

Data File : VV010001.D
Acq On : 29 Mar 2019 15:09
Operator : SY/MD
Sample : K2068-23
Misc : 6.10G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5K4

Quant Time: Mar 30 04:16:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 04:13:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	153943	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	139092	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48584	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	69614	22.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.12%
7) Chloroethane-d5	1.56	69	78214	23.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.72%
10) 1,1-Dichloroethene-d2	2.12	63	158639	18.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.24%
20) 2-Butanone-d5	3.93	46	27240	46.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.58%
24) Chloroform-d	4.40	84	100613	25.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.08	65	59276	25.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.44%
29) Benzene-d6	5.10	84	197241	27.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.00%
33) 1,2-Dichloropropane-d6	6.12	67	59852	28.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.04%
37) Toluene-d8	7.36	98	165600	23.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.80%
38) trans-1,3-Dichloropropene-	7.66	79	17660	20.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.80%
39) 2-Hexanone-d5	8.13	63	19936	49.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.96%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50227	23.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	45927	24.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.32%

Target Compounds

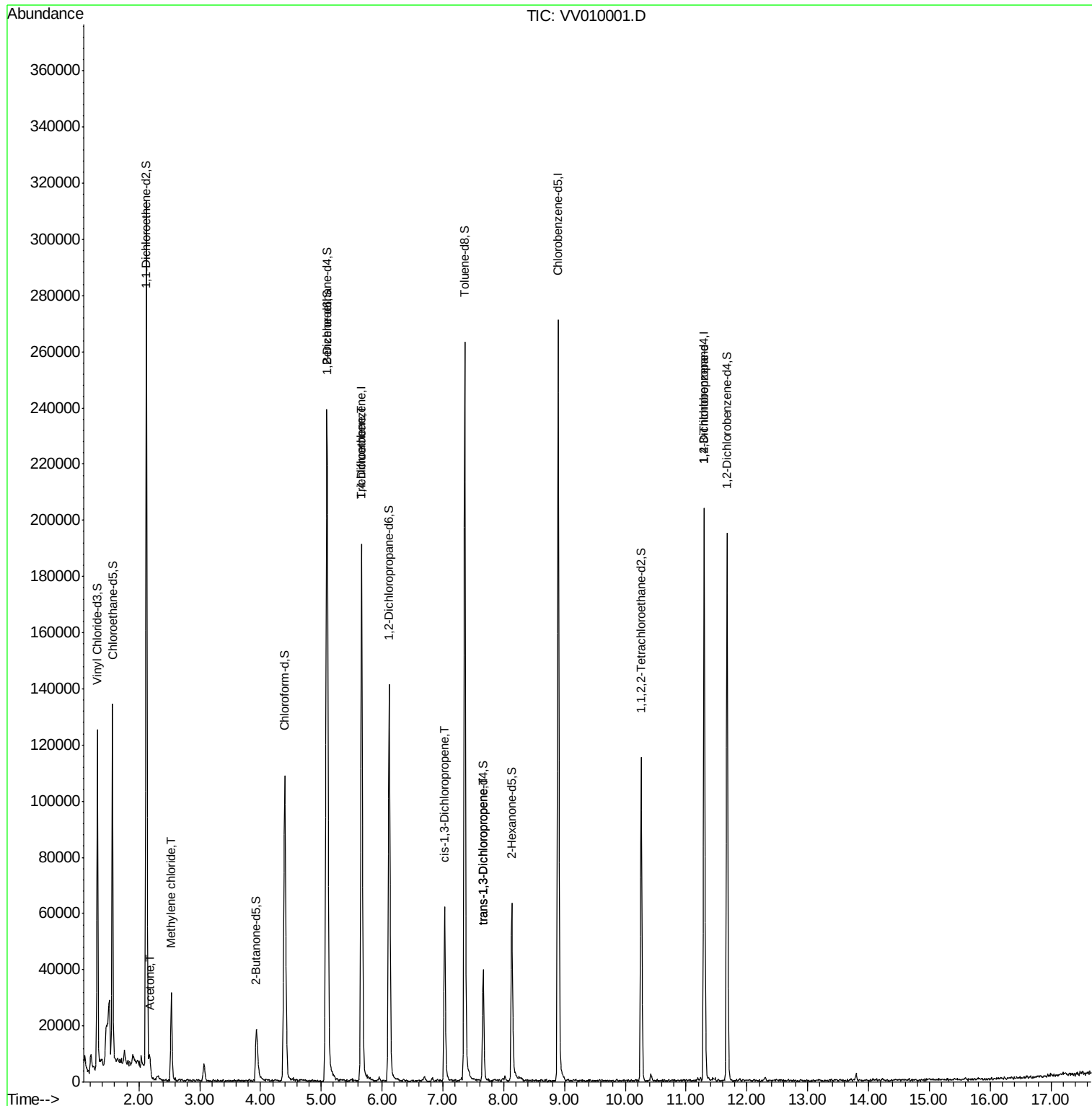
					Qvalue
13) Acetone	2.19	43	3471	3.938 ug/L	96
16) Methylene chloride	2.53	84	12040	4.749 ug/L	91
35) Trichloroethene	5.66	95	4451	2.209 ug/L #	5
42) cis-1,3-Dichloropropene	7.03	75	1904	0.684 ug/L #	72
45) trans-1,3-Dichloropropene	7.66	75	1295	0.569 ug/L	92
59) 1,2,3-Trichloropropane	11.30	75	7866	5.122 ug/L	89

