

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017929.D
 Acq On : 12 Aug 2020 15:37
 Operator : SY/MD
 Sample : L3644-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L65

Quant Time: Aug 13 05:17:46 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	254338	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	247293	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	108625	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	92885	47.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.72%
7) Chloroethane-d5	1.57	69	74136	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.12	63	131793	35.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.00%
21) 2-Butanone-d5	3.91	46	131712	103.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.63%
24) Chloroform-d	4.38	84	168476	47.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.38%
26) 1,2-Dichloroethane-d4	5.06	65	116007	50.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.12%
32) Benzene-d6	5.07	84	338012	49.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.09	67	110491	49.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.18%
41) Toluene-d8	7.34	98	294082	47.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.96%
43) trans-1,3-Dichloropropene-	7.64	79	47702	47.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.40%
47) 2-Hexanone-d5	8.11	63	72185	100.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.96%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	141264	48.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.38%
64) 1,2-Dichlorobenzene-d4	11.65	152	114062	53.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.70%

Target Compounds

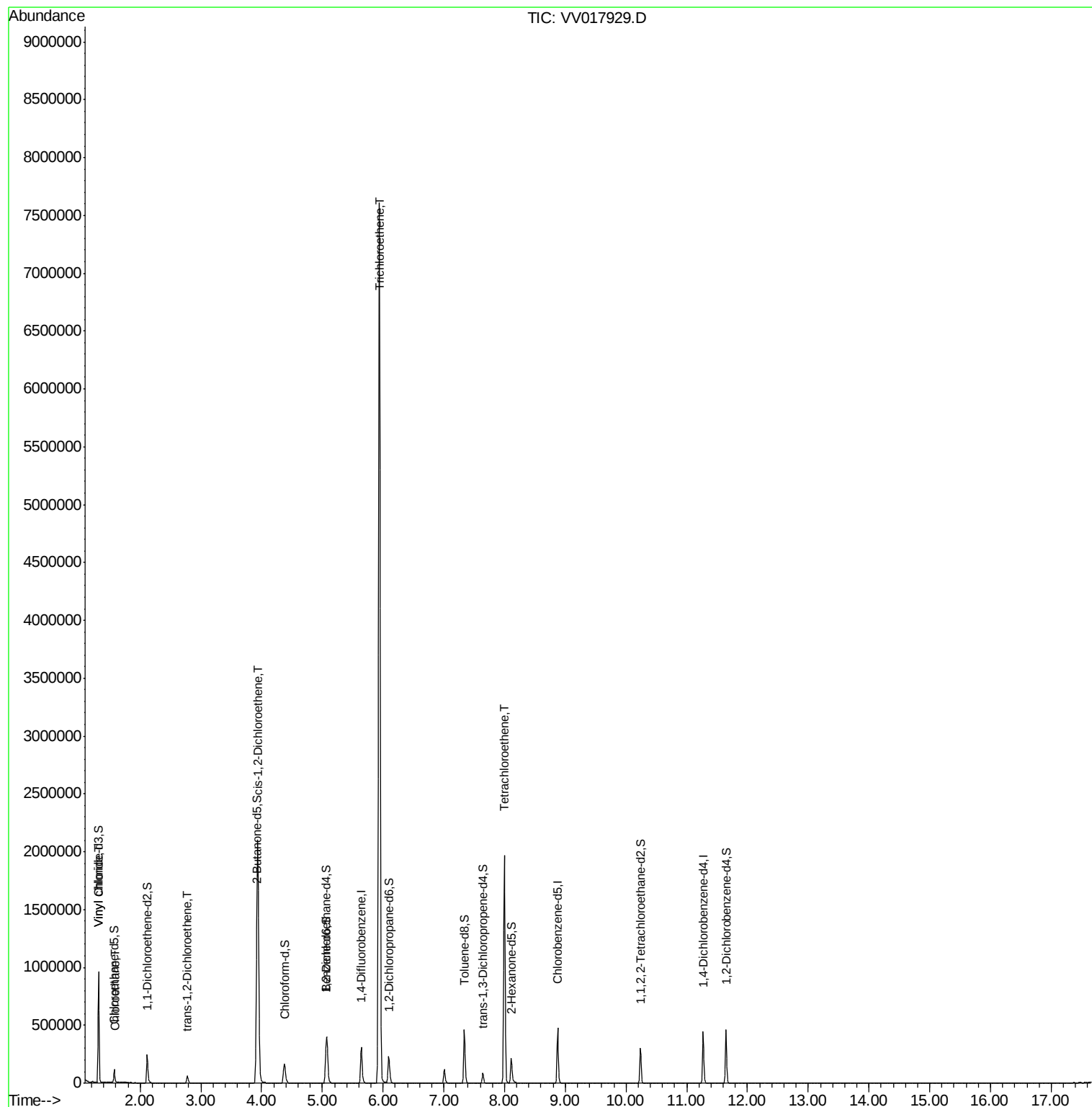
					Ovalue
5) Vinyl chloride	1.32	62	507325	224.485	ug/L 99
8) Chloroethane	1.59	64	1320	0.915	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	22071	12.585	ug/L 95
20) cis-1,2-Dichloroethene	3.94	96	1135179	589.024	ug/L 99
34) Trichloroethene	5.94	95	2626313	1298.650	ug/L 99
46) Tetrachloroethene	8.00	164	428129	288.658	ug/L 98

