

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070920\
 Data File : VV017426.D
 Acq On : 10 Jul 2020 02:29
 Operator : SY/MD
 Sample : L3253-19
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A39

Quant Time: Jul 10 05:16:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 10 05:13:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	273101	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	258428	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	124725	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56318	39.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.22%
7) Chloroethane-d5	1.58	69	41435	41.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.98%
11) 1,1-Dichloroethene-d2	2.12	63	98438	30.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.16%
21) 2-Butanone-d5	3.90	46	89224	91.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.88%
24) Chloroform-d	4.38	84	141111	42.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.82%
26) 1,2-Dichloroethane-d4	5.06	65	103613	45.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.80%
32) Benzene-d6	5.08	84	246843	44.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.44%
36) 1,2-Dichloropropane-d6	6.09	67	72460	45.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.14%
41) Toluene-d8	7.34	98	230379	42.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.84%
43) trans-1,3-Dichloropropene-	7.64	79	39339	42.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.08%
47) 2-Hexanone-d5	8.11	63	58466	88.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.62%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	97612	43.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.50%
64) 1,2-Dichlorobenzene-d4	11.65	152	100286	48.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.18%

Target Compounds

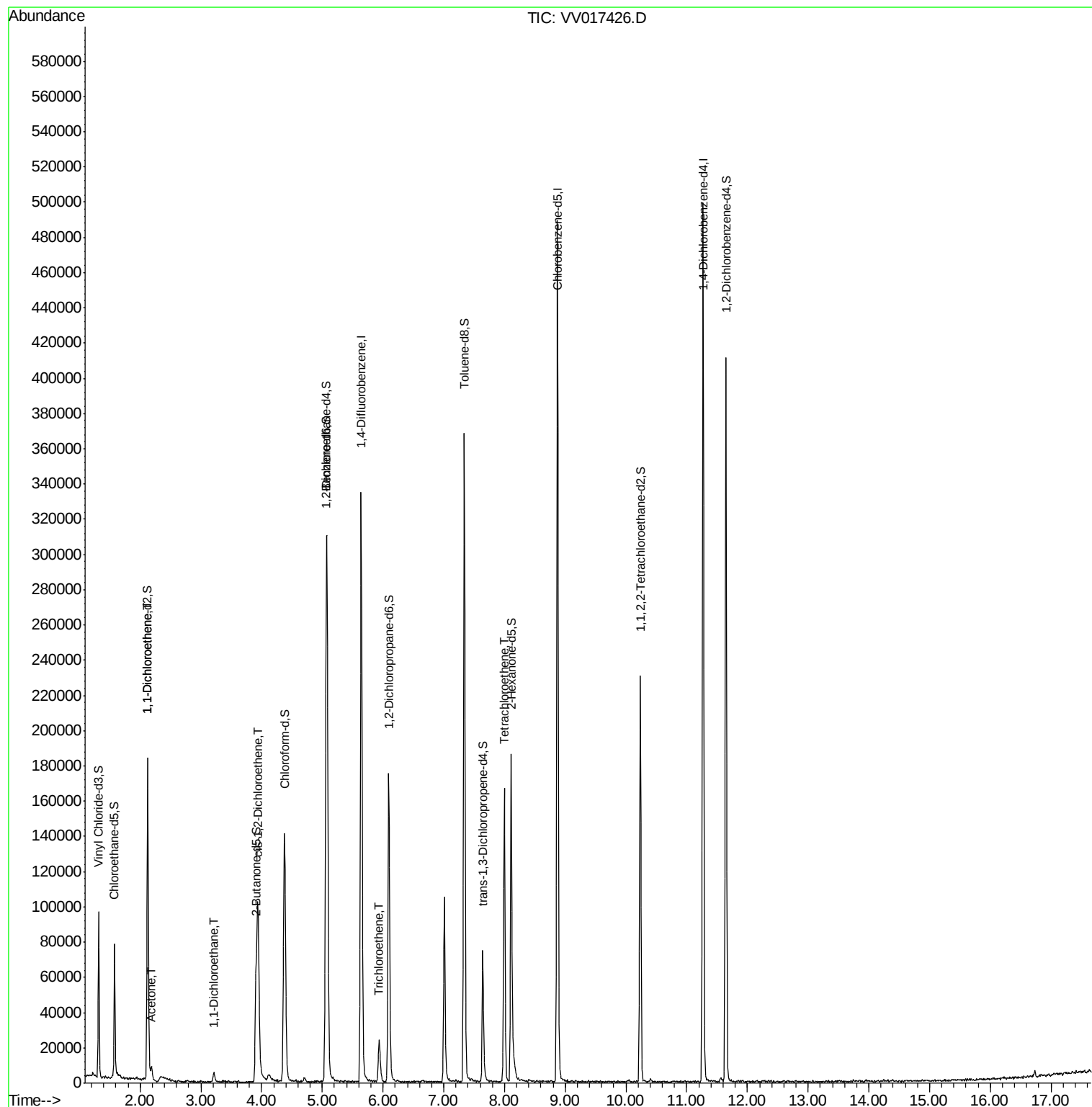
					Ovalue
12) 1,1-Dichloroethene	2.13	96	1522	0.928 ug/L	# 1
13) Acetone	2.19	43	7928	5.997 ug/L	99
19) 1,1-Dichloroethane	3.22	63	4416	1.346 ug/L	96
20) cis-1,2-Dichloroethene	3.94	96	48998	25.636 ug/L	99
34) Trichloroethene	5.94	95	5487	2.705 ug/L	87
46) Tetrachloroethene	8.00	164	35986	21.131 ug/L	95

