

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016607.D
 Acq On : 06 Jun 2020 23:23
 Operator : SY/MD
 Sample : L2875-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTS7

Quant Time: Jun 07 01:27:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Jun 07 01:25:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	370432	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	348028	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	162300	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	159426	60.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	121.52%
7) Chloroethane-d5	1.56	69	86198	45.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.02%
11) 1,1-Dichloroethene-d2	2.12	63	166940	35.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.78%
21) 2-Butanone-d5	3.90	46	202573	120.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.75%
24) Chloroform-d	4.37	84	249730	50.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.44%
26) 1,2-Dichloroethane-d4	5.06	65	176021	53.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.78%
32) Benzene-d6	5.07	84	499309	53.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.12%
36) 1,2-Dichloropropane-d6	6.09	67	157646	54.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.54%
41) Toluene-d8	7.34	98	446098	52.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.38%
43) trans-1,3-Dichloropropene-	7.64	79	73887	52.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.38%
47) 2-Hexanone-d5	8.11	63	147413	118.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.49%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	204642	51.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.88%
64) 1,2-Dichlorobenzene-d4	11.65	152	176966	58.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.04%

Target Compounds

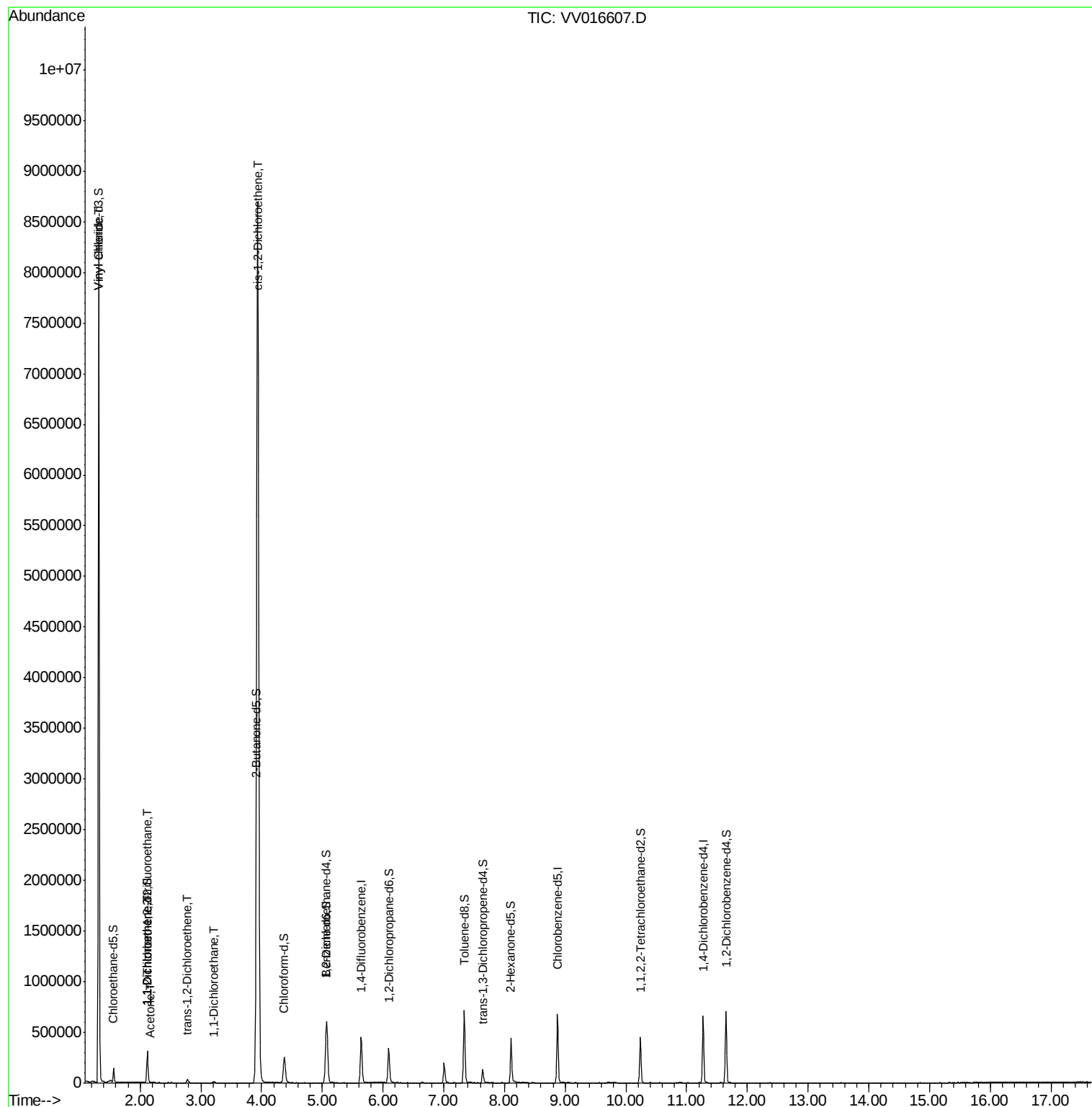
					Ovalue
5) Vinyl chloride	1.32	62	5047499	1773.992	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1488	0.696	ug/L # 22
12) 1,1-Dichloroethene	2.13	96	4203	2.044	ug/L # 1
13) Acetone	2.17	43	1792	1.143	ug/L 88
17) trans-1,2-Dichloroethene	2.78	96	12244	4.719	ug/L 95
19) 1,1-Dichloroethane	3.22	63	11401	2.376	ug/L 95
20) cis-1,2-Dichloroethene	3.94	96	4744413	1694.184	ug/L # 99

