

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080820\
 Data File : VV017870.D
 Acq On : 08 Aug 2020 21:42
 Operator : SY/MD
 Sample : L3608-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L57

Quant Time: Aug 10 05:12:06 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	216907	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	208682	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	106382	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	59599	53.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.40%
7) Chloroethane-d5	1.57	69	51380	53.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.98%
11) 1,1-Dichloroethene-d2	2.12	63	105022	39.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.04%
21) 2-Butanone-d5	3.91	46	69877	99.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.62%
24) Chloroform-d	4.37	84	145687	49.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.05	65	114287	53.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.10%
32) Benzene-d6	5.07	84	251933	52.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.56%
36) 1,2-Dichloropropane-d6	6.09	67	65281	53.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.86%
41) Toluene-d8	7.34	98	243972	50.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.74%
43) trans-1,3-Dichloropropene-	7.64	79	35002	44.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.98%
47) 2-Hexanone-d5	8.11	63	42111	95.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.16%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	93034	48.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	116914	53.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.82%

Target Compounds

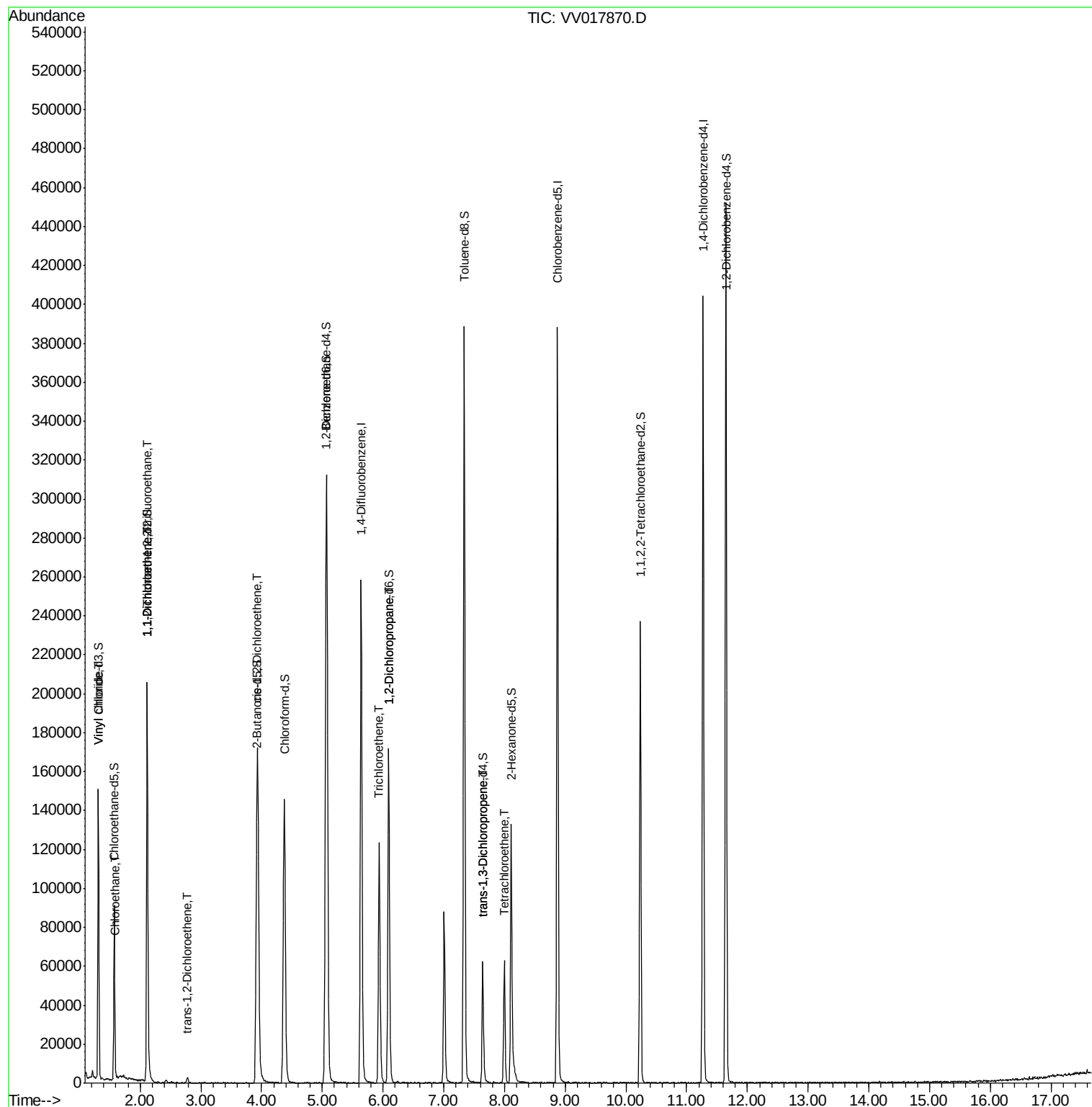
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	30403	23.989	ug/L	93
8) Chloroethane	1.59	64	867	1.084	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1069	0.771	ug/L #	14
12) 1,1-Dichloroethene	2.13	96	2223	1.740	ug/L #	1
17) trans-1,2-Dichloroethene	2.78	96	942	0.722	ug/L #	85
20) cis-1,2-Dichloroethene	3.93	96	85308	60.560	ug/L	100
34) Trichloroethene	5.94	95	37976	25.471	ug/L	97
37) 1,2-Dichloropropane	6.09	63	9642	8.933	ug/L #	79
44) trans-1,3-Dichloropropene	7.65	75	1967	1.008	ug/L #	77
46) Tetrachloroethene	8.00	164	14292	10.170	ug/L	94

