

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092818\
 Data File : VV007956.D
 Acq On : 28 Sep 2018 16:17
 Operator : SY/MD
 Sample : J5063-10DL 5X
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAC31DL

Quant Time: Oct 01 01:54:11 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	91798	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	87847	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43756	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	19377	3.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.80%
7) Chloroethane-d5	1.59	69	18990	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.14	63	34052	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	3.97	46	70996	47.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.92%
24) Chloroform-d	4.41	84	49090	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.09	65	28609	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.10	84	96629	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.12	67	30390	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.36	98	88651	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	7.67	79	10043	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
46) 2-Hexanone-d5	8.14	63	51823	45.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.72%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23018	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	37792	4.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.20%

Target Compounds

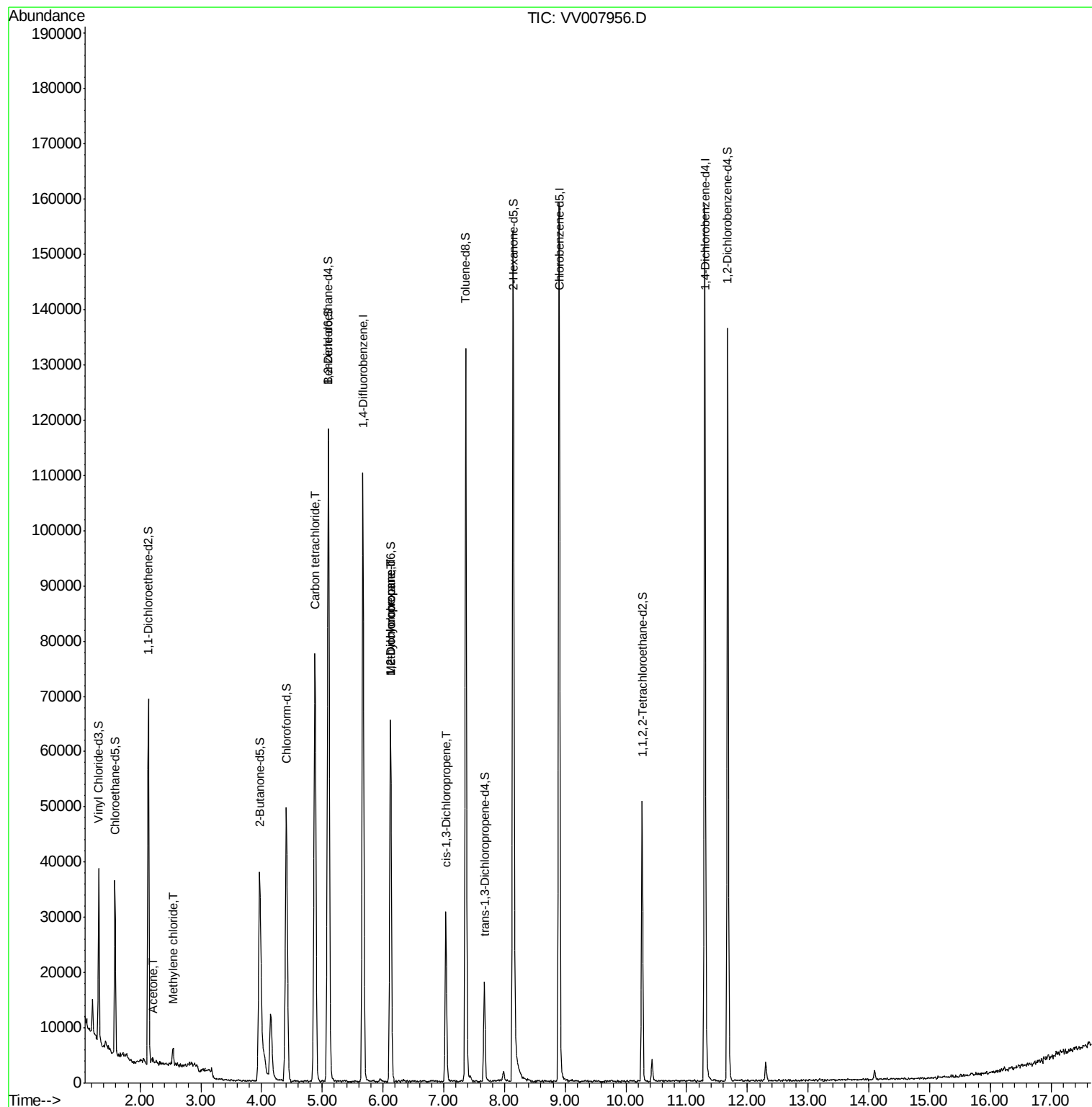
					Ovalue
13) Acetone	2.21	43	1619	1.501	ug/L 55
16) Methylene chloride	2.54	84	1050	0.156	ug/L 90
31) Carbon tetrachloride	4.88	117	56719	6.091	ug/L 99
35) Methylcyclohexane	6.12	83	7501	0.695	ug/L # 18
37) 1,2-Dichloropropane	6.12	63	3585	0.558	ug/L # 87
39) cis-1,3-Dichloropropene	7.03	75	712	0.083	ug/L # 35

