

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\
 Data File : VV007922.D
 Acq On : 27 Sep 2018 22:07
 Operator : SY/MD
 Sample : J4989-18
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 03:47:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 28 03:46:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	89932	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	85968	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42545	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21363	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.58	69	19228	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.13	63	35442	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	3.98	46	67026	46.22	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.44%
24) Chloroform-d	4.41	84	48839	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.09	65	27274	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	5.10	84	95939	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.13	67	30037	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.36	98	89656	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	7.67	79	10049	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.14	63	47763	43.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.38%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21943	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	37756	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

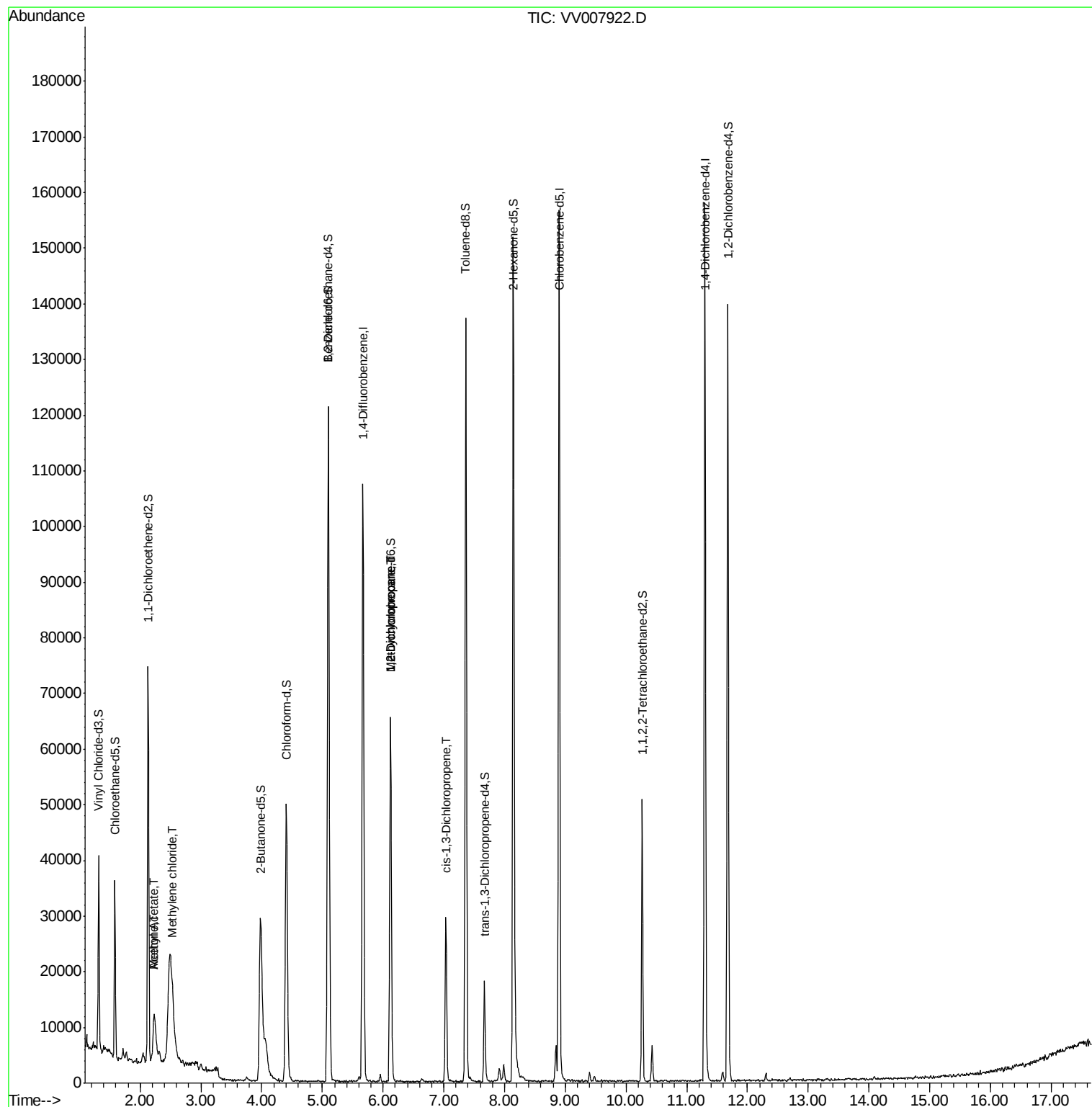
					Ovalue
13) Acetone	2.23	43	19250	18.220	ug/L 100
15) Methyl Acetate	2.23	43	19146	7.086	ug/L # 51
16) Methylene chloride	2.54	84	760	0.115	ug/L 98
35) Methylcyclohexane	6.13	83	7026	0.665	ug/L # 18
37) 1,2-Dichloropropane	6.12	63	3751	0.596	ug/L # 87
39) cis-1,3-Dichloropropene	7.04	75	740	0.088	ug/L # 68