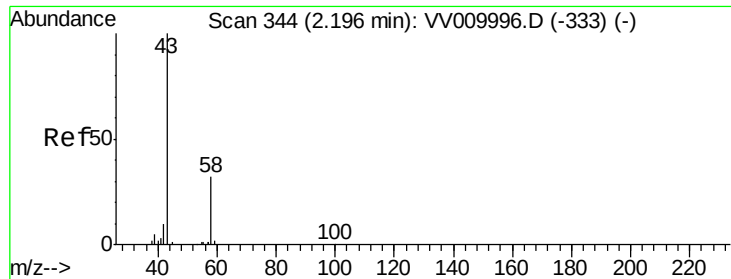
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.938 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.01 min

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MSVOA_V

ClientSampleId :

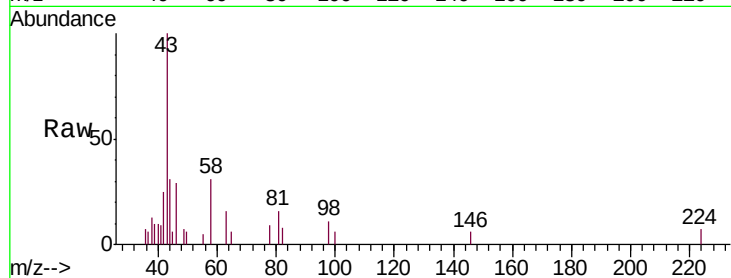
BF5K4

Tgt Ion: 43 Resp: 3471

Ion Ratio Lower Upper

43 100

58 27.4 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2000

1500

1000

500

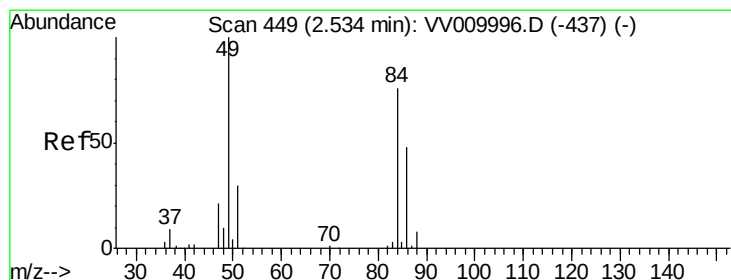
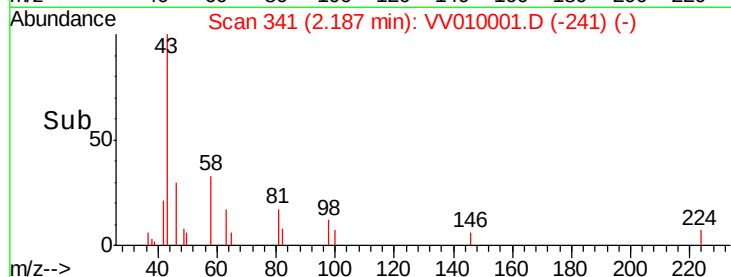
0

