

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016481.D
 Acq On : 04 Jun 2020 01:39
 Operator : SY/MD
 Sample : L2849-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 04 05:37:45 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	349310	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	327761	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	151998	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	134352	54.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.60%
7) Chloroethane-d5	1.57	69	85386	47.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.62%
11) 1,1-Dichloroethene-d2	2.12	63	166100	37.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.74%
21) 2-Butanone-d5	3.90	46	176917	111.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.83%
24) Chloroform-d	4.38	84	231179	49.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.58%
26) 1,2-Dichloroethane-d4	5.05	65	163553	52.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.20%
32) Benzene-d6	5.07	84	470343	53.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.14%
36) 1,2-Dichloropropane-d6	6.09	67	145081	53.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.06%
41) Toluene-d8	7.34	98	415782	52.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.28%
43) trans-1,3-Dichloropropene-	7.64	79	61293	45.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.94%
47) 2-Hexanone-d5	8.11	63	133028	113.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.54%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	190588	51.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	163950	57.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.80%

Target Compounds

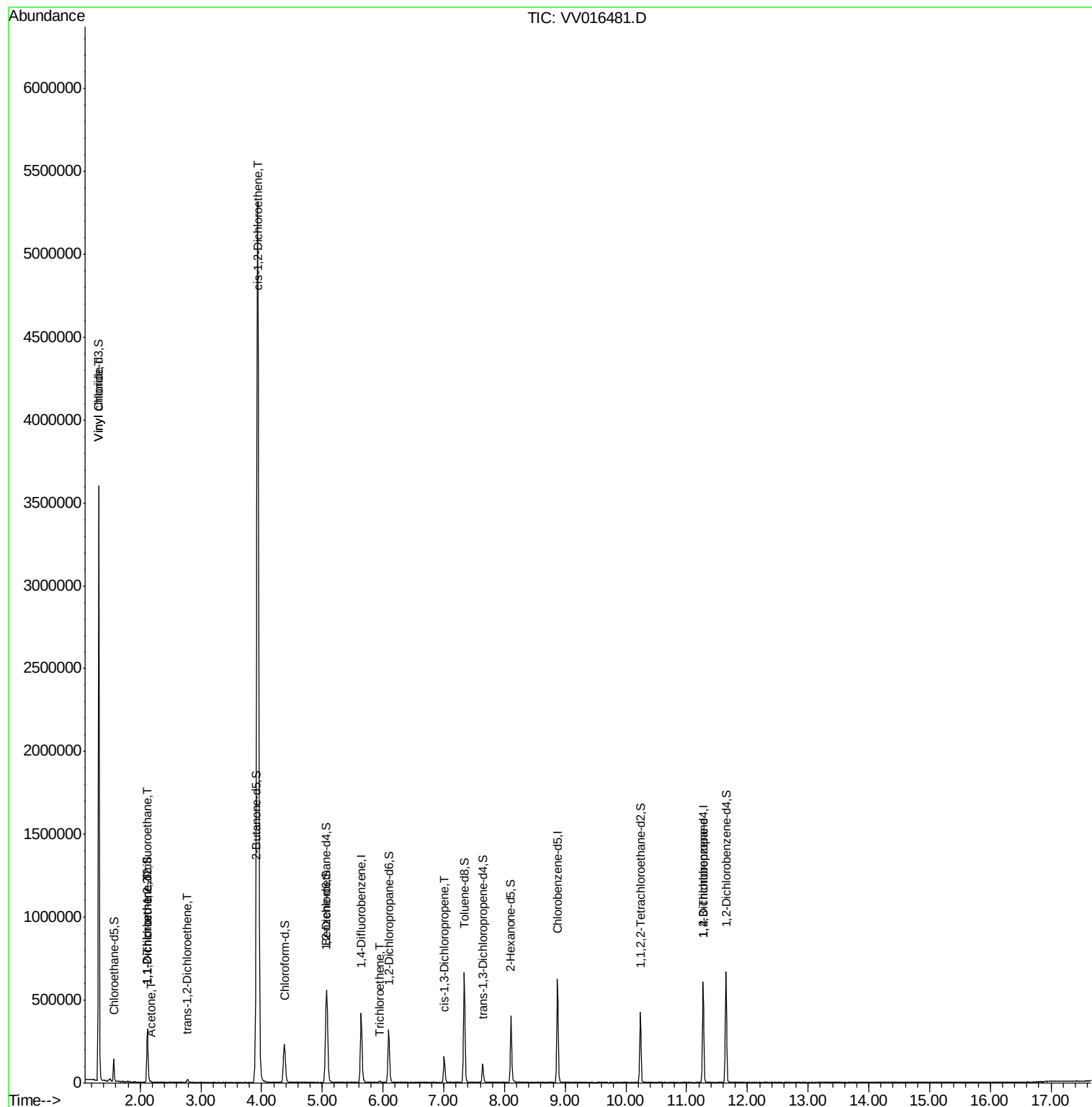
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	2038503	759.774	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1648	0.818	ug/L #	22
12) 1,1-Dichloroethene	2.13	96	7220	3.723	ug/L #	1
13) Acetone	2.17	43	4294	2.904	ug/L	93
17) trans-1,2-Dichloroethene	2.78	96	8036	3.284	ug/L	88
20) cis-1,2-Dichloroethene	3.94	96	2900703	1098.447	ug/L	100
34) Trichloroethene	5.94	95	2990	1.182	ug/L	86
39) cis-1,3-Dichloropropene	7.01	75	4211	1.149	ug/L	89
59) 1,2,3-Trichloropropane	11.27	75	18523	5.908	ug/L	89

