

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017930.D
 Acq On : 12 Aug 2020 16:00
 Operator : SY/MD
 Sample : L3644-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L66

Quant Time: Aug 13 05:22:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 04:34:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	252662	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	245991	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	107925	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	93387	48.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.88%
7) Chloroethane-d5	1.57	69	75978	48.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.34%
11) 1,1-Dichloroethene-d2	2.12	63	132312	35.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.76%
21) 2-Butanone-d5	3.91	46	137580	108.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.96%
24) Chloroform-d	4.37	84	170083	48.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.94%
26) 1,2-Dichloroethane-d4	5.06	65	116225	50.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.98%
32) Benzene-d6	5.07	84	339277	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.10%
36) 1,2-Dichloropropane-d6	6.09	67	112599	50.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.60%
41) Toluene-d8	7.34	98	297154	48.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.48%
43) trans-1,3-Dichloropropene-	7.64	79	48975	48.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.44%
47) 2-Hexanone-d5	8.11	63	72776	102.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.32%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	140798	48.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.56%
64) 1,2-Dichlorobenzene-d4	11.65	152	115397	54.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.66%

Target Compounds

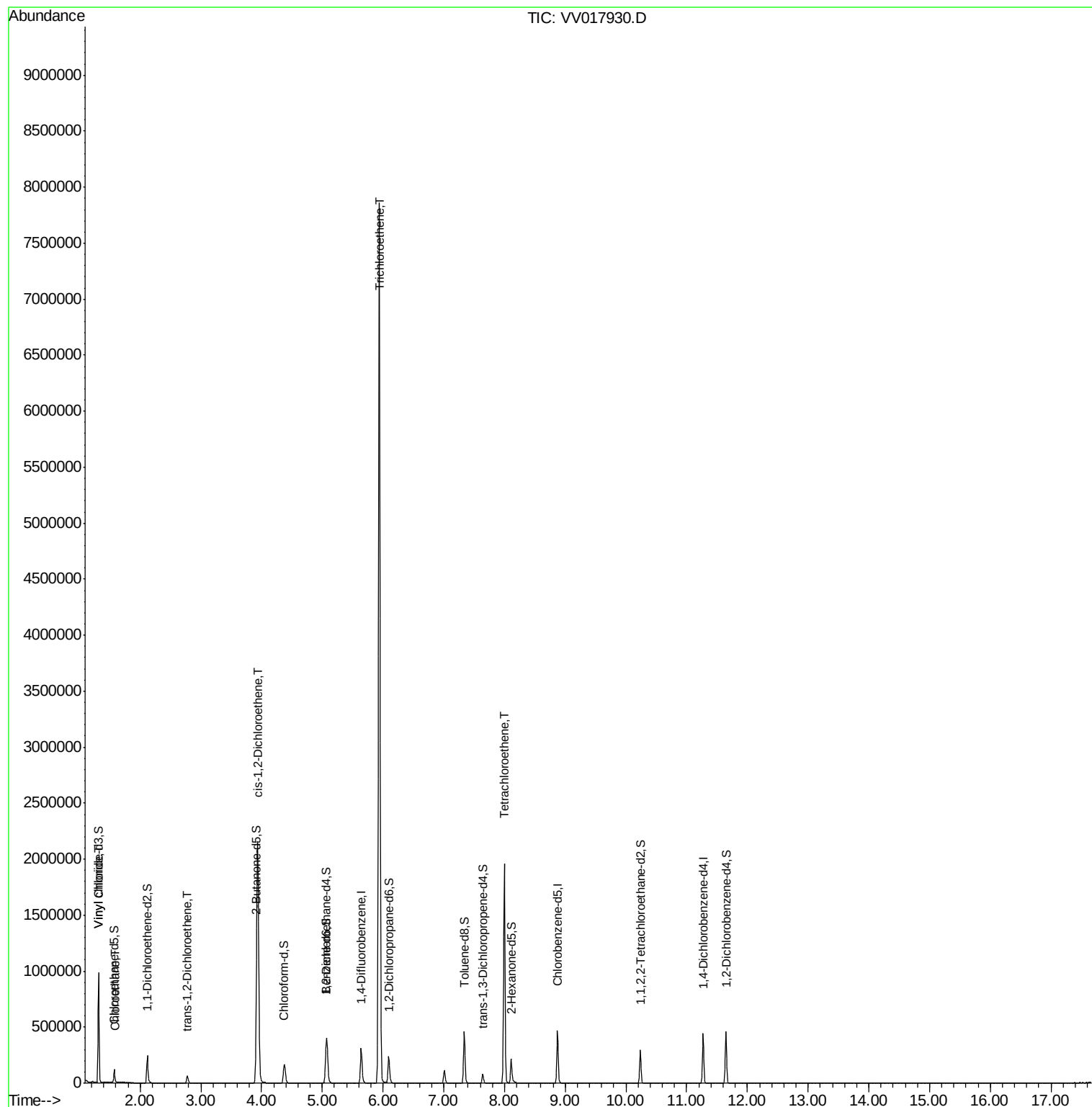
					Ovalue
5) Vinyl chloride	1.32	62	522738	232.840	ug/L 100
8) Chloroethane	1.59	64	1424	0.994	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	23001	13.202	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	1163043	607.485	ug/L 99
34) Trichloroethene	5.94	95	2700917	1342.609	ug/L 99
46) Tetrachloroethene	8.00	164	427489	289.752	ug/L 99

