

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092818\
 Data File : VV007950.D
 Acq On : 28 Sep 2018 13:33
 Operator : SY/MD
 Sample : J5063-16
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAC37

Quant Time: Oct 01 01:53:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 01 01:51:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	91897	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	87718	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43874	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18831	3.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.40%
7) Chloroethane-d5	1.59	69	18519	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.14	63	32847	2.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.00%#
20) 2-Butanone-d5	3.96	46	64653	43.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.26%
24) Chloroform-d	4.41	84	48016	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	5.09	65	26232	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
32) Benzene-d6	5.10	84	92189	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.12	67	29769	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.36	98	85978	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	7.67	79	9829	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	8.14	63	47983	42.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.06%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22910	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	36836	4.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.80%

Target Compounds

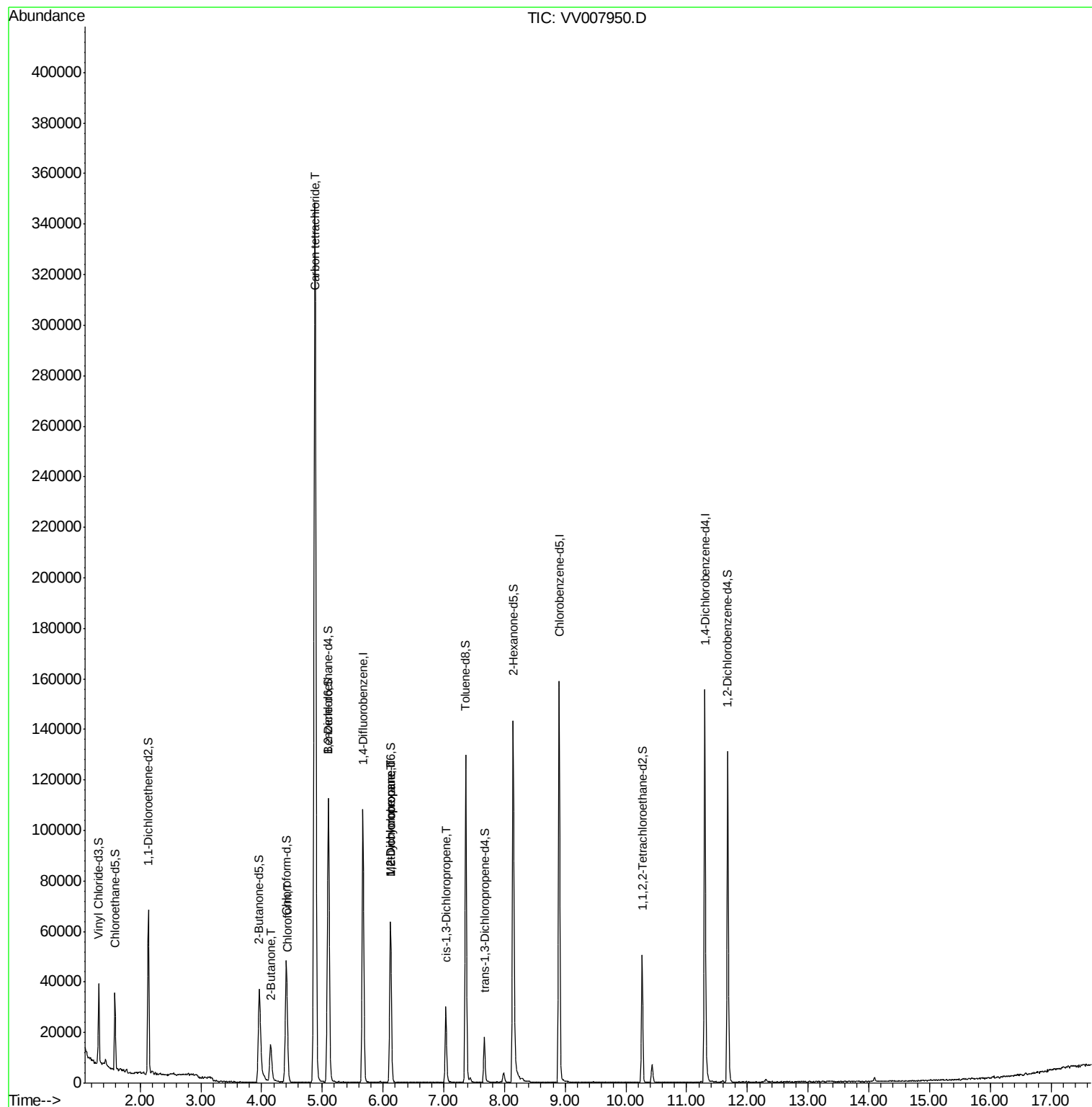
					Ovalue
21) 2-Butanone	4.15	43	24316	14.137 ug/L #	50
25) Chloroform	4.43	83	2100	0.170 ug/L	93
31) Carbon tetrachloride	4.88	117	255334	27.459 ug/L	99
35) Methylcyclohexane	6.13	83	7219	0.669 ug/L #	18
37) 1,2-Dichloropropane	6.13	63	3544	0.552 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	758	0.088 ug/L	84

