

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016491.D
 Acq On : 04 Jun 2020 05:36
 Operator : SY/MD
 Sample : L2849-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 04 07:41:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 04 05:34:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	358551	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	335480	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	156850	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	111139	43.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.52%
7) Chloroethane-d5	1.57	69	83711	45.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.32%
11) 1,1-Dichloroethene-d2	2.12	63	151310	33.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.22%
21) 2-Butanone-d5	3.90	46	172250	106.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.08%
24) Chloroform-d	4.38	84	224203	47.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.08%
26) 1,2-Dichloroethane-d4	5.06	65	156731	49.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.22%
32) Benzene-d6	5.07	84	448447	49.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.09	67	141649	50.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.18%
41) Toluene-d8	7.34	98	397135	48.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.32%
43) trans-1,3-Dichloropropene-	7.64	79	56347	41.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.58%
47) 2-Hexanone-d5	8.11	63	129711	108.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.16%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	185804	48.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.86%
64) 1,2-Dichlorobenzene-d4	11.65	152	160598	54.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.96%

Target Compounds

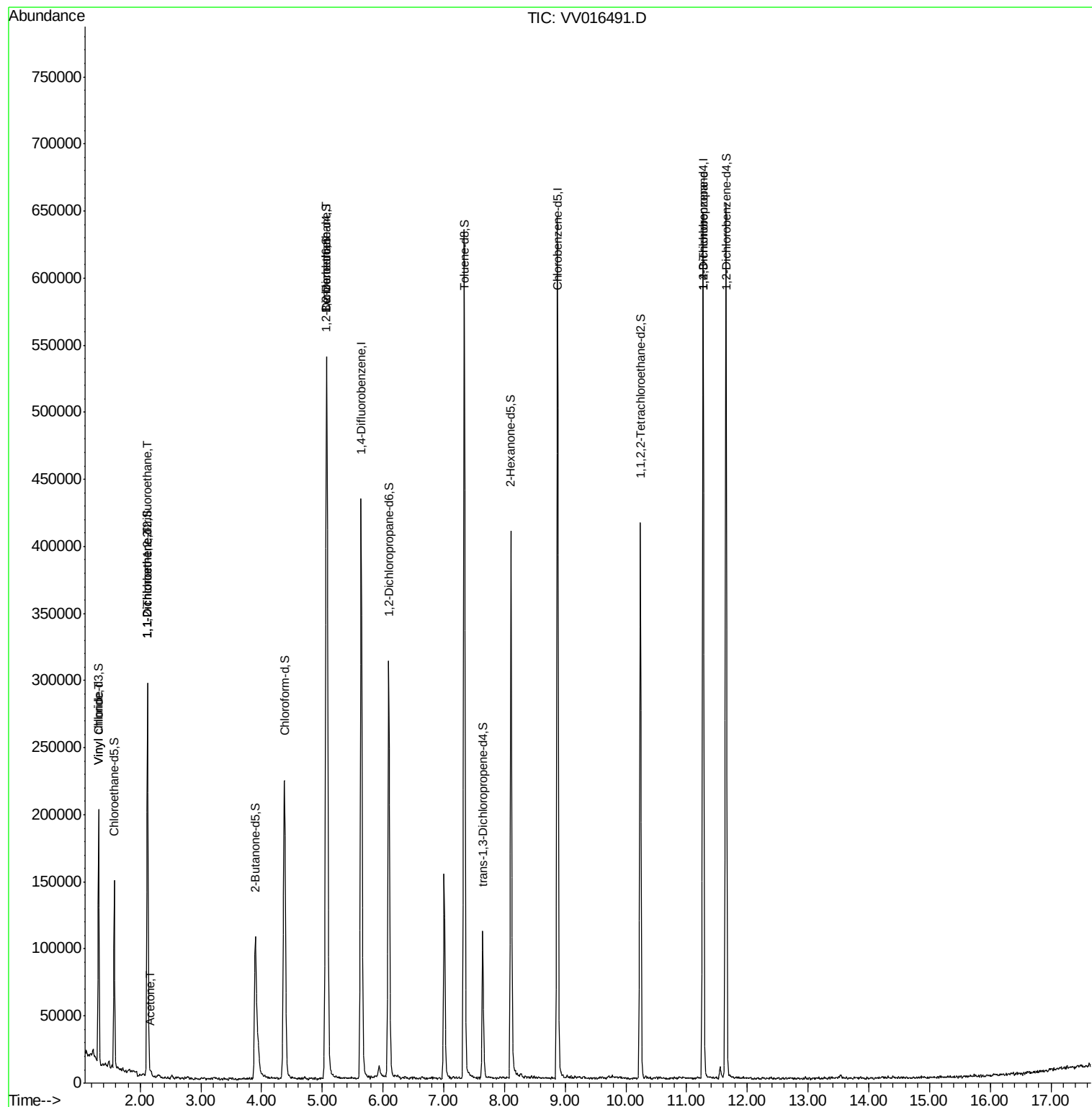
					Ovalue
5) Vinyl chloride	1.32	62	3296	1.197 ug/L #	5
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1528	0.739 ug/L #	20
12) 1,1-Dichloroethene	2.12	96	1442	0.724 ug/L #	1
13) Acetone	2.17	43	1805	1.189 ug/L	80
27) 1,2-Dichloroethane	5.08	62	3089	0.781 ug/L	97
59) 1,2,3-Trichloropropane	11.27	75	18602	5.797 ug/L	90

