

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016590.D
 Acq On : 06 Jun 2020 15:16
 Operator : SY/MD
 Sample : L2895-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW0K6

Quant Time: Jun 06 23:50:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 23:47:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	371498	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	346347	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	162447	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95356	36.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.48%
7) Chloroethane-d5	1.57	69	75275	39.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.26%
11) 1,1-Dichloroethene-d2	2.12	63	139662	29.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.88%#
21) 2-Butanone-d5	3.89	46	179453	106.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.66%
24) Chloroform-d	4.37	84	224102	45.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.76%
26) 1,2-Dichloroethane-d4	5.05	65	160734	48.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.22%
32) Benzene-d6	5.07	84	447476	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.46%
36) 1,2-Dichloropropane-d6	6.09	67	142914	49.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.88%
41) Toluene-d8	7.34	98	405166	48.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.18%
43) trans-1,3-Dichloropropene-	7.64	79	66256	47.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.06%
47) 2-Hexanone-d5	8.11	63	132554	107.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.07%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	189462	48.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	165128	54.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.18%

Target Compounds

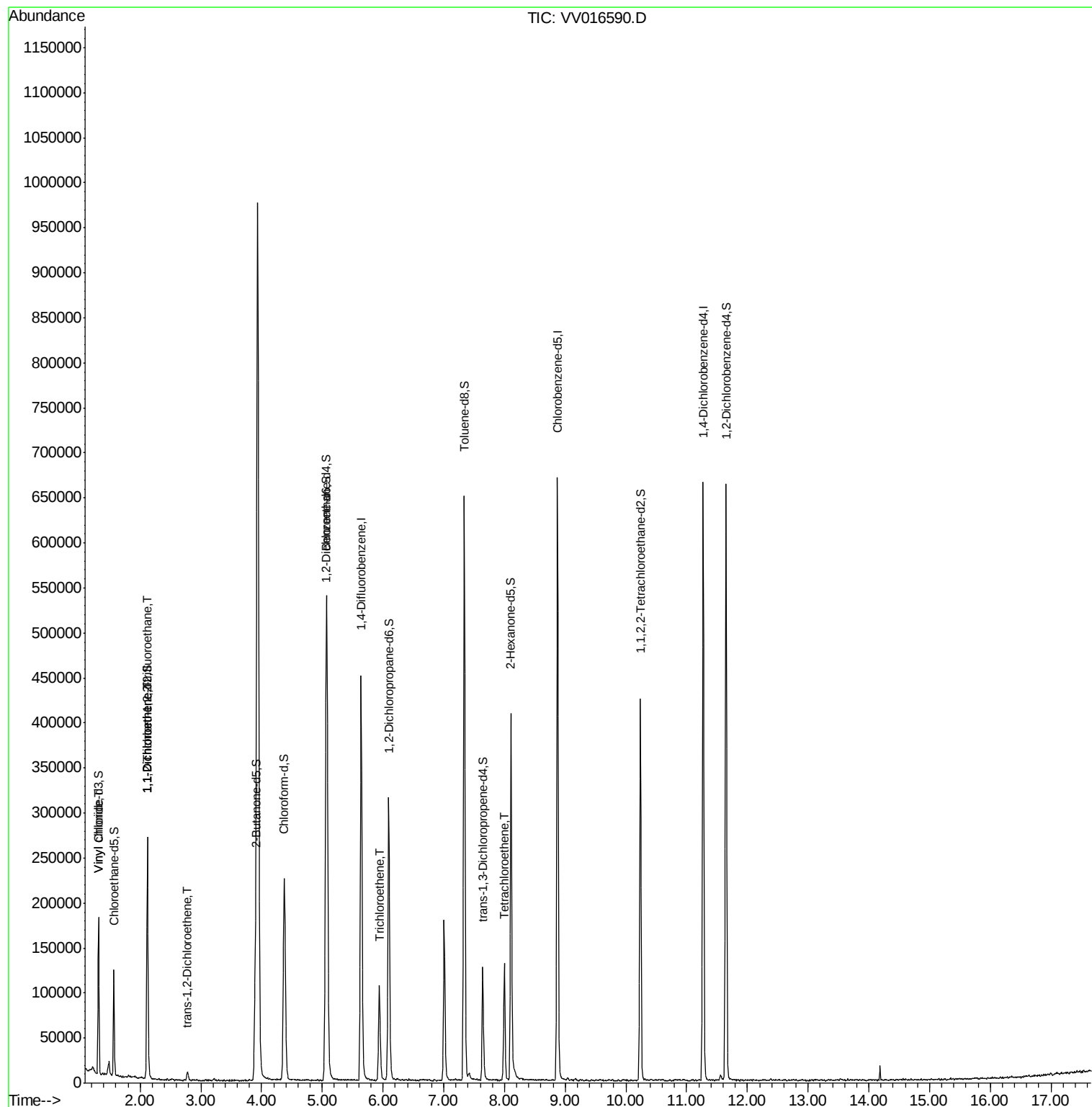
					Ovalue
5) Vinyl chloride	1.32	62	10957	3.840	ug/L 83
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1479	0.690	ug/L # 22
12) 1,1-Dichloroethene	2.12	96	2623	1.272	ug/L # 1
17) trans-1,2-Dichloroethene	2.78	96	3294	1.266	ug/L 90
34) Trichloroethene	5.94	95	34781	13.013	ug/L 92
46) Tetrachloroethene	8.00	164	27767	13.474	ug/L 97

