

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016610.D
 Acq On : 07 Jun 2020 00:34
 Operator : SY/MD
 Sample : L2875-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTT1

Quant Time: Jun 07 01:27:58 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	360418	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	331149	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	152887	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	121061	47.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.84%
7) Chloroethane-d5	1.56	69	79427	43.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.12	63	157521	34.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.62%
21) 2-Butanone-d5	3.90	46	189268	115.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.95%
24) Chloroform-d	4.37	84	243000	50.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.44%
26) 1,2-Dichloroethane-d4	5.05	65	169416	52.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.62%
32) Benzene-d6	5.07	84	483976	54.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.12%
36) 1,2-Dichloropropane-d6	6.09	67	152618	55.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.44%
41) Toluene-d8	7.34	98	438430	54.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.84%
43) trans-1,3-Dichloropropene-	7.64	79	67943	50.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.88%
47) 2-Hexanone-d5	8.11	63	137352	116.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.03%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	196131	52.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	169809	59.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.20%

Target Compounds

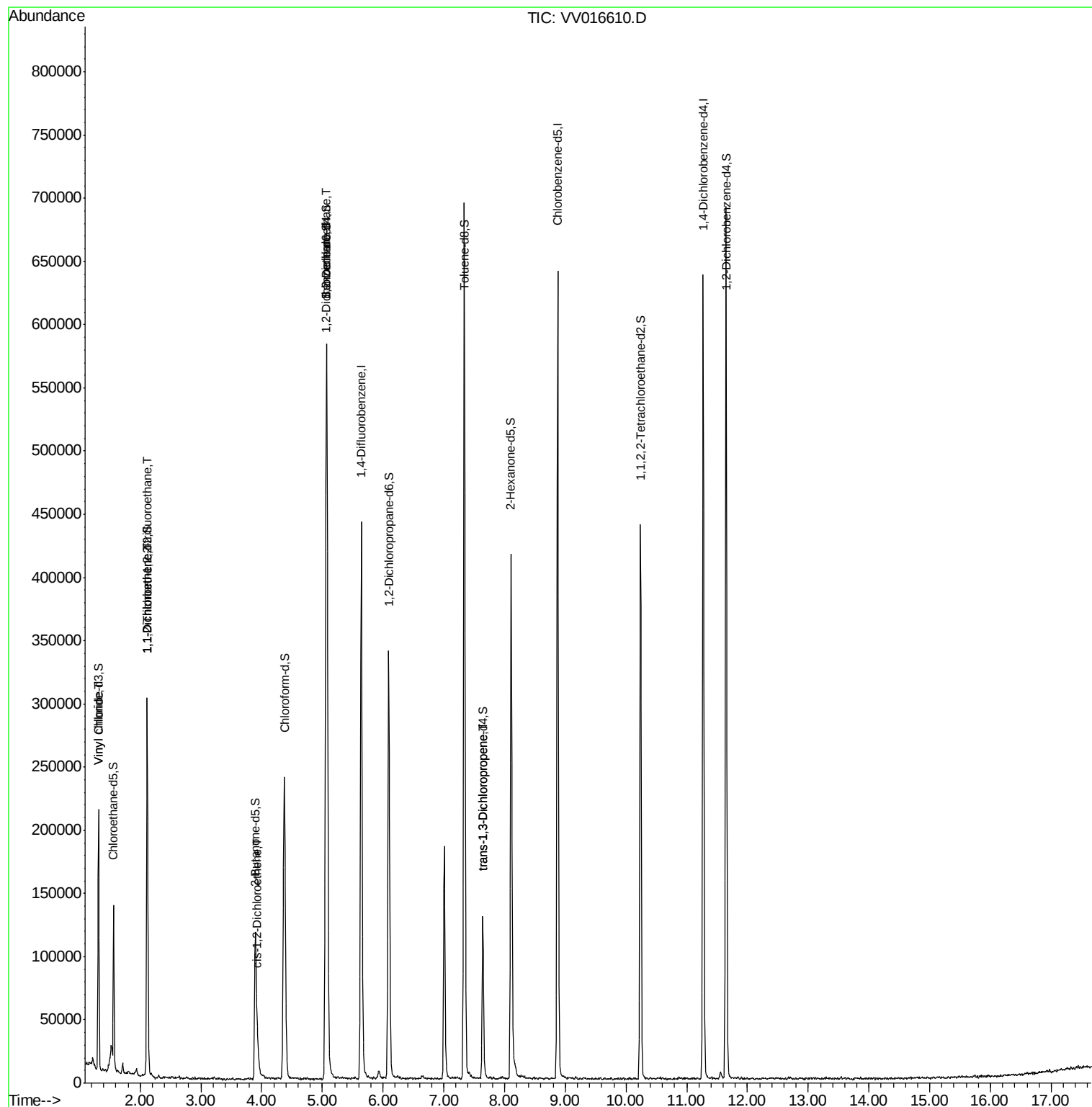
					Ovalue
5) Vinyl chloride	1.32	62	4299	1.553 ug/L #	47
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1631	0.784 ug/L #	20
12) 1,1-Dichloroethene	2.12	96	1485	0.742 ug/L #	1
20) cis-1,2-Dichloroethene	3.93	96	2058	0.755 ug/L	85
27) 1,2-Dichloroethane	5.07	62	3427	0.862 ug/L	99
44) trans-1,3-Dichloropropene	7.64	75	3557	0.979 ug/L #	79

