

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092120\
 Data File : VV018372.D
 Acq On : 21 Sep 2020 15:38
 Operator : SY/MD
 Sample : L4090-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWX8

Quant Time: Sep 22 04:37:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 22 04:28:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	176932	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	176997	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	83705	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94740	65.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	131.40%
7) Chloroethane-d5	1.58	69	82799	70.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	140.36%#
11) 1,1-Dichloroethene-d2	2.12	63	143523	54.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.52%
21) 2-Butanone-d5	3.91	46	121607	137.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	137.79%#
24) Chloroform-d	4.38	84	183439	73.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	146.64%#
26) 1,2-Dichloroethane-d4	5.06	65	121909	76.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	152.04%#
32) Benzene-d6	5.08	84	367883	72.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	145.20%#
36) 1,2-Dichloropropane-d6	6.09	67	118776	73.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	147.54%#
41) Toluene-d8	7.34	98	325562	70.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	141.00%#
43) trans-1,3-Dichloropropene-	7.64	79	57045	69.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	139.46%#
47) 2-Hexanone-d5	8.11	63	77824	127.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	127.61%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	140495	69.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	139.06%#
64) 1,2-Dichlorobenzene-d4	11.65	152	136224	79.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	158.48%#

Target Compounds

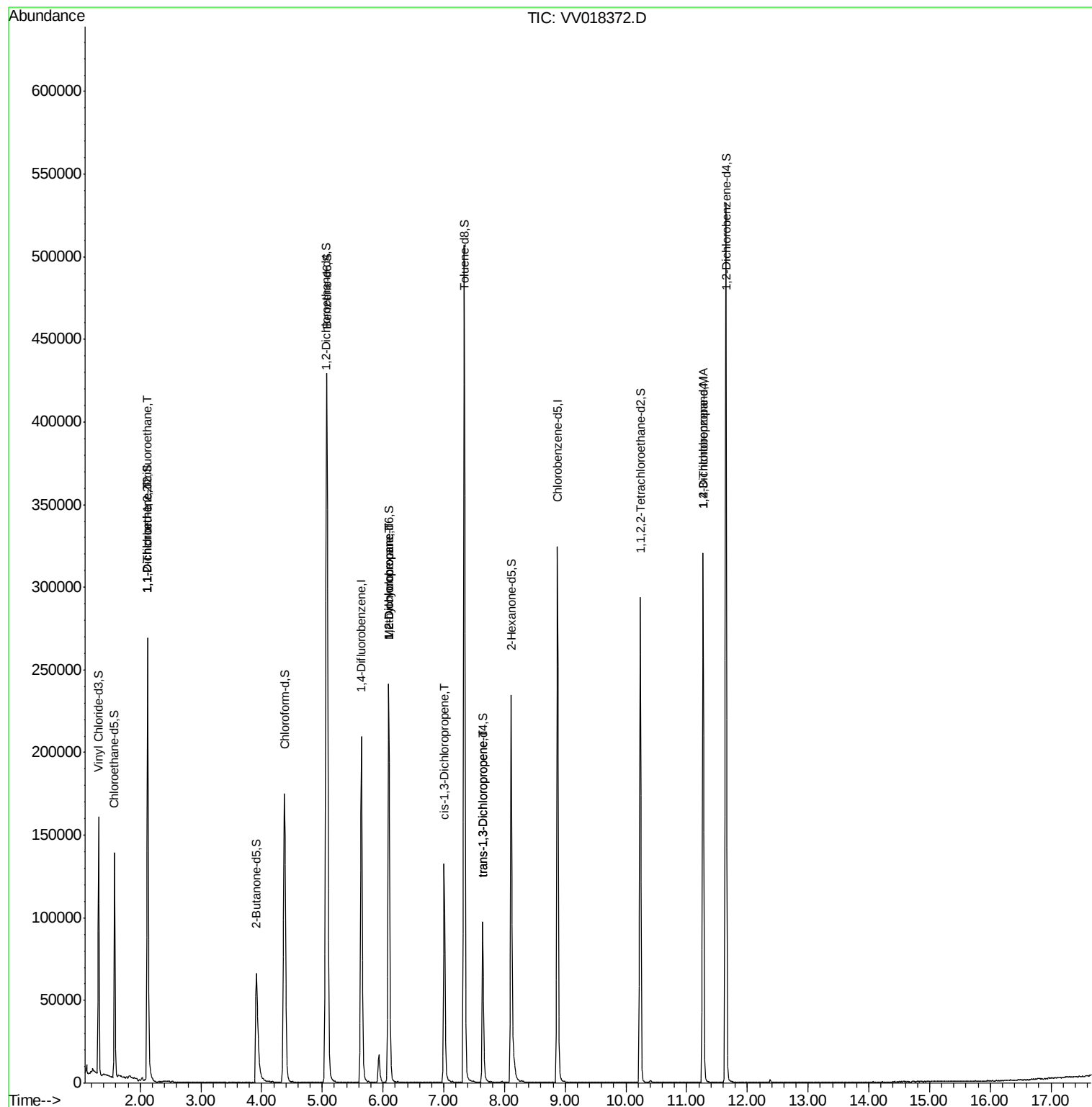
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1358	1.137 ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1069	0.920 ug/L #	1
35) Methylcyclohexane	6.09	83	28341	13.654 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	13158	9.812 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3187	1.542 ug/L #	58
44) trans-1,3-Dichloropropene	7.64	75	2379	1.183 ug/L	94
59) 1,2,3-Trichloropropane	11.27	75	9628	6.104 ug/L	93