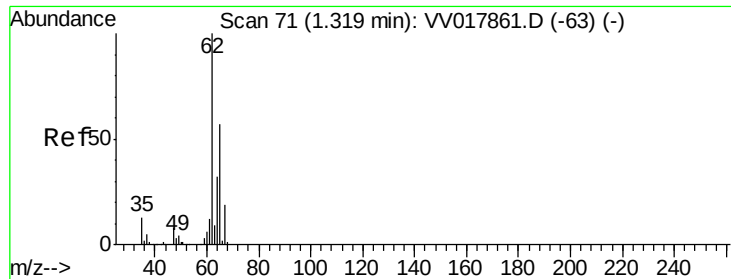
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\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: 23.989 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV017870.D

Acq: 08 Aug 2020 21:42

Instrument :

MSVOA_V

ClientSampleId :

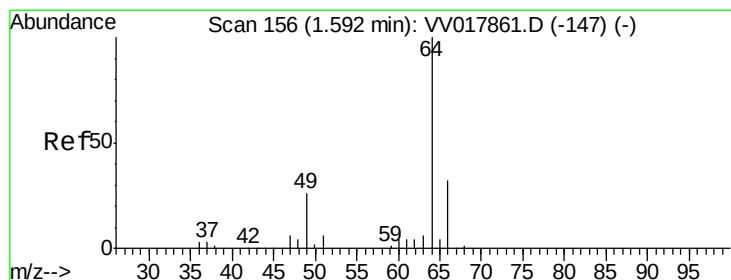
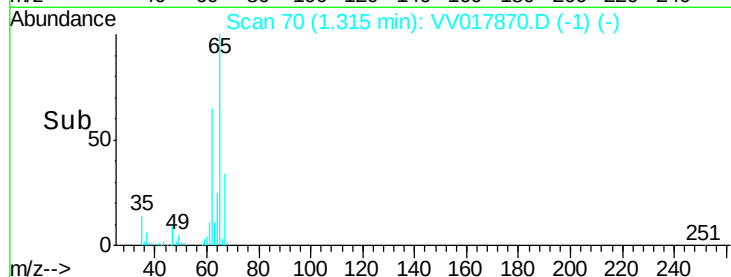
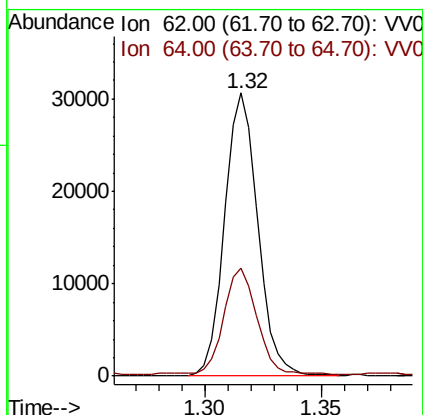
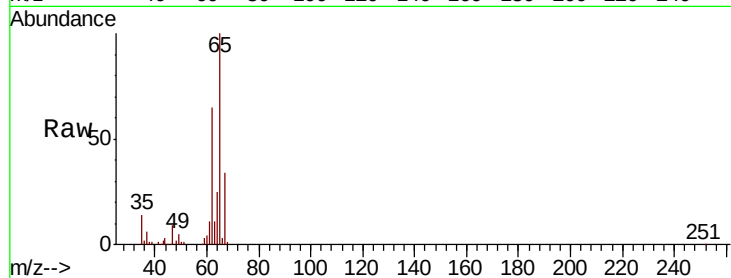
F2L57