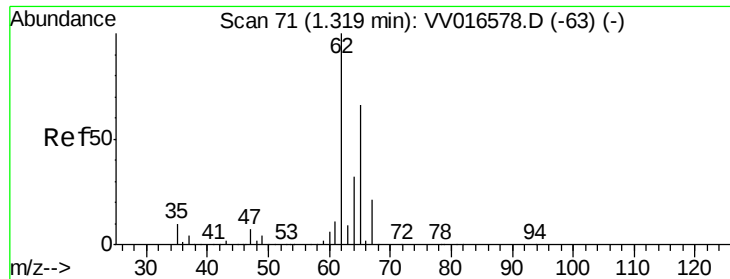
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 06 23:47:35 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.840 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016590.D

Acq: 06 Jun 2020 15:16

Instrument :

MSVOA_V

ClientSampleId :

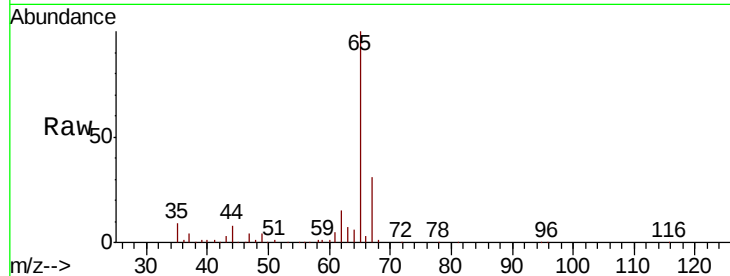
EW0K6

Tot Ion: 62 Resp: 10957

Ion Ratio Lower Upper

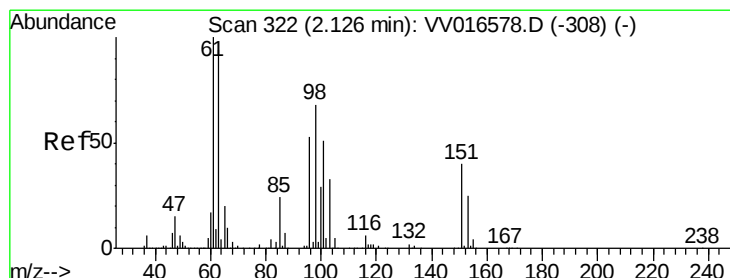
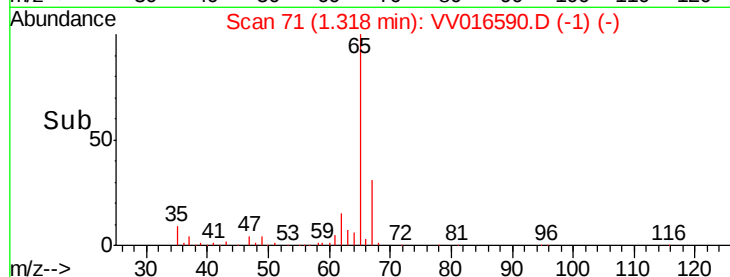
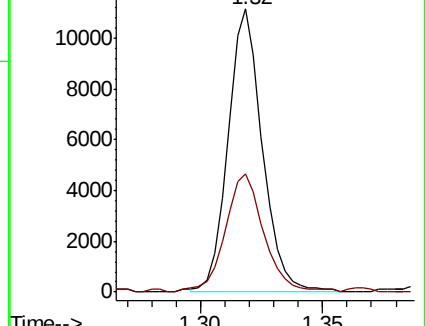
62 100