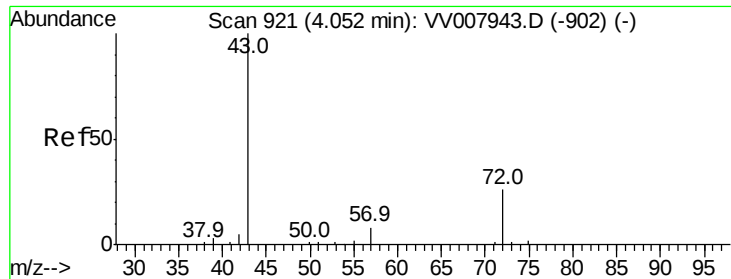
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 14.137 ug/L

RT: 4.15 min Scan# 951

Delta R.T. 0.10 min

Lab File: VV007950.D

Acq: 28 Sep 2018 13:33

Instrument :

MSVOA_V

ClientSampleId :

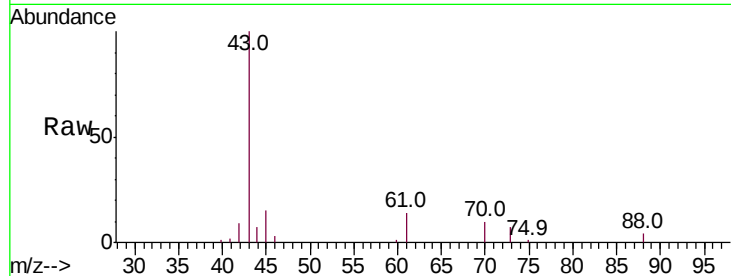
GAC37

Tot Ion: 43 Resp: 24316

Ion Ratio Lower Upper

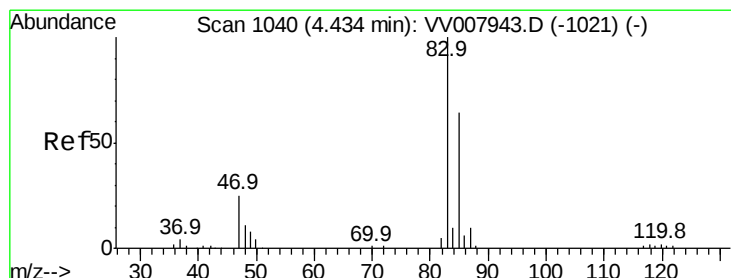
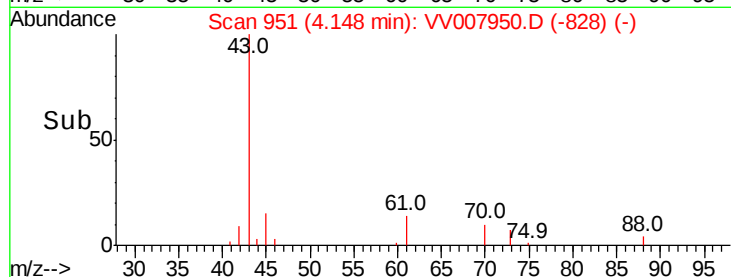
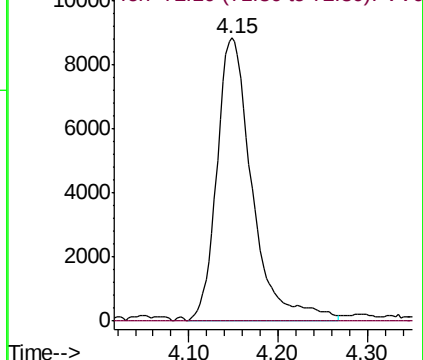
43 100

