

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016480.D
 Acq On : 04 Jun 2020 01:16
 Operator : SY/MD
 Sample : L2849-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETP6

Quant Time: Jun 04 06:18:53 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	358208	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	342732	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	159478	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	134107	52.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.72%
7) Chloroethane-d5	1.57	69	87708	47.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.78%
11) 1,1-Dichloroethene-d2	2.12	63	163572	36.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.74%
21) 2-Butanone-d5	3.90	46	176938	109.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.07%
24) Chloroform-d	4.38	84	229160	48.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.26%
26) 1,2-Dichloroethane-d4	5.05	65	161195	50.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.12%
32) Benzene-d6	5.07	84	465179	50.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.34%
36) 1,2-Dichloropropane-d6	6.09	67	143582	50.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.38%
41) Toluene-d8	7.34	98	416216	49.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.84%
43) trans-1,3-Dichloropropene-	7.64	79	59346	42.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.14%
47) 2-Hexanone-d5	8.11	63	132183	107.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.89%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	190936	49.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.42%
64) 1,2-Dichlorobenzene-d4	11.65	152	166454	55.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.08%

Target Compounds

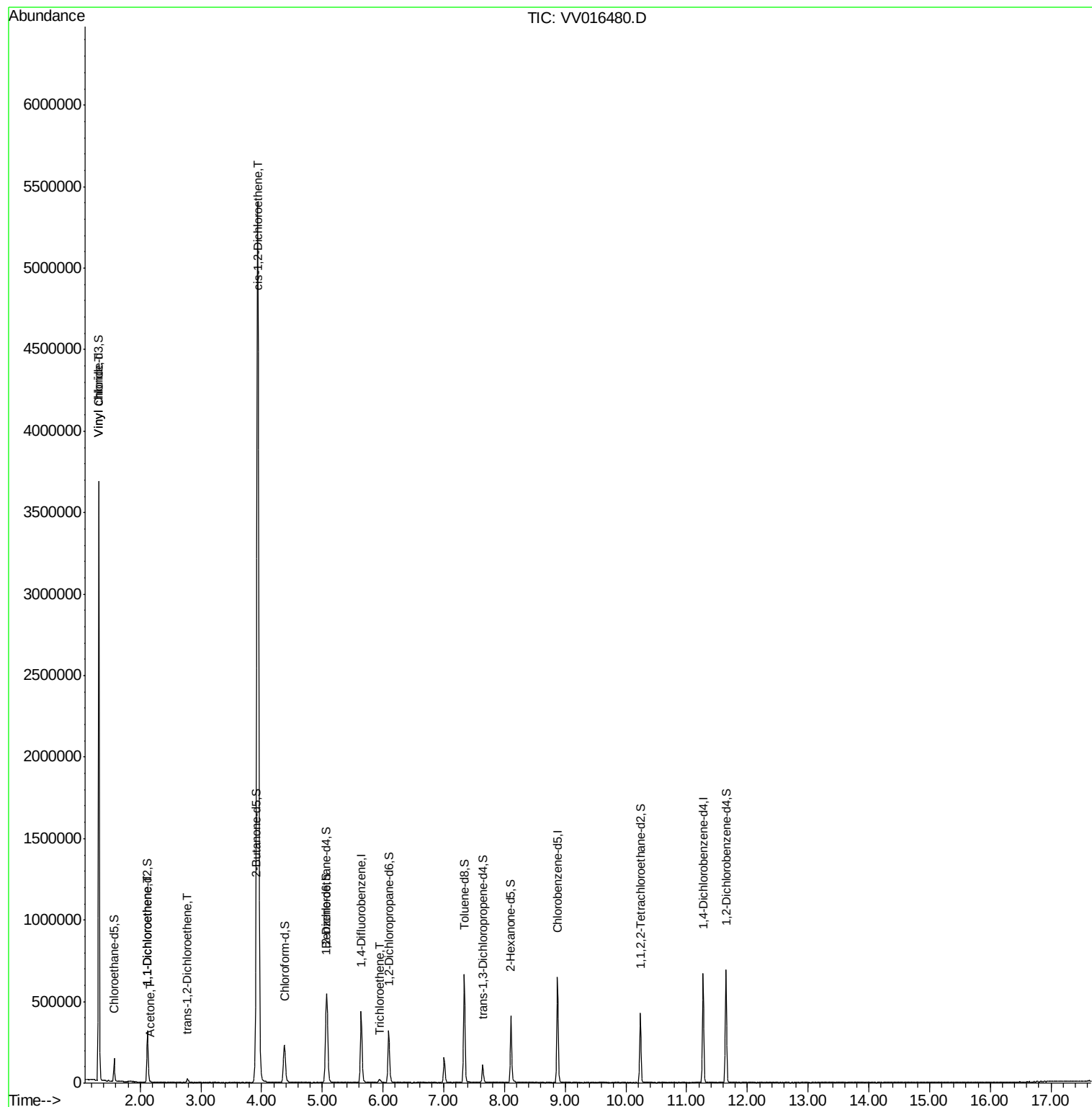
					Ovalue
5) Vinyl chloride	1.32	62	2070176	752.412	ug/L 100
12) 1,1-Dichloroethene	2.13	96	7219	3.630	ug/L # 1
13) Acetone	2.17	43	4765	3.143	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	8995	3.585	ug/L 91
20) cis-1,2-Dichloroethene	3.94	96	2957592	1092.169	ug/L 99
34) Trichloroethene	5.94	95	6735	2.546	ug/L 94