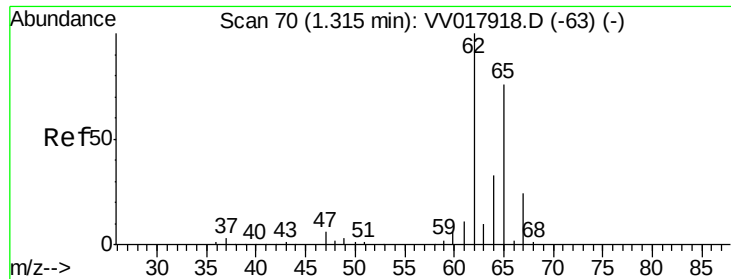
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081220\
Data File : VV017930.D
Acq On : 12 Aug 2020 16:00
Operator : SY/MD
Sample : L3644-10
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2L66

Quant Time: Aug 13 05:22:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 13 04:34:59 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 232.840 ug/L

RT: 1.32 min Scan# 70

Delta R.T. 0.00 min

Lab File: VV017930.D

Acq: 12 Aug 2020 16:00

Instrument :

MSVOA_V

ClientSampled :

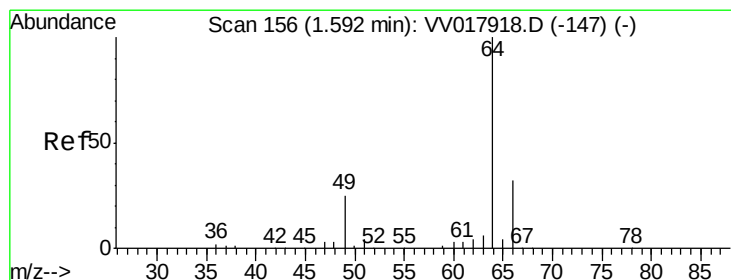
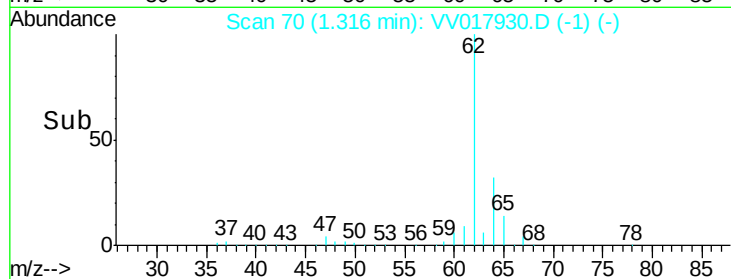
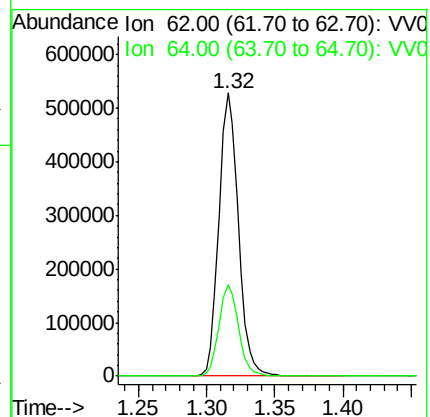
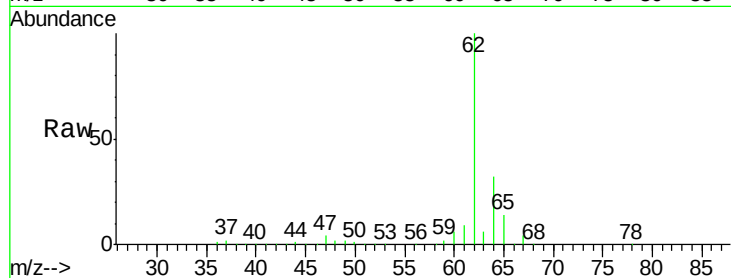
F2L66