72 0.0 12.5 37.5#



Abundance Ion 43.05 (42.75 to 43.75): VV007943.D (-902) (-)

Ion 72.10 (71.80 to 72.80): VV007943.D (-902) (-)



#25

Chloroform

Concen: 0.170 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VV007950.D

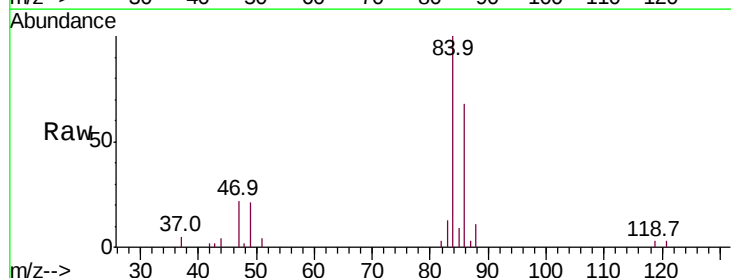
Acq: 28 Sep 2018 13:33

Tgt Ion: 83 Resp: 2100

Ion Ratio Lower Upper

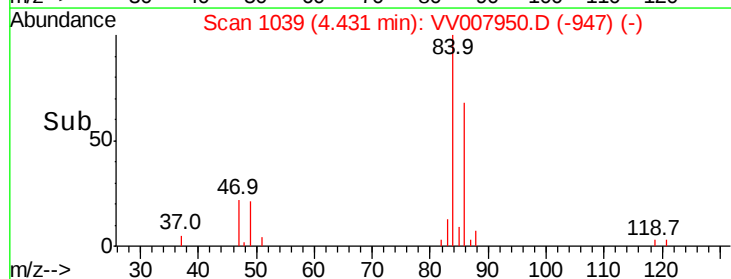
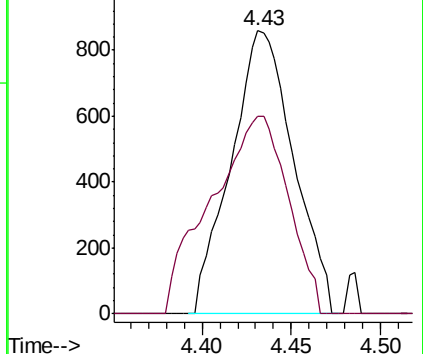
83 100

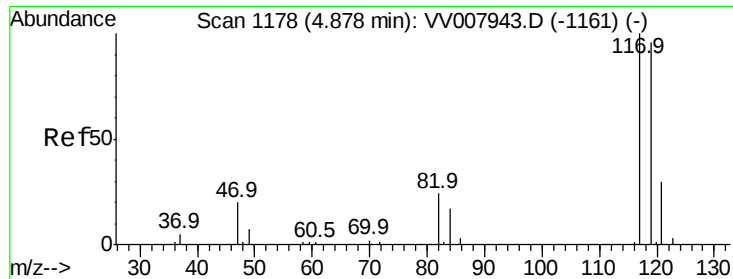
85 69.7 44.8 83.2



Abundance Ion 83.05 (82.75 to 83.75): VV007943.D (-1021) (-)

Ion 85.00 (84.70 to 85.70): VV007943.D (-1021) (-)





#31

Carbon tetrachloride

Concen: 27.459 ug/L

RT: 4.88 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VV007950.D

Acq: 28 Sep 2018 13:33

Instrument :

MSVOA_V

ClientSampleId :