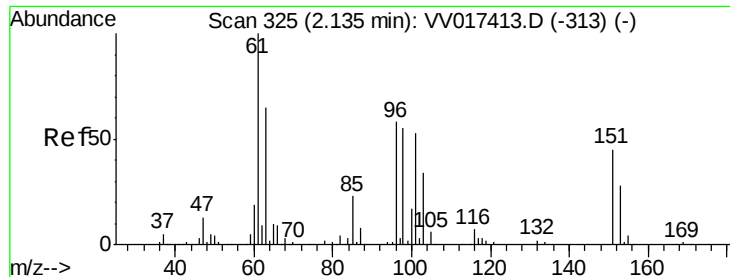
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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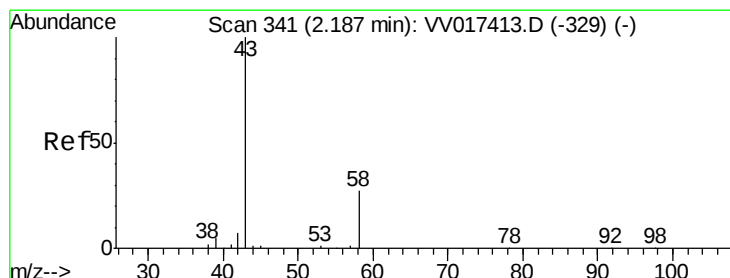
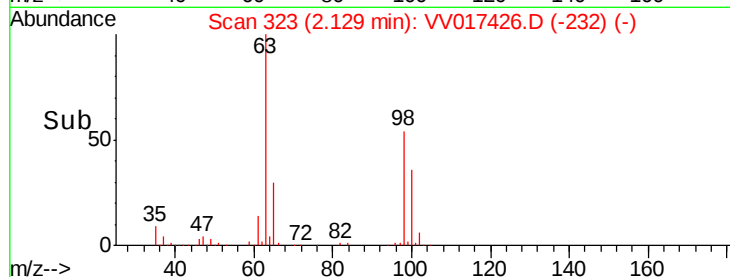
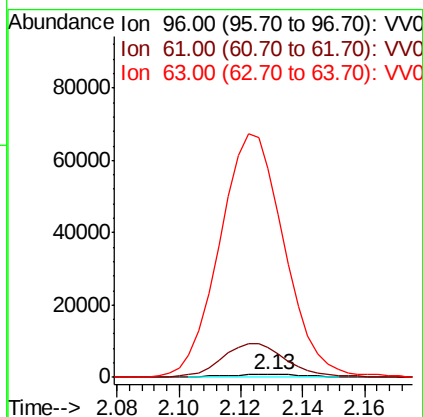
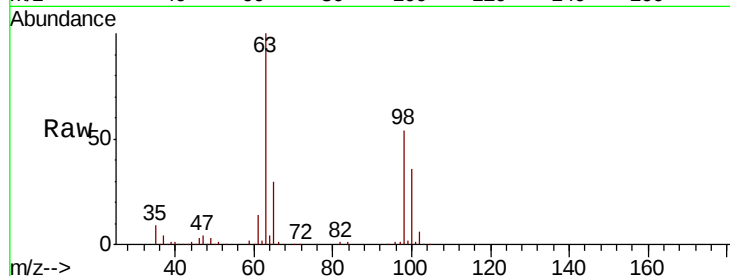




