

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080820\
 Data File : VV017868.D
 Acq On : 08 Aug 2020 20:56
 Operator : SY/MD
 Sample : L3608-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L50

Quant Time: Aug 10 05:11:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 10 05:09:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	230550	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	215809	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	108785	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	61203	51.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.80%
7) Chloroethane-d5	1.58	69	52254	51.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.32%
11) 1,1-Dichloroethene-d2	2.12	63	111245	38.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.78%
21) 2-Butanone-d5	3.91	46	77603	104.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.09%
24) Chloroform-d	4.37	84	156780	50.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.44%
26) 1,2-Dichloroethane-d4	5.05	65	122296	53.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.84%
32) Benzene-d6	5.07	84	268628	53.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.80%
36) 1,2-Dichloropropane-d6	6.09	67	70246	55.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.18%
41) Toluene-d8	7.34	98	260037	51.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.84%
43) trans-1,3-Dichloropropene-	7.64	79	37887	46.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.12%
47) 2-Hexanone-d5	8.11	63	49909	109.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.06%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	101048	51.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	120211	54.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.42%

Target Compounds

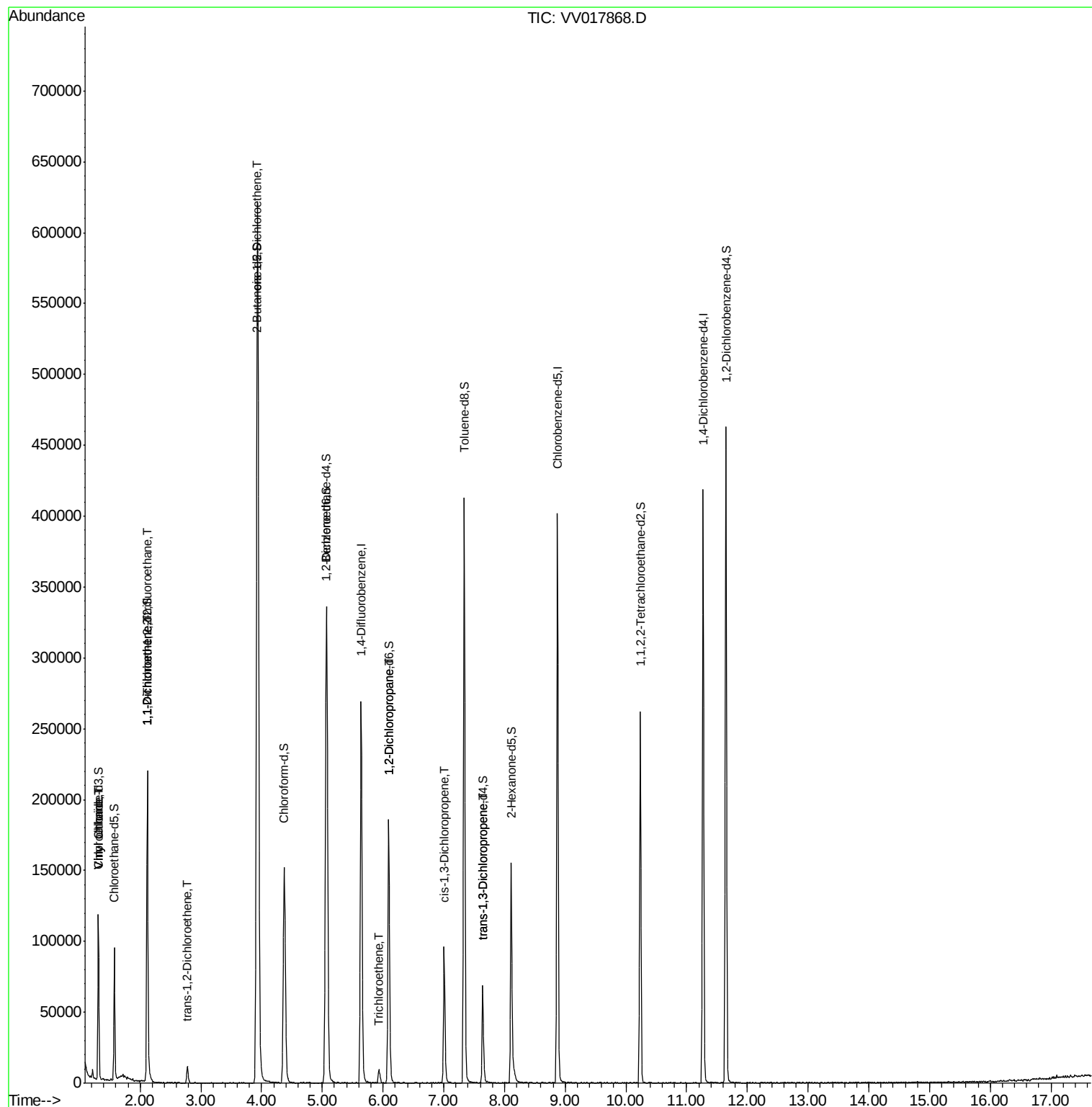
					Ovalue
5) Vinyl chloride	1.32	62	10180	7.557 ug/L	88
8) Chloroethane	1.32	64	3824	4.498 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	968	0.657 ug/L #	17
12) 1,1-Dichloroethene	2.12	96	2650	1.951 ug/L #	1
17) trans-1,2-Dichloroethene	2.78	96	4405	3.178 ug/L	91
20) cis-1,2-Dichloroethene	3.94	96	341566	228.127 ug/L	99
34) Trichloroethene	5.95	95	981	0.636 ug/L #	82
37) 1,2-Dichloropropane	6.09	63	10858	9.728 ug/L #	79
39) cis-1,3-Dichloropropene	7.01	75	2743	1.429 ug/L #	73
44) trans-1,3-Dichloropropene	7.64	75	1971	0.977 ug/L	97