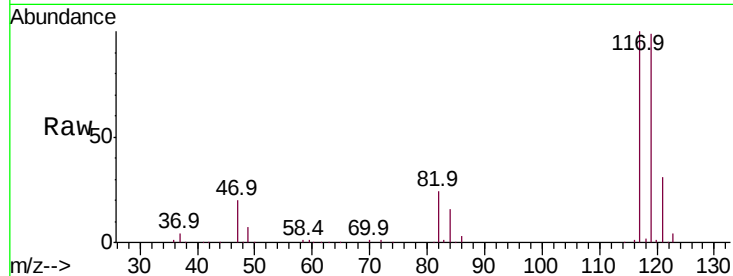
GAC37

Tot Ion:117 Resp: 255334

Ion Ratio Lower Upper

117 100

119 96.3 77.8 116.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

4.88

120000

100000

80000

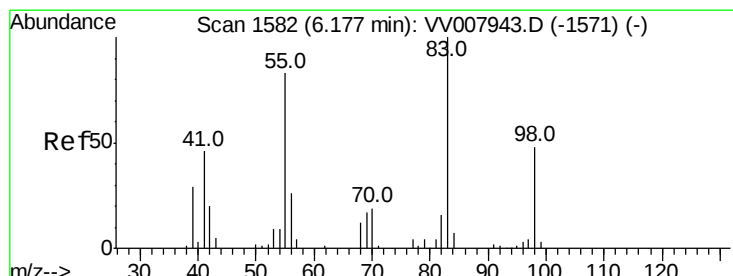
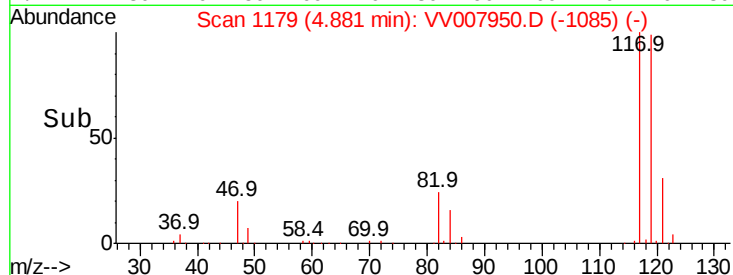
60000

40000

20000

0

Time-->



#35

Methylcyclohexane

Concen: 0.669 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV007950.D

Acq: 28 Sep 2018 13:33

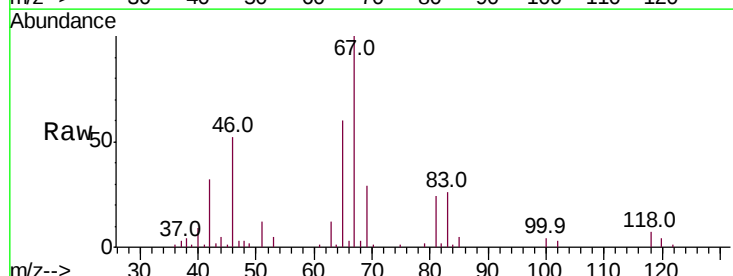
Tgt Ion: 83 Resp: 7219

Ion Ratio Lower Upper

83 100

55 0.3 62.2 93.2#

98 0.7 38.0 57.0#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

6.13

5000

4000

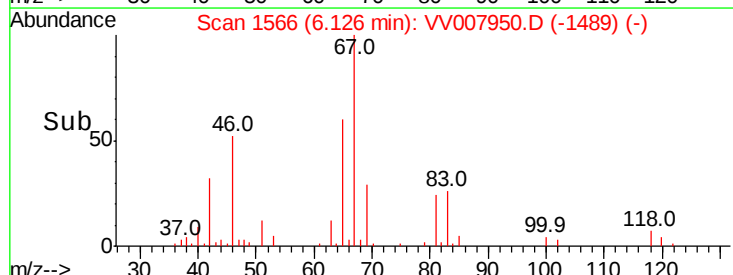
3000

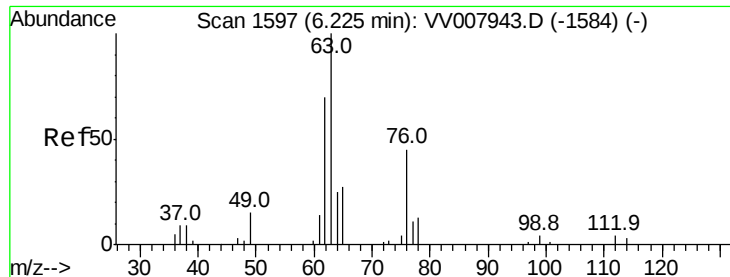
2000

1000

0

Time-->





#37

1,2-Dichloropropane

Concen: 0.552 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV007950.D

Acq: 28 Sep 2018 13:33

Instrument :