#12
 1,1-Dichloroethene
 Concen: 0.928 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV017426.D
 Acq: 10 Jul 2020 02:29

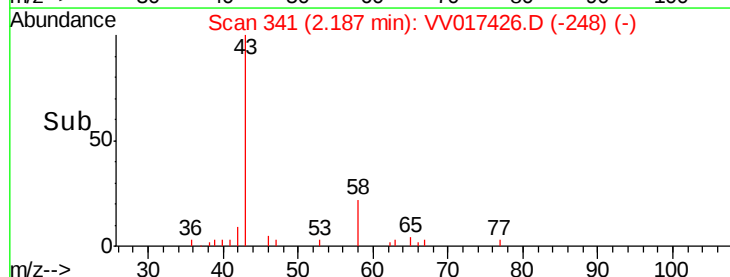
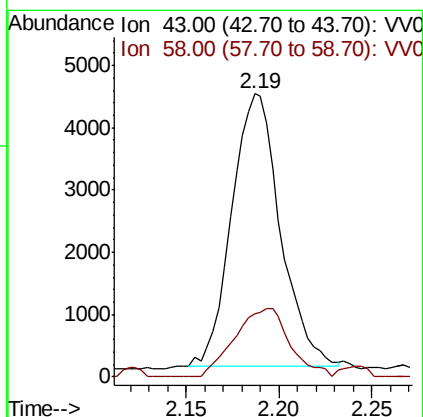
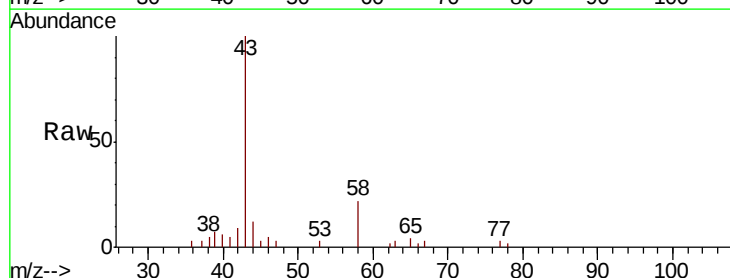
Instrument :
 MSVOA_V
 ClientSampled :
 F4A39

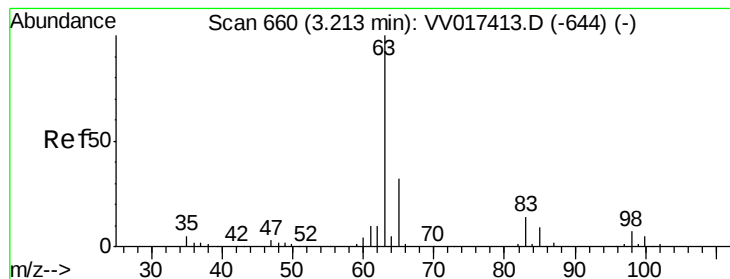
Tot Ion: 96 Resp: 1522
 Ion Ratio Lower Upper
 96 100
 61 1029.5 132.7 246.4#
 63 7242.1 103.3 191.8#



#13
 Acetone
 Concen: 5.997 ug/L
 RT: 2.19 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VV017426.D
 Acq: 10 Jul 2020 02:29

Tgt Ion: 43 Resp: 7928
 Ion Ratio Lower Upper
 43 100
 58 28.5 0.0 56.0





#19

1,1-Dichloroethane

Concen: 1.346 ug/L

RT: 3.22 min Scan# 661

Delta R.T. 0.00 min

Lab File: VV017426.D

Acq: 10 Jul 2020 02:29

Instrument :

MSVOA_V

ClientSampled :