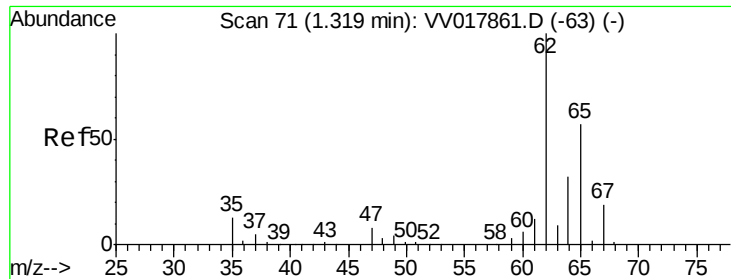
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 10 05:09:16 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 7.557 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV017868.D

Acq: 08 Aug 2020 20:56

Instrument :

MSVOA_V

ClientSampled :

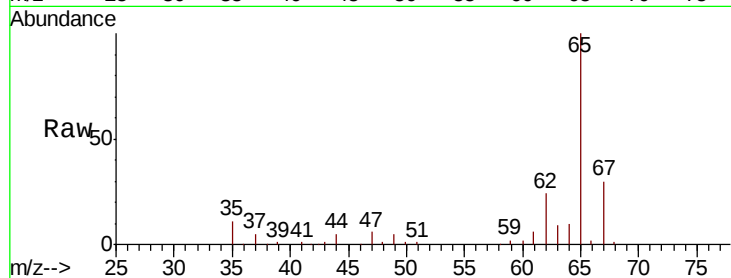
F2L50

Tot Ion: 62 Resp: 10180

Ion Ratio Lower Upper

62 100

64 41.0 24.0 44.6



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

10000

8000

6000

4000

2000

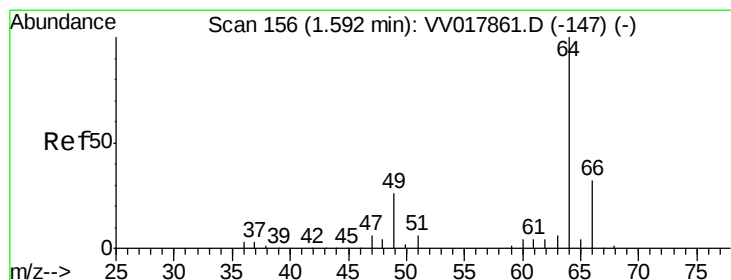
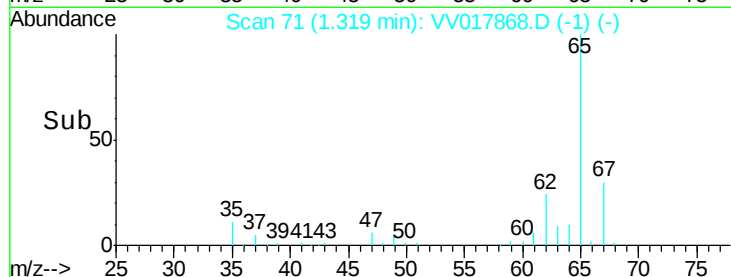
0

1.30

1.32

1.35

Time-->



#8

Chloroethane

Concen: 4.498 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.28 min

Lab File: VV017868.D

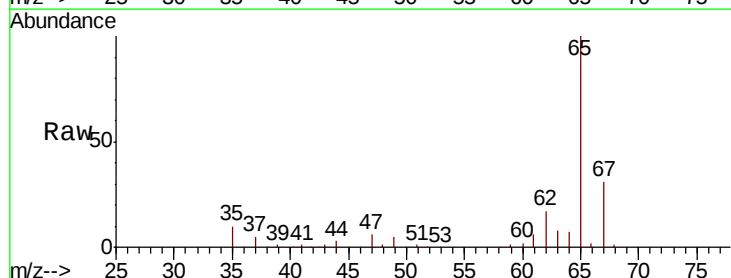
Acq: 08 Aug 2020 20:56

Tgt Ion: 64 Resp: 3824

Ion Ratio Lower Upper

64 100

66 30.8 23.1 42.9



Abundance Ion 64.00 (63.70 to 64.70): VV0

Ion 66.00 (65.70 to 66.70): VV0

4000

3000

2000

1000

0

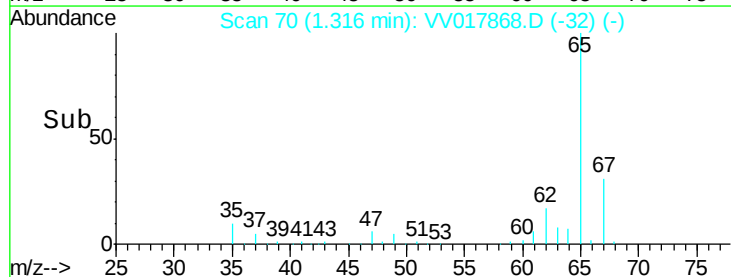
1.28

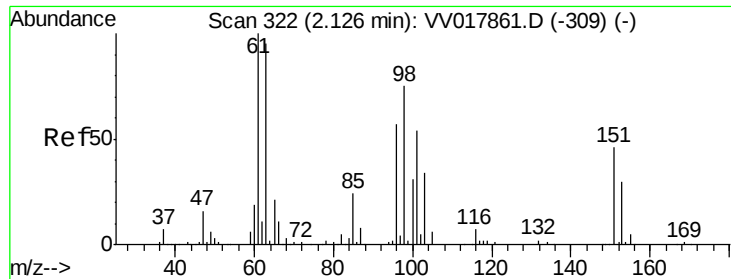
1.30

1.32

1.34

Time-->





#10

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

Concen: 0.657 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV017868.D

Acq: 08 Aug 2020 20:56

Instrument :

MSVOA_V

ClientSampled :