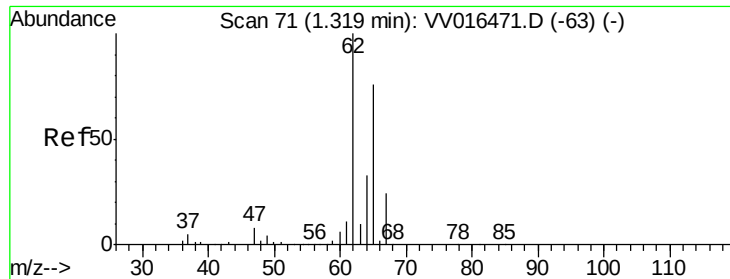
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jun 04 05:34:42 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 759.774 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016481.D

Acq: 04 Jun 2020 01:39

Instrument :

MSVOA_V

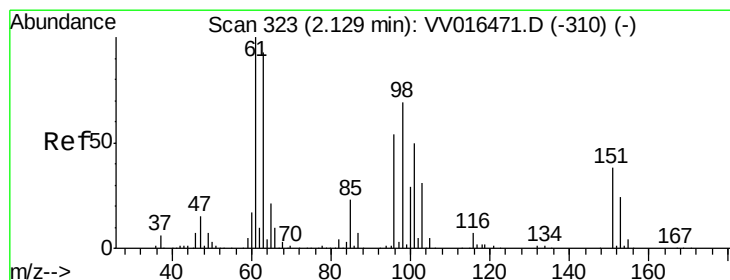
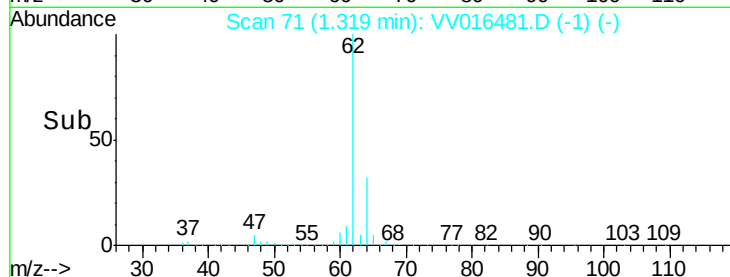
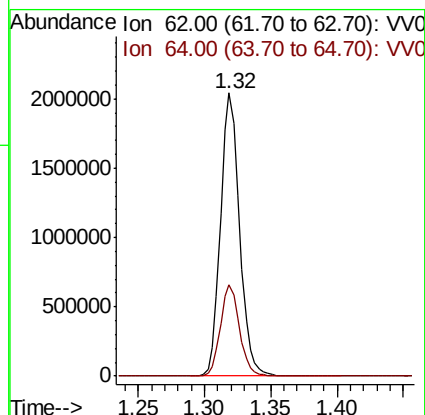