Tot Ion: 62 Resp: 30403

Ion Ratio Lower Upper

62 100

64 38.1 24.0 44.6



#8

Chloroethane

Concen: 1.084 ug/L

RT: 1.59 min Scan# 156

Delta R.T. -0.00 min

Lab File: VV017870.D

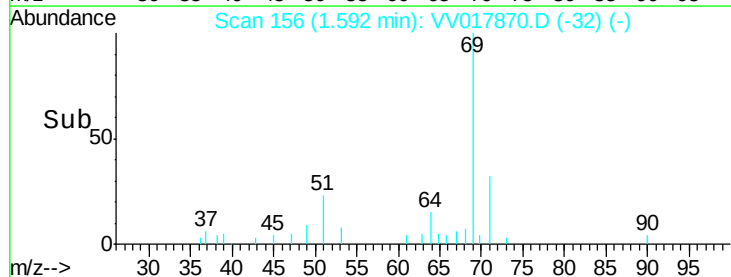
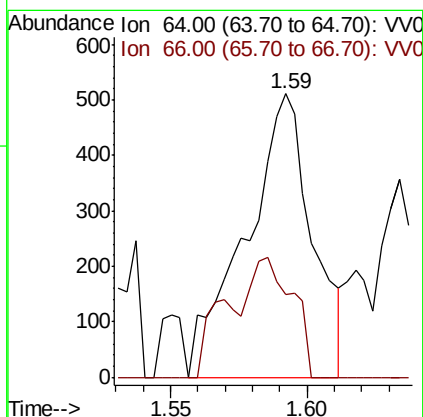
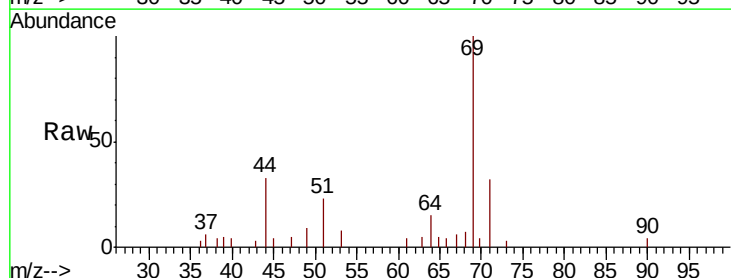
Acq: 08 Aug 2020 21:42

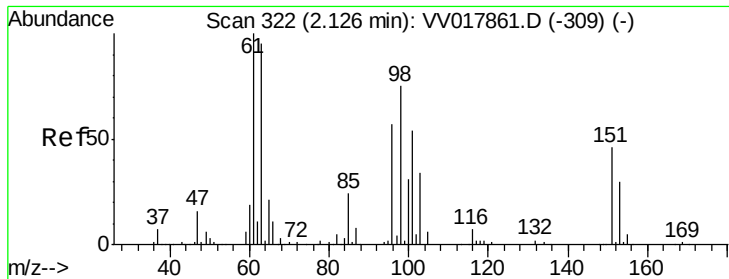
Tgt Ion: 64 Resp: 867

Ion Ratio Lower Upper

64 100

66 29.4 23.1 42.9





#10

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

Concen: 0.771 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017870.D

Acq: 08 Aug 2020 21:42

Instrument :

MSVOA_V

ClientSampled :