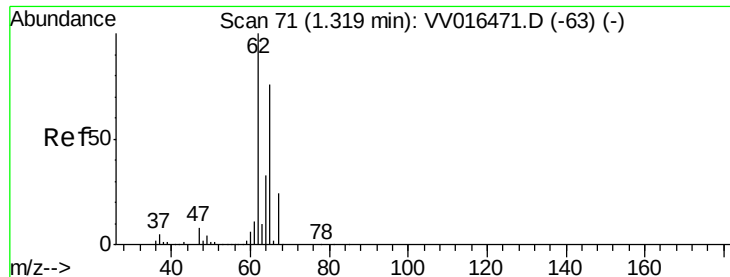
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 752.412 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV016480.D

Acq: 04 Jun 2020 01:16

Instrument :

MSVOA_V

ClientSampleId :

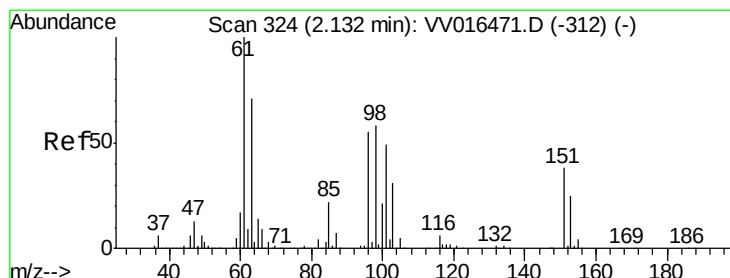
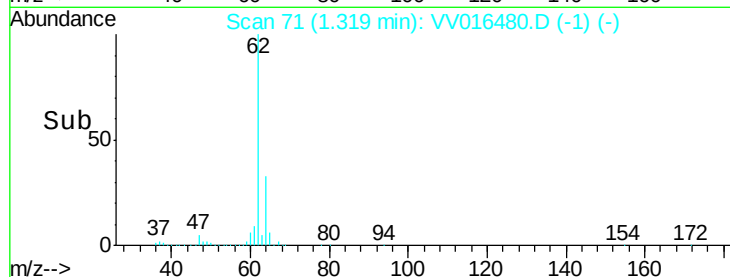
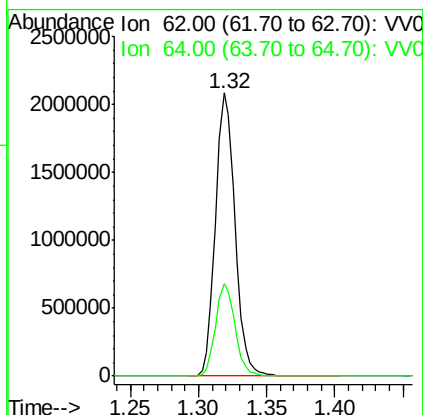
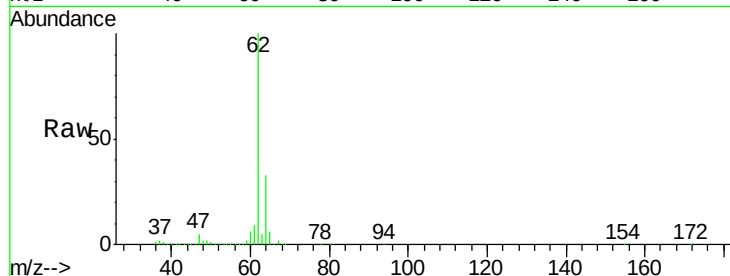
ETTP6