F4A39

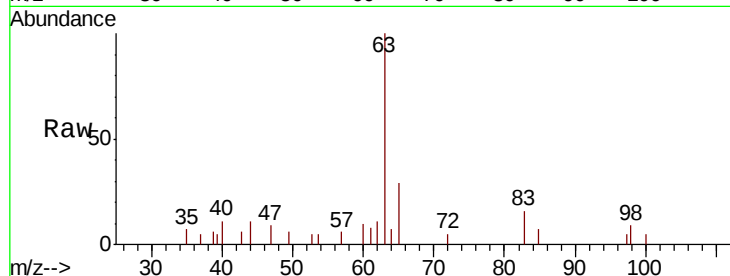
Tot Ion: 63 Resp: 4416

Ion Ratio Lower Upper

63 100

65 29.0 22.1 41.1

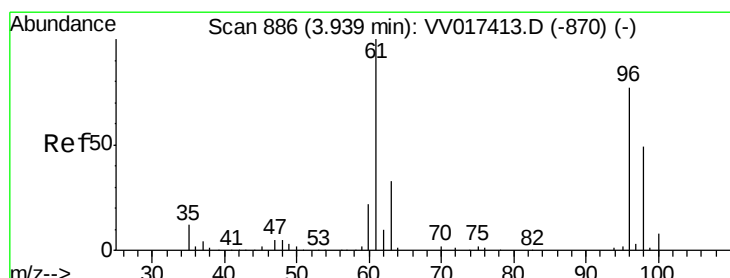
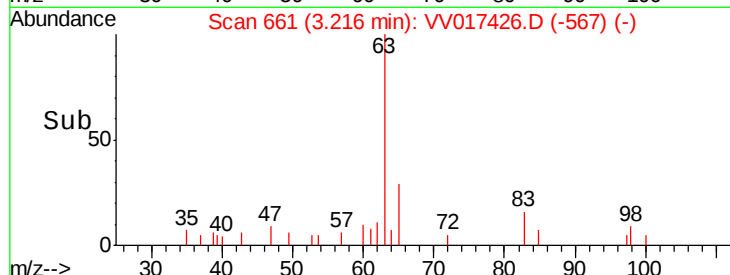
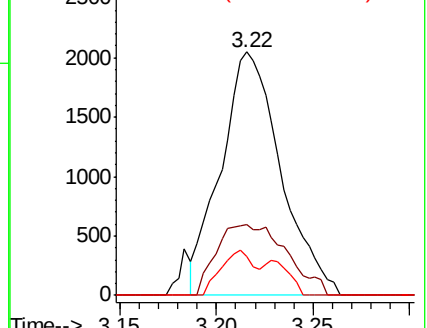
83 16.2 10.1 18.9



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 65.00 (64.70 to 65.70): VV0

Ion 83.00 (82.70 to 83.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 25.636 ug/L

RT: 3.94 min Scan# 886

Delta R.T. -0.00 min

Lab File: VV017426.D

Acq: 10 Jul 2020 02:29

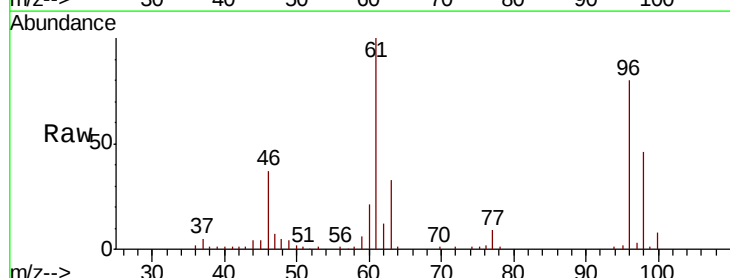
Tgt Ion: 96 Resp: 48998

Ion Ratio Lower Upper

96 100

61 125.5 88.9 165.1

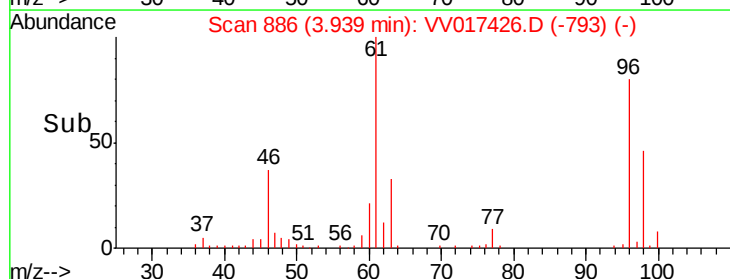
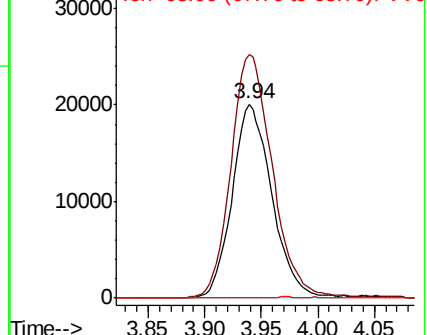
68 0.0 0.0 0.0