F2L57

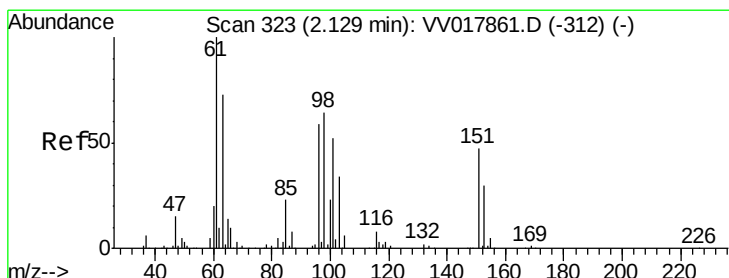
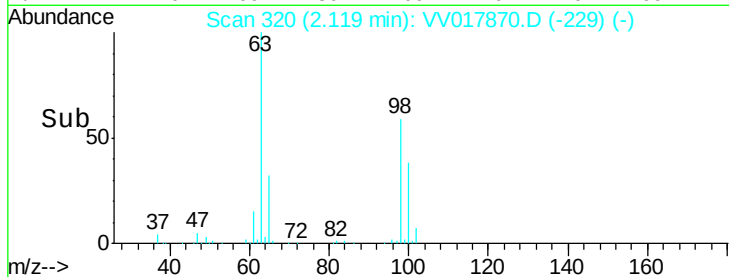
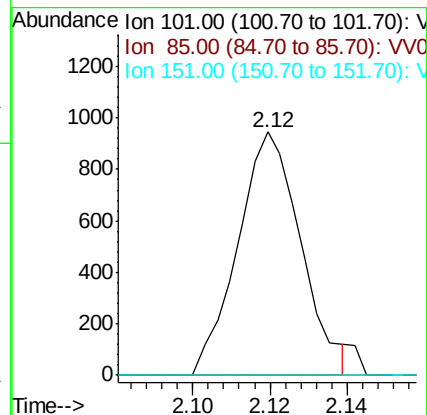
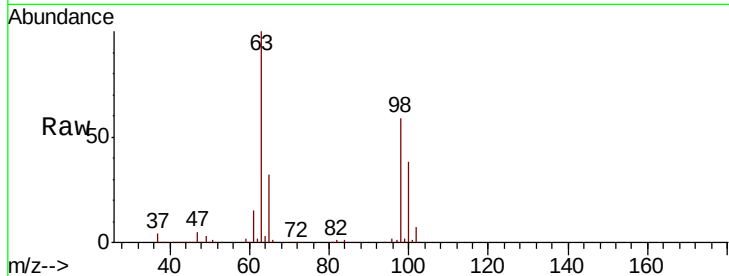
Tot Ion:101 Resp: 1069

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

151 0.0 71.0 106.6#



#12

1,1-Dichloroethene

Concen: 1.740 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV017870.D

Acq: 08 Aug 2020 21:42

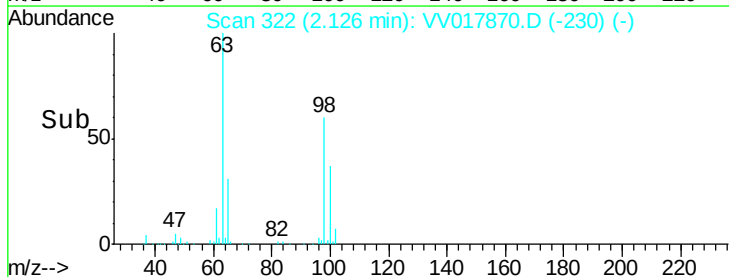
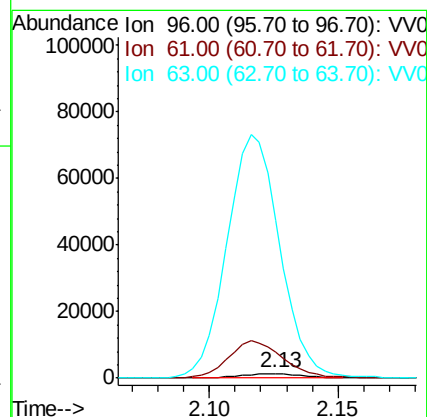
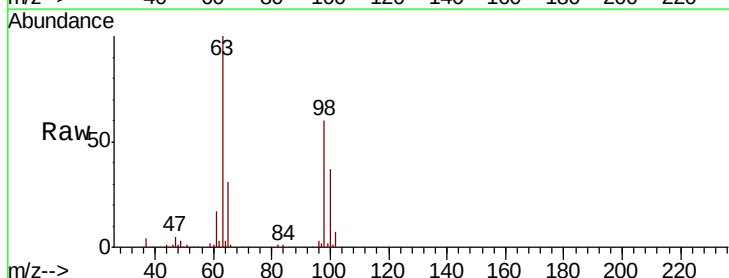
Tgt Ion: 96 Resp: 2223

