

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 :
 ETP7

Quant Time: Jun 04 06:27:13 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

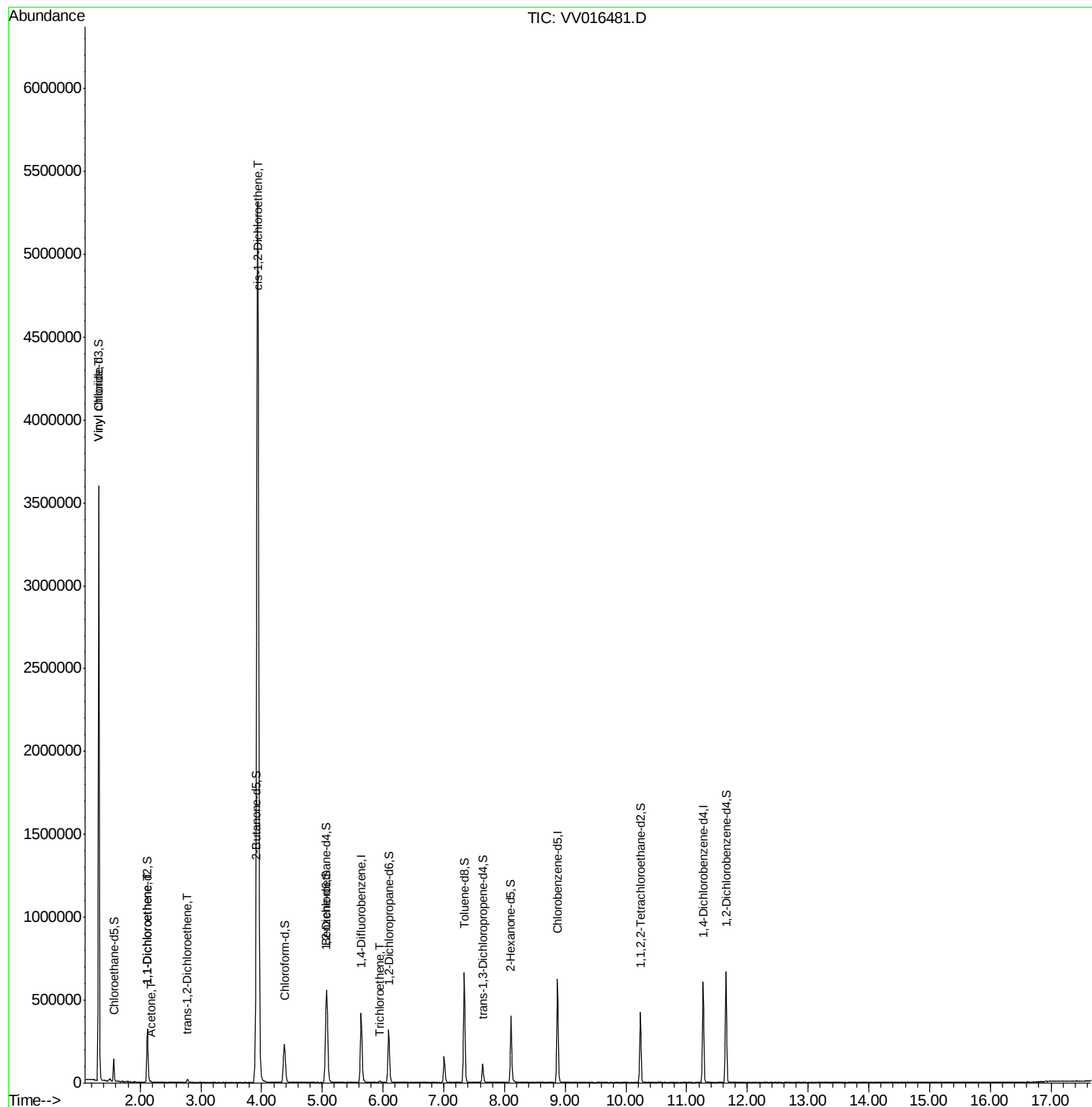
					Ovalue
5) Vinyl chloride	1.32	62	2038503	759.774	ug/L 100
12) 1,1-Dichloroethene	2.13	96	7220	3.723	ug/L # 1
13) Acetone	2.17	43	4294	2.904	ug/L 93
17) trans-1,2-Dichloroethene	2.78	96	8036	3.284	ug/L 88
20) cis-1,2-Dichloroethene	3.94	96	2900703	1098.447	ug/L 100
34) Trichloroethene	5.94	95	2990	1.182	ug/L 86