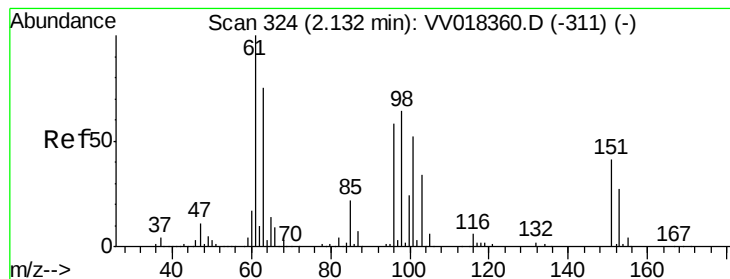
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.137 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018372.D

Acq: 21 Sep 2020 15:38

Instrument :

MSVOA_V

ClientSampleId :

BFWX8

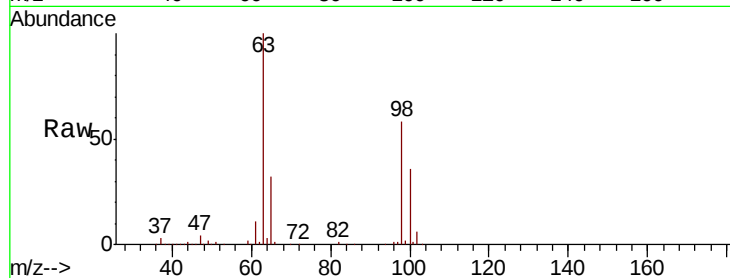
Tot Ion:101 Resp: 1358

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

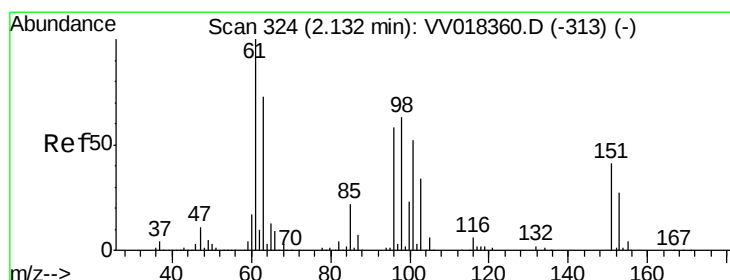
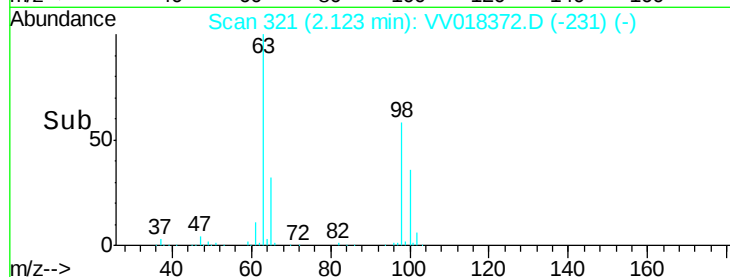
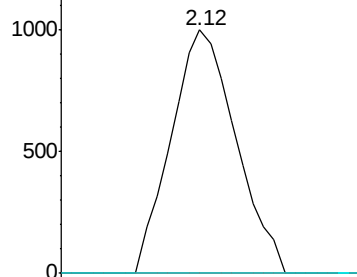
151 0.0 62.2 93.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.920 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018372.D