Tot Ion: 62 Resp: 522738

Ion Ratio Lower Upper

62 100

64 32.1 22.4 41.6



#8

Chloroethane

Concen: 0.994 ug/L

RT: 1.59 min Scan# 156

Delta R.T. 0.00 min

Lab File: VV017930.D

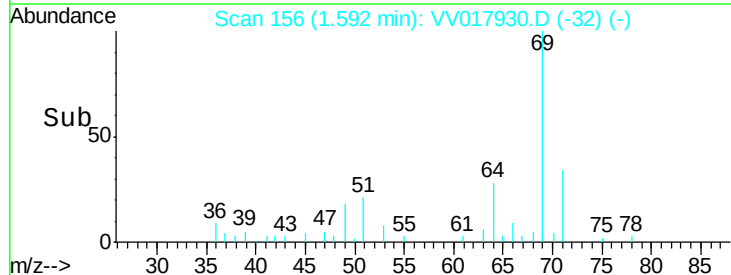
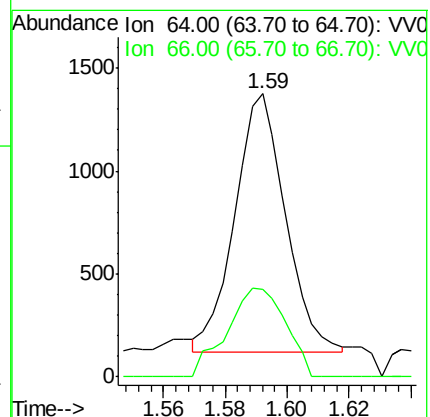
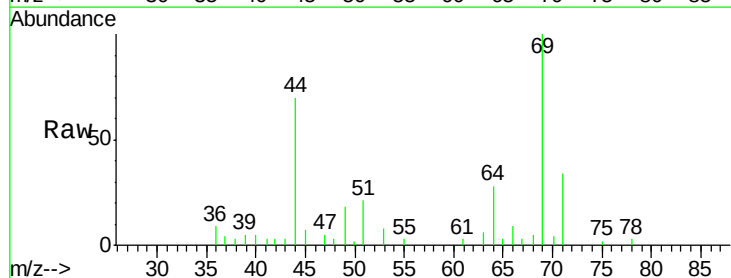
Acq: 12 Aug 2020 16:00

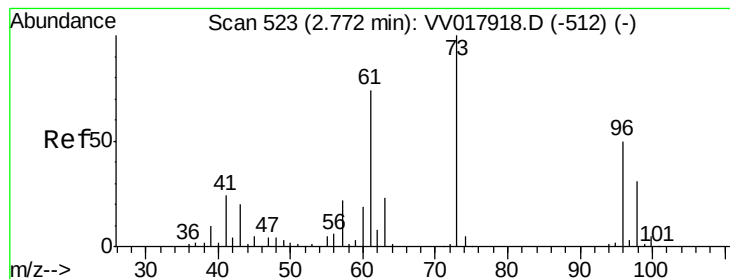
Tgt Ion: 64 Resp: 1424

Ion Ratio Lower Upper

64 100

66 31.0 22.3 41.3





#17

trans-1,2-Dichloroethene

Concen: 13.202 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.01 min

Lab File: VV017930.D

Acq: 12 Aug 2020 16:00

Instrument :

MSVOA_V

ClientSampleId :

