

Data File : VV009923.D
Acq On : 27 Mar 2019 13:07
Operator : SY/MD
Sample : K2085-01
Misc : 4.87G/10mL/MSVOA_V/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF7W5

Quant Time: Mar 28 05:15:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 05:12:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	149341	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	154581	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62175	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	63492	20.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.80%
7) Chloroethane-d5	1.57	69	79570	24.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.24%
10) 1,1-Dichloroethene-d2	2.13	63	140670	16.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.88%
20) 2-Butanone-d5	3.93	46	27824	49.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.54%
24) Chloroform-d	4.40	84	99026	26.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.12%
26) 1,2-Dichloroethane-d4	5.08	65	62351	27.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.92%
29) Benzene-d6	5.10	84	211117	26.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.04%
33) 1,2-Dichloropropane-d6	6.12	67	65912	27.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.00%
37) Toluene-d8	7.36	98	188353	24.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.04%
38) trans-1,3-Dichloropropene-	7.66	79	20496	21.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.40%
39) 2-Hexanone-d5	8.13	63	20219	45.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.22%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	52186	22.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.76%
61) 1,2-Dichlorobenzene-d4	11.67	152	64961	27.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.76%

Target Compounds

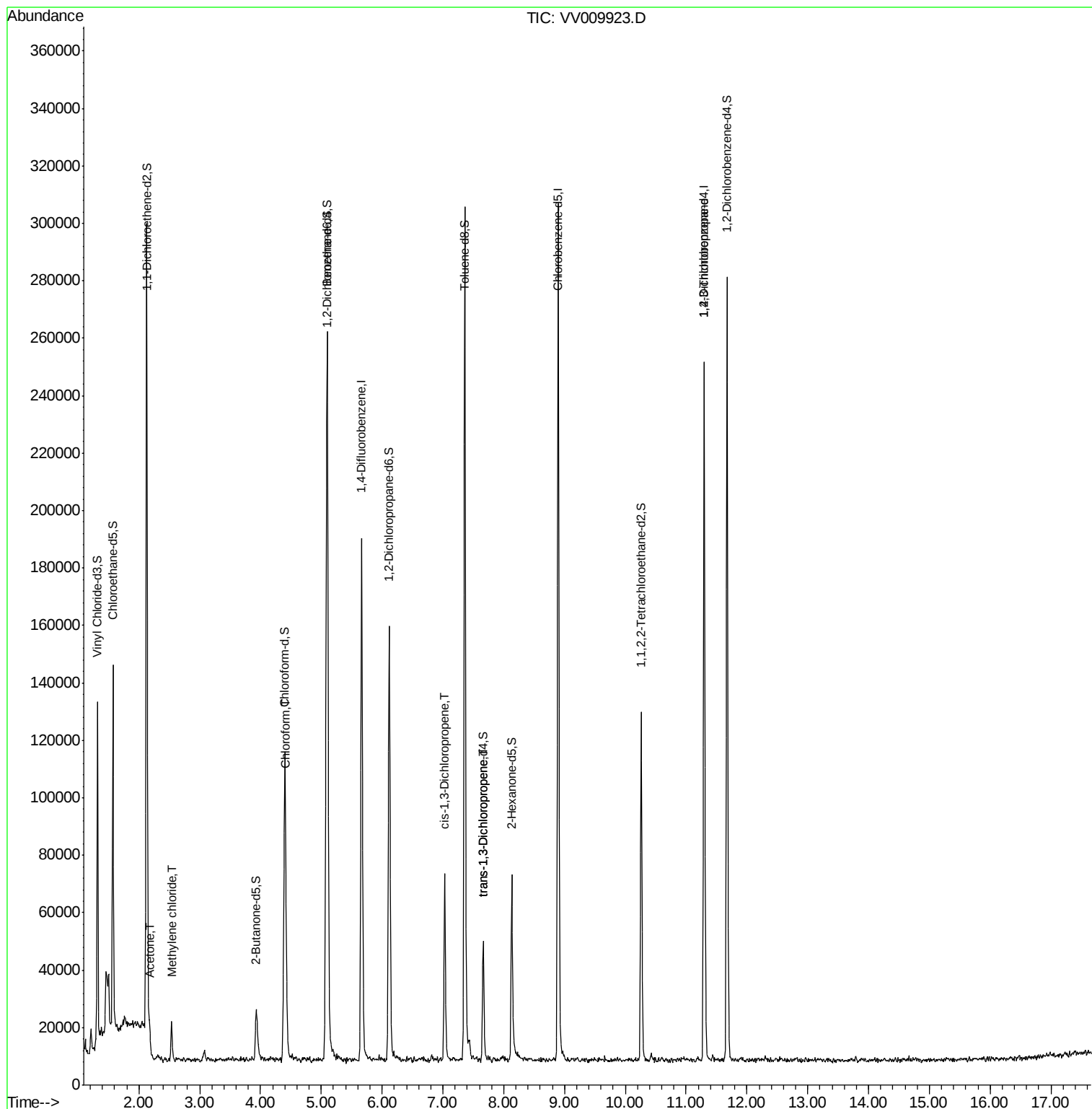
					Qvalue
13) Acetone	2.19	43	2372	2.774 ug/L	96
16) Methylene chloride	2.54	84	5107	2.077 ug/L	91
25) Chloroform	4.42	83	4269	1.079 ug/L #	34
42) cis-1,3-Dichloropropene	7.03	75	1982	0.641 ug/L #	56
45) trans-1,3-Dichloropropene	7.67	75	1443	0.570 ug/L #	68
59) 1,2,3-Trichloropropane	11.30	75	10222	5.990 ug/L	96