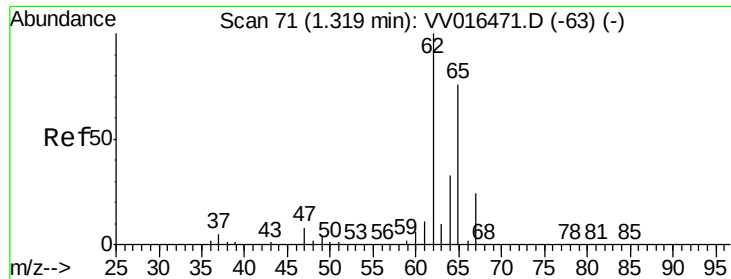
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 04 05:34:42 2020
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#5

Vinyl chloride

Concen: 1.197 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV016491.D

Acq: 04 Jun 2020 05:36

Instrument :

MSVOA_V

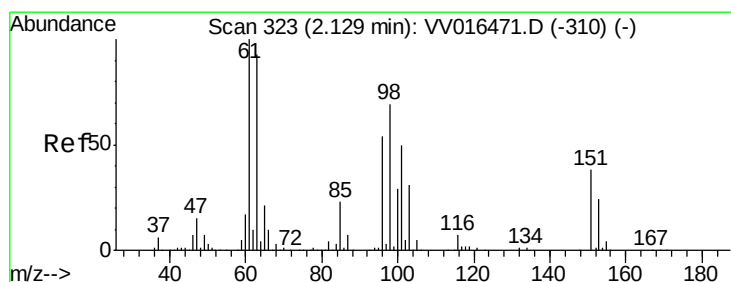
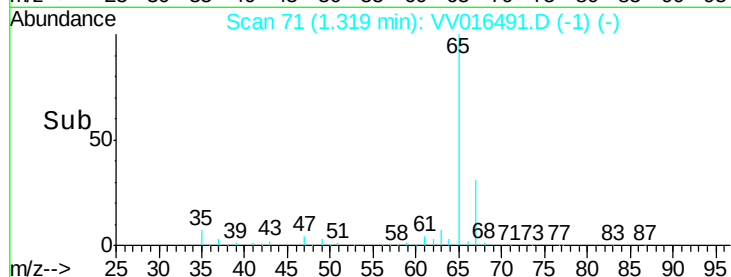
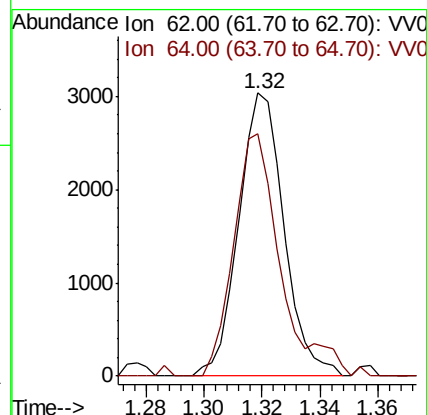
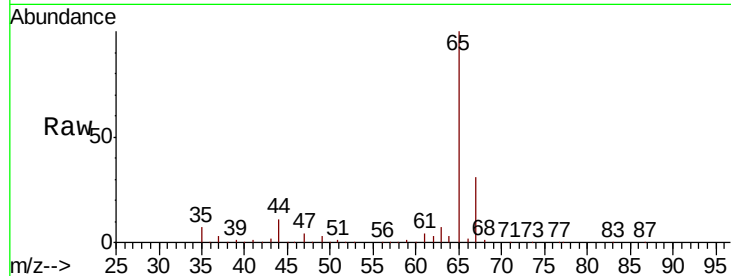
ClientSampleId :