F2L66

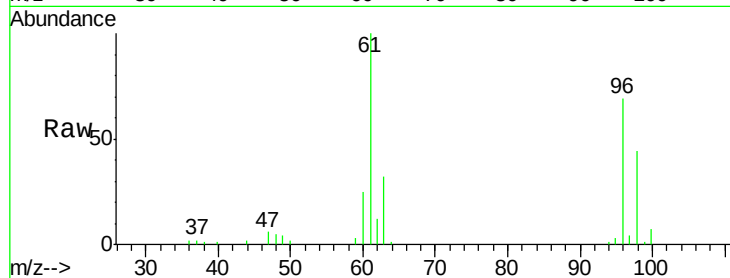
Tot Ion: 96 Resp: 23001

Ion Ratio Lower Upper

96 100

61 145.2 102.4 190.2

98 64.2 44.4 82.5

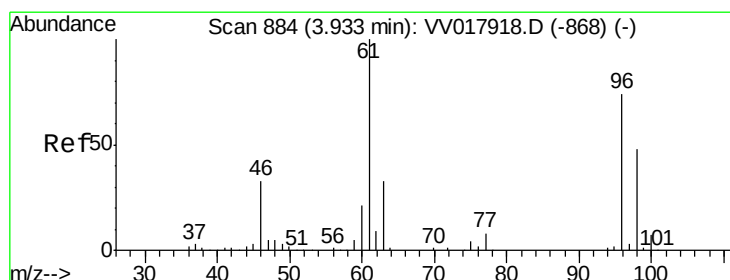
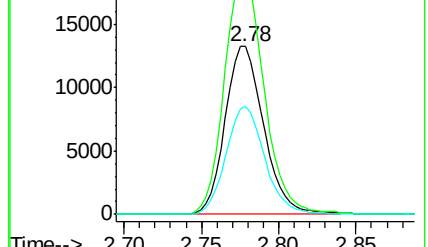
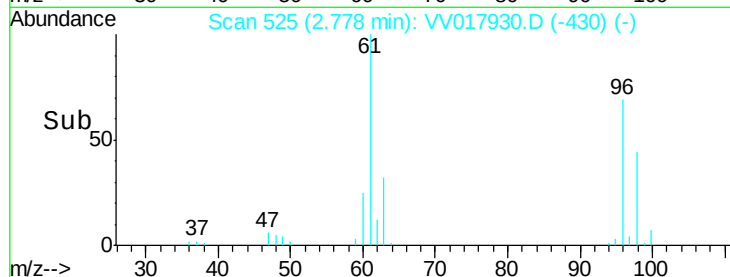


Abundance Ion 96.00 (95.70 to 96.70): VV017918.D (-512) (-)

Ion 61.00 (60.70 to 61.70): VV017918.D (-512) (-)

Ion 98.00 (97.70 to 98.70): VV017918.D (-512) (-)

Time-->



#20

cis-1,2-Dichloroethene

Concen: 607.485 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

Lab File: VV017930.D

Acq: 12 Aug 2020 16:00

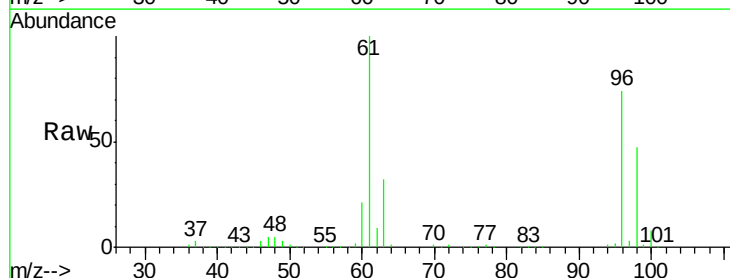
Tgt Ion: 96 Resp: 1163043

Ion Ratio Lower Upper

96 100

61 134.2 95.0 176.4

68 0.0 0.0 0.0

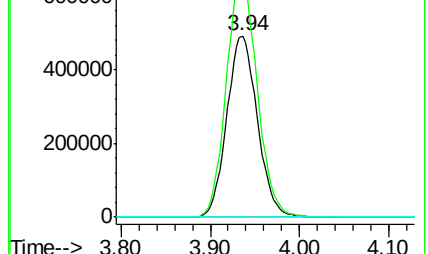
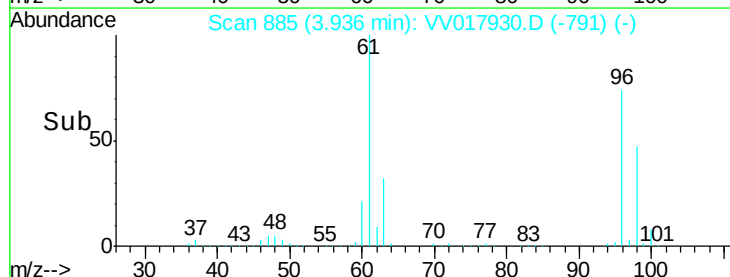


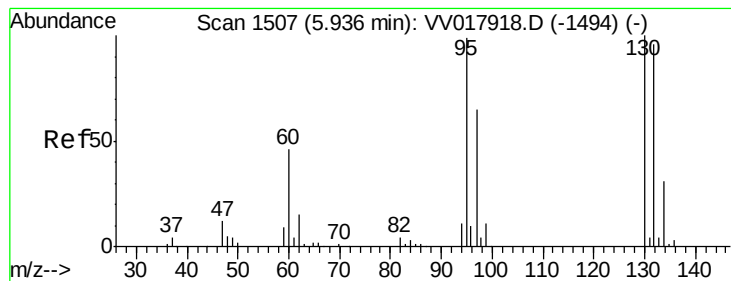
Abundance Ion 96.00 (95.70 to 96.70): VV017918.D (-868) (-)