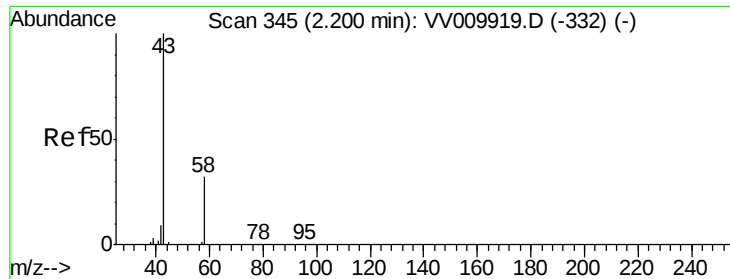
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.774 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.01 min

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Acq: 27 Mar 2019 13:07

Instrument :

MSVOA_V

ClientSampleId :

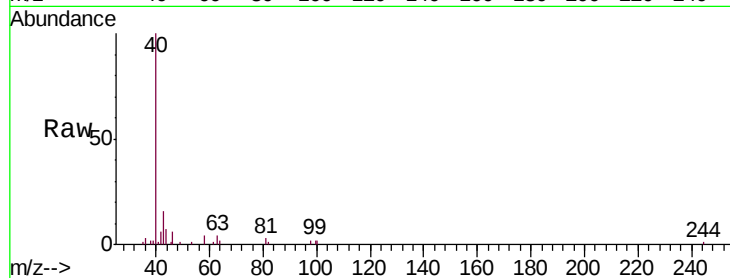
BF7W5

Tgt Ion: 43 Resp: 2372

Ion Ratio Lower Upper

43 100

58 27.6 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV009919.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV009919.D (-332) (-)

2.19

1500

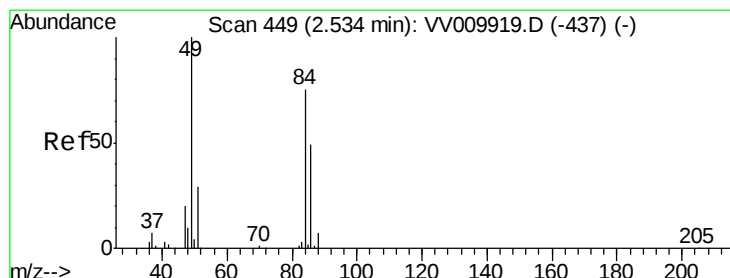
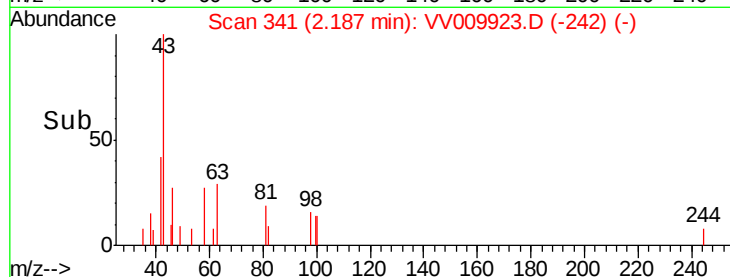
1000