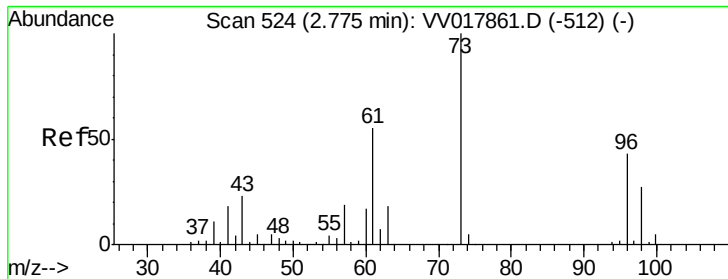
Ion Ratio Lower Upper

96 100

61 610.4 121.1 224.9#

63 3682.5 98.1 182.1#





#17

trans-1,2-Dichloroethene

Concen: 0.722 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV017870.D

Acq: 08 Aug 2020 21:42

Instrument :

MSVOA_V

ClientSampled :

F2L57

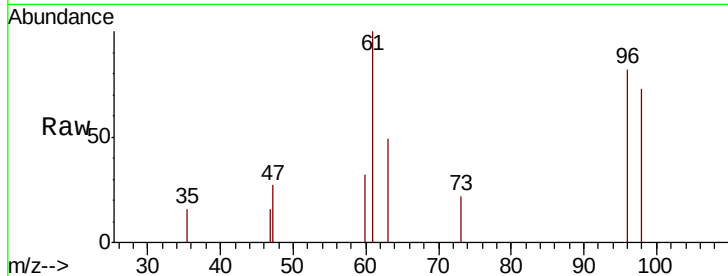
Tot Ion: 96 Resp: 942

Ion Ratio Lower Upper

96 100

61 121.7 92.4 171.6

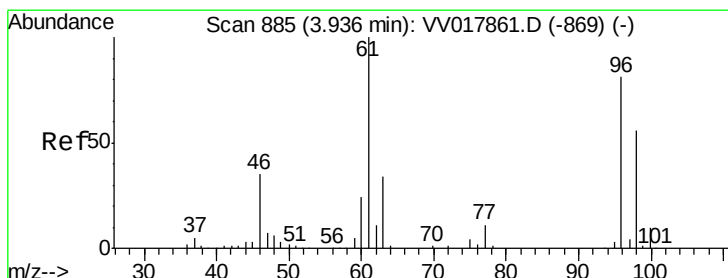
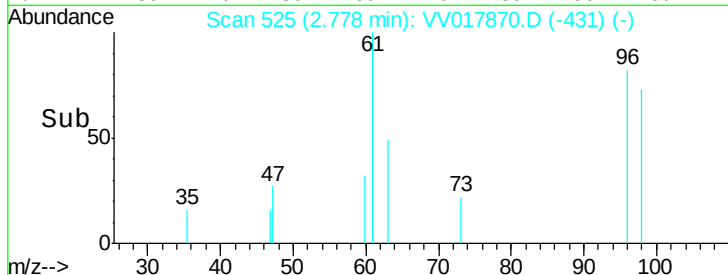
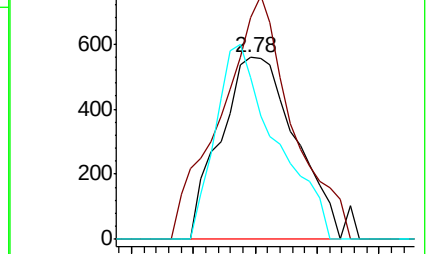
98 89.1 47.5 88.1#



Abundance Ion 96.00 (95.70 to 96.70): VV017870.D (-431) (-)

Ion 61.00 (60.70 to 61.70): VV017870.D (-431) (-)

