

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091820\
 Data File : VV018328.D
 Acq On : 18 Sep 2020 17:22
 Operator : SY/MD
 Sample : L4065-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 01:44:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 19 01:35:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	273563	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	273229	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	131077	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100621	45.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.26%
7) Chloroethane-d5	1.58	69	82499	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.44%
11) 1,1-Dichloroethene-d2	2.12	63	142470	34.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.68%
21) 2-Butanone-d5	3.92	46	123452	90.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.47%
24) Chloroform-d	4.38	84	172680	44.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.28%
26) 1,2-Dichloroethane-d4	5.06	65	115231	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.94%
32) Benzene-d6	5.08	84	349257	44.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.30%
36) 1,2-Dichloropropane-d6	6.09	67	112731	45.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.72%
41) Toluene-d8	7.34	98	311223	43.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.32%
43) trans-1,3-Dichloropropene-	7.64	79	52992	41.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.92%
47) 2-Hexanone-d5	8.11	63	82217	87.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.33%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	140369	45.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	128892	47.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.76%

Target Compounds

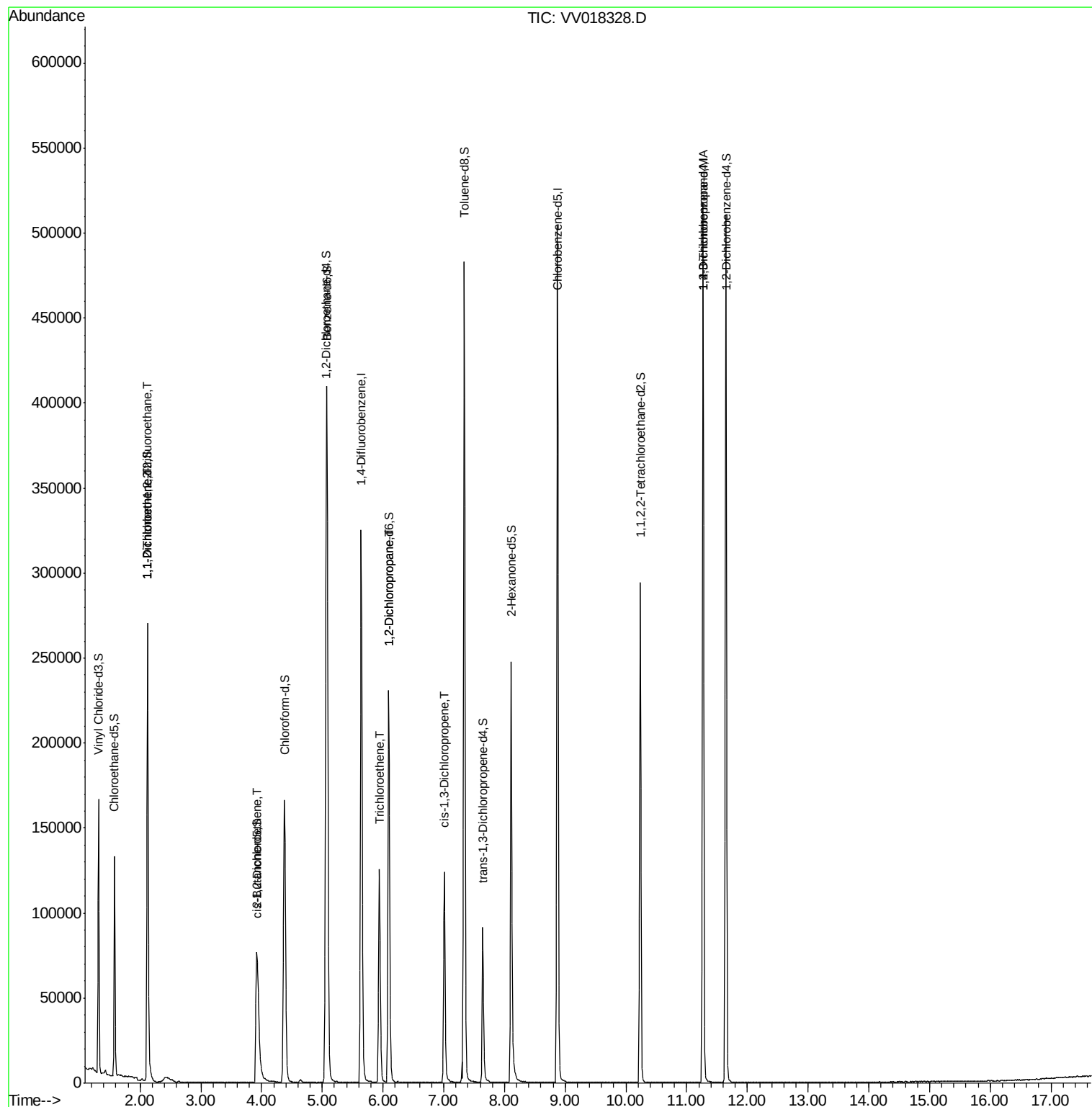
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1336	0.724 ug/L #	19
12) 1,1-Dichloroethene	2.13	96	3877	2.158 ug/L #	1
20) cis-1,2-Dichloroethene	3.94	96	2725	1.377 ug/L	80
34) Trichloroethene	5.94	95	43727	20.548 ug/L	99
37) 1,2-Dichloropropane	6.09	63	12157	5.873 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2876	0.902 ug/L #	60
59) 1,2,3-Trichloropropane	11.27	75	14881	6.112 ug/L	92