500

0

2.15 2.20

Time-->



#16

Methylene chloride

Concen: 2.077 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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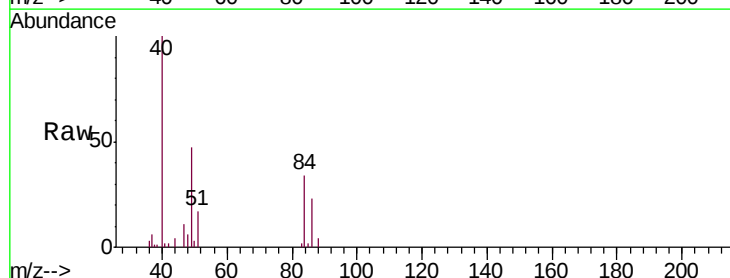
Tgt Ion: 84 Resp: 5107

Ion Ratio Lower Upper

84 100

49 139.6 90.4 167.8

86 68.6 44.0 81.6



Abundance Ion 84.00 (83.70 to 84.70): VV009919.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV009919.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV009919.D (-437) (-)

2.54

5000

4000

3000

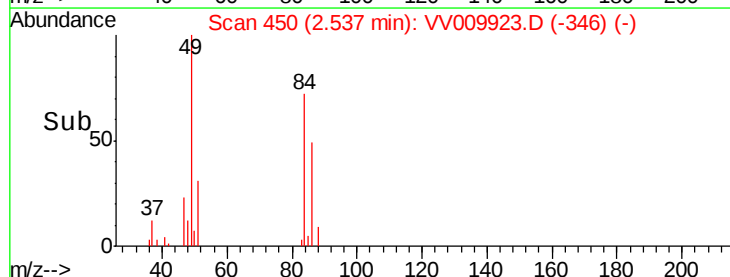
2000

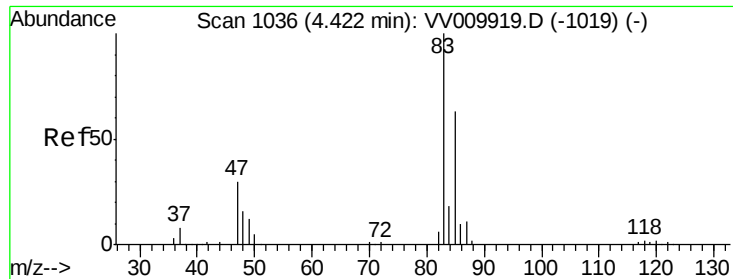
1000

0