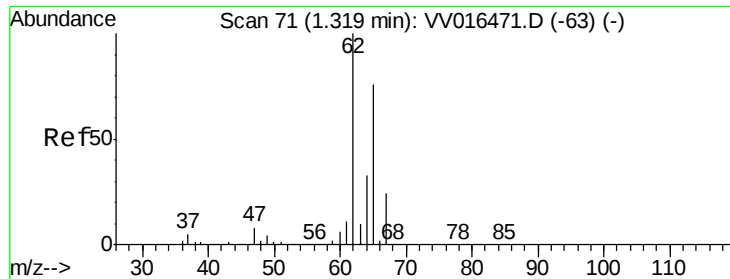
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

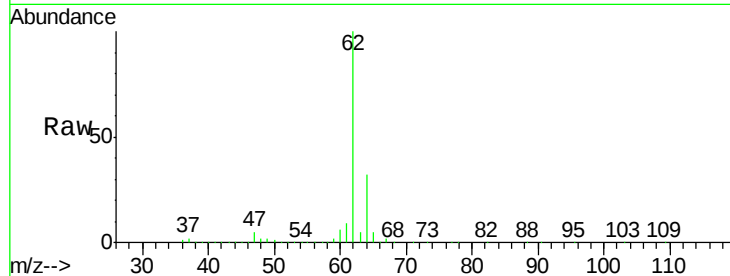
ETTP7

Tot Ion: 62 Resp: 2038503

Ion Ratio Lower Upper

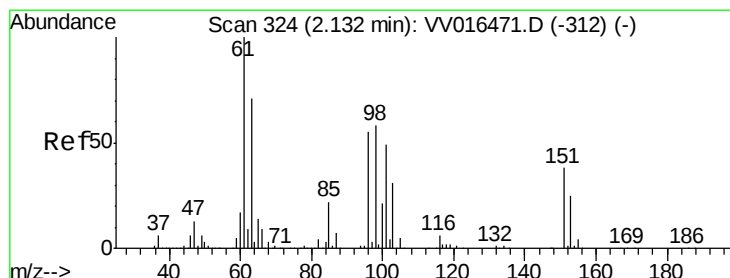
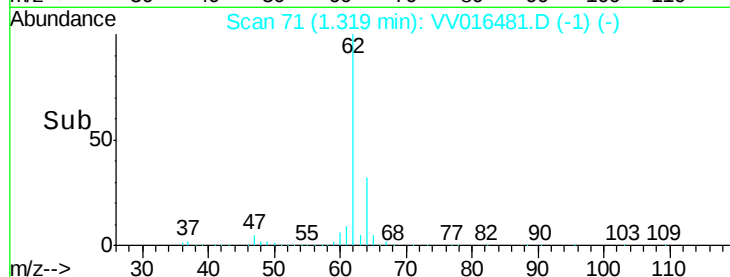
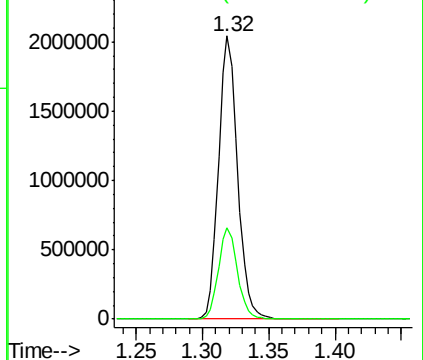
62 100

64 32.3 22.7 42.1



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#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