Tot Ion: 62 Resp: 2070176

Ion Ratio Lower Upper

62 100

64 32.6 22.7 42.1



#12

1,1-Dichloroethene

Concen: 3.630 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV016480.D

Acq: 04 Jun 2020 01:16

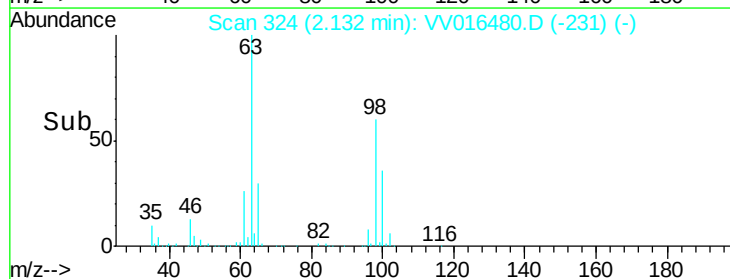
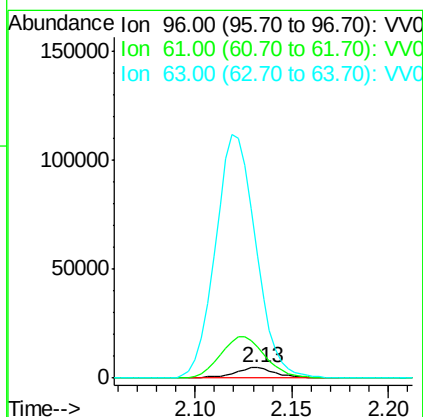
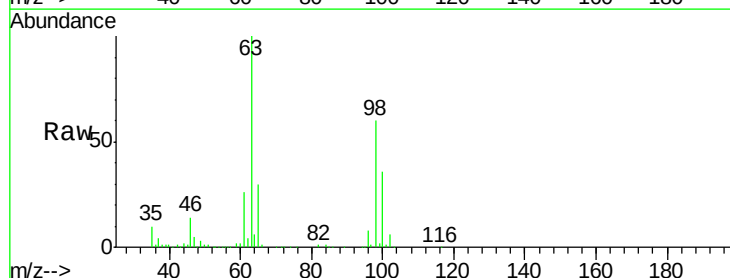
Tgt Ion: 96 Resp: 7219

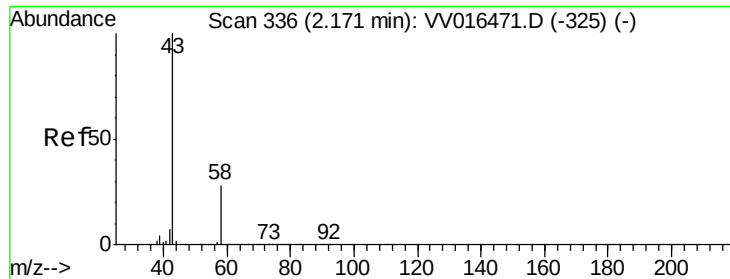
Ion Ratio Lower Upper

96 100

61 302.2 125.5 233.1#

63 1184.3 104.0 193.1#





#13

Acetone

Concen: 3.143 ug/L

RT: 2.17 min Scan# 336

Delta R.T. -0.00 min

Lab File: VV016480.D

Acq: 04 Jun 2020 01:16

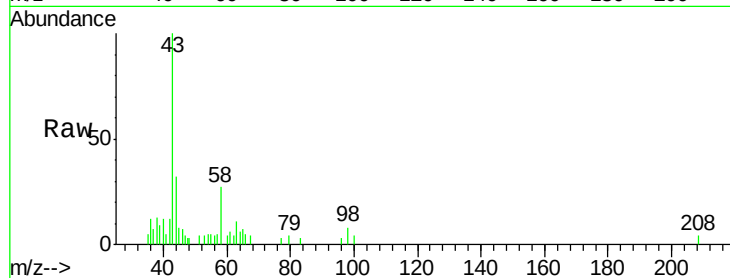
Instrument :
MSVOA_V
ClientSampleId :
ETTP6