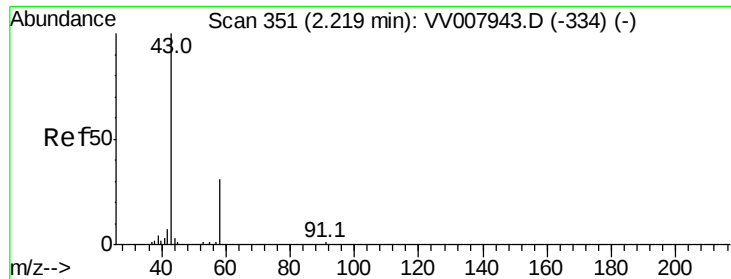
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 01 01:51:53 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.501 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.01 min

Lab File: VV007956.D

Acq: 28 Sep 2018 16:17

Instrument :

MSVOA_V

ClientSampled :

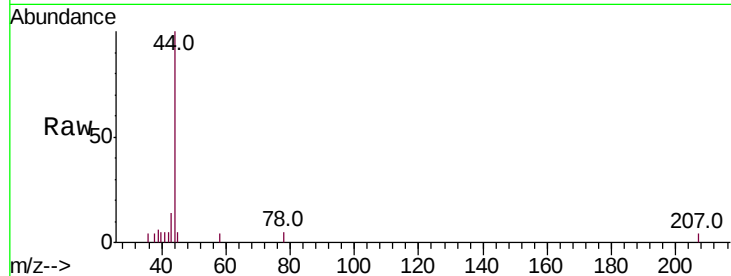
GAC31DL

Tot Ion: 43 Resp: 1619

Ion Ratio Lower Upper

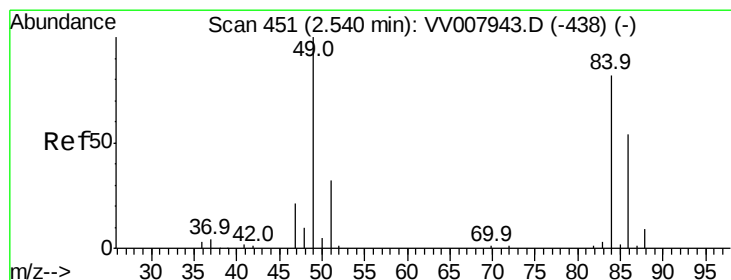
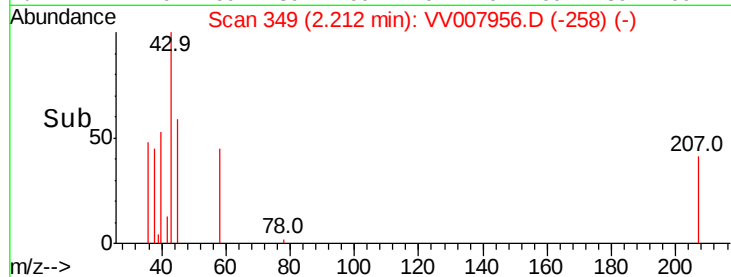
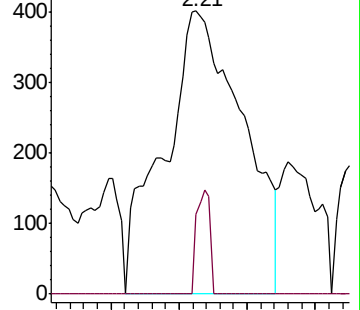
43 100