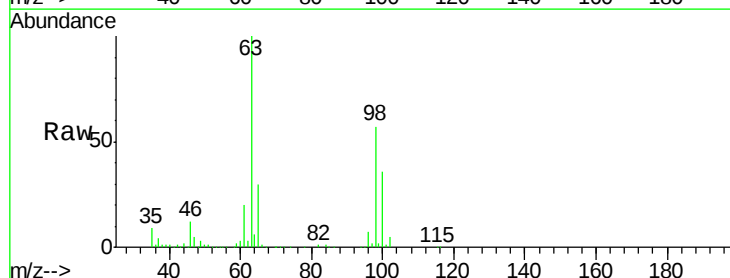
Tgt Ion: 96 Resp: 7220

Ion Ratio Lower Upper

96 100

61 285.1 125.5 233.1#

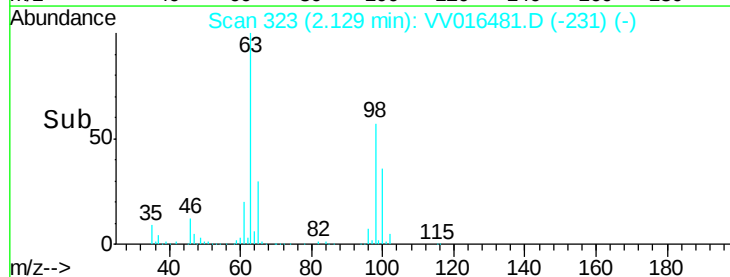
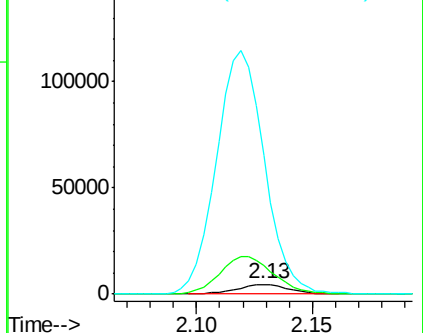
63 1398.8 104.0 193.1#

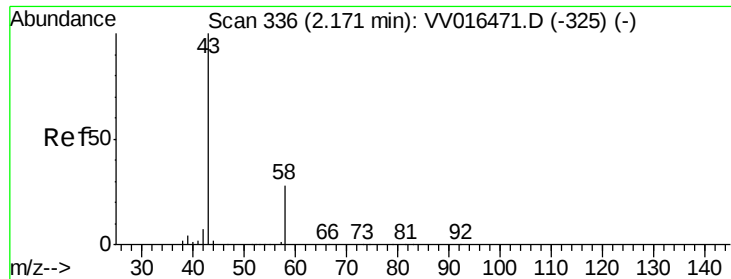


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#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

Instrument :

MSVOA_V

ClientSampleId :