Ion 98.00 (97.70 to 98.70): VV017870.D (-431) (-)



#20

cis-1,2-Dichloroethene

Concen: 60.560 ug/L

RT: 3.93 min Scan# 884

Delta R.T. -0.00 min

Lab File: VV017870.D

Acq: 08 Aug 2020 21:42

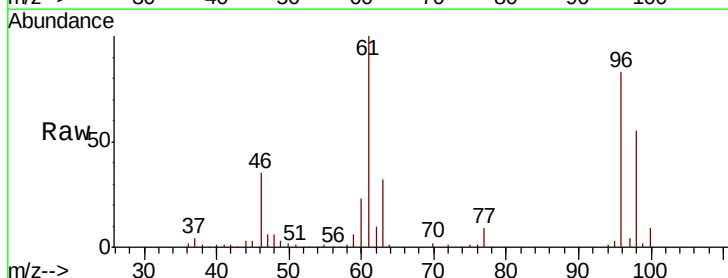
Tgt Ion: 96 Resp: 85308

Ion Ratio Lower Upper

96 100

61 120.2 84.4 156.8

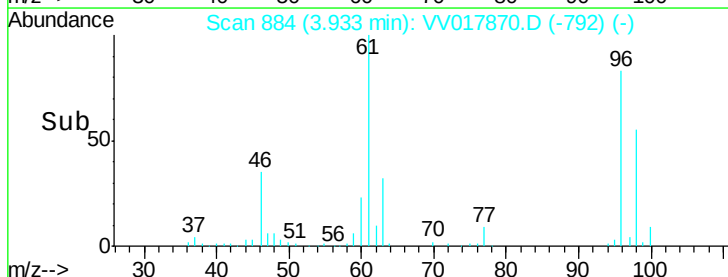
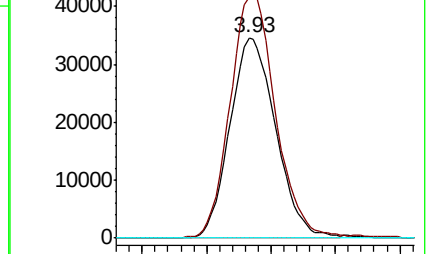
68 0.0 0.0 0.0

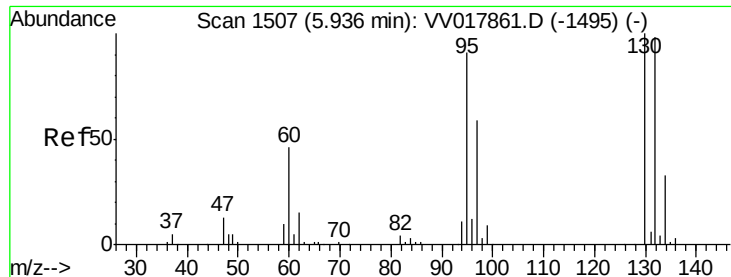


Abundance Ion 96.00 (95.70 to 96.70): VV017870.D (-792) (-)

Ion 61.00 (60.70 to 61.70): VV017870.D (-792) (-)

Ion 68.00 (67.70 to 68.70): VV017870.D (-792) (-)





#34

Trichloroethene

Concen: 25.471 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV017870.D

Acq: 08 Aug 2020 21:42

Instrument :

MSVOA_V

ClientSampleId :