58 6.3 0.0 62.0



Abundance Ion 43.05 (42.75 to 43.75): VV007943.D (-334) (-)

Ion 58.05 (57.75 to 58.75): VV007943.D (-334) (-)



#16

Methylene chloride

Concen: 0.156 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.00 min

Lab File: VV007956.D

Acq: 28 Sep 2018 16:17

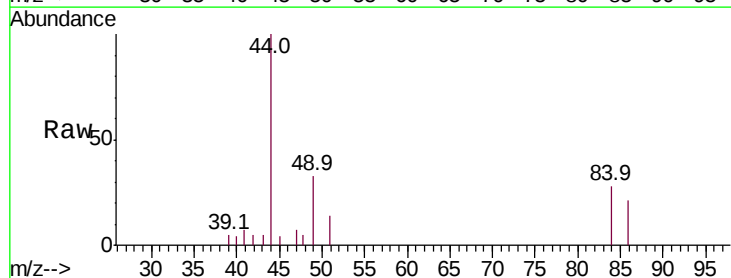
Tgt Ion: 84 Resp: 1050

Ion Ratio Lower Upper

84 100

86 75.9 47.3 87.8

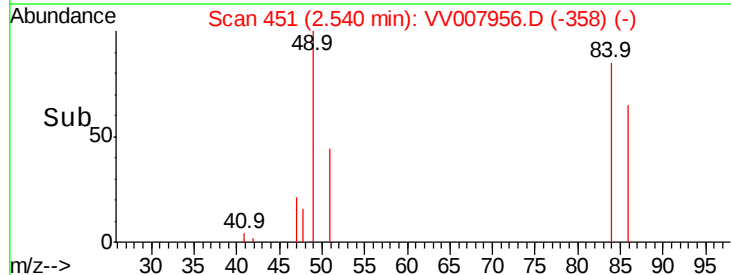
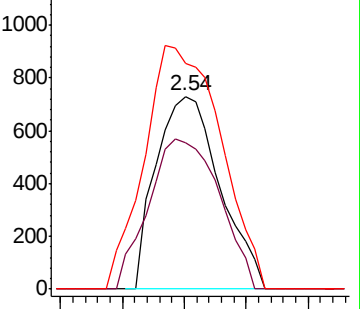
49 117.4 90.0 167.2

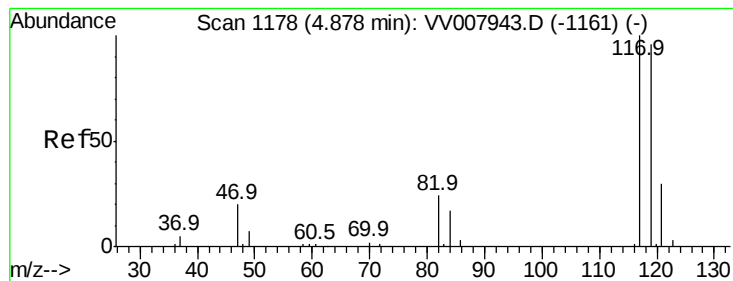


Abundance Ion 84.05 (83.75 to 84.75): VV007943.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV007943.D (-438) (-)

Ion 49.10 (48.80 to 49.80): VV007943.D (-438) (-)





#31

Carbon tetrachloride

Concen: 6.091 ug/L

RT: 4.88 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VV007956.D

Acq: 28 Sep 2018 16:17

Instrument :

MSVOA_V

ClientSampled :