64 41.9 22.7 42.1



Abundance Ion 62.00 (61.70 to 62.70): VV016578.D (-63) (-)

Ion 64.00 (63.70 to 64.70): VV016590.D (-1) (-)



#10

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

Concen: 0.690 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016590.D

Acq: 06 Jun 2020 15:16

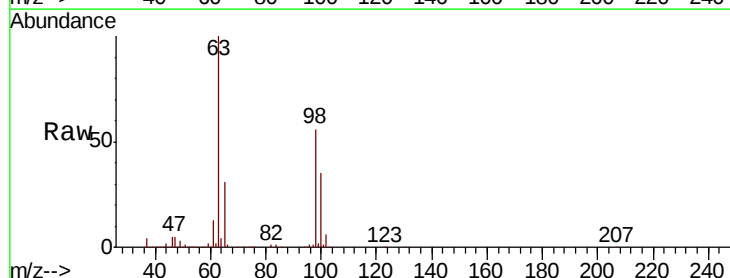
Tgt Ion:101 Resp: 1479

Ion Ratio Lower Upper

101 100

85 6.3 35.6 53.4#

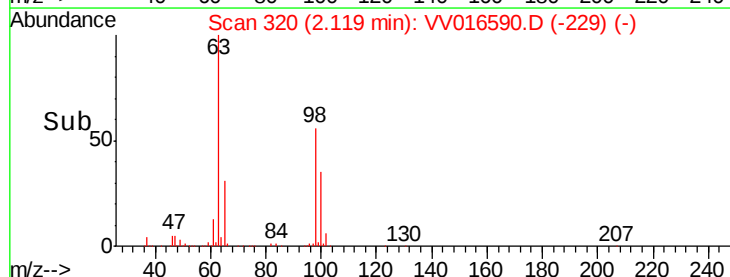
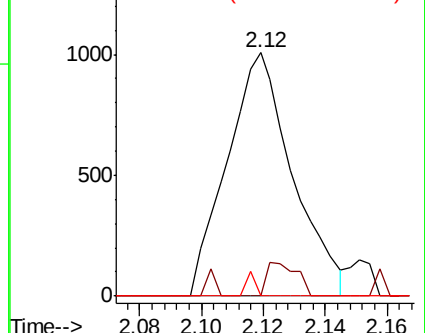
151 0.0 61.8 92.8#

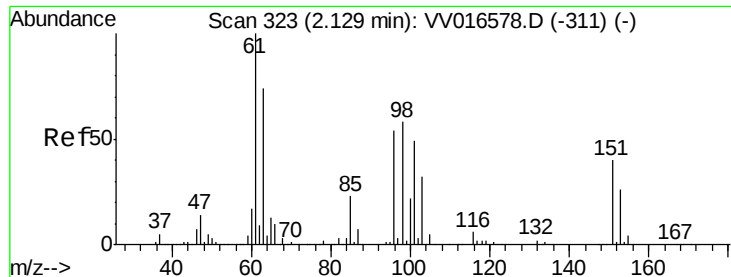


Abundance Ion 101.00 (100.70 to 101.70): VV016578.D (-308) (-)

Ion 85.00 (84.70 to 85.70): VV016590.D (-229) (-)

Ion 151.00 (150.70 to 151.70): VV016590.D (-229) (-)





#12

1,1-Dichloroethene

Concen: 1.272 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016590.D

Acq: 06 Jun 2020 15:16

Instrument :

MSVOA_V

ClientSampleId :