F2L50

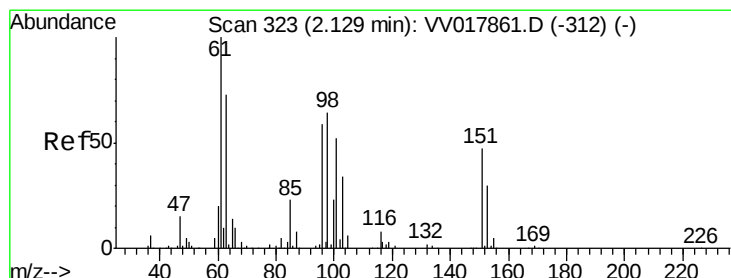
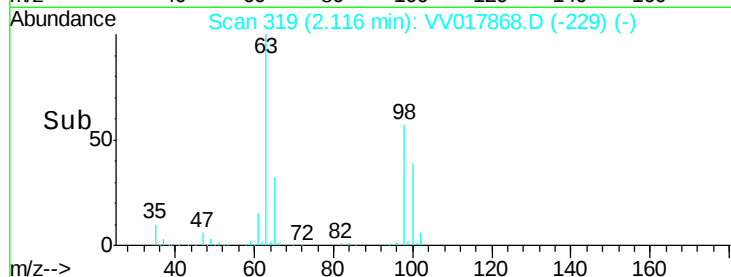
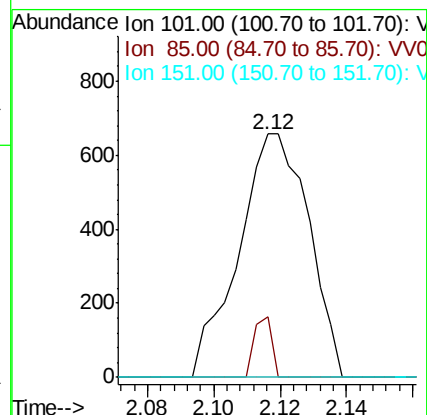
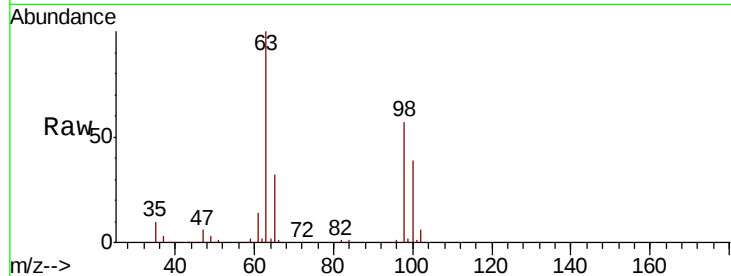
Tot Ion:101 Resp: 968

Ion Ratio Lower Upper

101 100

85 6.1 35.0 52.6#

151 0.0 71.0 106.6#



#12

1,1-Dichloroethene

Concen: 1.951 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017868.D

Acq: 08 Aug 2020 20:56

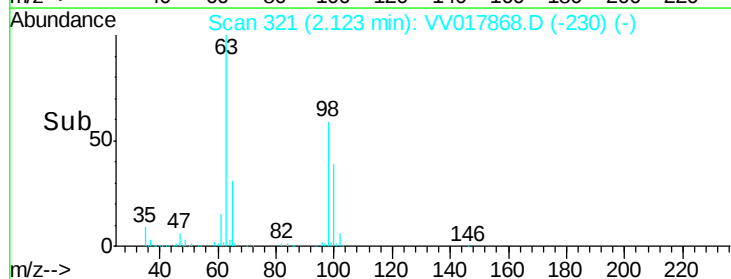
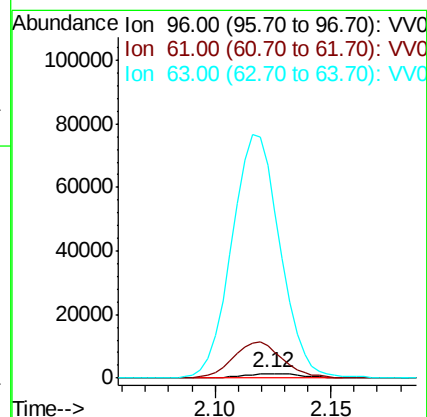
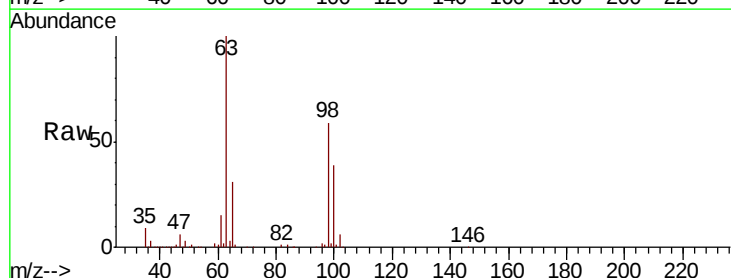
Tgt Ion: 96 Resp: 2650