F2L57

Tot Ion: 95 Resp: 37976

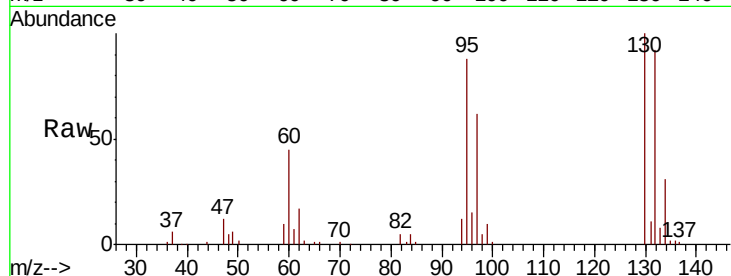
Ion Ratio Lower Upper

95 100

97 70.6 44.7 83.1

132 104.8 73.6 136.8

130 114.1 77.6 144.0

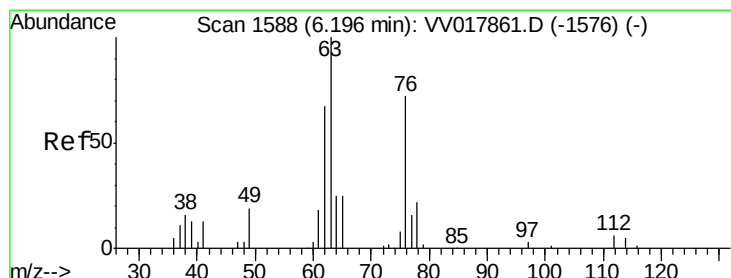
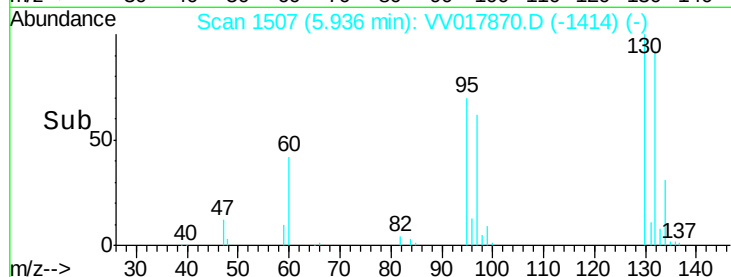
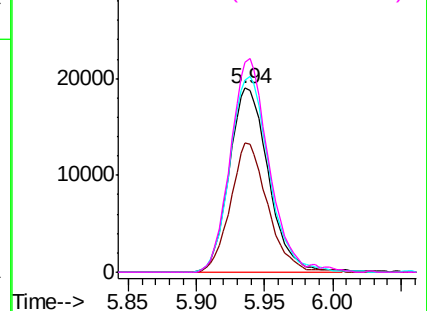


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 8.933 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV017870.D

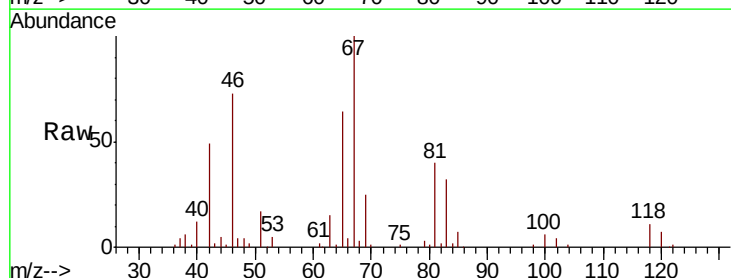
Acq: 08 Aug 2020 21:42

Tgt Ion: 63 Resp: 9642

Ion Ratio Lower Upper

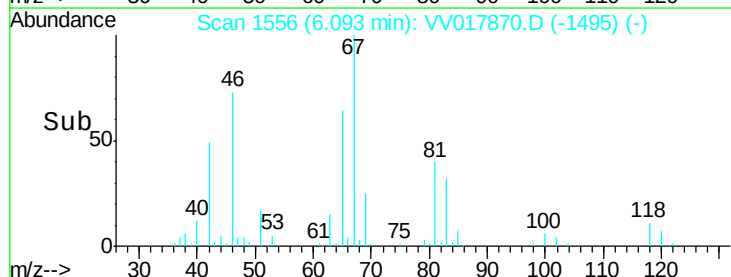
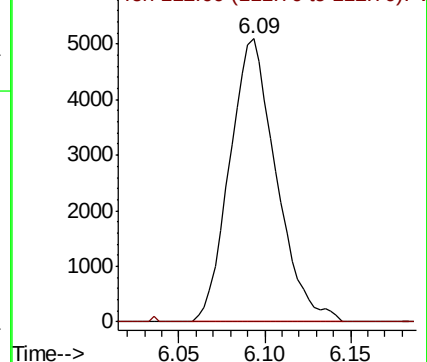
63 100