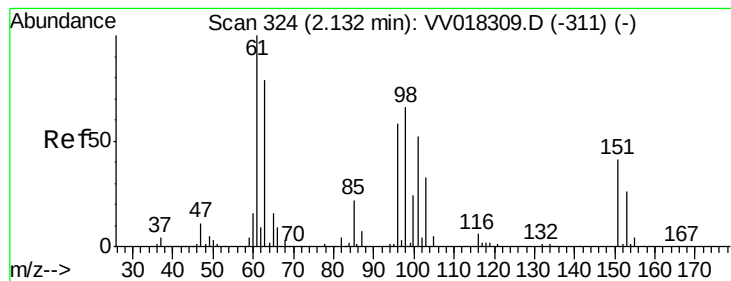
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Sep 19 01:35:10 2020
Response via : Initial Calibration





#10

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

Concen: 0.724 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018328.D

Acq: 18 Sep 2020 17:22

Instrument :

MSVOA_V

ClientSampleId :

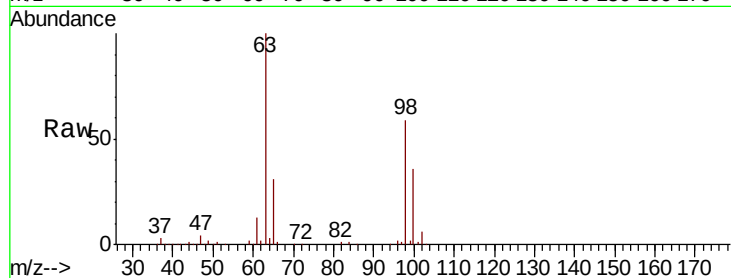
Tot Ion:101 Resp: 1336

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

151 0.0 62.2 93.2#

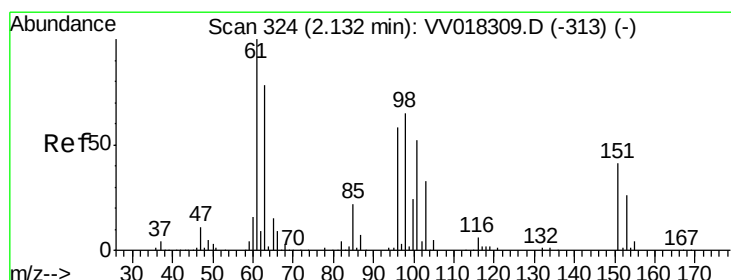
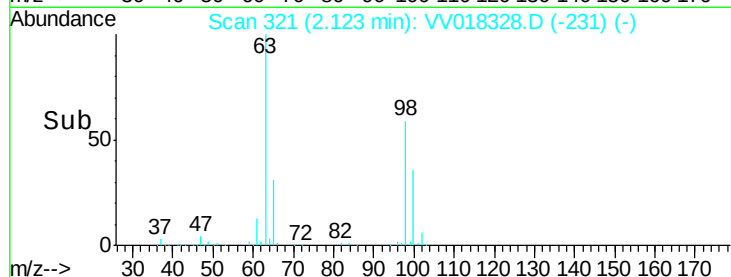
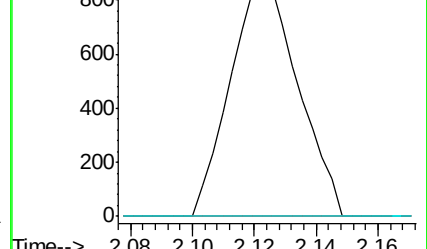