Acq: 21 Sep 2020 15:38

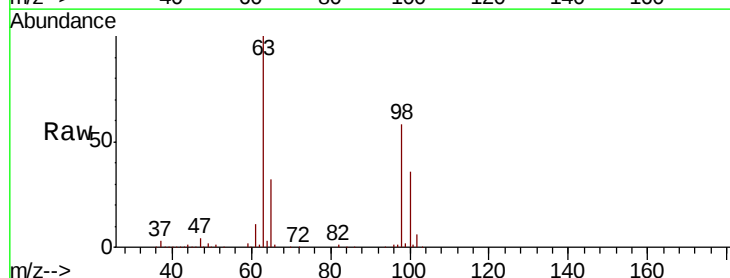
Tgt Ion: 96 Resp: 1069

Ion Ratio Lower Upper

96 100

61 1660.1 122.9 228.3#

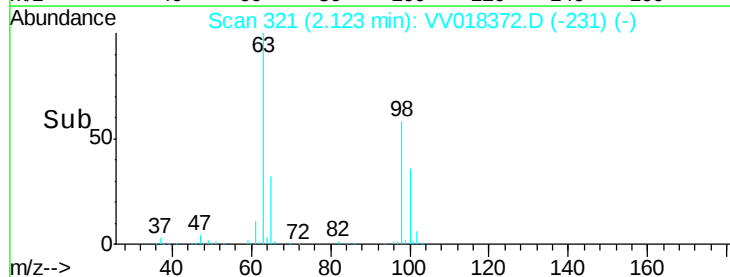
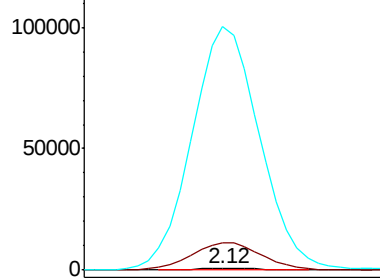
63 14705.0 91.9 170.7#

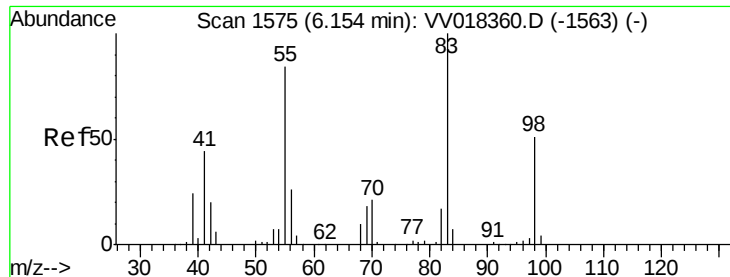


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

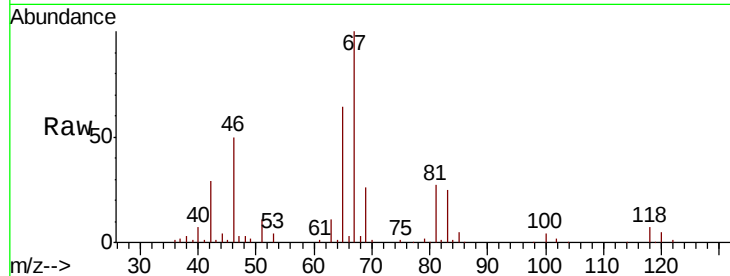




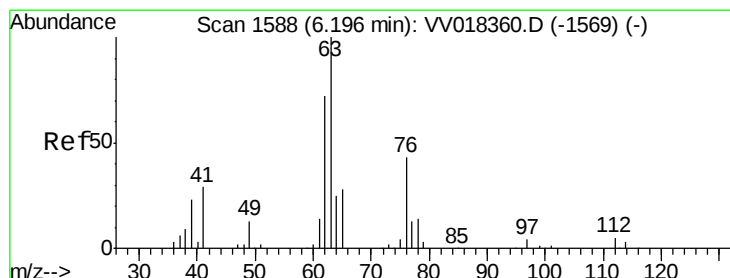
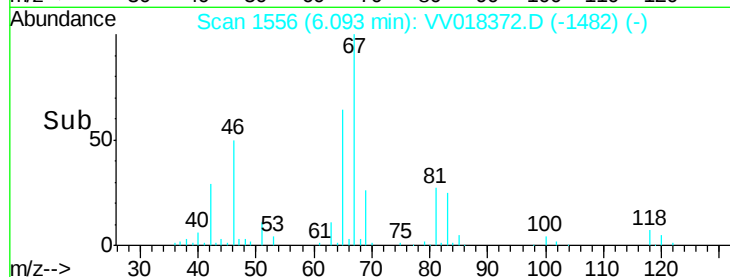
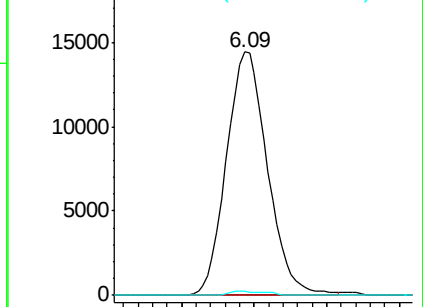
#35
Methvlcvclohexane
Concen: 13.654 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018372.D
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BFWX8

