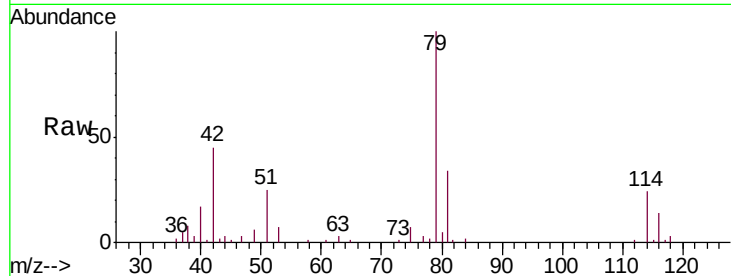
VHBLK01

Tgt Ion: 75 Resp: 1355

Ion Ratio Lower Upper

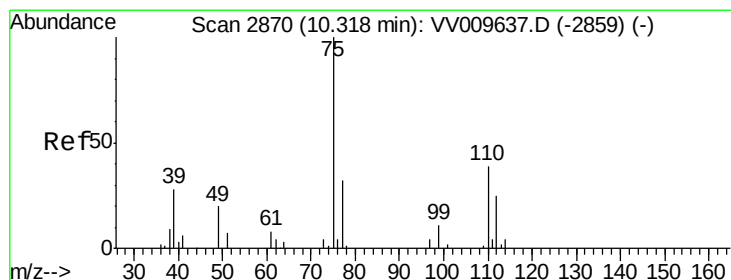
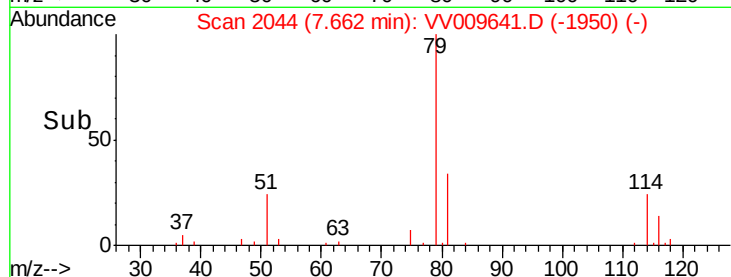
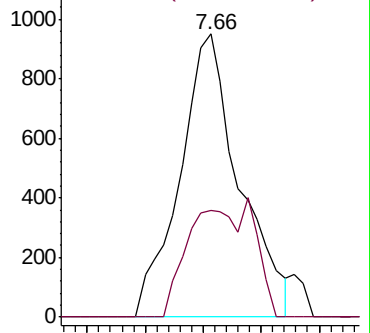
75 100

77 37.9 22.0 40.8



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: 5.605 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009641.D

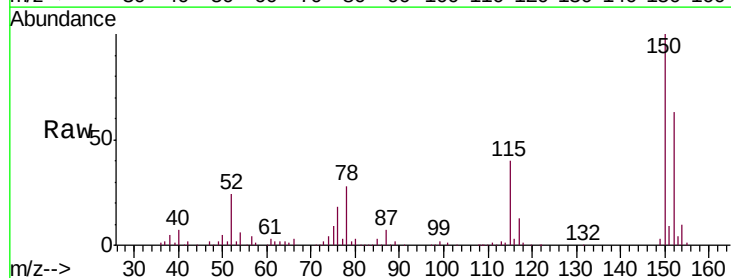
Acq: 13 Mar 2019 17:52

Tgt Ion: 75 Resp: 8533

Ion Ratio Lower Upper

75 100

77 35.0 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