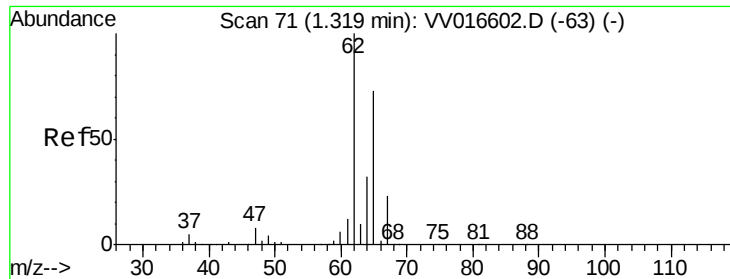
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1773.992 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016607.D

Acq: 06 Jun 2020 23:23

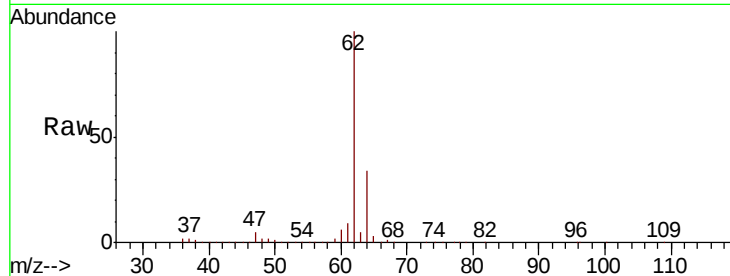
Instrument :
MSVOA_V
ClientSampleId :
ETTS7

Tot Ion: 62 Resp: 5047499

Ion Ratio Lower Upper

62 100

64 33.6 22.7 42.1



Abundance Ion 62.00 (61.70 to 62.70): VV016607.D (-63) (-)

Ion 64.00 (63.70 to 64.70): VV016607.D (-63) (-)