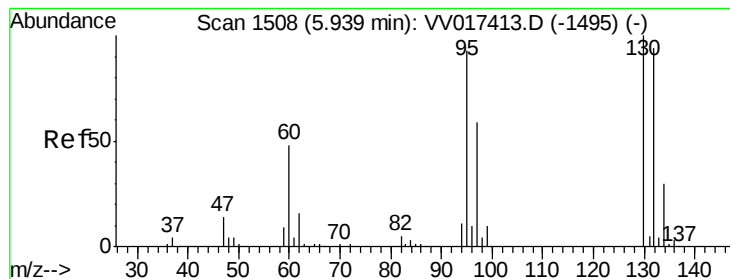


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#34

Trichloroethene

Concen: 2.705 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VV017426.D

Acq: 10 Jul 2020 02:29

Instrument :

MSVOA_V

ClientSampleId :

F4A39

Tot Ion: 95 Resp: 5487

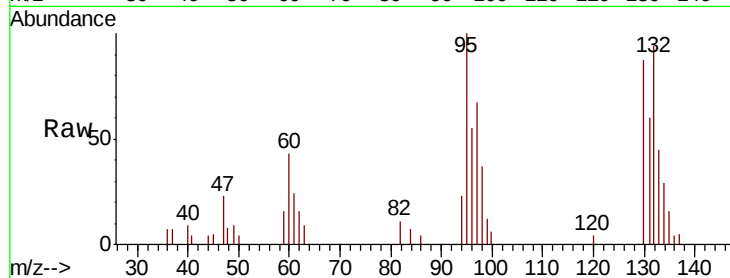
Ion Ratio Lower Upper

95 100

97 66.5 45.6 84.6

132 93.6 74.1 137.5

130 87.2 75.5 140.3

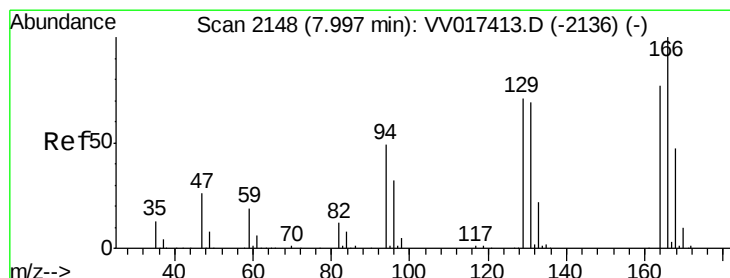
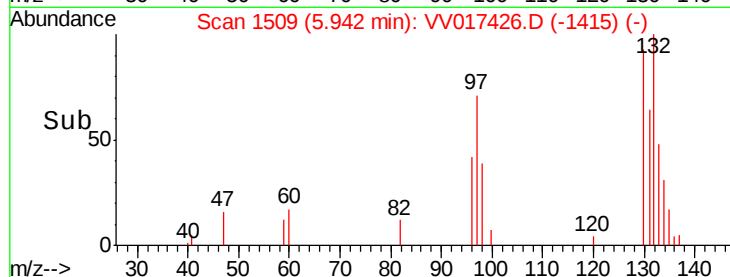
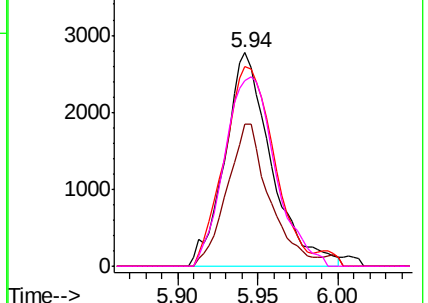


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#46

Tetrachloroethene

Concen: 21.131 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV017426.D

Acq: 10 Jul 2020 02:29

Tgt Ion: 164 Resp: 35986

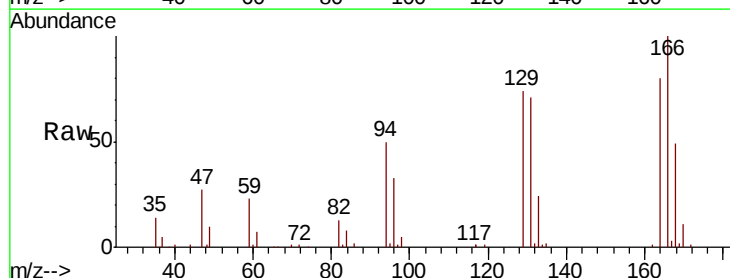
Ion Ratio Lower Upper

164 100

129 93.2 66.6 123.8

131 88.5 65.5 121.7

166 125.4 93.9 174.5



Abundance Ion 164.00 (163.70 to 164.70): VV0

Ion 129.00 (128.70 to 129.70): VV0

Ion 131.00 (130.70 to 131.70): VV0

Ion 166.00 (165.70 to 166.70): VV0