Tot Ion: 62 Resp: 3296

Ion Ratio Lower Upper

62 100

64 85.8 22.7 42.1#



#10

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

Concen: 0.739 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016491.D

Acq: 04 Jun 2020 05:36

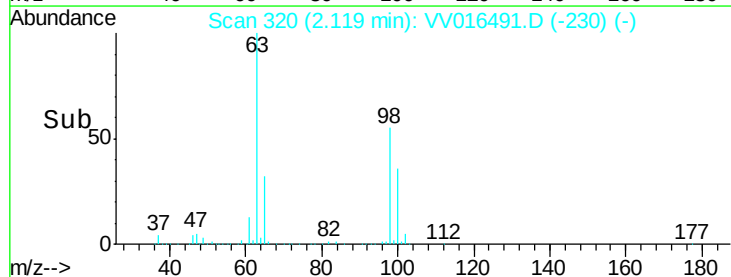
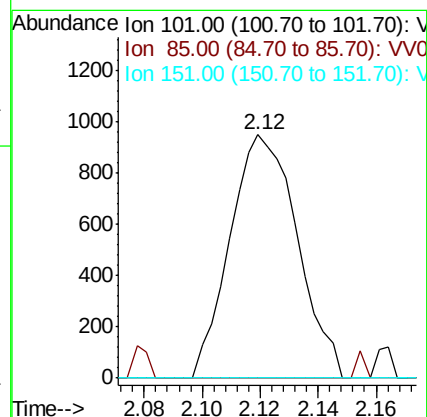
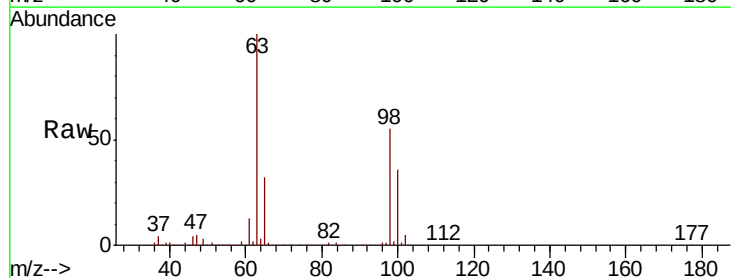
Tgt Ion: 101 Resp: 1528