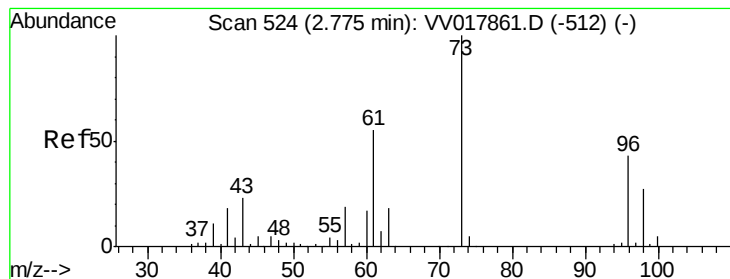
Ion Ratio Lower Upper

96 100

61 660.4 121.1 224.9#

63 4358.6 98.1 182.1#





#17

trans-1,2-Dichloroethene

Concen: 3.178 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

Lab File: VV017868.D

Acq: 08 Aug 2020 20:56

Instrument :

MSVOA_V

ClientSampled :

F2L50

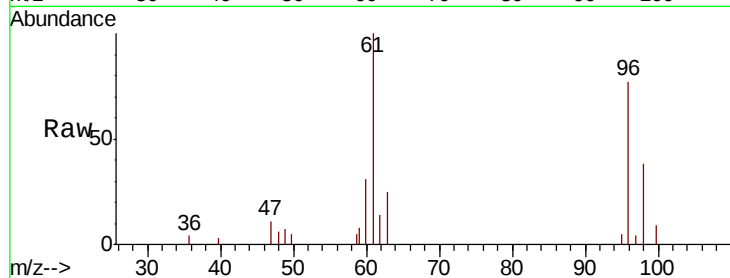
Tot Ion: 96 Resp: 4405

Ion Ratio Lower Upper

96 100

61 130.1 92.4 171.6

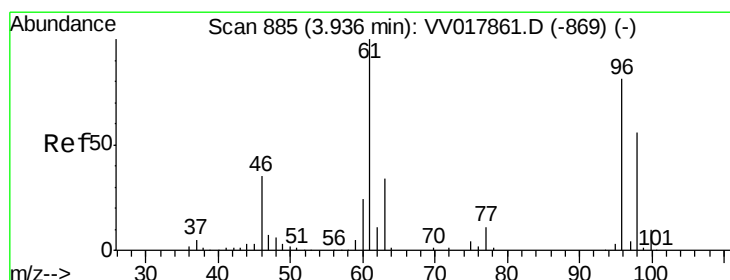
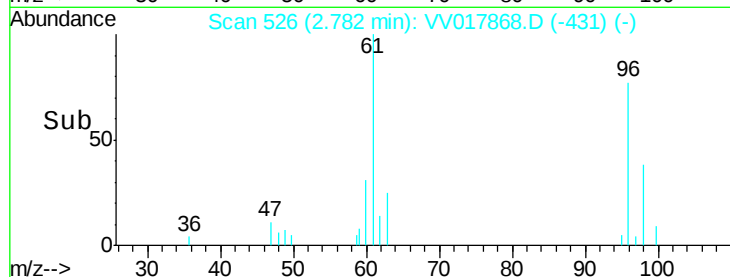
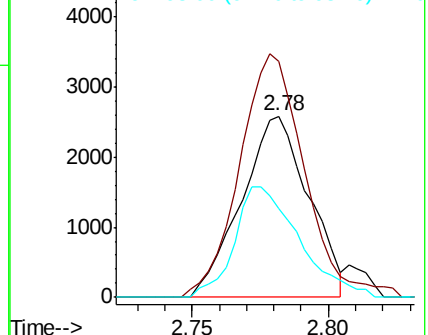
98 48.9 47.5 88.1