EW0K6

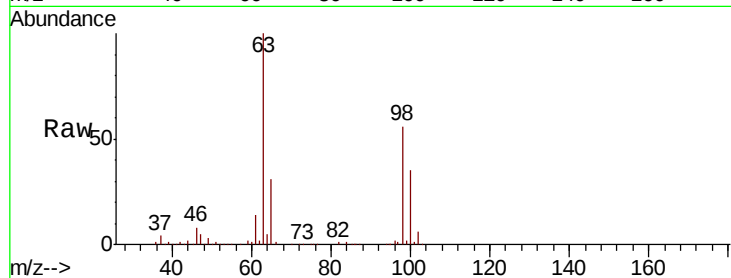
Tot Ion: 96 Resp: 2623

Ion Ratio Lower Upper

96 100

61 814.0 125.5 233.1#

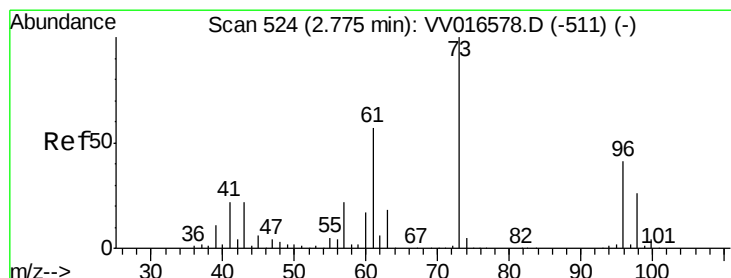
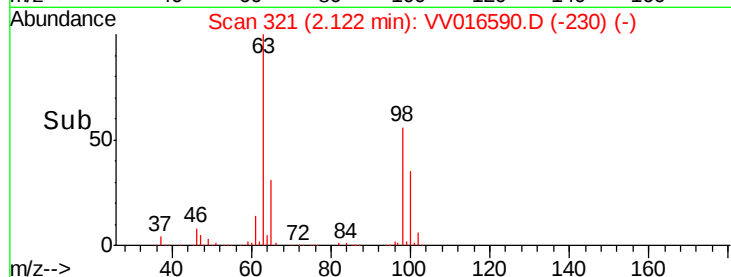
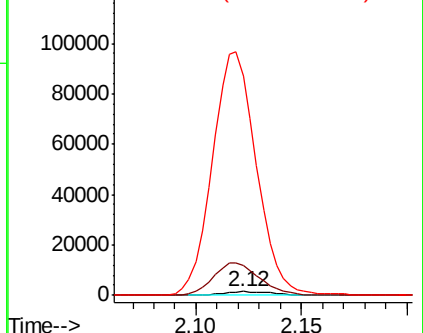
63 5980.8 104.0 193.1#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0



#17

trans-1,2-Dichloroethene

Concen: 1.266 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV016590.D

Acq: 06 Jun 2020 15:16

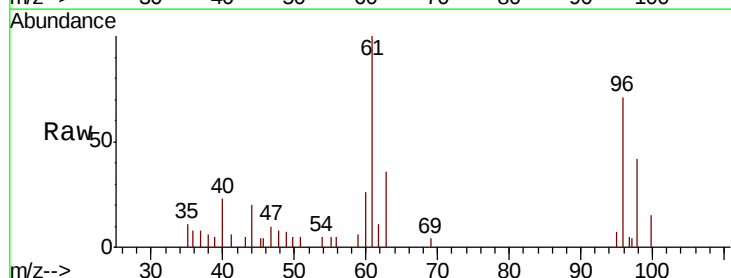
Tgt Ion: 96 Resp: 3294

Ion Ratio Lower Upper

96 100

61 132.2 101.0 187.6

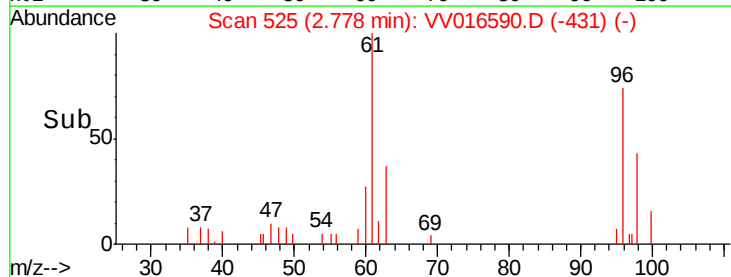
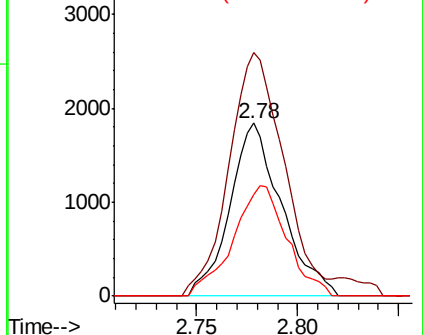
98 54.9 44.7 83.1