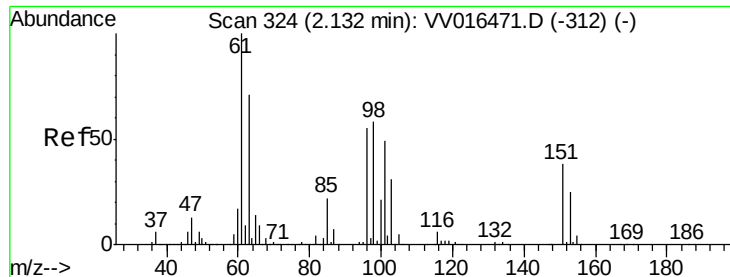
Ion Ratio Lower Upper

101 100

85 2.9 35.6 53.4#

151 0.0 61.8 92.8#

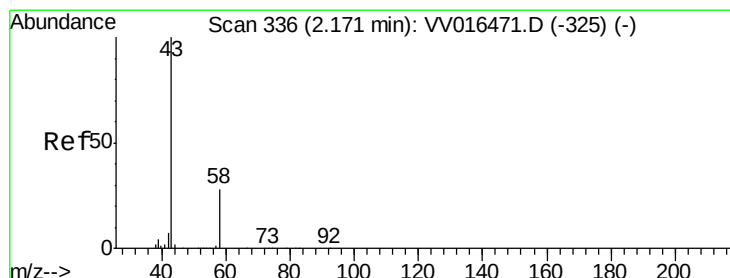
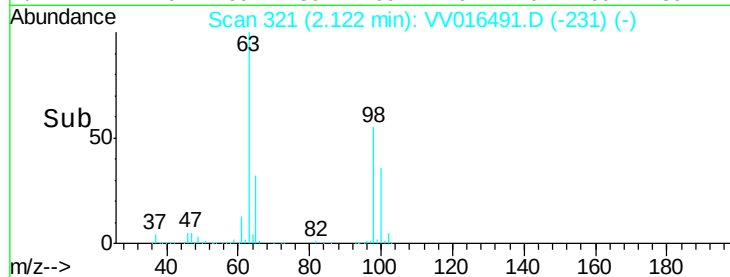
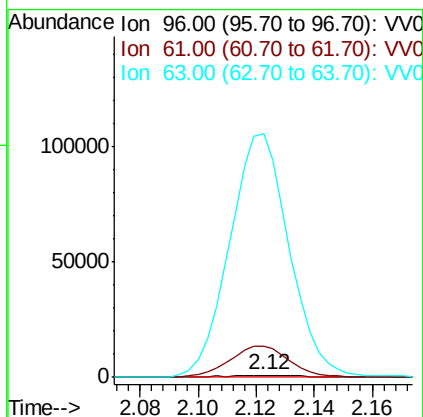
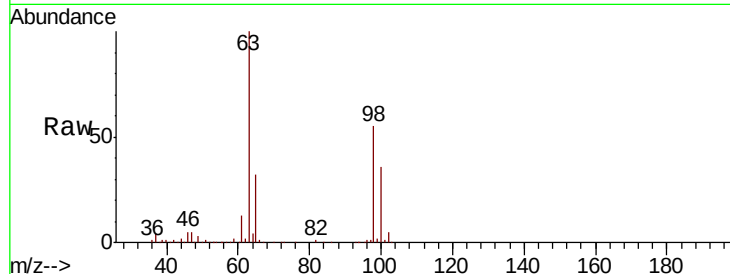




#12
 1,1-Dichloroethene
 Concen: 0.724 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV016491.D
 Acq: 04 Jun 2020 05:36

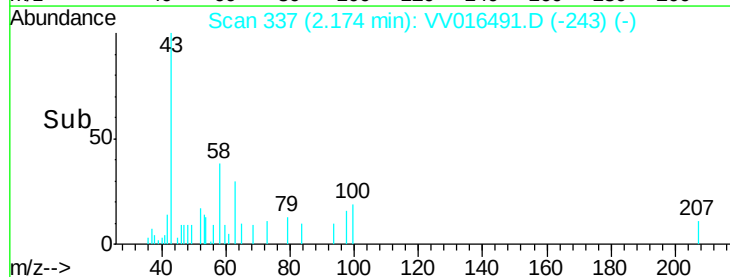
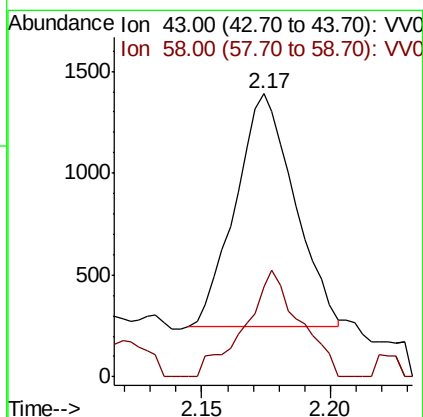
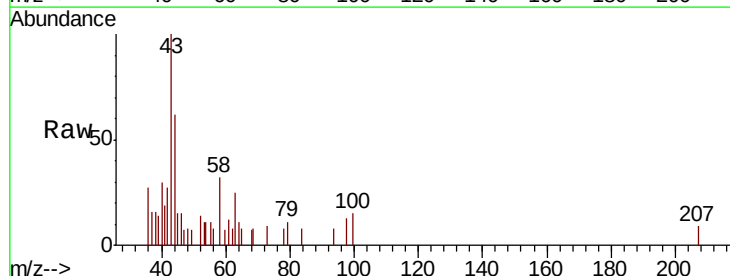
Instrument :
 MSVOA_V
 ClientSampled :

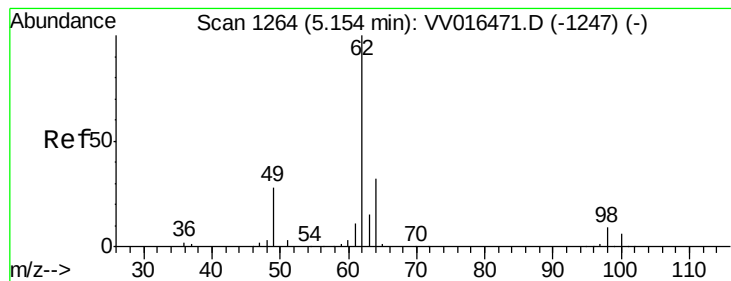
Tot Ion: 96 Resp: 1442
 Ion Ratio Lower Upper
 96 100
 61 1806.9 125.5 233.1#
 63 13956.1 104.0 193.1#