2.50 2.55 2.60

Time-->

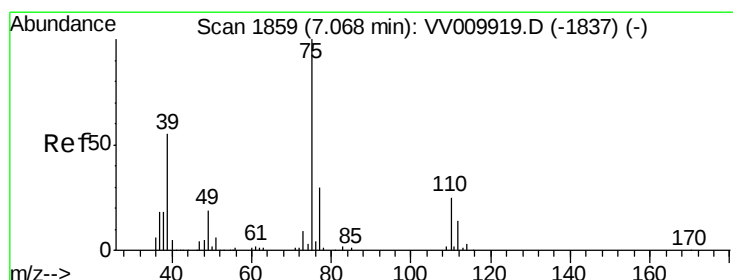
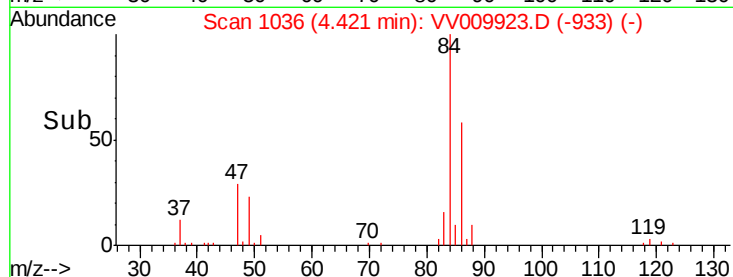
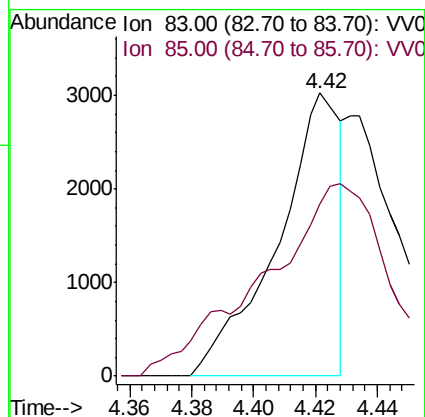
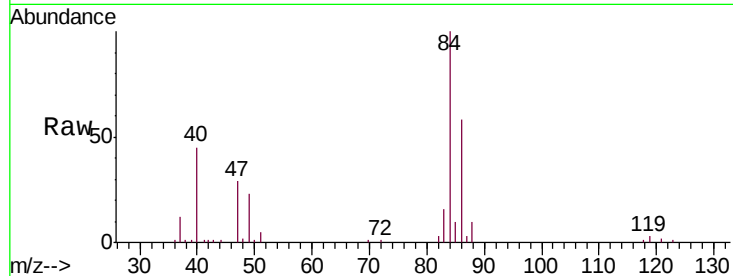




#25
Chloroform
Concen: 1.079 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV009923.D
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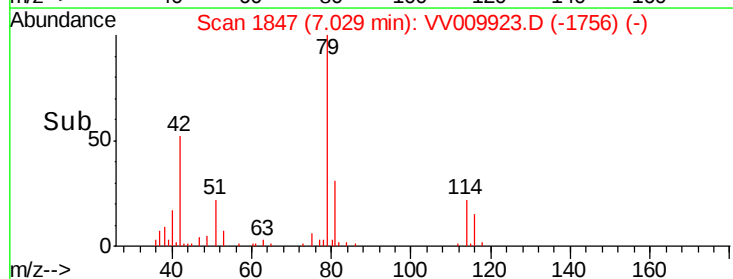
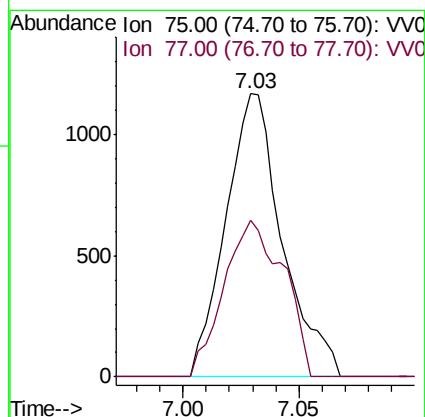
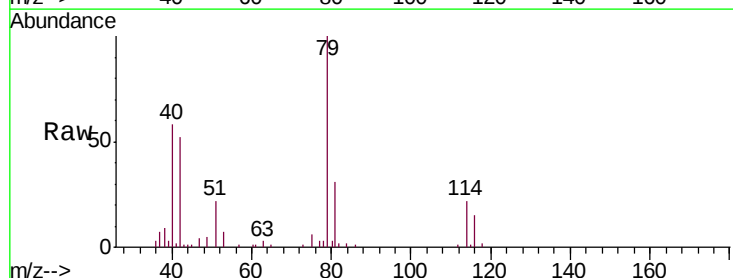
Instrument :
MSVOA_V
ClientSampleId :
BF7W5

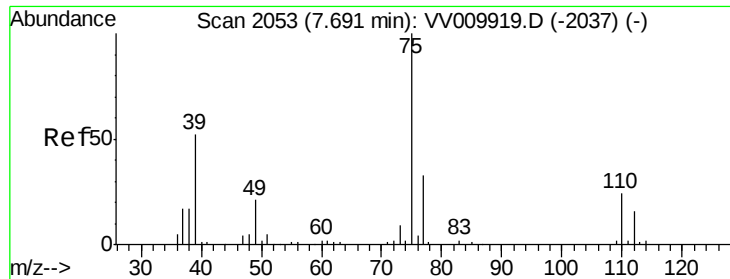
Tgt Ion: 83 Resp: 4269
Ion Ratio Lower Upper
83 100
85 118.3 46.1 85.7#