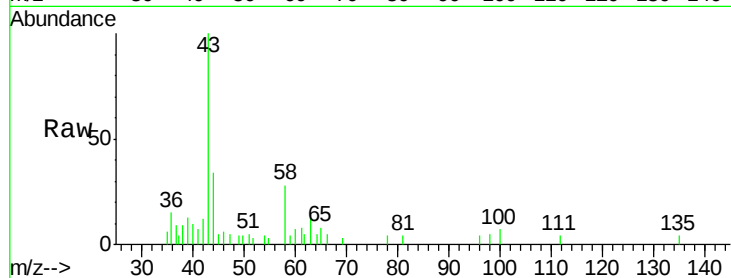
ETTP7

Tot Ion: 43 Resp: 4294

Ion Ratio Lower Upper

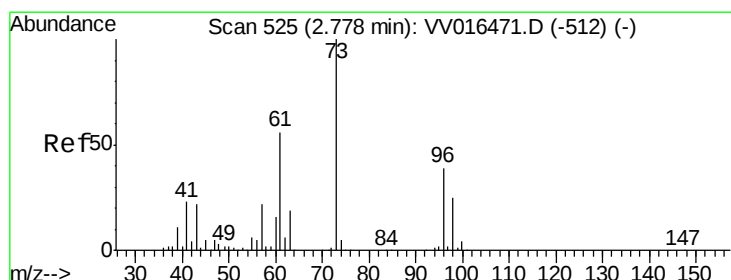
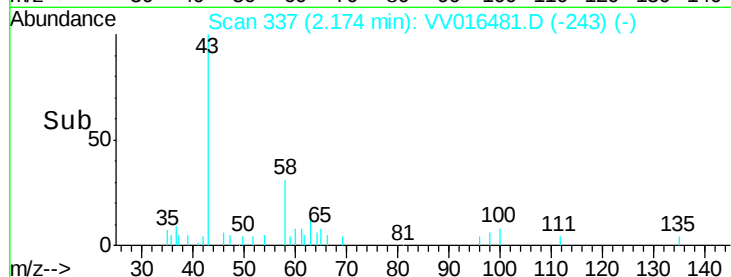
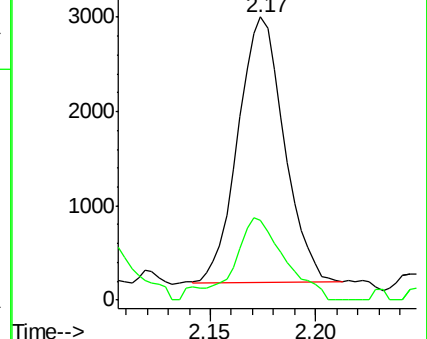
43 100

58 32.3 0.0 57.2



Abundance Ion 43.00 (42.70 to 43.70): VV016481.D (-243) (-)

Ion 58.00 (57.70 to 58.70): VV016481.D (-243) (-)



#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

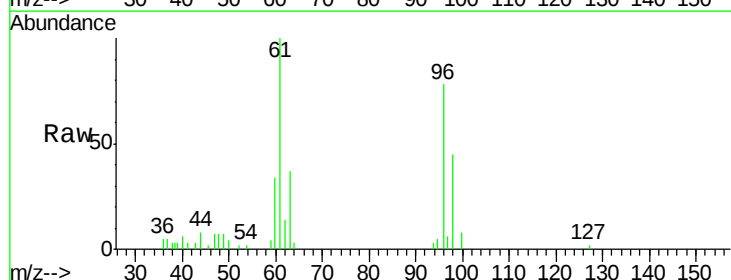
Tgt Ion: 96 Resp: 8036

Ion Ratio Lower Upper

96 100

61 128.0 101.0 187.6

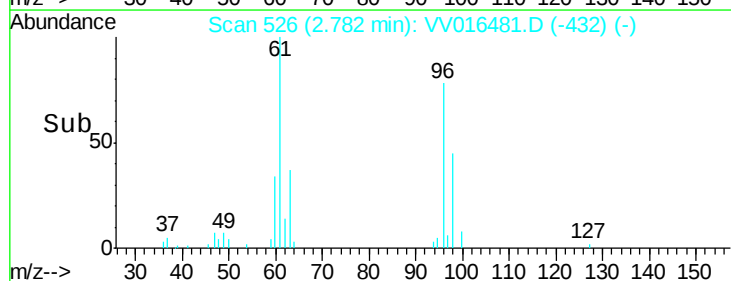
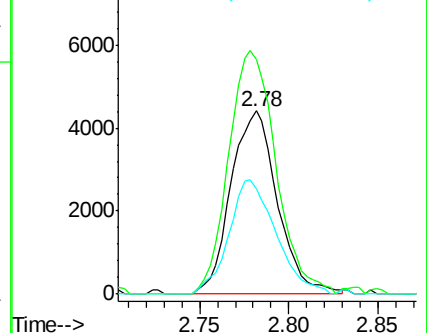
98 57.6 44.7 83.1