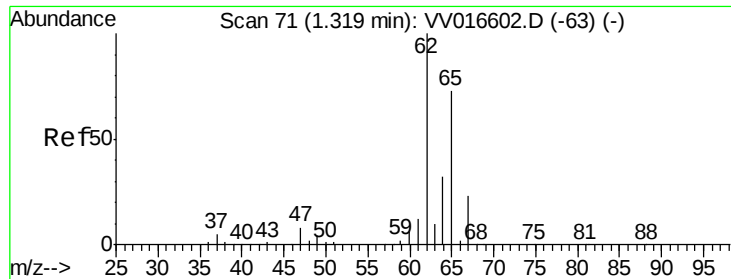
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sun Jun 07 01:25:32 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.553 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV016610.D

Acq: 07 Jun 2020 00:34

Instrument :

MSVOA_V

ClientSampleId :

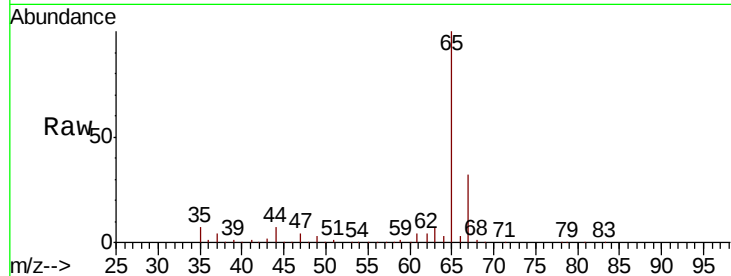
ETTT1

Tot Ion: 62 Resp: 4299

Ion Ratio Lower Upper

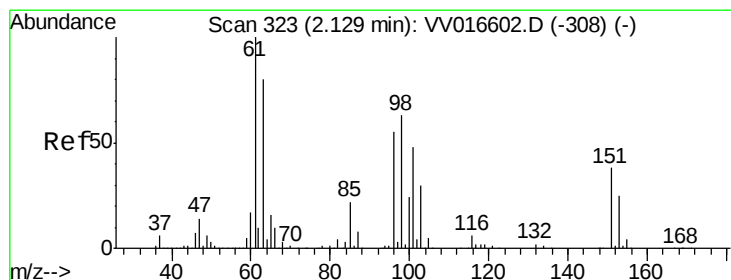
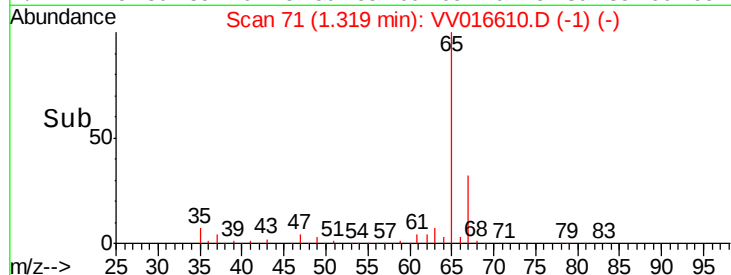
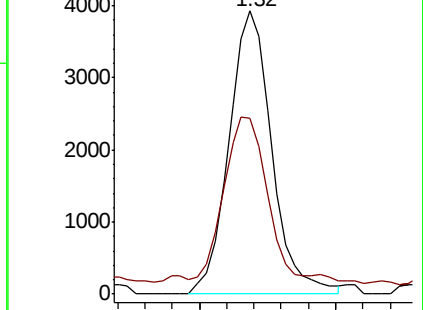
62 100