1.32

5000000

4000000

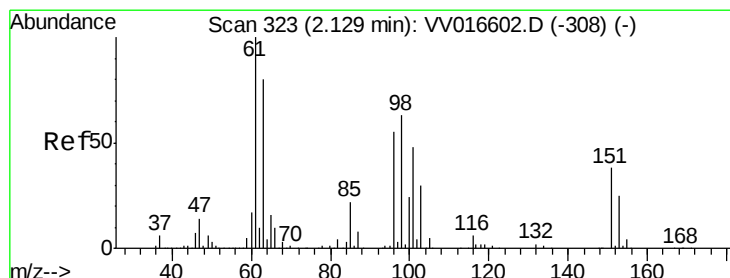
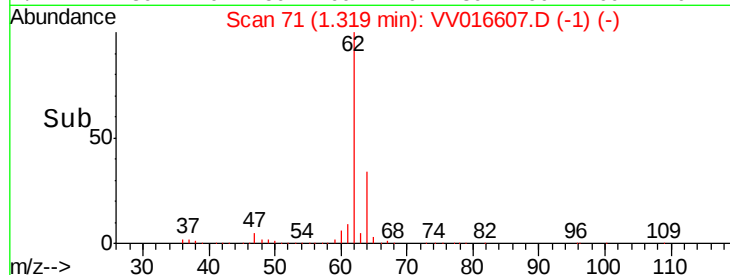
3000000

2000000

1000000

0

Time-->



#10

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

Concen: 0.696 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016607.D

Acq: 06 Jun 2020 23:23

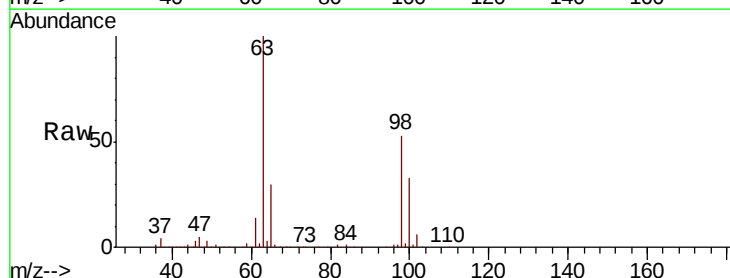
Tgt Ion: 101 Resp: 1488

Ion Ratio Lower Upper

101 100

85 6.0 35.6 53.4#

151 0.0 61.8 92.8#



Abundance Ion 101.00 (100.70 to 101.70): VV016607.D (-308) (-)

Ion 85.00 (84.70 to 85.70): VV016607.D (-308) (-)

Ion 151.00 (150.70 to 151.70): VV016607.D (-308) (-)