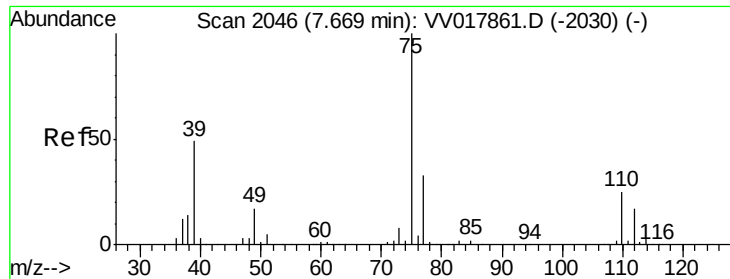
112 0.0 5.8 8.6#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V





#44

trans-1,3-Dichloropropene

Concen: 1.008 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.02 min

Lab File: VV017870.D

Acq: 08 Aug 2020 21:42

Instrument :

MSVOA_V

ClientSampled :

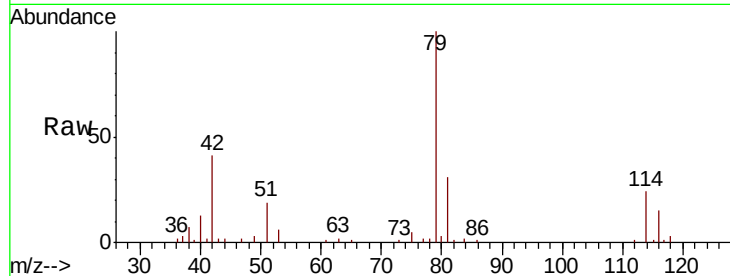
F2L57

Tot Ion: 75 Resp: 1967

Ion Ratio Lower Upper

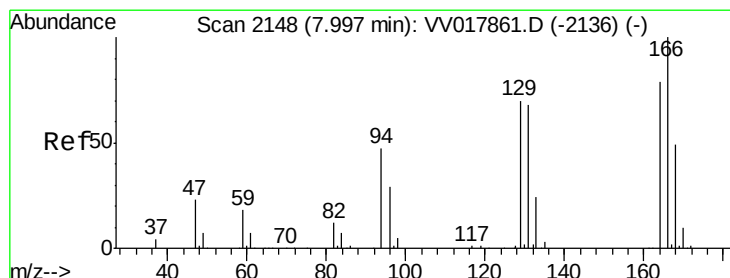
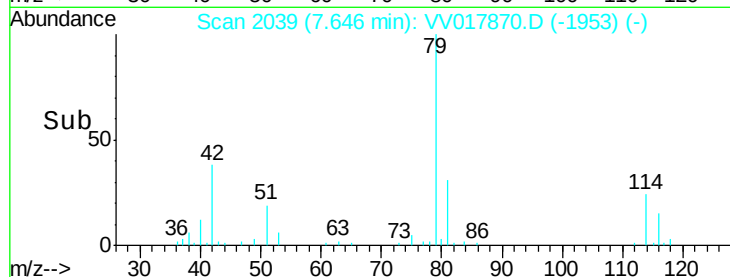
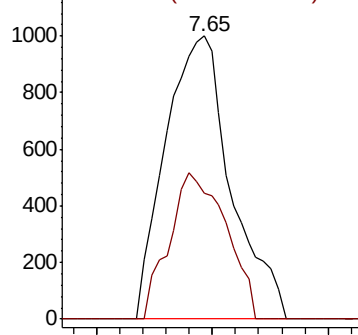
75 100

77 44.6 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#46

Tetrachloroethene

Concen: 10.170 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV017870.D

Acq: 08 Aug 2020 21:42

Tgt Ion:164 Resp: 14292

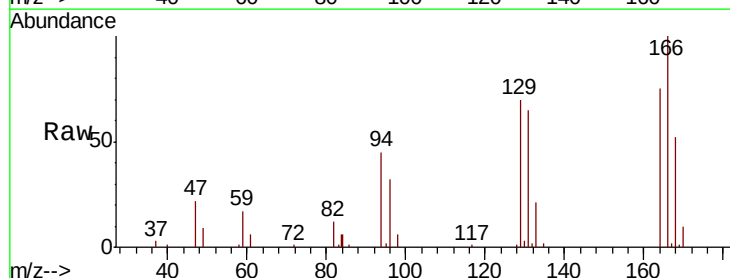
Ion Ratio Lower Upper

164 100

129 94.5 61.6 114.4

131 86.6 59.6 110.8

166 134.1 87.2 161.9



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