Abundance Ion 101.00 (100.70 to 101.70): VV018328.D (-231) (-)

Ion 85.00 (84.70 to 85.70): VV018328.D (-231) (-)

Ion 151.00 (150.70 to 151.70): VV018328.D (-231) (-)

Time-->



#12

1,1-Dichloroethene

Concen: 2.158 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV018328.D

Acq: 18 Sep 2020 17:22

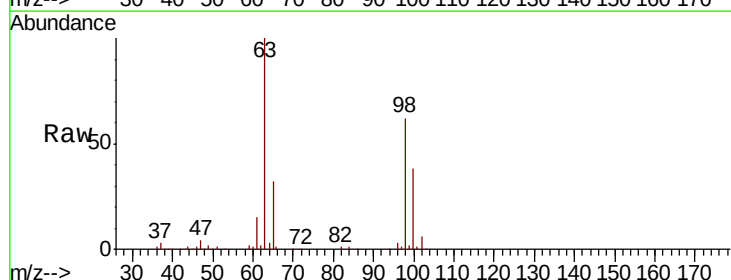
Tgt Ion: 96 Resp: 3877

Ion Ratio Lower Upper

96 100

61 506.4 122.9 228.3#

63 3399.4 91.9 170.7#

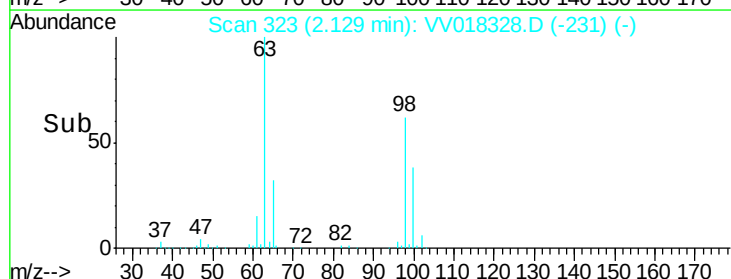
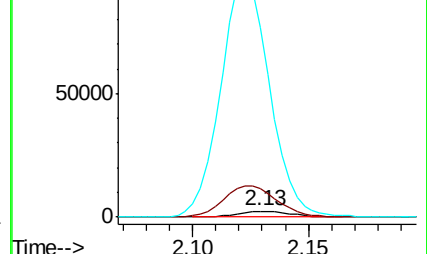


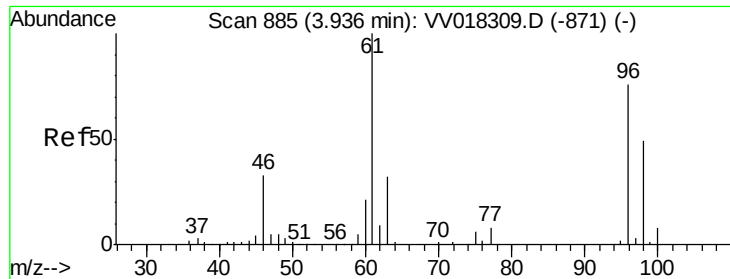
Abundance Ion 96.00 (95.70 to 96.70): VV018328.D (-231) (-)