#13
 Acetone
 Concen: 1.189 ug/L
 RT: 2.17 min Scan# 337
 Delta R.T. 0.00 min
 Lab File: VV016491.D
 Acq: 04 Jun 2020 05:36

Tgt Ion: 43 Resp: 1805
 Ion Ratio Lower Upper
 43 100
 58 39.4 0.0 57.2





#27

1,2-Dichloroethane

Concen: 0.781 ug/L

RT: 5.08 min Scan# 1241

Delta R.T. -0.07 min

Lab File: VV016491.D

Acq: 04 Jun 2020 05:36

Instrument :

MSVOA_V

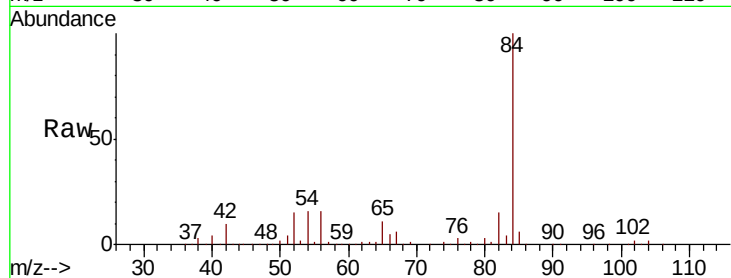
ClientSampled :

Tot Ion: 62 Resp: 3089

Ion Ratio Lower Upper

62 100

98 9.5 6.9 10.3



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

1500

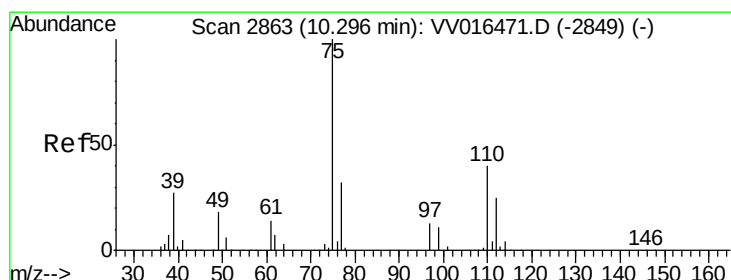
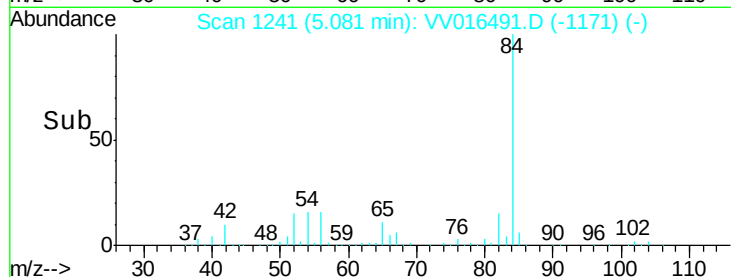
5.08

1000

500

0

Time--> 5.00 5.05 5.10



#59

1,2,3-Trichloropropane

Concen: 5.797 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016491.D

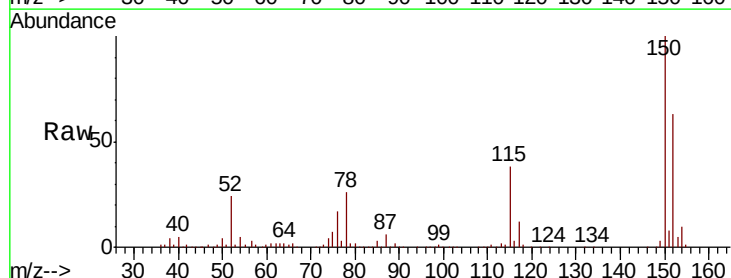
Acq: 04 Jun 2020 05:36

Tgt Ion: 75 Resp: 18602

Ion Ratio Lower Upper

75 100

77 39.1 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

10000

11.27

5000

0

Time--> 11.20 11.25 11.30