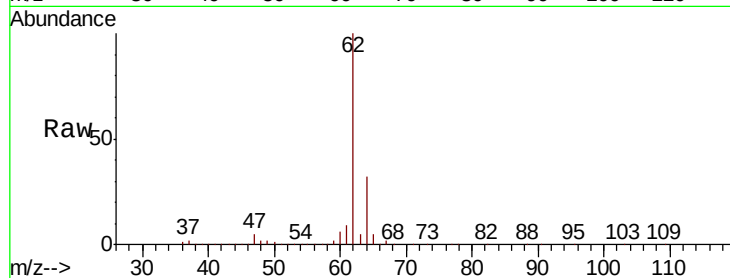
ClientSampleId :

Tot Ion: 62 Resp: 2038503

Ion Ratio Lower Upper

62 100

64 32.3 22.7 42.1



#10

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

Concen: 0.818 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016481.D

Acq: 04 Jun 2020 01:39

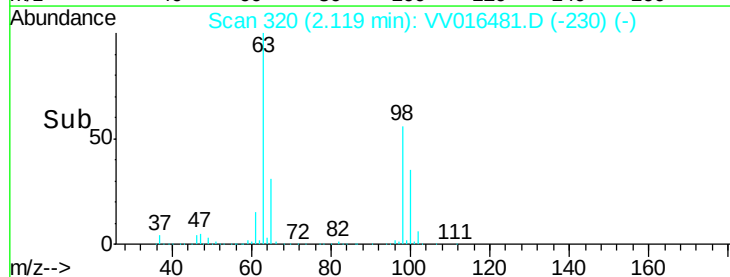
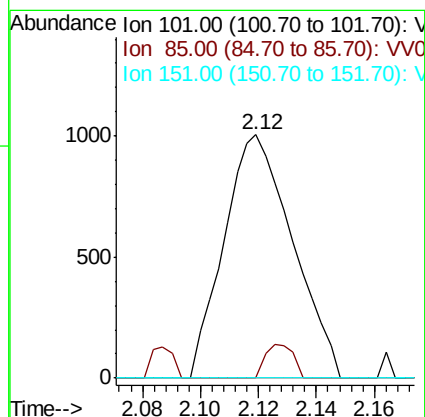
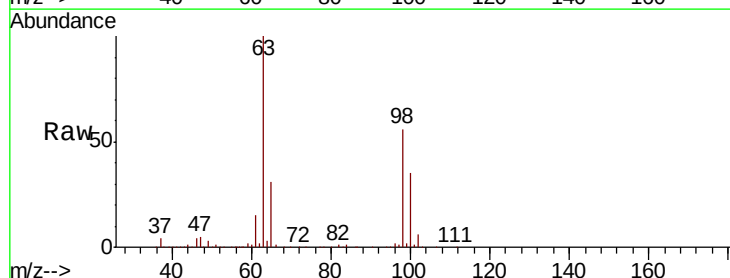
Tgt Ion:101 Resp: 1648