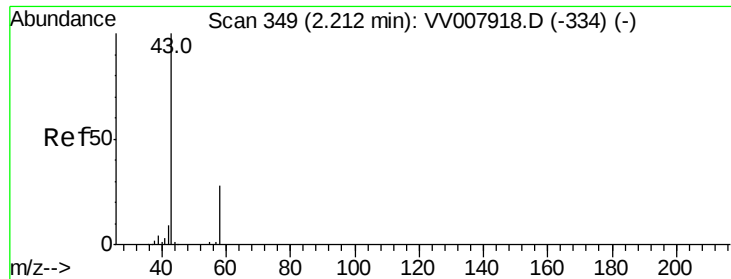
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 18.220 ug/L

RT: 2.23 min Scan# 354

Delta R.T. 0.02 min

Lab File: VV007922.D

Acq: 27 Sep 2018 22:07

Instrument :

MSVOA_V

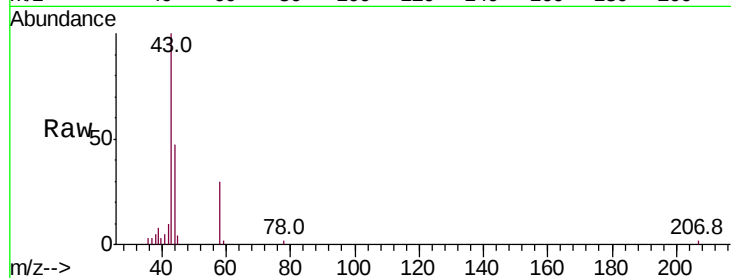
ClientSampleId :

Tot Ion: 43 Resp: 19250

Ion Ratio Lower Upper

43 100

58 30.8 0.0 62.0



Abundance Ion 43.05 (42.75 to 43.75): VV007918.D (-334) (-)

Ion 58.05 (57.75 to 58.75): VV007918.D (-334) (-)

2.23

6000

5000

4000

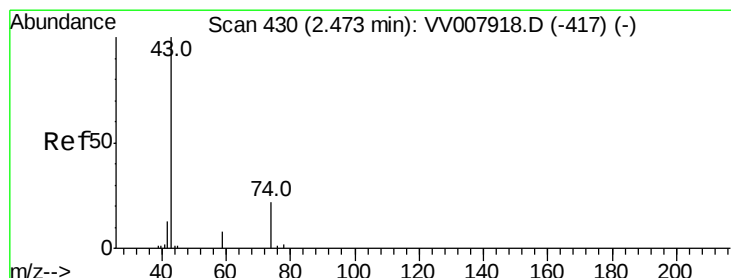
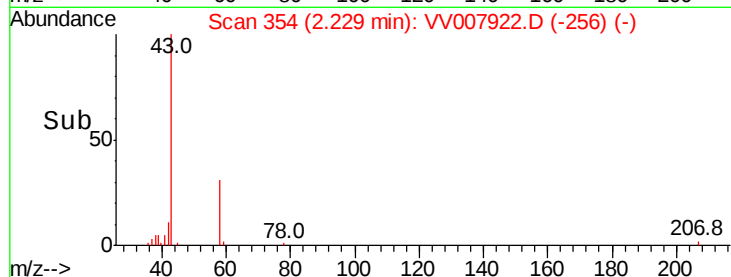
3000