Tot Ion: 43 Resp: 4765

Ion Ratio Lower Upper

43 100

58 27.8 0.0 57.2



Abundance Ion 43.00 (42.70 to 43.70): VV016480.D (-243) (-)

Ion 58.00 (57.70 to 58.70): VV016480.D (-243) (-)

2.17

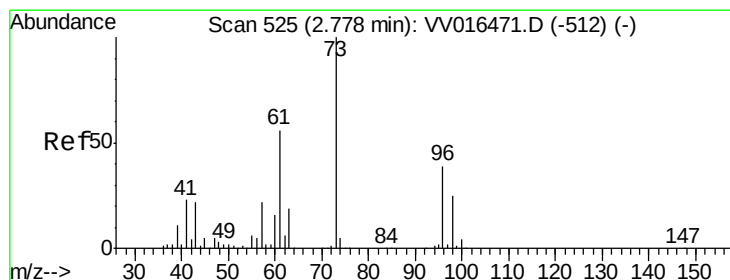
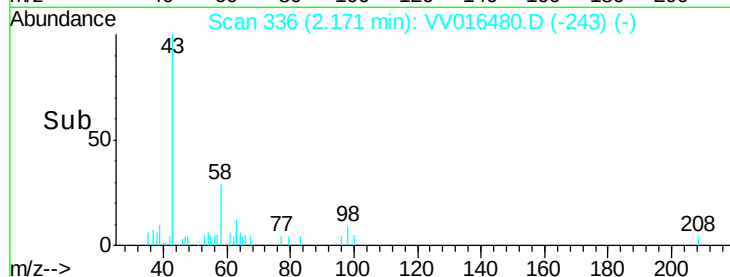
3000

2000

1000

0

Time--> 2.10 2.15 2.20 2.25



#17

trans-1,2-Dichloroethene

Concen: 3.585 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV016480.D

Acq: 04 Jun 2020 01:16

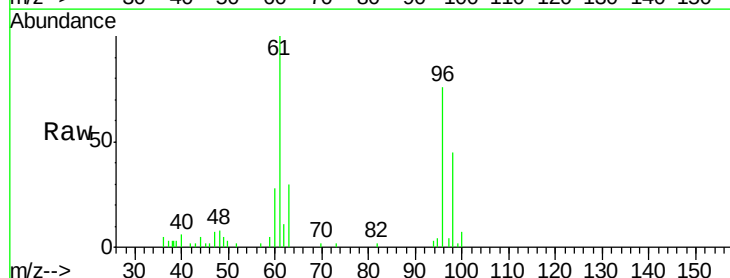
Tgt Ion: 96 Resp: 8995

Ion Ratio Lower Upper

96 100

61 132.2 101.0 187.6

98 59.0 44.7 83.1



Abundance Ion 96.00 (95.70 to 96.70): VV016480.D (-432) (-)

Ion 61.00 (60.70 to 61.70): VV016480.D (-432) (-)

Ion 98.00 (97.70 to 98.70): VV016480.D (-432) (-)