Ion 61.00 (60.70 to 61.70): VV018328.D (-231) (-)

Ion 63.00 (62.70 to 63.70): VV018328.D (-231) (-)

Time-->

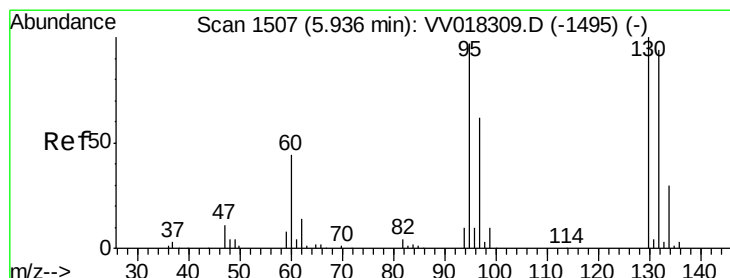
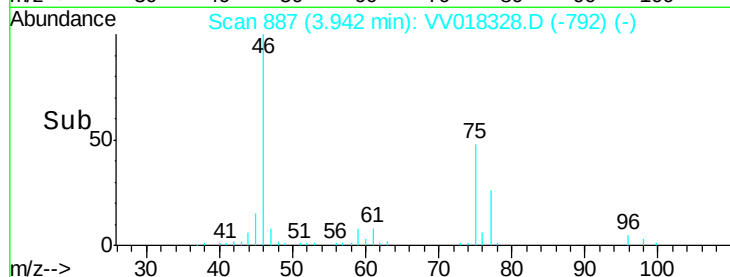
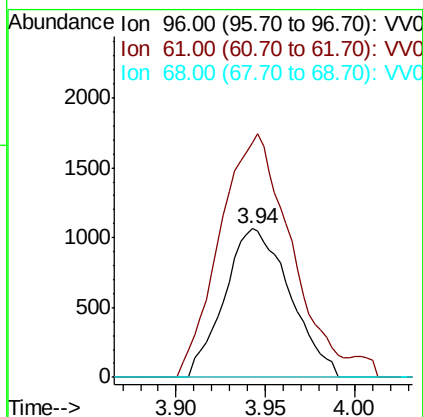
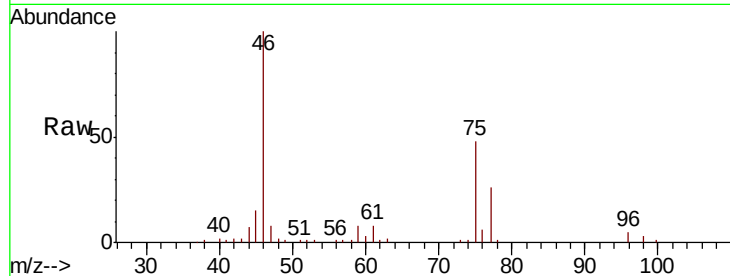




#20
 cis-1,2-Dichloroethene
 Concen: 1.377 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV018328.D
 Acq: 18 Sep 2020 17:22