2.15

2.20

2.25

Time-->



#16

Methylene chloride

Concen: 4.749 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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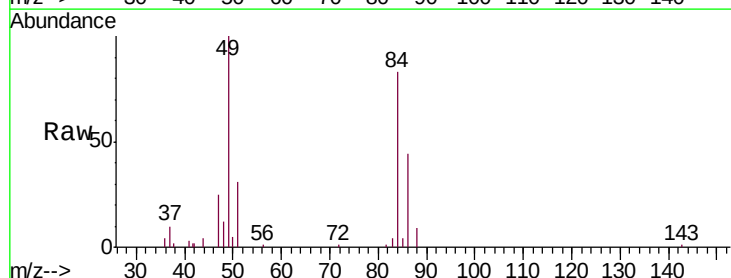
Tgt Ion: 84 Resp: 12040

Ion Ratio Lower Upper

84 100

49 120.5 90.4 167.8

86 52.5 44.0 81.6



Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

12000

10000

8000

6000

4000

2000

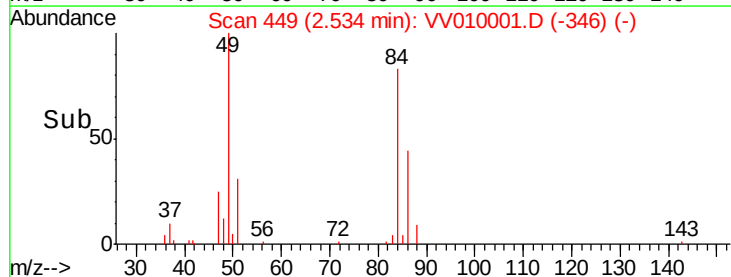
0

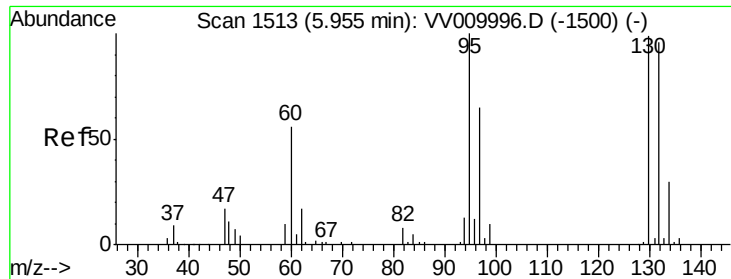
2.50

2.55

2.60

Time-->

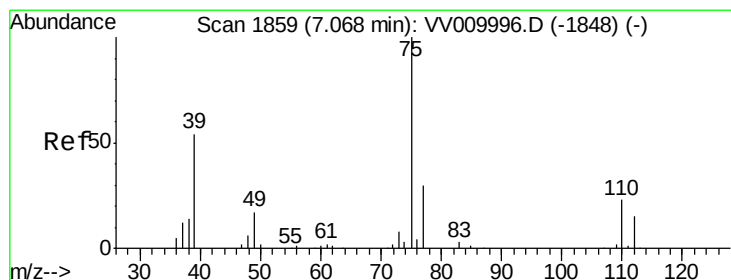
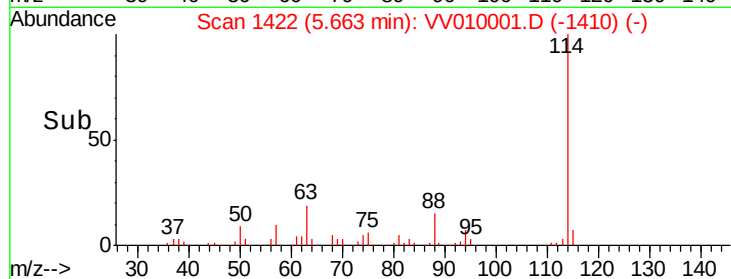
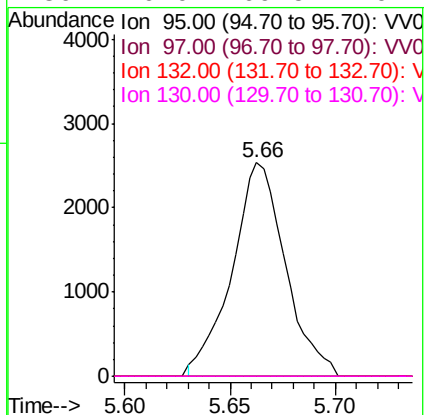
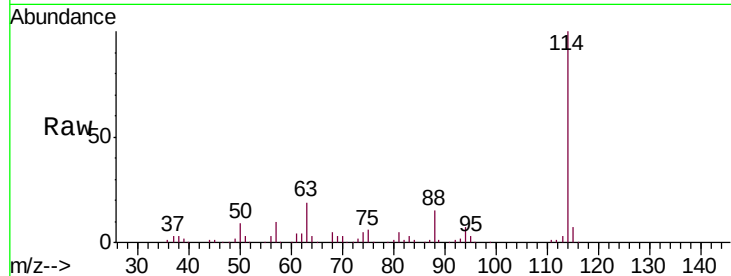