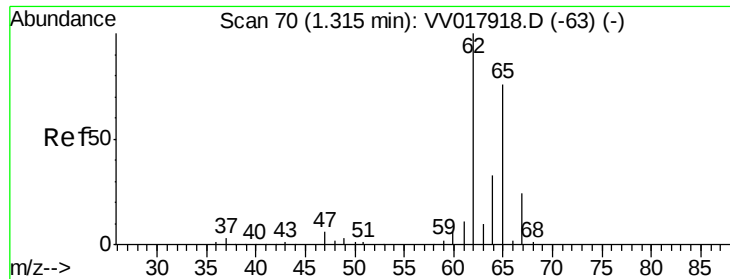
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 224.485 ug/L

RT: 1.32 min Scan# 70

Delta R.T. 0.00 min

Lab File: VV017929.D

Acq: 12 Aug 2020 15:37

Instrument :

MSVOA_V

ClientSampleId :

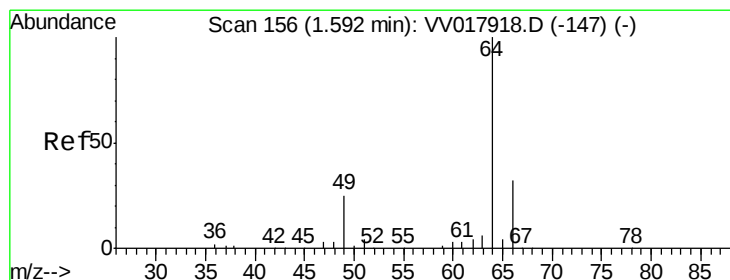
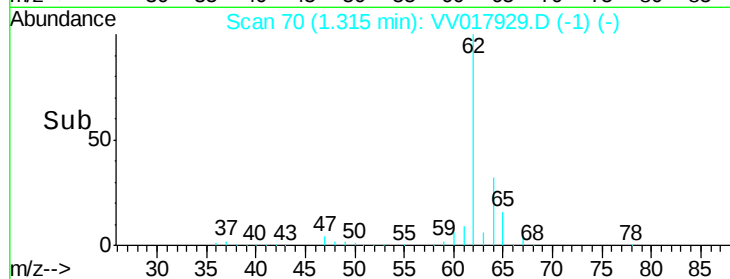
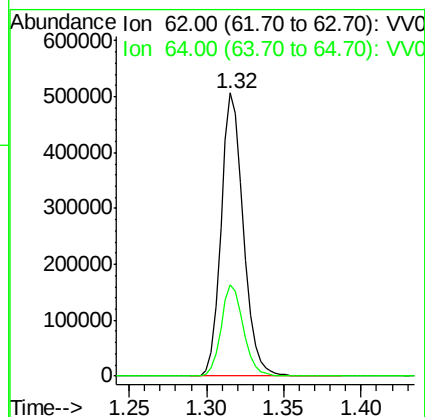
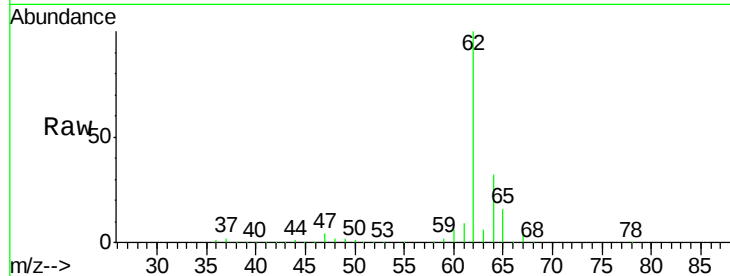
F2L65