#42
cis-1,3-Dichloropropene
Concen: 0.641 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009923.D
Acq: 27 Mar 2019 13:07

Tgt Ion: 75 Resp: 1982
Ion Ratio Lower Upper
75 100
77 55.6 21.8 40.6#





#45

trans-1,3-Dichloropropene

Concen: 0.570 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV009923.D

Acq: 27 Mar 2019 13:07

Instrument :

MSVOA_V

ClientSampleId :

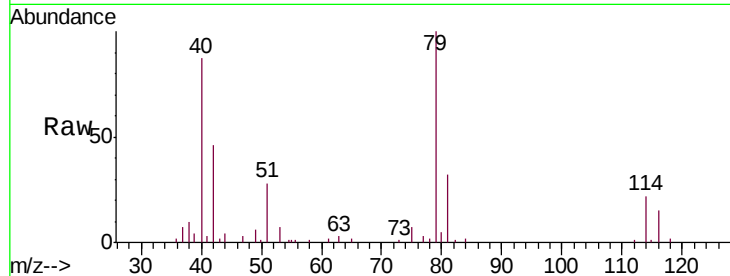
BF7W5

Tgt Ion: 75 Resp: 1443

Ion Ratio Lower Upper

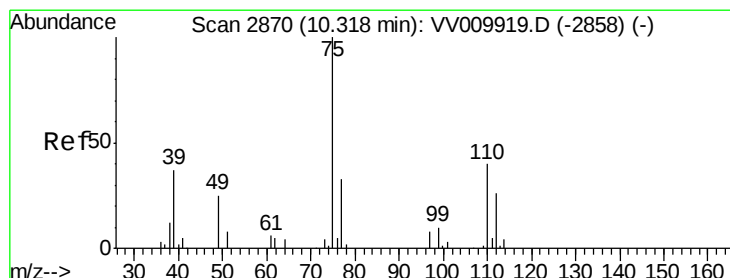
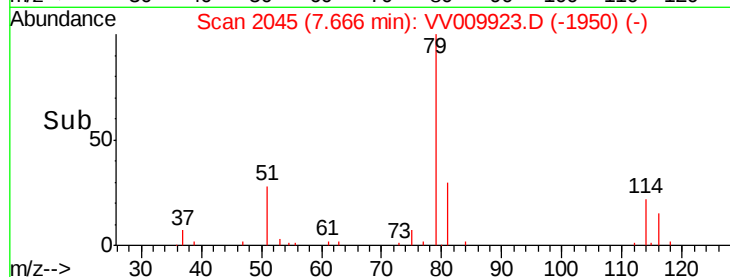
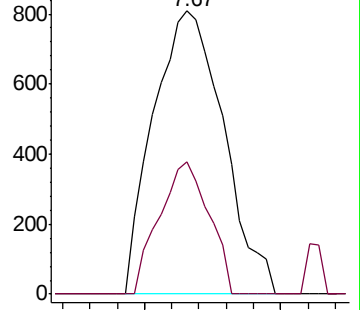
75 100

77 46.7 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: 5.990 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009923.D

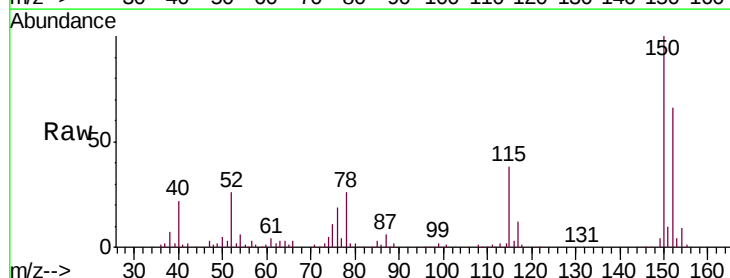
Acq: 27 Mar 2019 13:07

Tgt Ion: 75 Resp: 10222

Ion Ratio Lower Upper

75 100

77 35.1 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