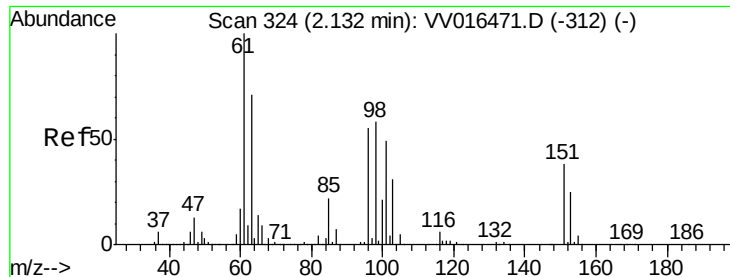
Ion Ratio Lower Upper

101 100

85 5.6 35.6 53.4#

151 0.0 61.8 92.8#

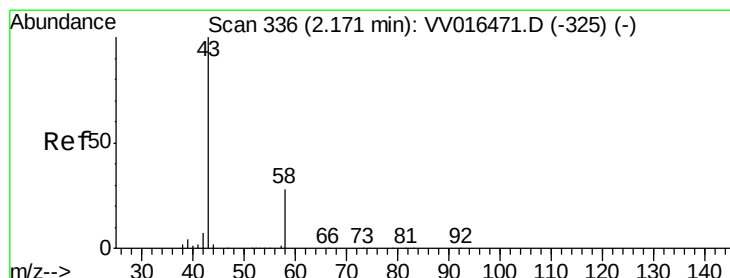
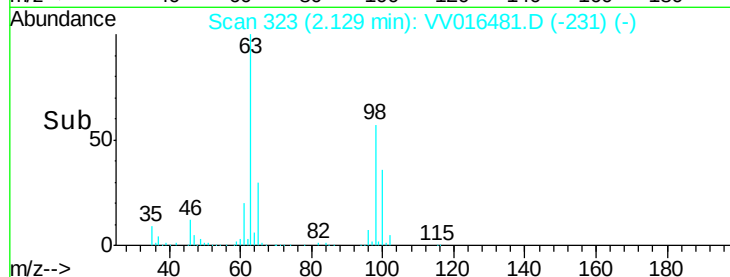
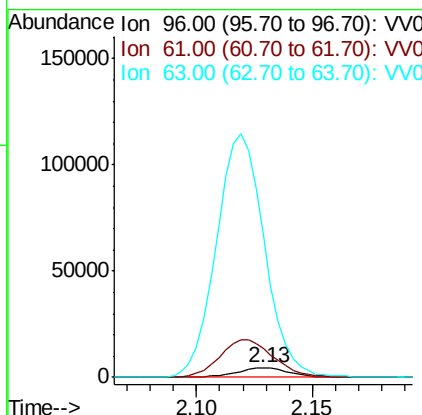
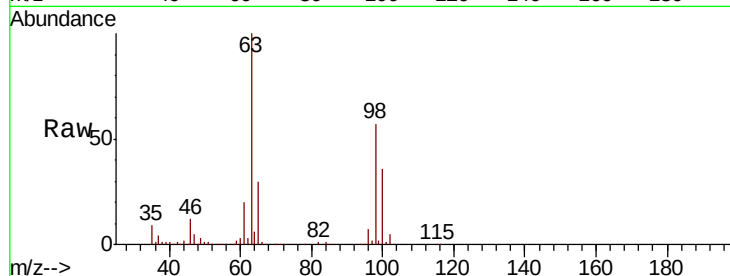




#12
 1,1-Dichloroethene
 Concen: 3.723 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.00 min
 Lab File: VV016481.D
 Acq: 04 Jun 2020 01:39