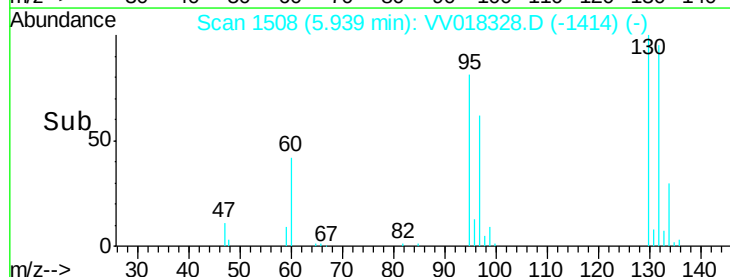
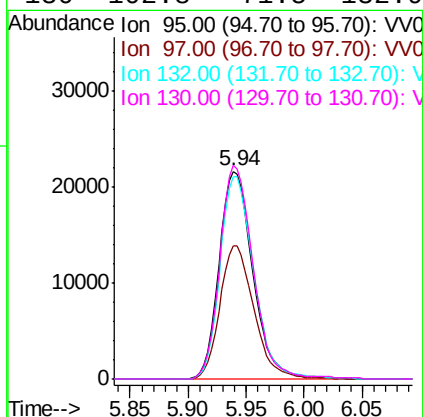
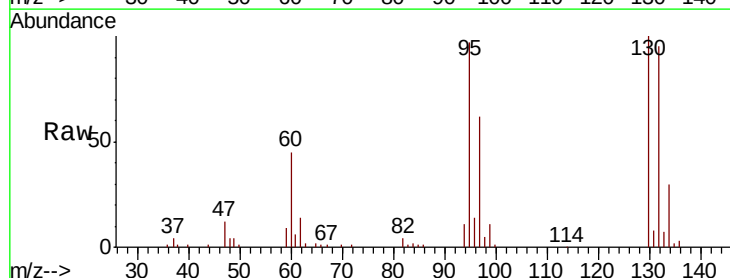
Instrument :
 MSVOA_V
 ClientSampled :

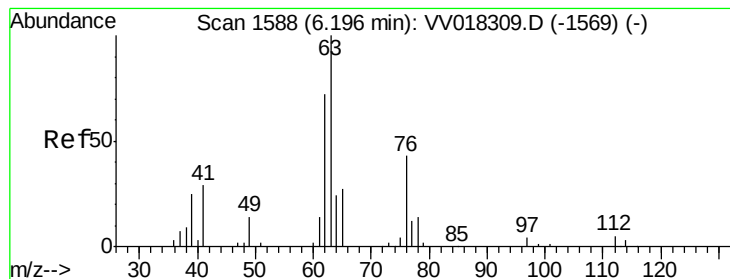
Tot Ion: 96 Resp: 2725
 Ion Ratio Lower Upper
 96 100
 61 157.9 93.6 173.8
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 20.548 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV018328.D
 Acq: 18 Sep 2020 17:22

Tgt Ion: 95 Resp: 43727
 Ion Ratio Lower Upper
 95 100
 97 63.9 46.3 85.9
 132 97.3 68.1 126.5
 130 102.8 71.5 132.9





#37

1,2-Dichloropropane

Concen: 5.873 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018328.D

Acq: 18 Sep 2020 17:22

Instrument :

MSVOA_V

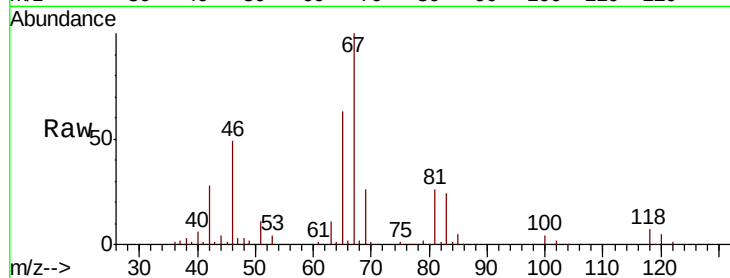
ClientSampleId :