Tot Ion: 62 Resp: 507325

Ion Ratio Lower Upper

62 100

64 32.5 22.4 41.6



#8

Chloroethane

Concen: 0.915 ug/L

RT: 1.59 min Scan# 156

Delta R.T. 0.00 min

Lab File: VV017929.D

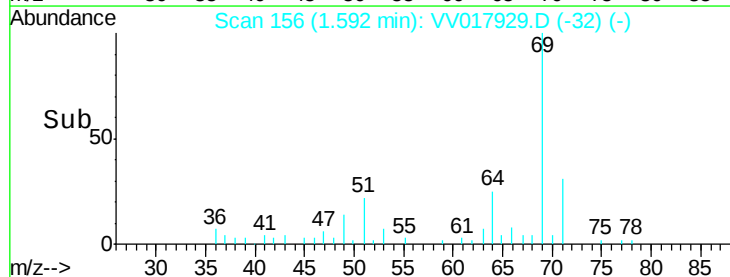
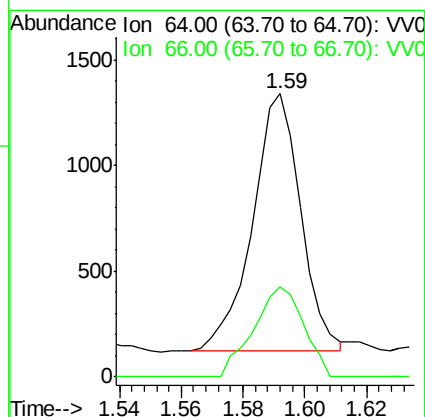
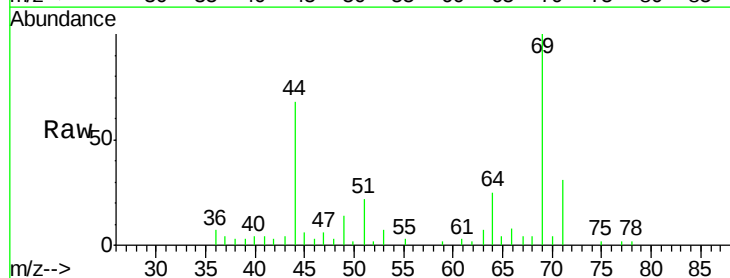
Acq: 12 Aug 2020 15:37

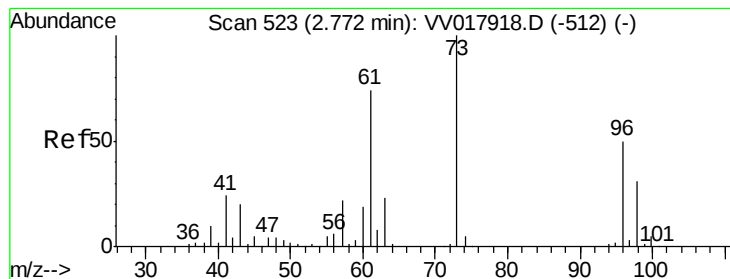
Tgt Ion: 64 Resp: 1320

Ion Ratio Lower Upper

64 100

66 31.9 22.3 41.3





#17

trans-1,2-Dichloroethene

Concen: 12.585 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.01 min

Lab File: VV017929.D

Acq: 12 Aug 2020 15:37

Instrument :

MSVOA_V

ClientSampled :