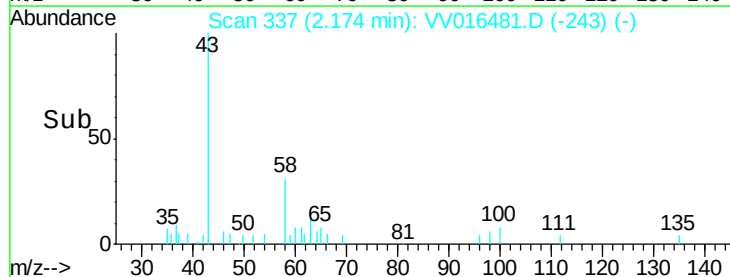
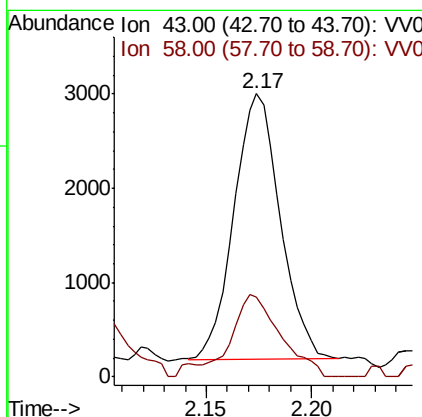
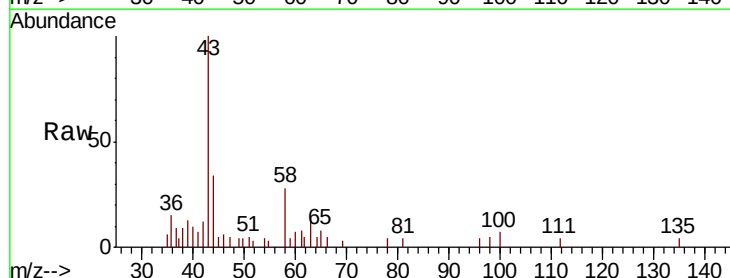
Instrument :
 MSVOA_V
 ClientSampled :

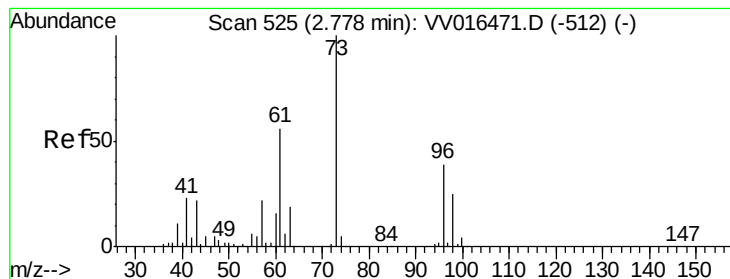
Tot Ion: 96 Resp: 7220
 Ion Ratio Lower Upper
 96 100
 61 285.1 125.5 233.1#
 63 1398.8 104.0 193.1#



#13
 Acetone
 Concen: 2.904 ug/L
 RT: 2.17 min Scan# 337
 Delta R.T. 0.00 min
 Lab File: VV016481.D
 Acq: 04 Jun 2020 01:39

Tgt Ion: 43 Resp: 4294
 Ion Ratio Lower Upper
 43 100
 58 32.3 0.0 57.2





#17

trans-1,2-Dichloroethene

Concen: 3.284 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV016481.D

Acq: 04 Jun 2020 01:39

Instrument :

MSVOA_V

ClientSampleId :