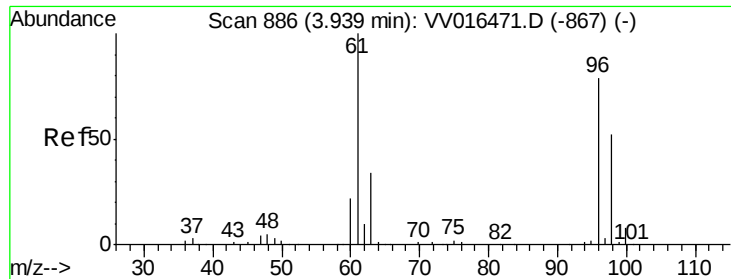


Abundance Ion 96.00 (95.70 to 96.70): VV016481.D (-432) (-)

Ion 61.00 (60.70 to 61.70): VV016481.D (-432) (-)

Ion 98.00 (97.70 to 98.70): VV016481.D (-432) (-)

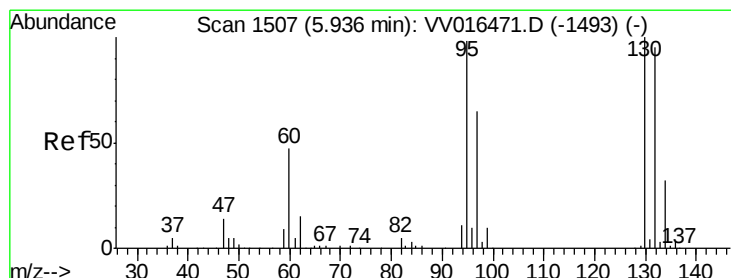
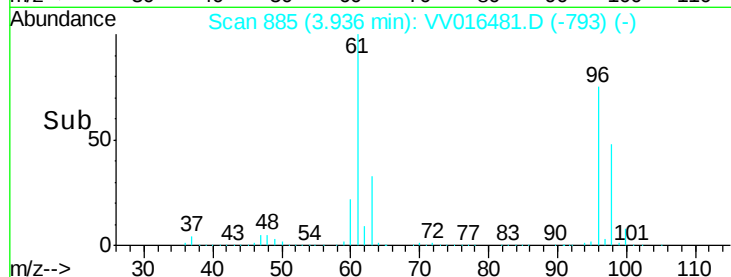
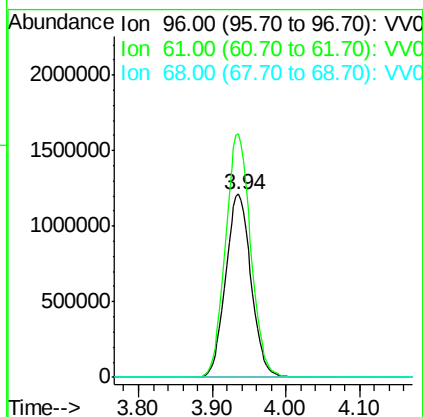
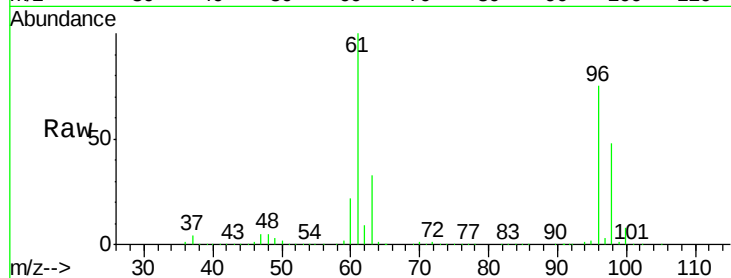




#20
cis-1,2-Dichloroethene
Concen: 1098.447 ug/L
RT: 3.94 min Scan# 885
Delta R.T. -0.00 min
Lab File: VV016481.D
Acq: 04 Jun 2020 01:39

Instrument :
MSVOA_V
ClientSampleId :
ETTP7

Tot Ion: 96 Resp: 2900703
Ion Ratio Lower Upper
96 100
61 133.0 93.4 173.4
68 0.0 0.0 0.0



#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

Tgt 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