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: 228.127 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

Lab File: VV017868.D

Acq: 08 Aug 2020 20:56

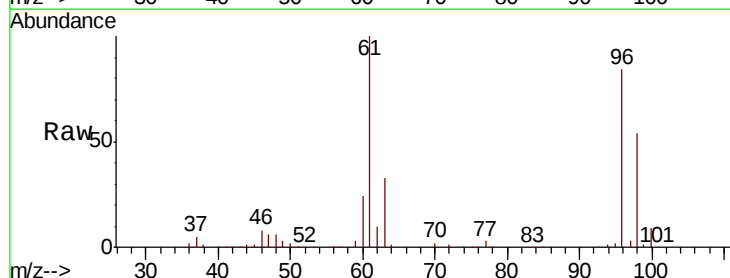
Tgt Ion: 96 Resp: 341566

Ion Ratio Lower Upper

96 100

61 119.2 84.4 156.8

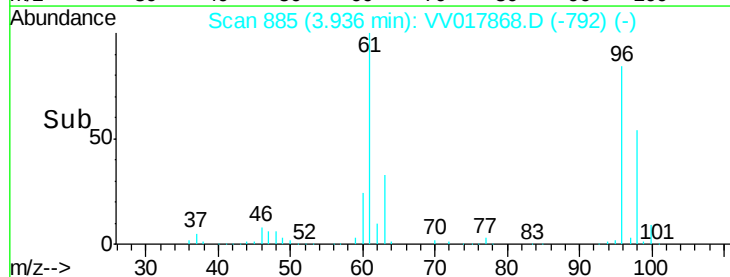
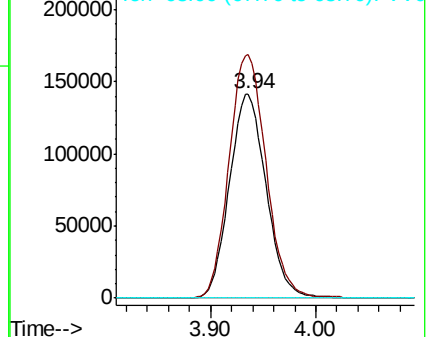
68 0.0 0.0 0.0

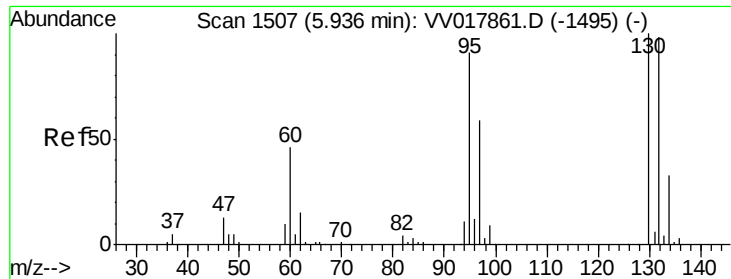


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#34

Trichloroethene

Concen: 0.636 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV017868.D

Acq: 08 Aug 2020 20:56

Instrument :

MSVOA_V

ClientSampleId :