2.12

1200

1000

800

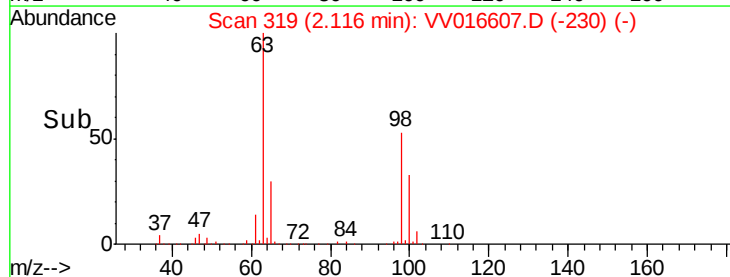
600

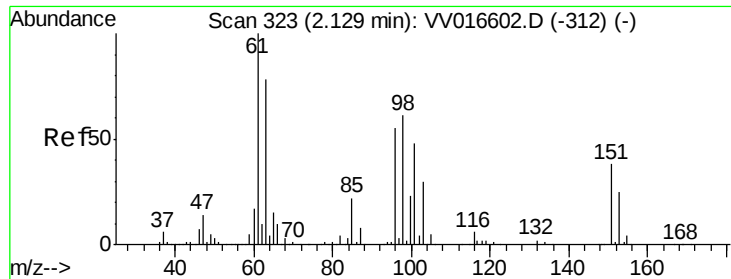
400

200

0

Time-->

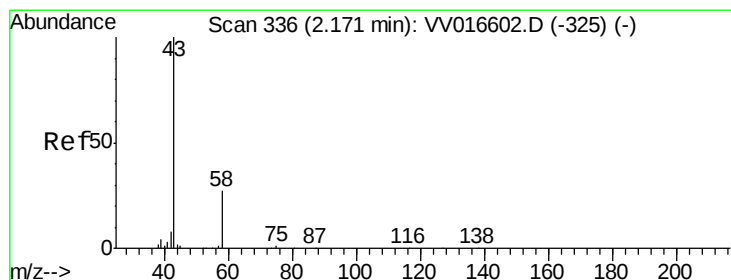
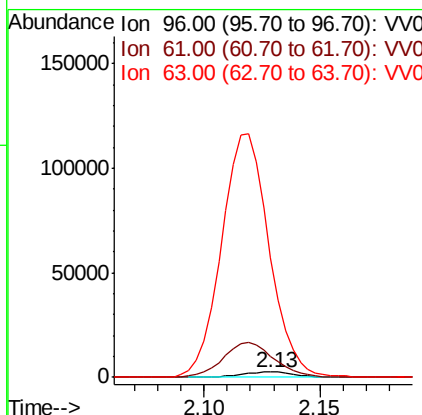
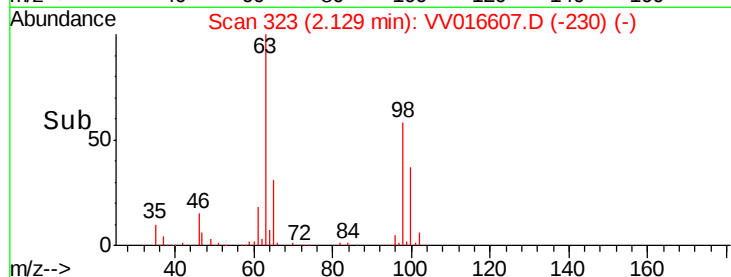
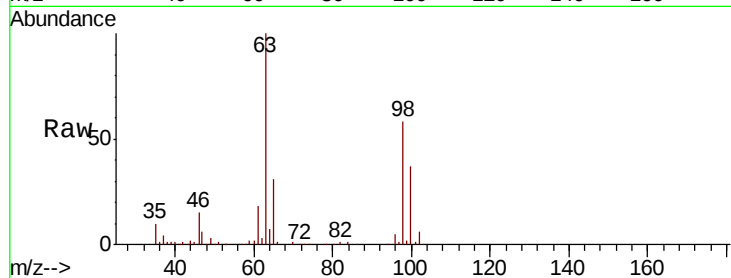




#12
 1,1-Dichloroethene
 Concen: 2.044 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.00 min
 Lab File: VV016607.D
 Acq: 06 Jun 2020 23:23

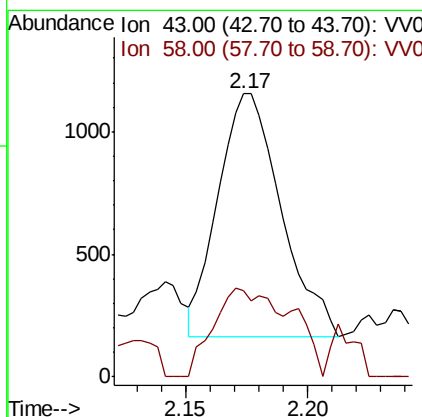
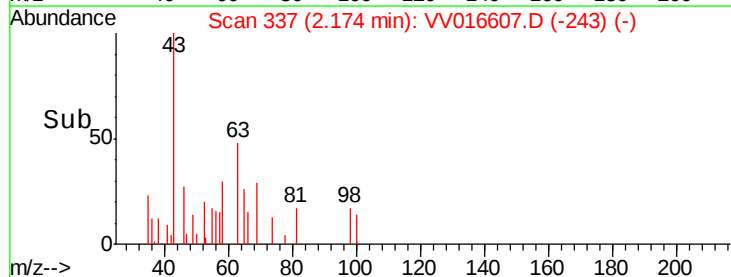
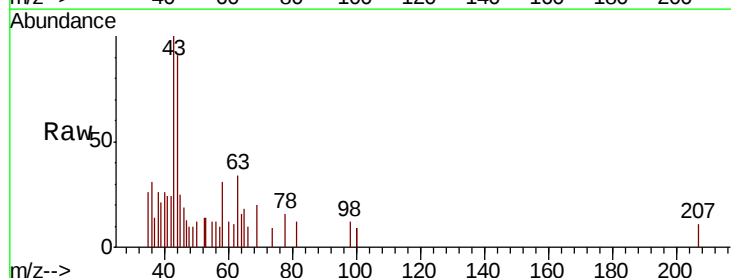
Instrument :
 MSVOA_V
 ClientSampleId :
 ETTS7