MSVOA_V

ClientSampleId :

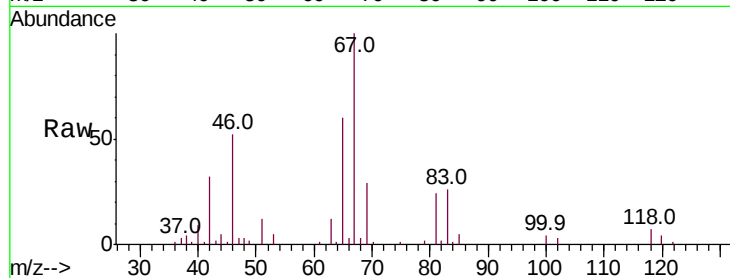
GAC37

Tot Ion: 63 Resp: 3544

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV007943.D (-1584) (-)

Ion 112.10 (111.80 to 112.80): VV007943.D (-1584) (-)

6.13

2000

1500

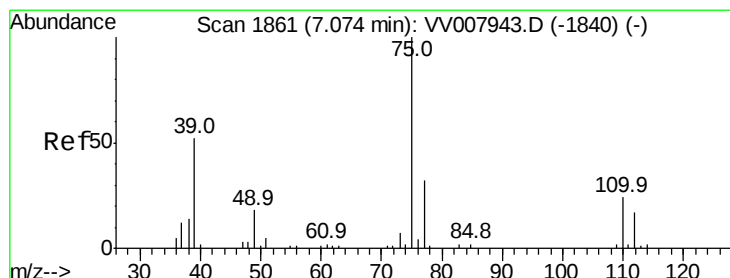
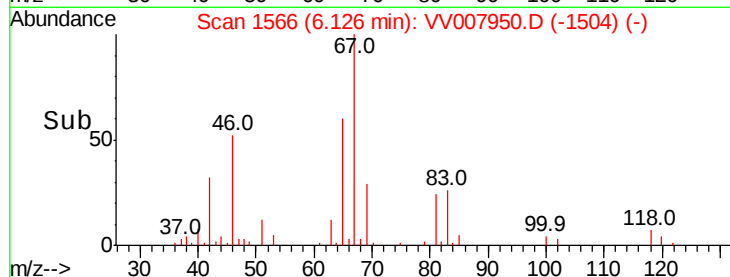
1000

500

0

6.05 6.10 6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 7.04 min Scan# 1851

Delta R.T. -0.03 min

Lab File: VV007950.D

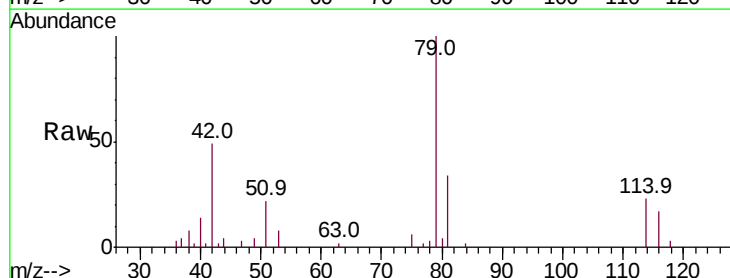
Acq: 28 Sep 2018 13:33

Tgt Ion: 75 Resp: 758

Ion Ratio Lower Upper

75 100

77 41.5 22.9 42.5



Abundance Ion 75.05 (74.75 to 75.75): VV007943.D (-1840) (-)

Ion 77.05 (76.75 to 77.75): VV007943.D (-1840) (-)

7.04

500

400

300

200

100

0

7.00 7.02 7.04 7.06

Time-->