F2L50

Tot Ion: 95 Resp: 981

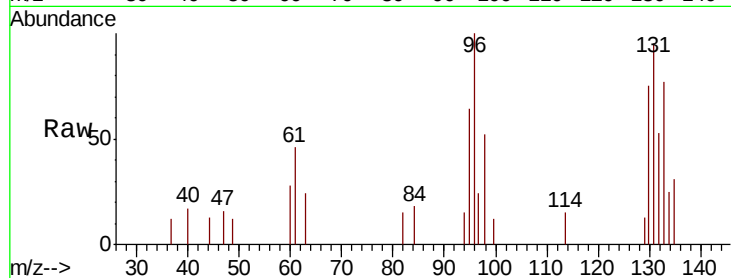
Ion Ratio Lower Upper

95 100

97 38.3 44.7 83.1#

132 83.5 73.6 136.8

130 118.3 77.6 144.0



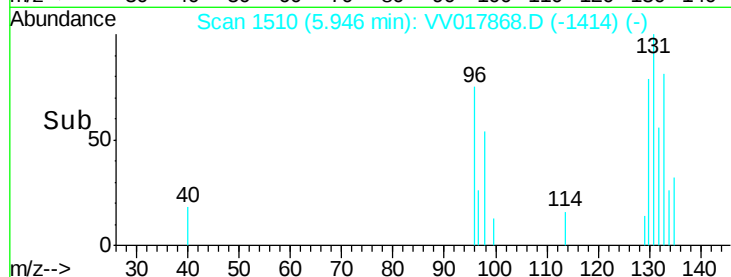
Abundance Ion 95.00 (94.70 to 95.70): VV017861.D (-1495) (-)

Ion 97.00 (96.70 to 97.70): VV017861.D (-1495) (-)

Ion 132.00 (131.70 to 132.70): VV017861.D (-1495) (-)

Ion 130.00 (129.70 to 130.70): VV017861.D (-1495) (-)

Time-->



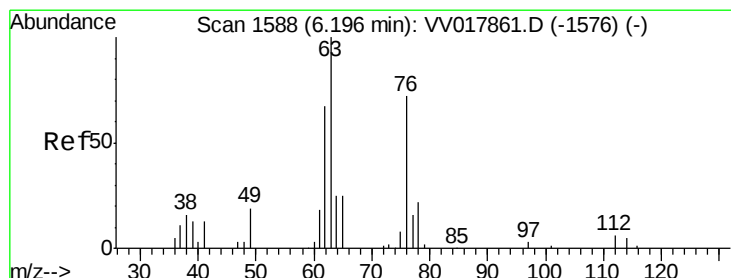
Abundance Ion 95.00 (94.70 to 95.70): VV017861.D (-1495) (-)

Ion 97.00 (96.70 to 97.70): VV017861.D (-1495) (-)

Ion 132.00 (131.70 to 132.70): VV017861.D (-1495) (-)

Ion 130.00 (129.70 to 130.70): VV017861.D (-1495) (-)

Time-->



#37

1,2-Dichloropropane

Concen: 9.728 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV017868.D

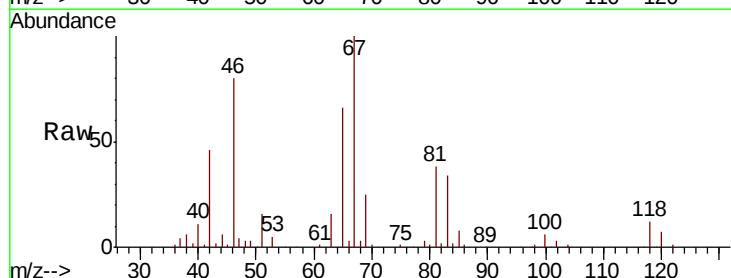
Acq: 08 Aug 2020 20:56

Tgt Ion: 63 Resp: 10858

Ion Ratio Lower Upper

63 100

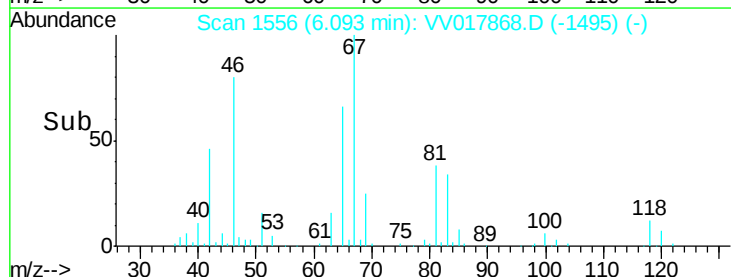
112 0.0 5.8 8.6#



Abundance Ion 63.00 (62.70 to 63.70): VV017861.D (-1576) (-)

Ion 112.00 (111.70 to 112.70): VV017861.D (-1576) (-)