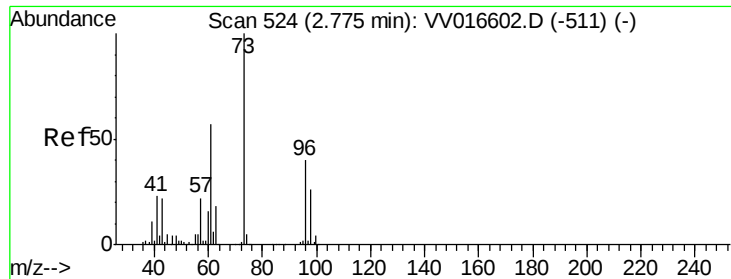
Tot Ion: 96 Resp: 4203
 Ion Ratio Lower Upper
 96 100
 61 393.2 125.5 233.1#
 63 2191.6 104.0 193.1#



#13
 Acetone
 Concen: 1.143 ug/L
 RT: 2.17 min Scan# 337
 Delta R.T. 0.00 min
 Lab File: VV016607.D
 Acq: 06 Jun 2020 23:23

Tgt Ion: 43 Resp: 1792
 Ion Ratio Lower Upper
 43 100
 58 22.4 0.0 57.2





#17

trans-1,2-Dichloroethene

Concen: 4.719 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV016607.D

Acq: 06 Jun 2020 23:23

Instrument :

MSVOA_V

ClientSampleId :

ETTS7

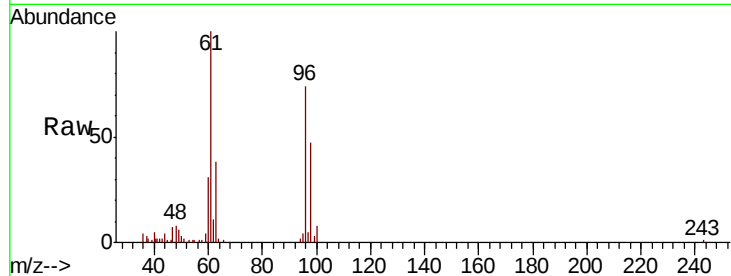
Tot Ion: 96 Resp: 12244

Ion Ratio Lower Upper

96 100

61 135.7 101.0 187.6

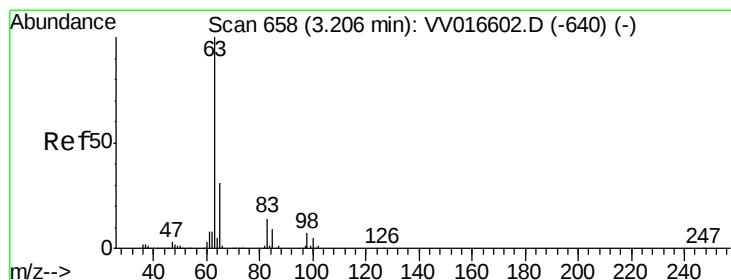
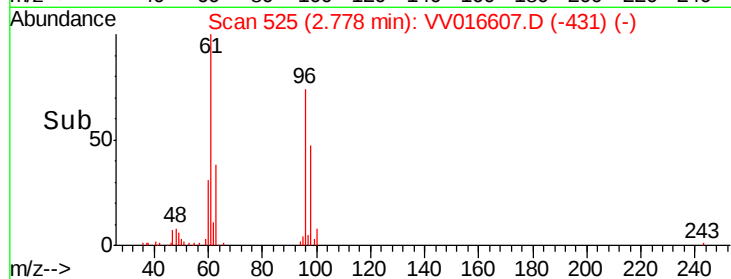
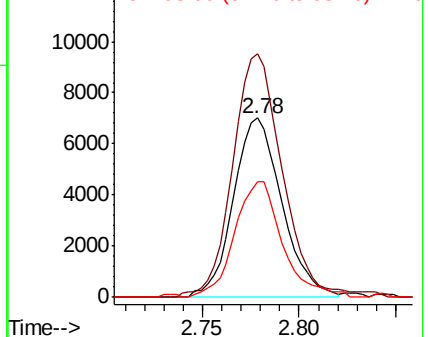
98 64.4 44.7 83.1