Tot Ion: 63 Resp: 12157

Ion Ratio Lower Upper

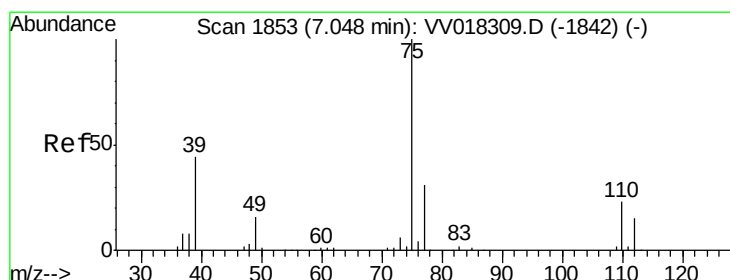
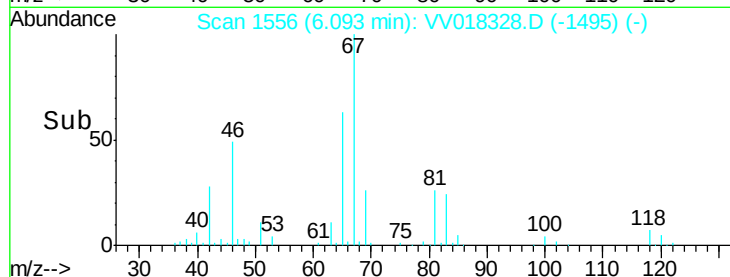
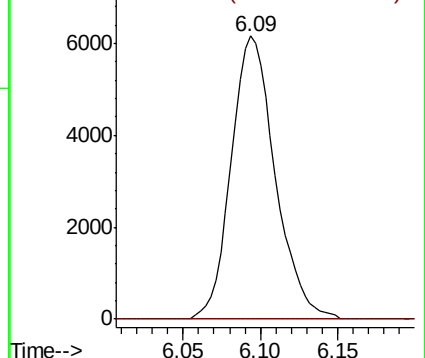
63 100

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: 0.902 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018328.D

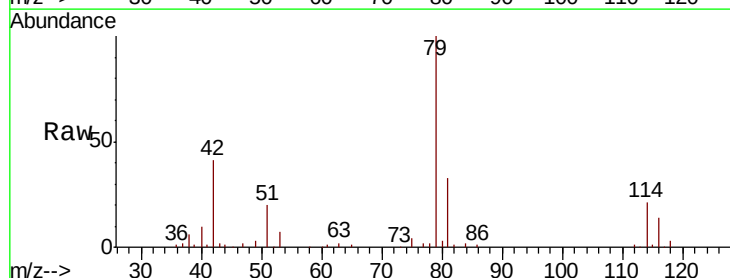
Acq: 18 Sep 2020 17:22

Tgt Ion: 75 Resp: 2876

Ion Ratio Lower Upper

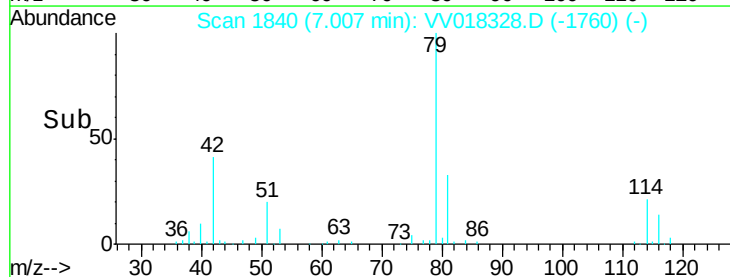
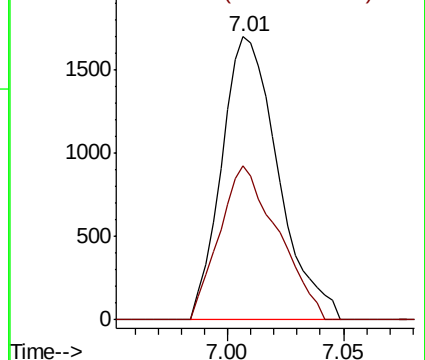
75 100

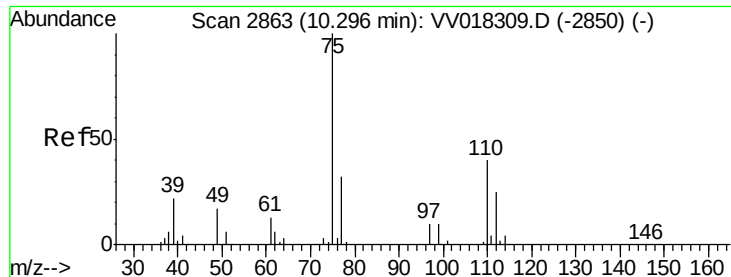
77 54.2 22.3 41.3#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#59

1,2,3-Trichloropropane

Concen: 6.112 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV018328.D

Acq: 18 Sep 2020 17:22

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 14881

Ion Ratio Lower Upper

75 100

77 36.8 25.8 38.6