64 62.3 22.7 42.1#



Abundance Ion 62.00 (61.70 to 62.70): VV016610.D (-1) (-)

Ion 64.00 (63.70 to 64.70): VV016610.D (-1) (-)



#10

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

Concen: 0.784 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016610.D

Acq: 07 Jun 2020 00:34

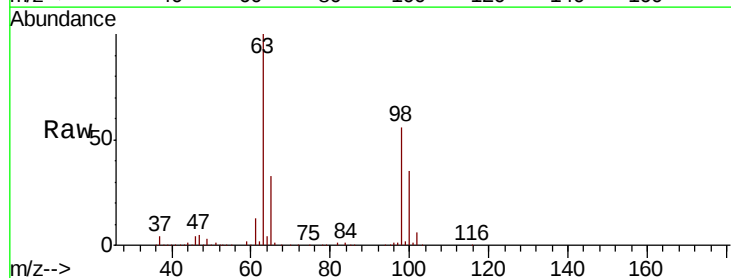
Tgt Ion: 101 Resp: 1631

Ion Ratio Lower Upper

101 100

85 2.8 35.6 53.4#

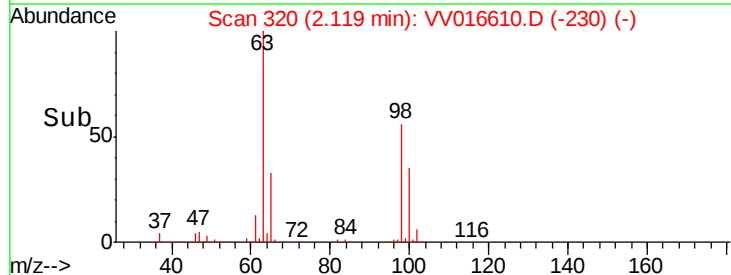
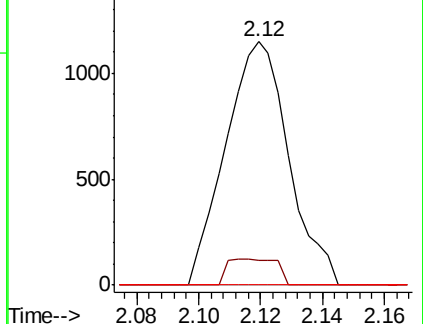
151 0.0 61.8 92.8#

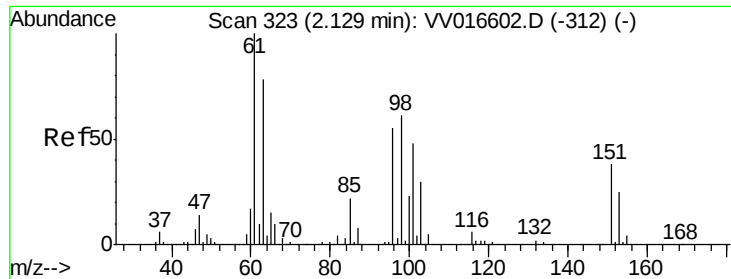


Abundance Ion 101.00 (100.70 to 101.70): VV016610.D (-230) (-)

Ion 85.00 (84.70 to 85.70): VV016610.D (-230) (-)

Ion 151.00 (150.70 to 151.70): VV016610.D (-230) (-)





#12

1,1-Dichloroethene

Concen: 0.742 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016610.D

Acq: 07 Jun 2020 00:34

Instrument :

MSVOA_V

ClientSampleId :