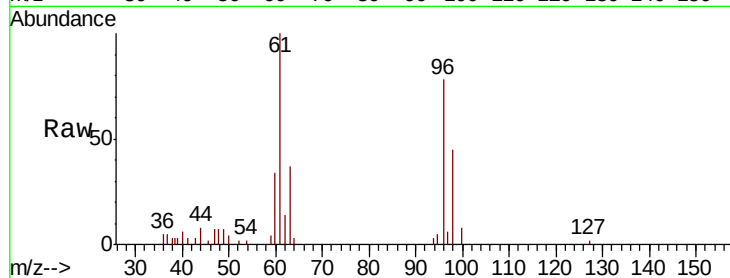
Tot Ion: 96 Resp: 8036

Ion Ratio Lower Upper

96 100

61 128.0 101.0 187.6

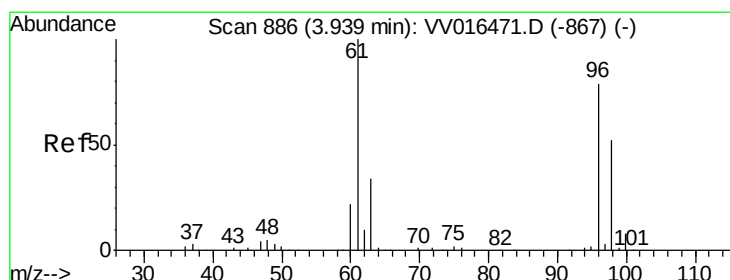
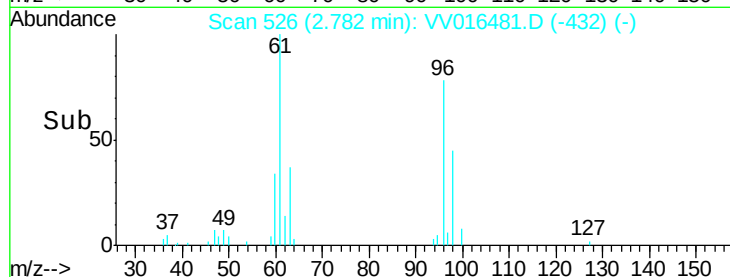
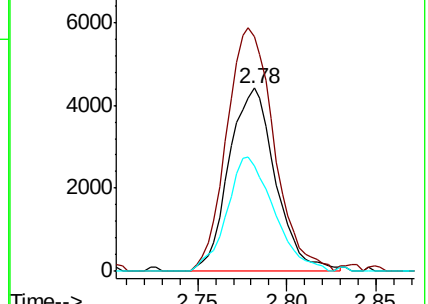
98 57.6 44.7 83.1



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 1098.447 ug/L

RT: 3.94 min Scan# 885

Delta R.T. -0.00 min

Lab File: VV016481.D

Acq: 04 Jun 2020 01:39

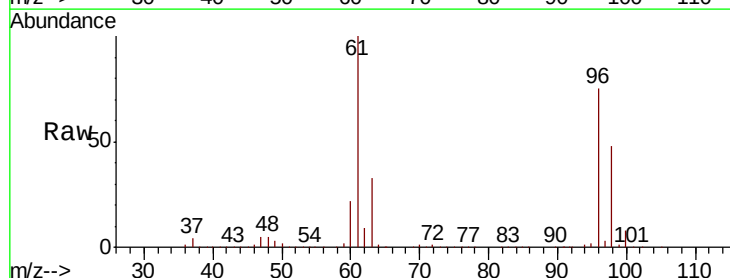
Tgt Ion: 96 Resp: 2900703

Ion Ratio Lower Upper

96 100

61 133.0 93.4 173.4

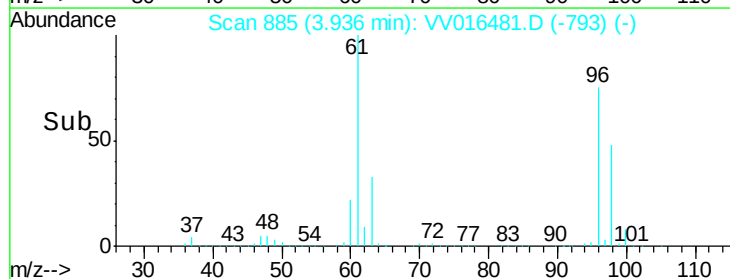
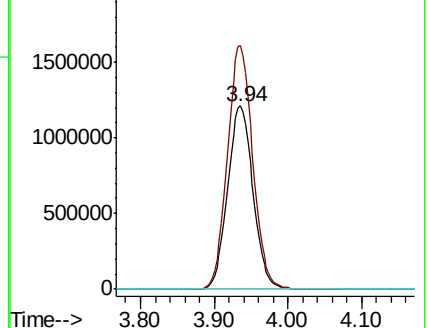
68 0.0 0.0 0.0