2000

1000

0

Time--> 2.10 2.20 2.30 2.40



#15

Methyl Acetate

Concen: 7.086 ug/L

RT: 2.23 min Scan# 354

Delta R.T. -0.24 min

Lab File: VV007922.D

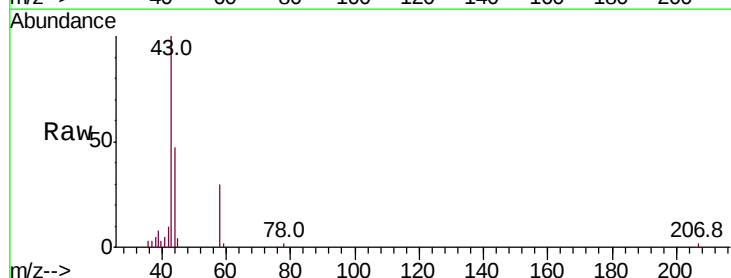
Acq: 27 Sep 2018 22:07

Tgt Ion: 43 Resp: 19146

Ion Ratio Lower Upper

43 100

74 0.0 19.5 29.3#



Abundance Ion 43.05 (42.75 to 43.75): VV007918.D (-417) (-)

Ion 74.05 (73.75 to 74.75): VV007918.D (-417) (-)

2.23

6000

5000

4000

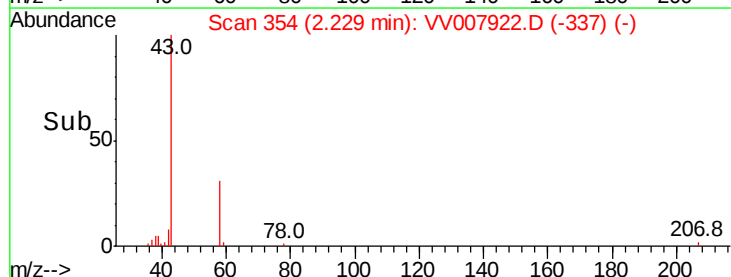
3000

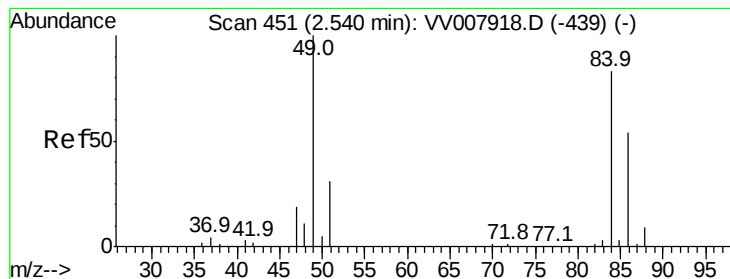
2000

1000

0

Time--> 2.10 2.20 2.30 2.40





#16

Methvlene chloride

Concen: 0.115 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.00 min

Lab File: VV007922.D

Acq: 27 Sep 2018 22:07

Instrument :

MSVOA_V

ClientSampleId :