#35
 Trichloroethene
 Concen: 2.209 ug/L
 RT: 5.66 min Scan# 1422
 Delta R.T. -0.29 min
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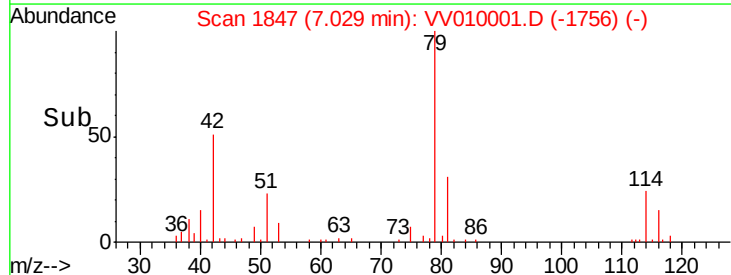
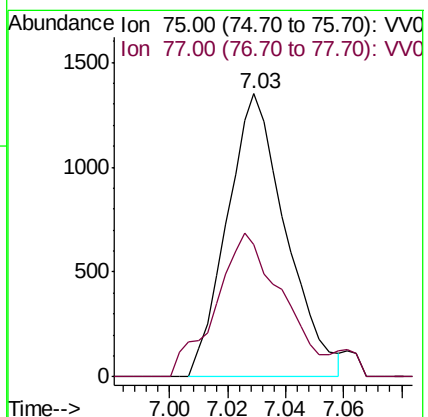
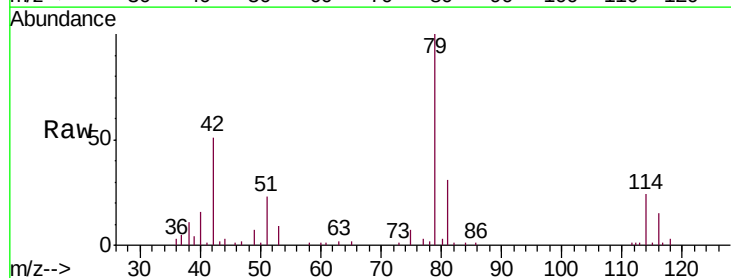
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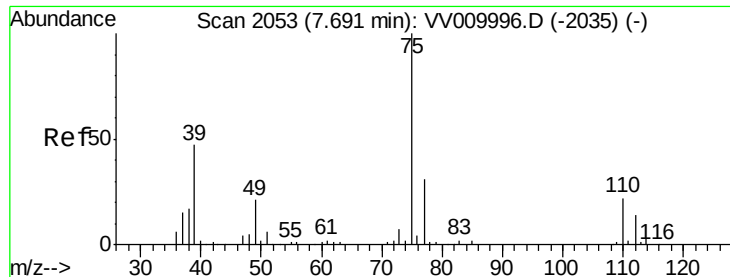
Tgt Ion: 95 Resp: 4451
 Ion Ratio Lower Upper
 95 100
 97 0.0 46.3 85.9#
 132 0.0 69.3 128.7#
 130 0.0 69.5 129.1#