F2L65

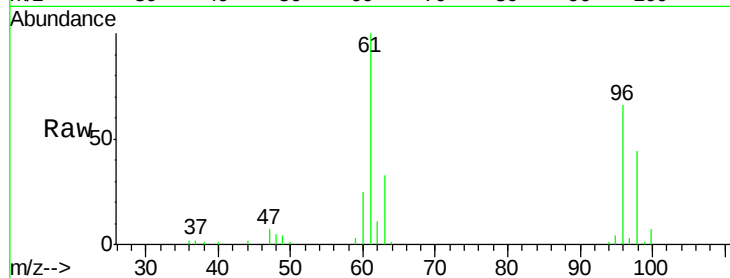
Tot Ion: 96 Resp: 22071

Ion Ratio Lower Upper

96 100

61 151.9 102.4 190.2

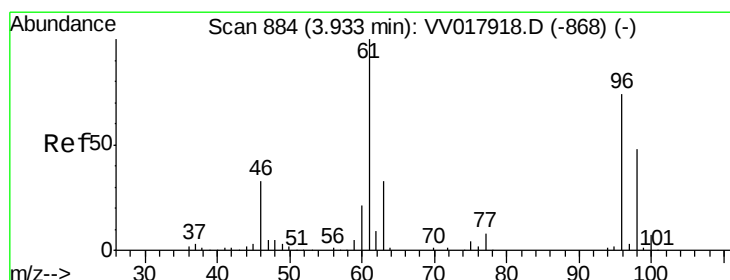
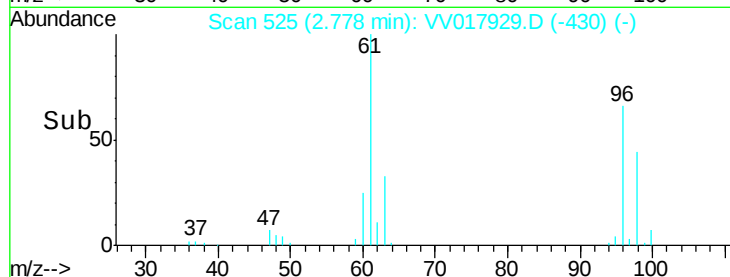
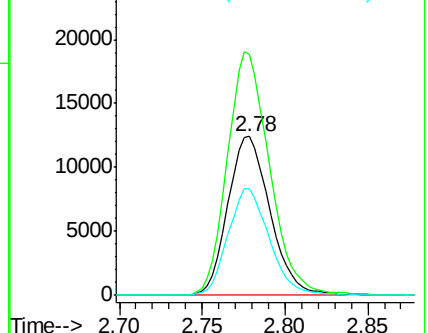
98 67.1 44.4 82.5



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: 589.024 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

Lab File: VV017929.D

Acq: 12 Aug 2020 15:37

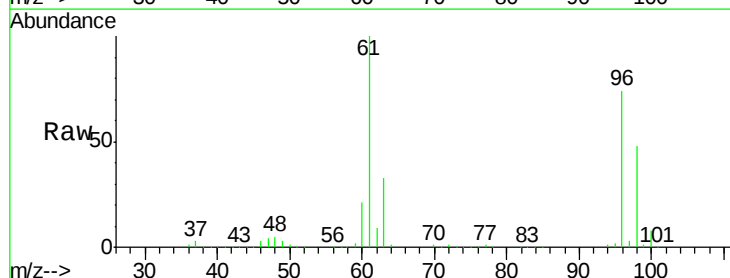
Tgt Ion: 96 Resp: 1135179

Ion Ratio Lower Upper

96 100

61 134.7 95.0 176.4

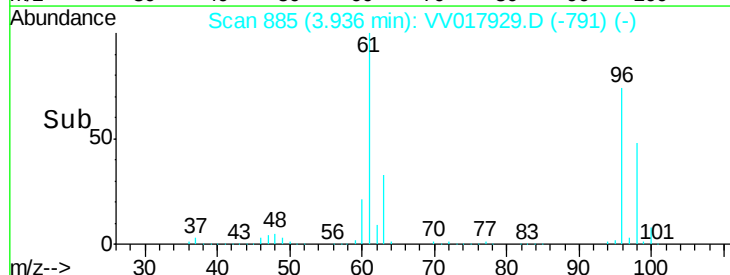
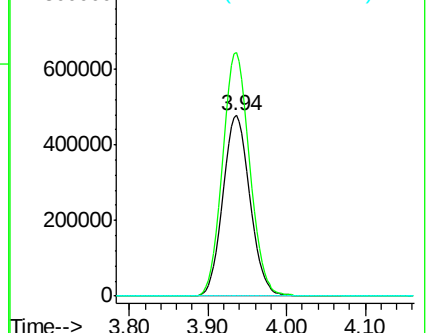
68 0.0 0.0 0.0

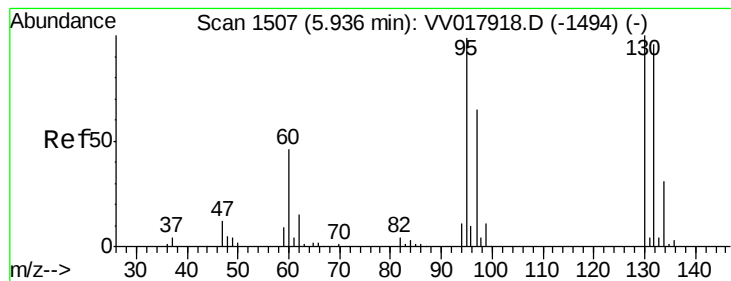


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#34

Trichloroethene

Concen: 1298.650 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017929.D

Acq: 12 Aug 2020 15:37

Instrument :