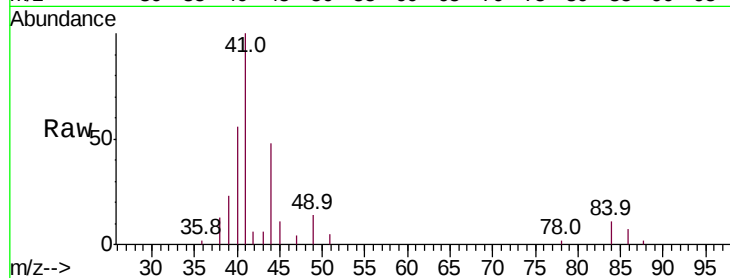
Tot Ion: 84 Resp: 760

Ion Ratio Lower Upper

84 100

86 65.8 47.3 87.8

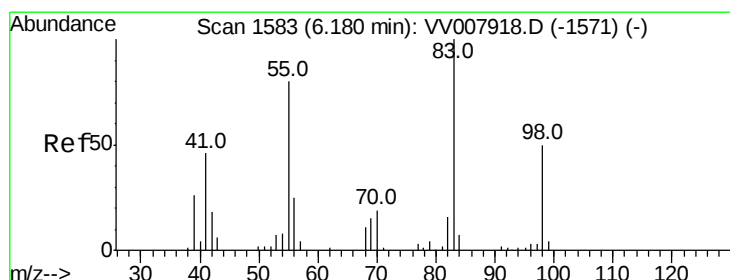
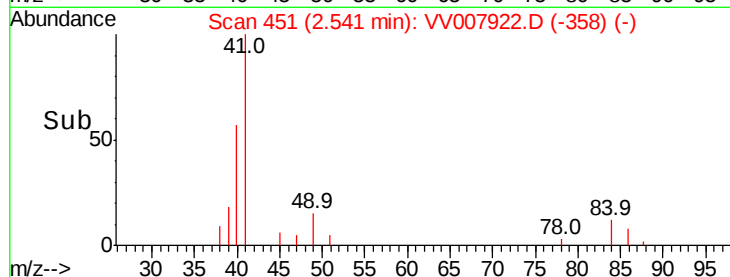
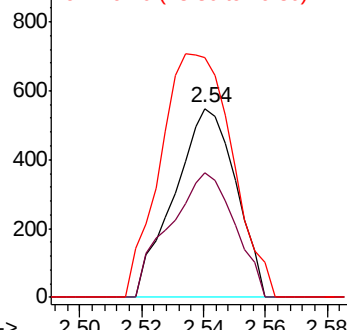
49 126.6 90.0 167.2



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0



#35

Methylcyclohexane

Concen: 0.665 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV007922.D

Acq: 27 Sep 2018 22:07

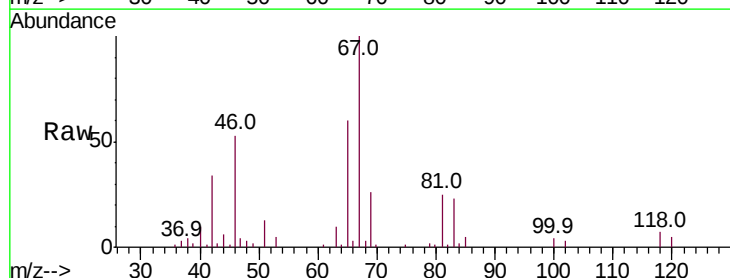
Tgt Ion: 83 Resp: 7026

Ion Ratio Lower Upper

83 100

55 0.0 62.2 93.2#

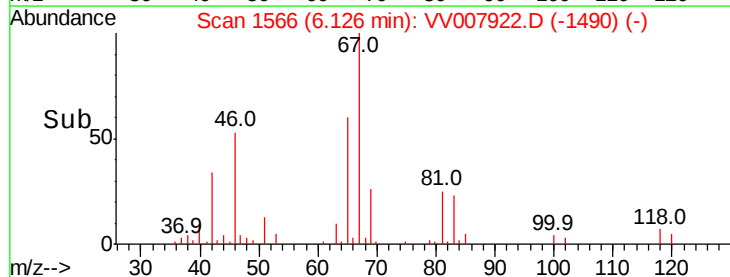
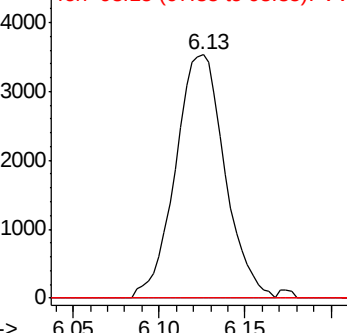
98 0.0 38.0 57.0#