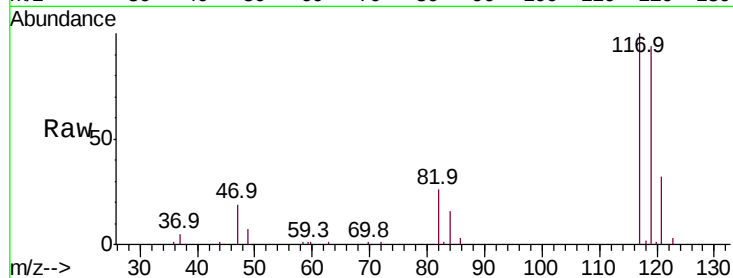
GAC31DL

Tot Ion:117 Resp: 56719

Ion Ratio Lower Upper

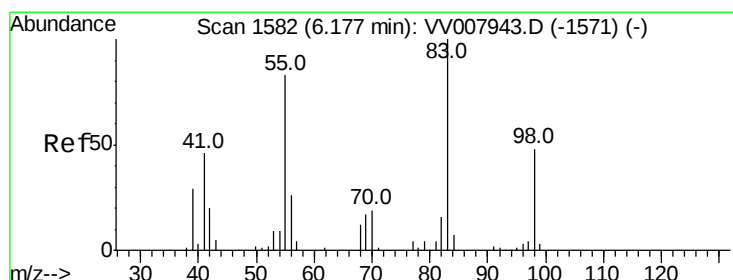
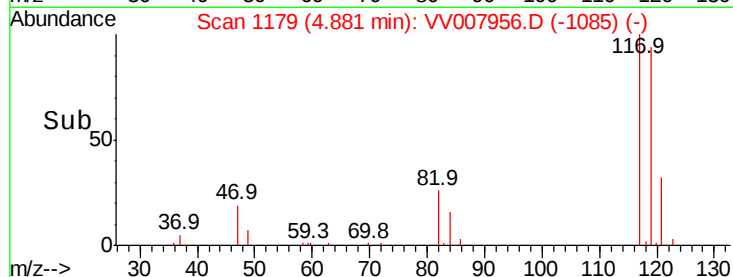
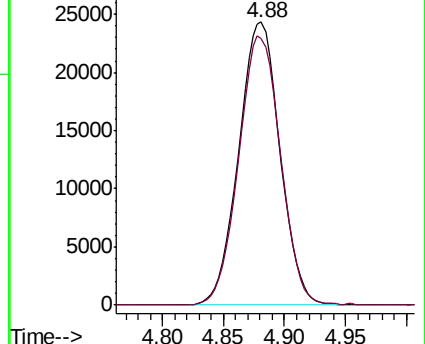
117 100

119 96.6 77.8 116.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#35

Methylcyclohexane

Concen: 0.695 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV007956.D

Acq: 28 Sep 2018 16:17

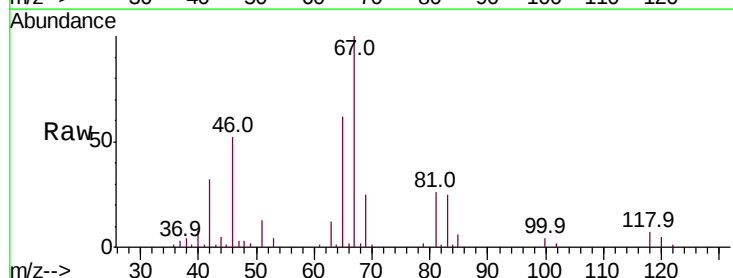
Tgt Ion: 83 Resp: 7501

Ion Ratio Lower Upper

83 100

55 0.0 62.2 93.2#

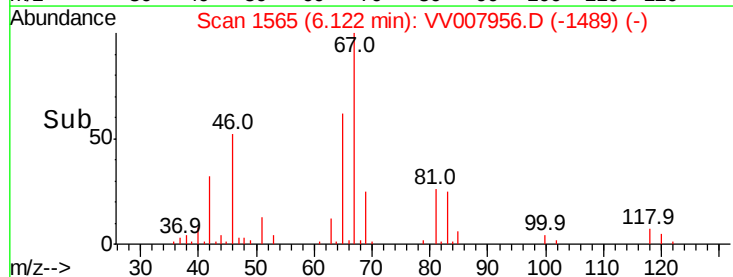
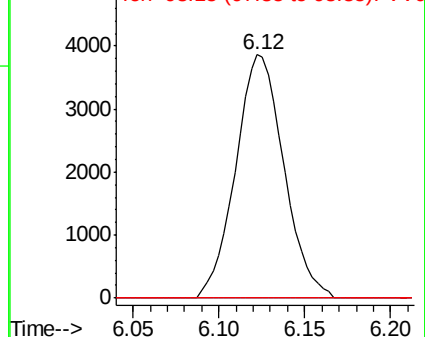
98 0.0 38.0 57.0#