MSVOA_V

ClientSampleId :

F2L65

Tot Ion: 95 Resp: 2626313

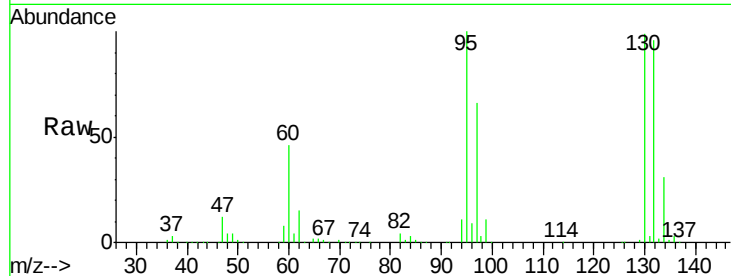
Ion Ratio Lower Upper

95 100

97 65.5 46.0 85.4

132 95.8 65.8 122.2

130 99.1 69.2 128.6



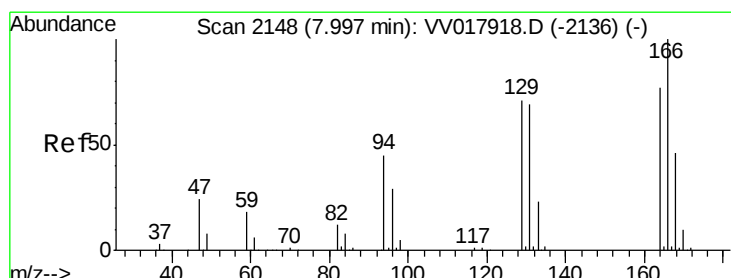
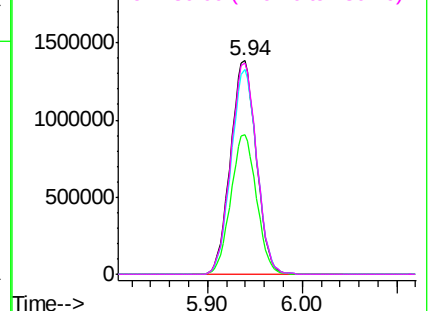
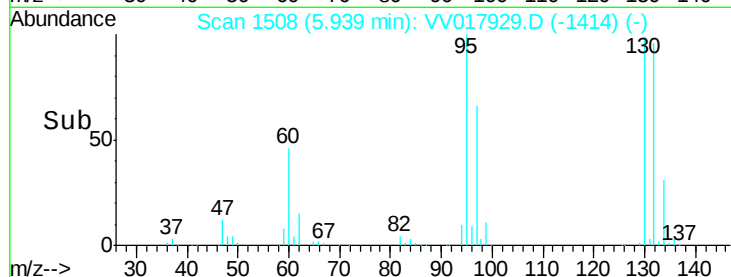
Abundance

Ion 95.00 (94.70 to 95.70): VV017929.D (-1414) (-)

Ion 97.00 (96.70 to 97.70): VV017929.D (-1414) (-)

Ion 132.00 (131.70 to 132.70): VV017929.D (-1414) (-)

Ion 130.00 (129.70 to 130.70): VV017929.D (-1414) (-)



#46

Tetrachloroethene

Concen: 288.658 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017929.D

Acq: 12 Aug 2020 15:37

Tgt Ion: 164 Resp: 428129

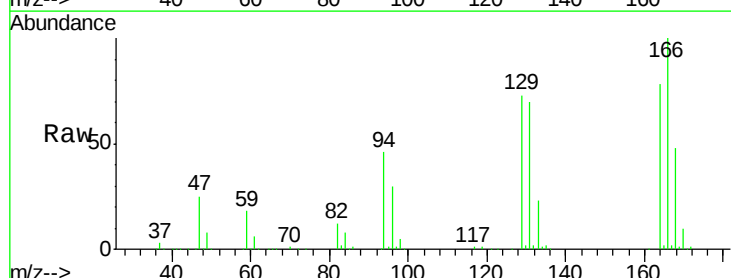
Ion Ratio Lower Upper

164 100

129 94.1 64.8 120.3

131 90.2 64.5 119.9

166 128.5 88.9 165.1



Abundance

Ion 164.00 (163.70 to 164.70): VV017929.D (-2055) (-)

Ion 129.00 (128.70 to 129.70): VV017929.D (-2055) (-)

Ion 131.00 (130.70 to 131.70): VV017929.D (-2055) (-)

Ion 166.00 (165.70 to 166.70): VV017929.D (-2055) (-)