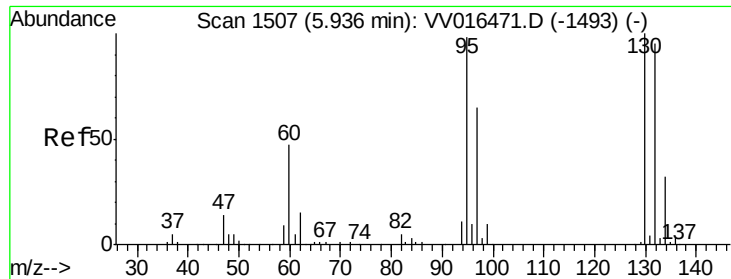


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#34

Trichloroethene

Concen: 1.182 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV016481.D

Acq: 04 Jun 2020 01:39

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 2990

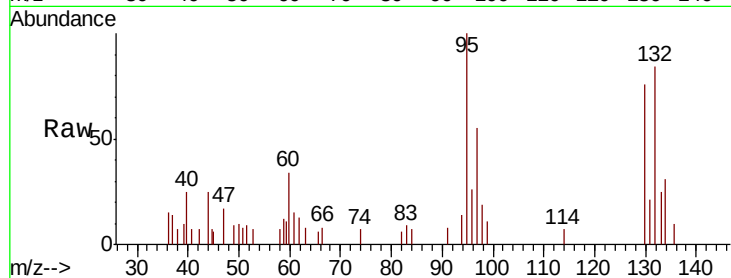
Ion Ratio Lower Upper

95 100

97 54.7 42.8 79.6

132 84.3 65.6 121.8

130 76.2 69.0 128.1



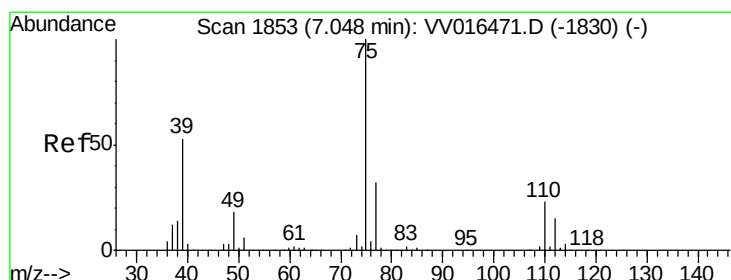
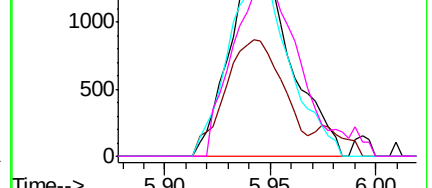
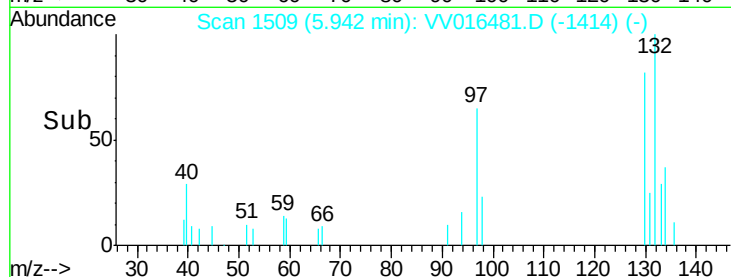
Abundance Ion 95.00 (94.70 to 95.70): VV016481.D (-1493) (-)

Ion 97.00 (96.70 to 97.70): VV016481.D (-1493) (-)

Ion 132.00 (131.70 to 132.70): VV016481.D (-1493) (-)

Ion 130.00 (129.70 to 130.70): VV016481.D (-1493) (-)