Ion 61.00 (60.70 to 61.70): VV017918.D (-868) (-)

Ion 68.00 (67.70 to 68.70): VV017918.D (-868) (-)

Time-->





#34

Trichloroethene

Concen: 1342.609 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017930.D

Acq: 12 Aug 2020 16:00

Instrument :

MSVOA_V

ClientSampleId :

F2L66

Tot Ion: 95 Resp: 2700917

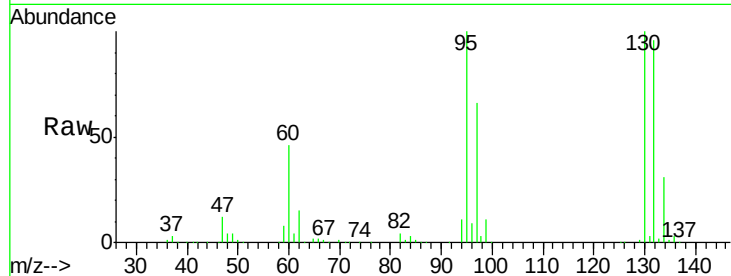
Ion Ratio Lower Upper

95 100

97 65.6 46.0 85.4

132 96.1 65.8 122.2

130 99.5 69.2 128.6

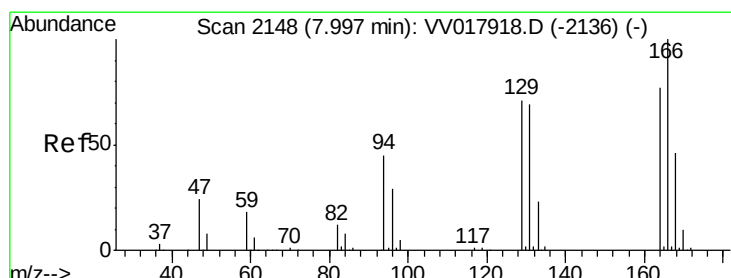
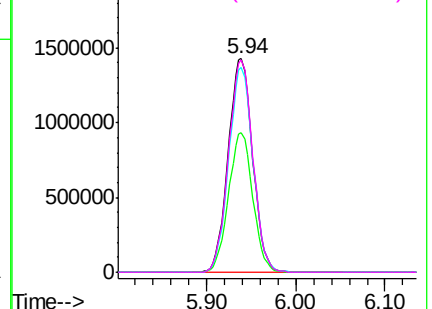
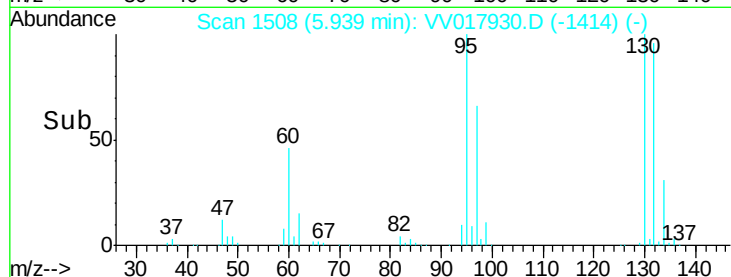


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#46

Tetrachloroethene

Concen: 289.752 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017930.D

Acq: 12 Aug 2020 16:00

Tgt Ion: 164 Resp: 427489

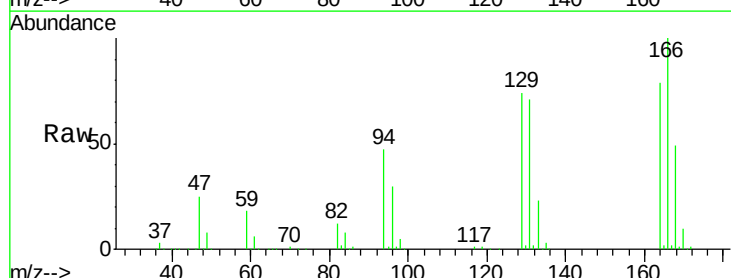
Ion Ratio Lower Upper

164 100

129 93.5 64.8 120.3

131 90.0 64.5 119.9

166 126.3 88.9 165.1



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