Tot Ion	83	Resp	28341
Ion Ratio	Lower	Upper	
83	100		
55	0.0	63.4	95.2#
98	0.9	38.8	58.2#

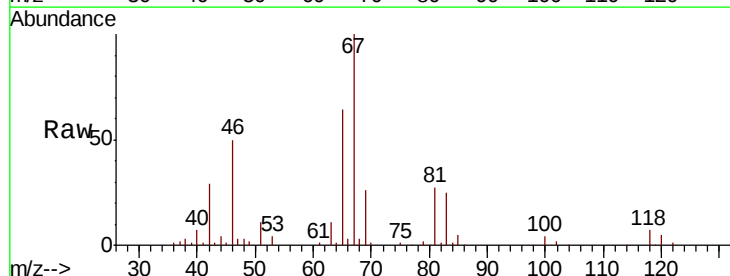


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

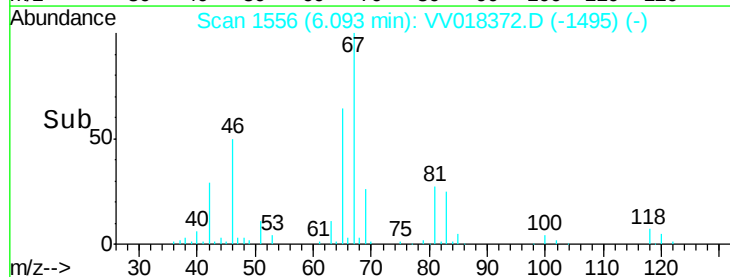
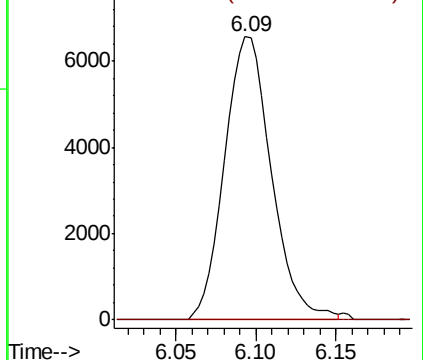


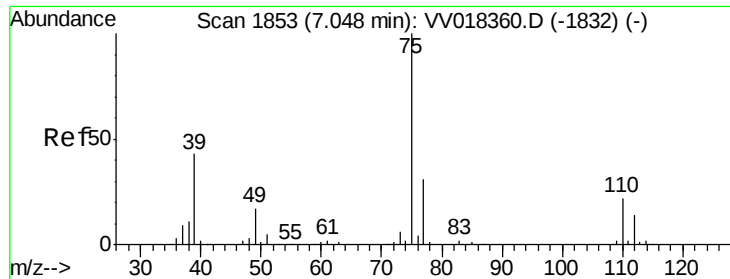
#37
1,2-Dichloropropane
Concen: 9.812 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018372.D
Acq: 21 Sep 2020 15:38

Tgt Ion	63	Resp	13158
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.4	5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V





#39

cis-1,3-Dichloropropene

Concen: 1.542 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018372.D

Acq: 21 Sep 2020 15:38

Instrument :

MSVOA_V

ClientSampleId :