ETTT1

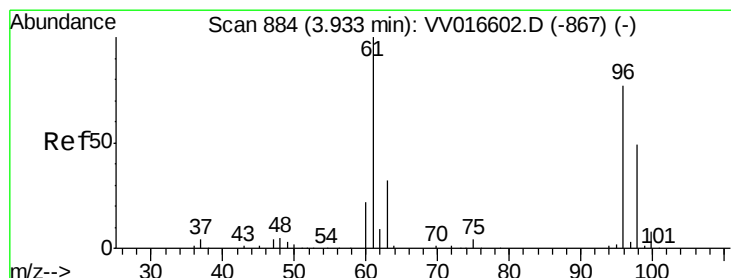
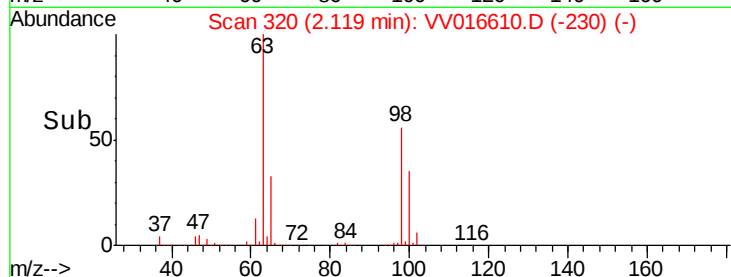
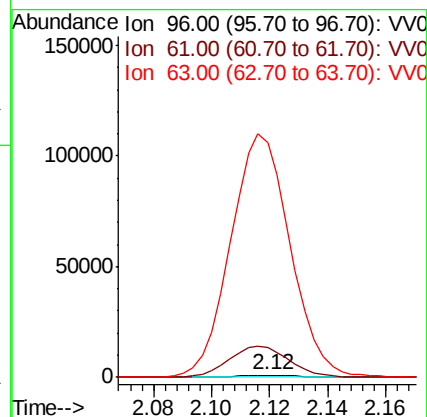
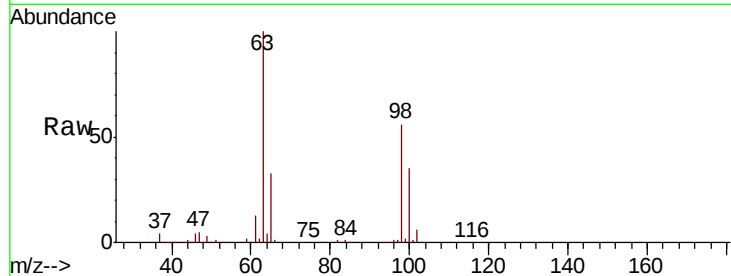
Tot Ion: 96 Resp: 1485

Ion Ratio Lower Upper

96 100

61 1390.3 125.5 233.1#

63 10985.3 104.0 193.1#



#20

cis-1,2-Dichloroethene

Concen: 0.755 ug/L

RT: 3.93 min Scan# 884

Delta R.T. 0.00 min

Lab File: VV016610.D

Acq: 07 Jun 2020 00:34

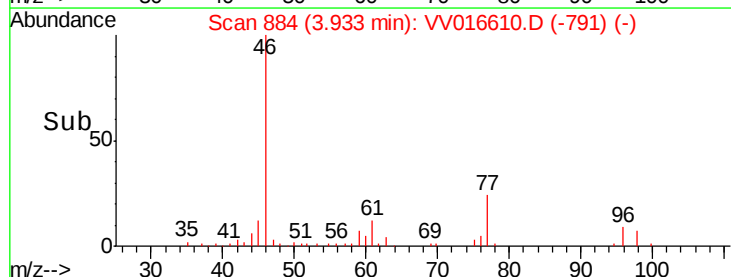
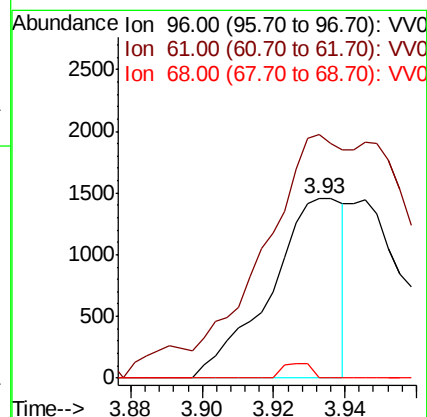
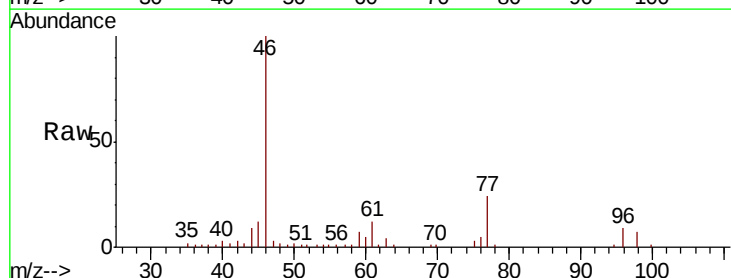
Tgt Ion: 96 Resp: 2058