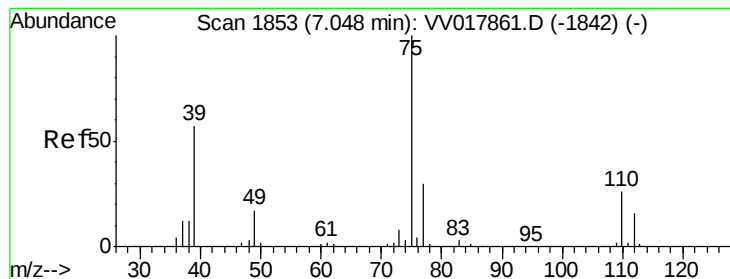
Time-->



Abundance Ion 63.00 (62.70 to 63.70): VV017861.D (-1576) (-)

Ion 112.00 (111.70 to 112.70): VV017861.D (-1576) (-)

Time-->



#39

cis-1,3-Dichloropropene

Concen: 1.429 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV017868.D

Acq: 08 Aug 2020 20:56

Instrument :

MSVOA_V

ClientSampleId :

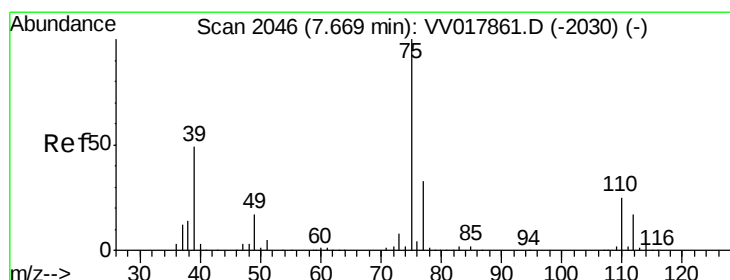
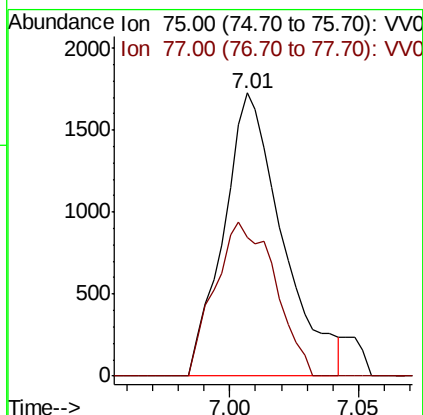
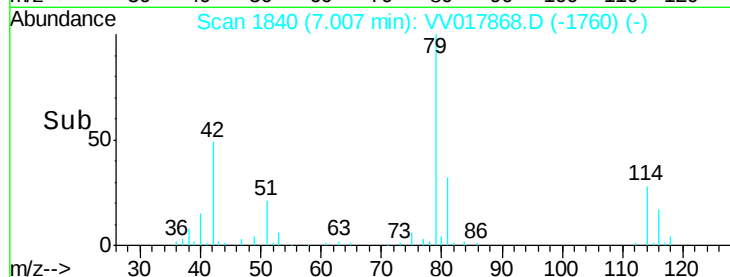
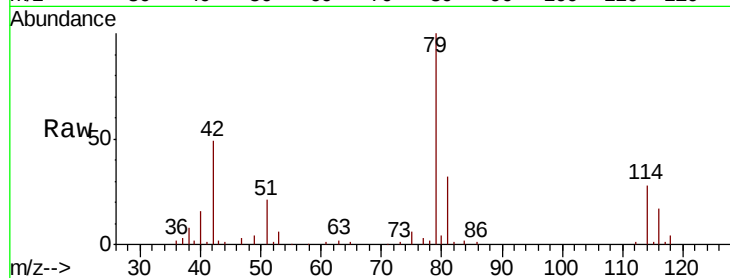
F2L50

Tot Ion: 75 Resp: 2743

Ion Ratio Lower Upper

75 100

77 49.1 23.7 44.1#



#44

trans-1,3-Dichloropropene

Concen: 0.977 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV017868.D

Acq: 08 Aug 2020 20:56

Tgt Ion: 75 Resp: 1971

Ion Ratio Lower Upper

75 100

77 30.3 22.3 41.5