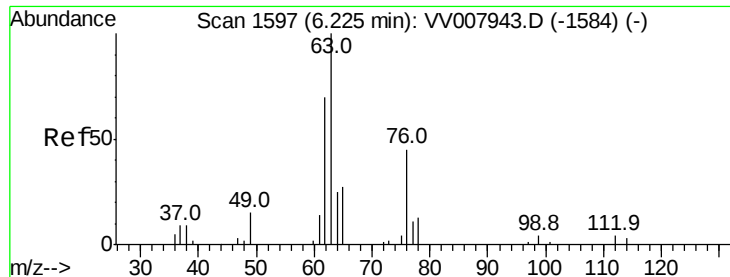


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.558 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV007956.D

Acq: 28 Sep 2018 16:17

Instrument :

MSVOA_V

ClientSampleId :

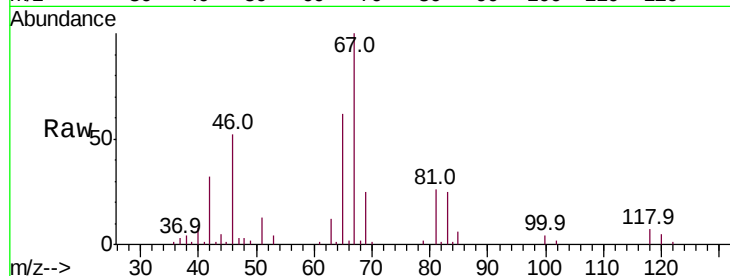
GAC31DL

Tot Ion: 63 Resp: 3585

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) (-)

6.12

2000

1500

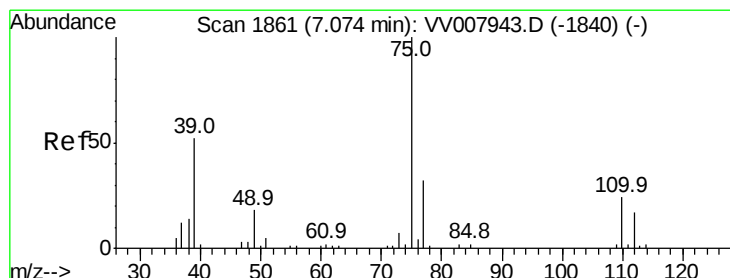
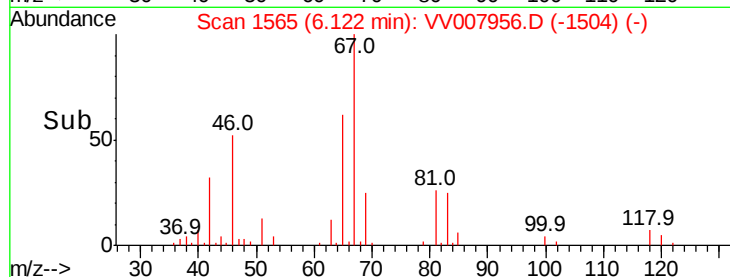
1000

500

0

6.05 6.10 6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV007956.D

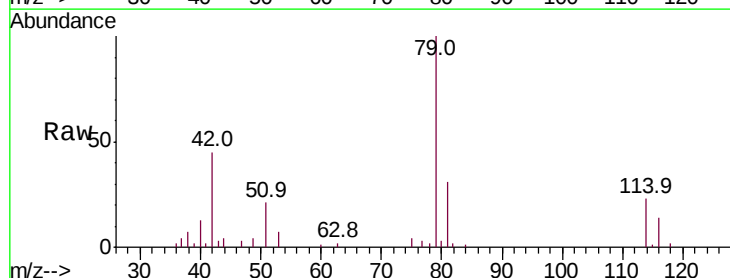
Acq: 28 Sep 2018 16:17

Tgt Ion: 75 Resp: 712

Ion Ratio Lower Upper

75 100

77 69.3 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) (-)

7.03

400

300

200

100

0

7.00 7.02 7.04 7.06

Time-->