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



#19

1,1-Dichloroethane

Concen: 2.376 ug/L

RT: 3.22 min Scan# 661

Delta R.T. 0.01 min

Lab File: VV016607.D

Acq: 06 Jun 2020 23:23

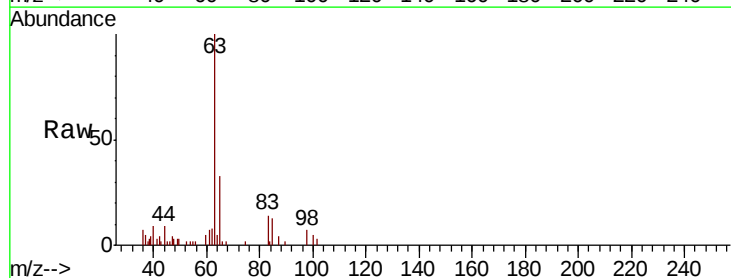
Tgt Ion: 63 Resp: 11401

Ion Ratio Lower Upper

63 100

65 33.3 22.2 41.2

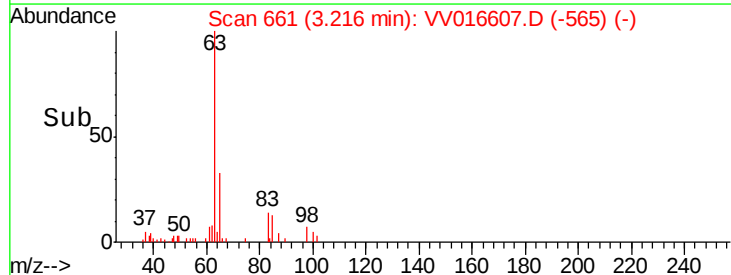
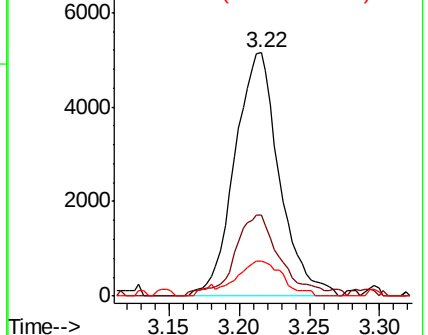
83 16.7 9.1 16.9

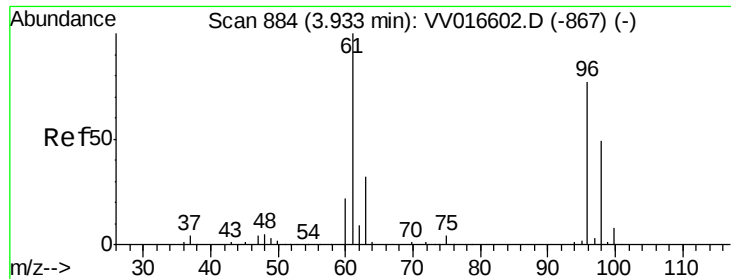


Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 65.00 (64.70 to 65.70): VV0

Ion 83.00 (82.70 to 83.70): VV0





#20

cis-1,2-Dichloroethene
 Concen: 1694.184 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV016607.D
 Acq: 06 Jun 2020 23:23

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTS7

Tot Ion: 96 Resp: 4744413
 Ion Ratio Lower Upper
 96 100
 61 135.1 93.4 173.4
 68 0.0 0.0 0.0#