2.78

8000

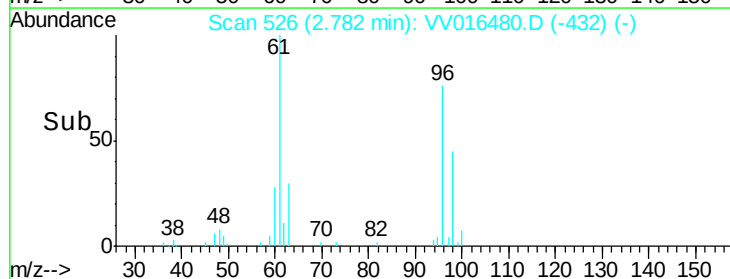
6000

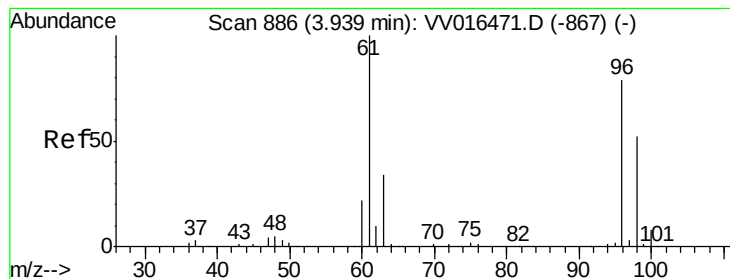
4000

2000

0

Time--> 2.75 2.80 2.85



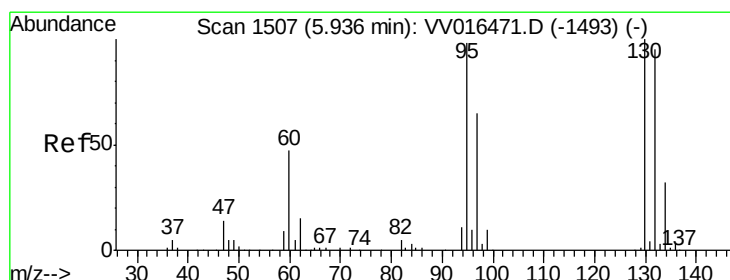
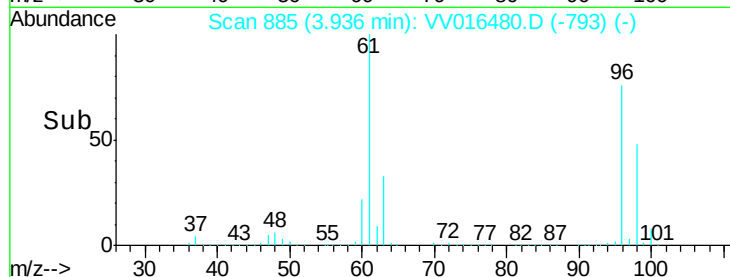
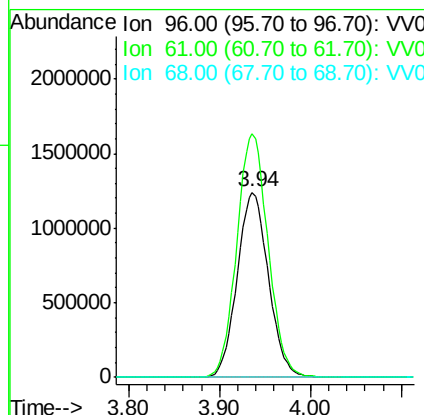
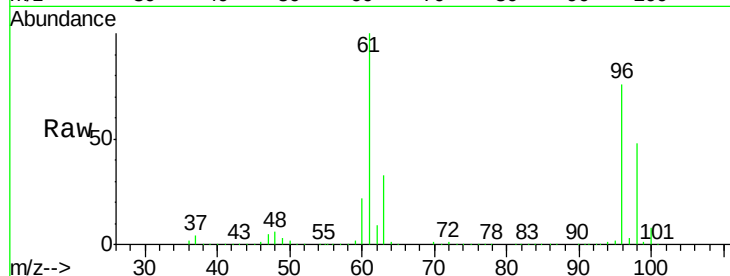


#20

cis-1,2-Dichloroethene
Concen: 1092.169 ug/L
RT: 3.94 min Scan# 885
Delta R.T. -0.00 min
Lab File: VV016480.D
Acq: 04 Jun 2020 01:16

Instrument :
MSVOA_V
ClientSampleId :
ETTP6

Tot Ion: 96 Resp: 2957592
Ion Ratio Lower Upper
96 100
61 131.7 93.4 173.4
68 0.0 0.0 0.0



#34

Trichloroethene
Concen: 2.546 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV016480.D
Acq: 04 Jun 2020 01:16

Tgt Ion: 95 Resp: 6735
Ion Ratio Lower Upper
95 100
97 58.0 42.8 79.6
132 88.8 65.6 121.8
130 91.5 69.0 128.1