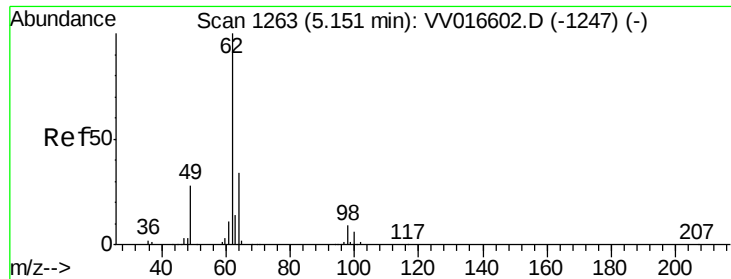
Ion Ratio Lower Upper

96 100

61 151.0 93.4 173.4

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.862 ug/L

RT: 5.07 min Scan# 1238

Delta R.T. -0.08 min

Lab File: VV016610.D

Acq: 07 Jun 2020 00:34

Instrument :

MSVOA_V

ClientSampleId :

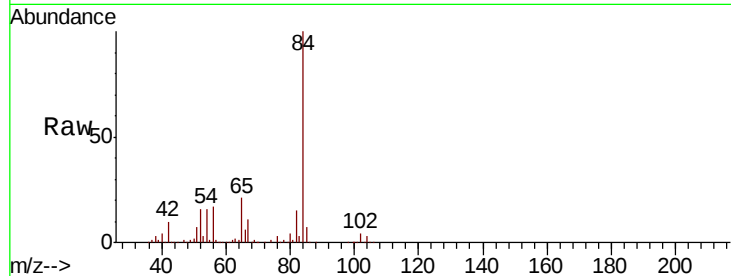
ETTT1

Tot Ion: 62 Resp: 3427

Ion Ratio Lower Upper

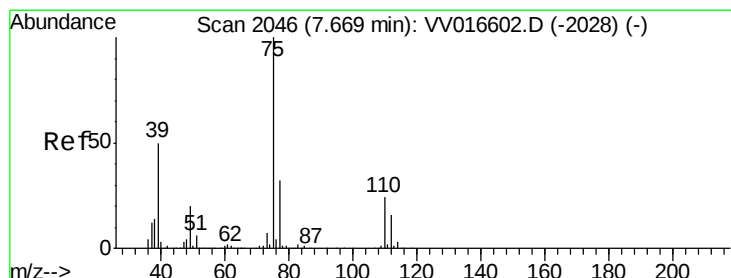
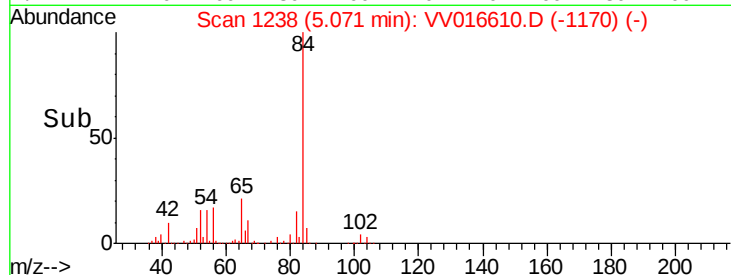
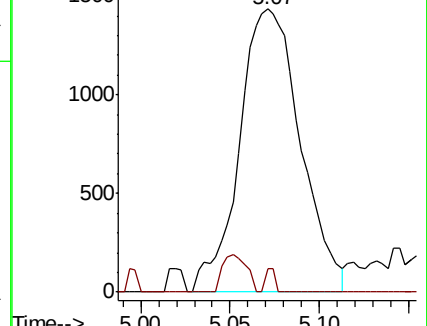
62 100

98 8.2 6.9 10.3



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.979 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV016610.D

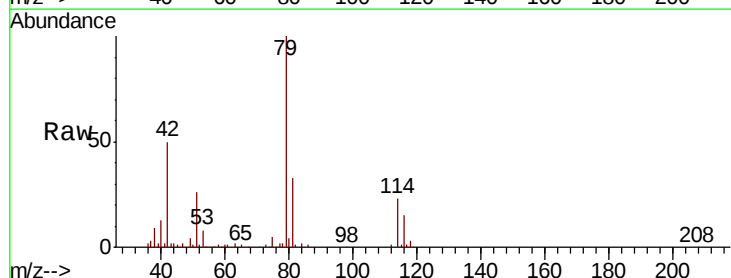
Acq: 07 Jun 2020 00:34

Tgt Ion: 75 Resp: 3557

Ion Ratio Lower Upper

75 100

77 43.2 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