#42
 cis-1,3-Dichloropropene
 Concen: 0.684 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV010001.D
 Acq: 29 Mar 2019 15:09

Tgt Ion: 75 Resp: 1904
 Ion Ratio Lower Upper
 75 100
 77 46.9 21.8 40.6#





#45

trans-1,3-Dichloropropene

Concen: 0.569 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV010001.D

Acq: 29 Mar 2019 15:09

Instrument :

MSVOA_V

ClientSampleId :

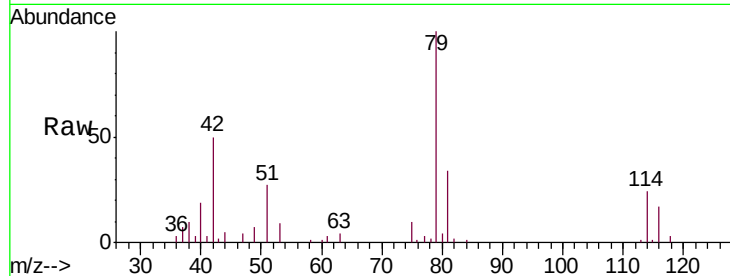
BF5K4

Tgt Ion: 75 Resp: 1295

Ion Ratio Lower Upper

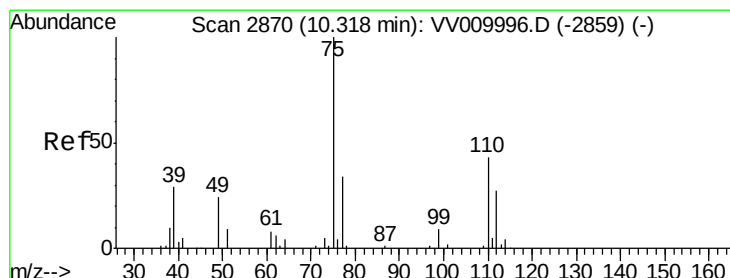
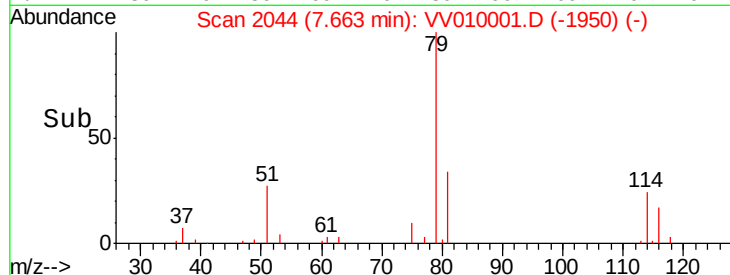
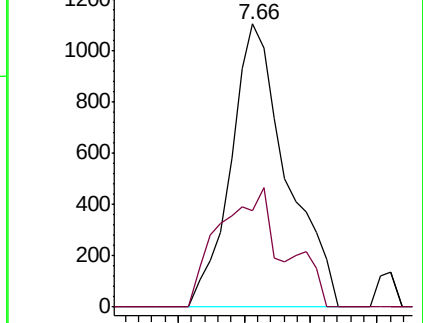
75 100

77 33.9 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: 5.122 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010001.D

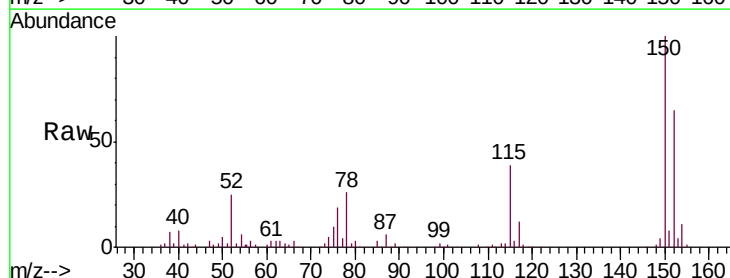
Acq: 29 Mar 2019 15:09

Tgt Ion: 75 Resp: 7866

Ion Ratio Lower Upper

75 100

77 38.8 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