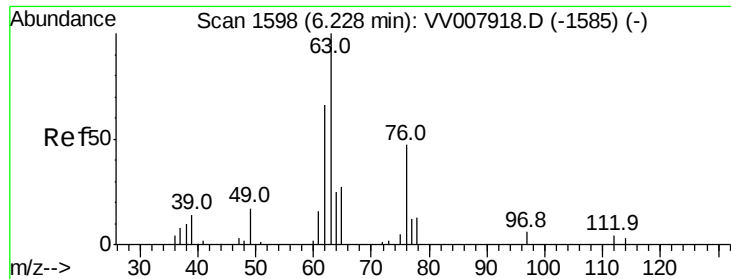


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.596 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.11 min

Lab File: VV007922.D

Acq: 27 Sep 2018 22:07

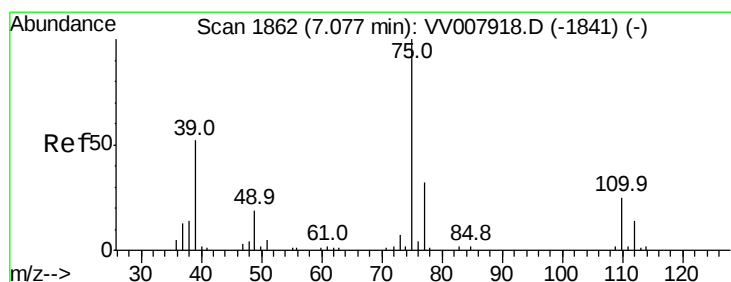
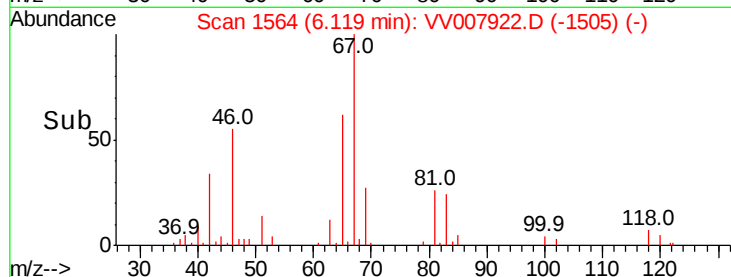
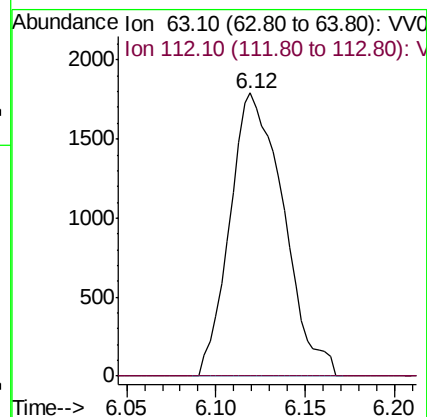
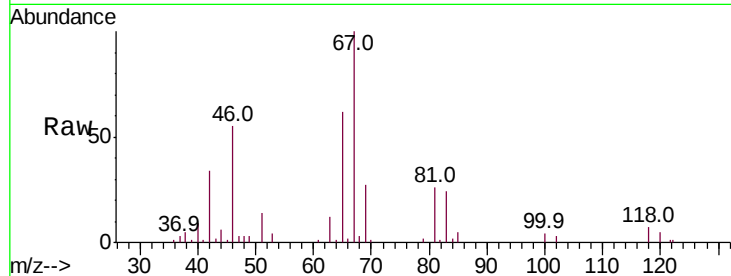
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 63 Resp: 3751

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 7.04 min Scan# 1850

Delta R.T. -0.04 min

Lab File: VV007922.D

Acq: 27 Sep 2018 22:07

Tgt Ion: 75 Resp: 740

Ion Ratio Lower Upper

75 100

77 50.4 22.9 42.5#