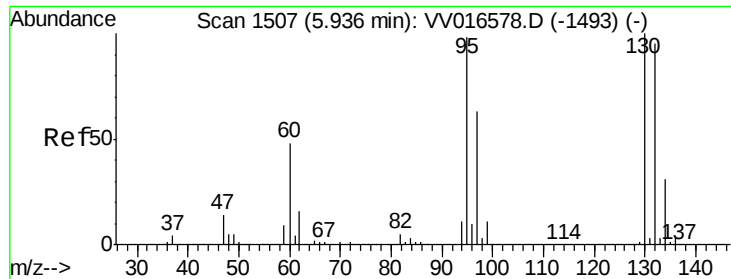


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#34

Trichloroethene

Concen: 13.013 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV016590.D

Acq: 06 Jun 2020 15:16

Instrument :

MSVOA_V

ClientSampled :

EW0K6

Tot Ion: 95 Resp: 34781

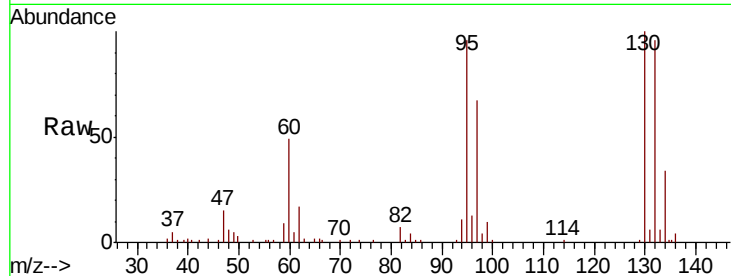
Ion Ratio Lower Upper

95 100

97 70.0 42.8 79.6

132 100.6 65.6 121.8

130 104.3 69.0 128.1

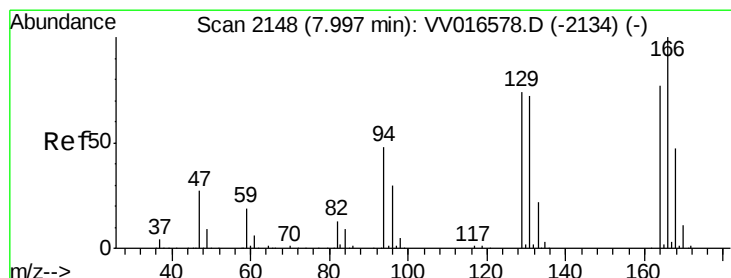
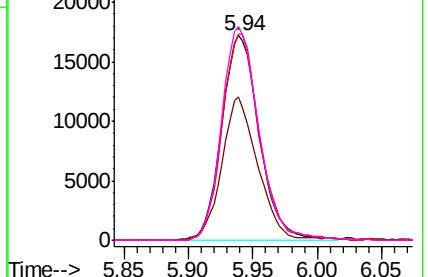
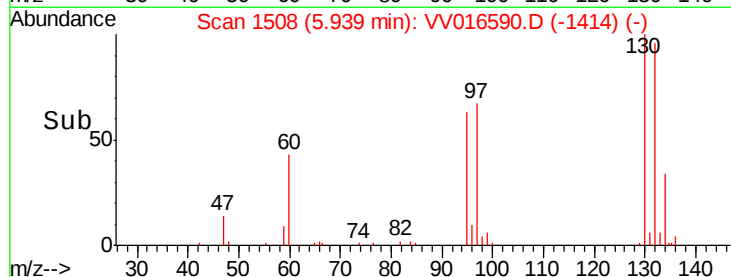


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 13.474 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV016590.D

Acq: 06 Jun 2020 15:16

Tgt Ion: 164 Resp: 27767

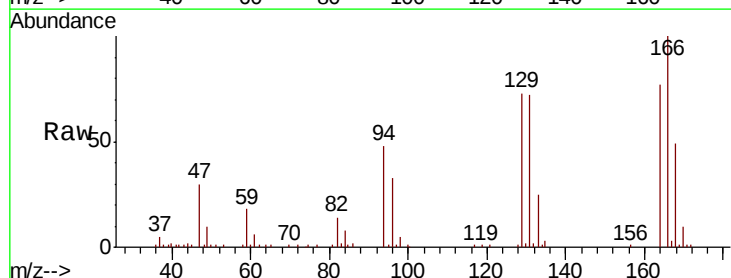
Ion Ratio Lower Upper

164 100

129 94.8 67.7 125.7

131 94.3 63.8 118.6

166 130.5 88.7 164.7



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