Time-->



#39

cis-1,3-Dichloropropene

Concen: 1.149 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV016481.D

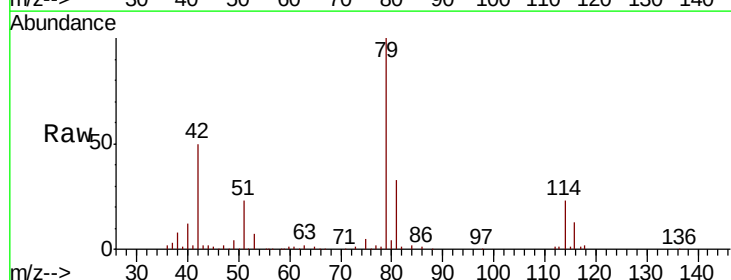
Acq: 04 Jun 2020 01:39

Tgt Ion: 75 Resp: 4211

Ion Ratio Lower Upper

75 100

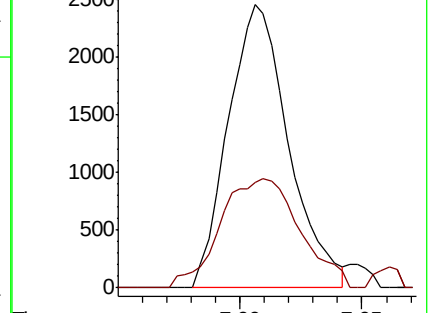
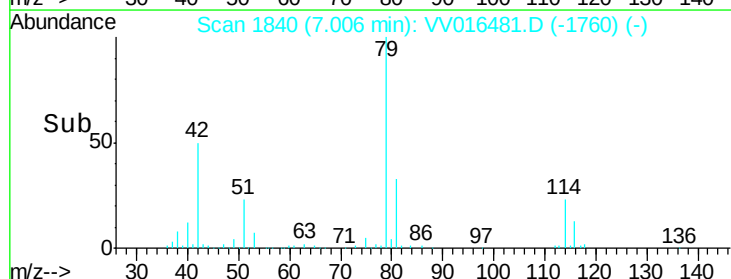
77 37.4 22.0 41.0

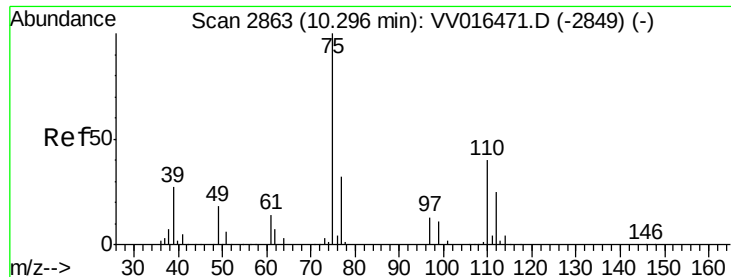


Abundance Ion 75.00 (74.70 to 75.70): VV016481.D (-1830) (-)

Ion 77.00 (76.70 to 77.70): VV016481.D (-1830) (-)

Time-->





#59

1,2,3-Trichloropropane

Concen: 5.908 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016481.D

Acq: 04 Jun 2020 01:39

Instrument :

MSVOA_V

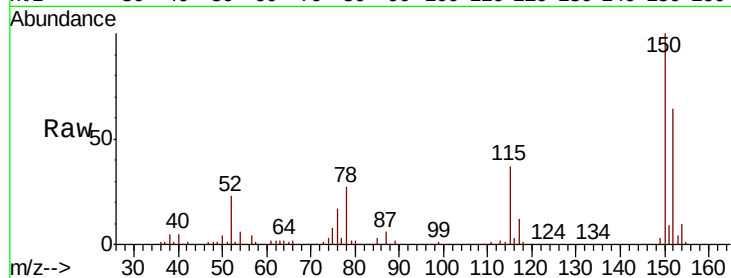
ClientSampleId :

Tot Ion: 75 Resp: 18523

Ion Ratio Lower Upper

75 100

77 39.6 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