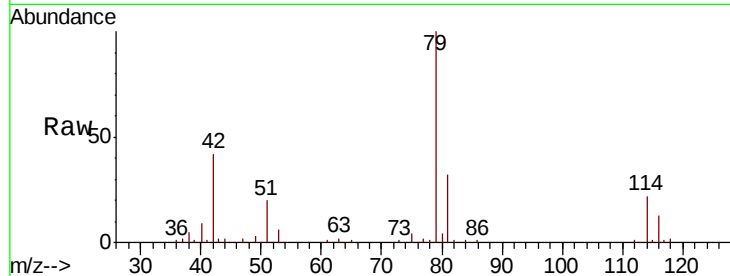
BFWX8

Tot Ion: 75 Resp: 3187

Ion Ratio Lower Upper

75 100

77 55.4 22.3 41.3#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

2000

1500

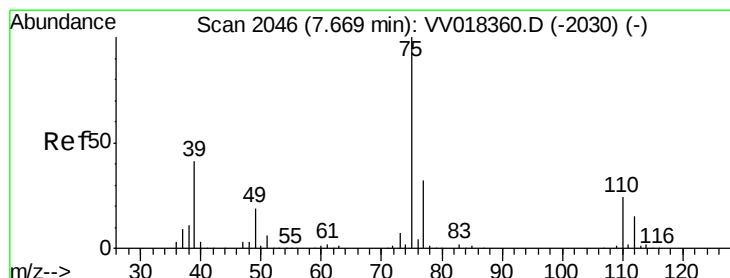
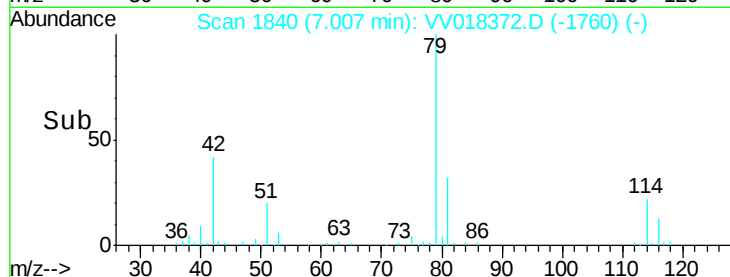
1000

500

0

6.95 7.01 7.05

Time-->



#44

trans-1,3-Dichloropropene

Concen: 1.183 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV018372.D

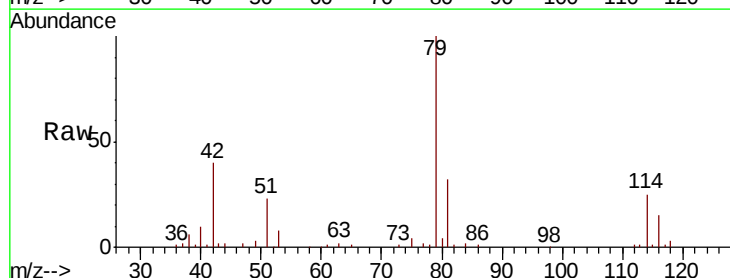
Acq: 21 Sep 2020 15:38

Tgt Ion: 75 Resp: 2379

Ion Ratio Lower Upper

75 100

77 35.1 22.3 41.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

1500

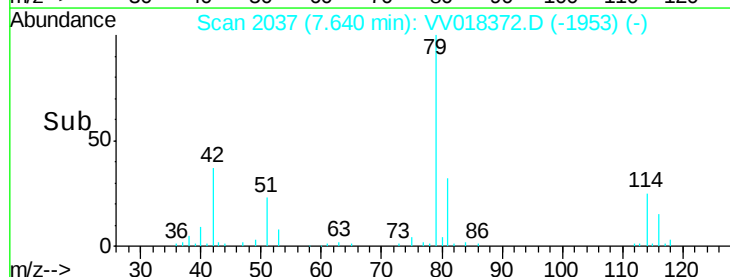
1000

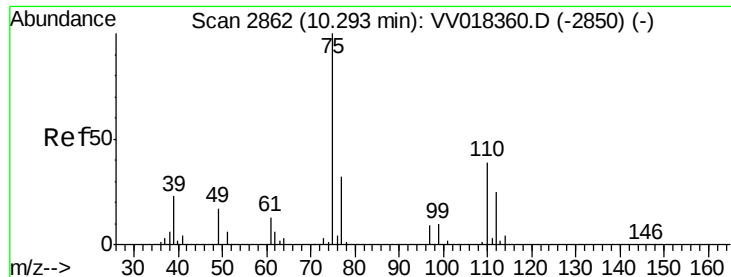
500

0

7.60 7.64 7.65

Time-->





#59

1,2,3-Trichloropropane

Concen: 6.104 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018372.D

Acq: 21 Sep 2020 15:38

Instrument :

MSVOA_V

ClientSampleId :

BFWX8

Tot Ion: 75 Resp: 9628

Ion Ratio Lower Upper

75 100

77 36.2 25.8 38.6

