

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100820\
 Data File : VV018764.D
 Acq On : 08 Oct 2020 14:49
 Operator : SY/MD
 Sample : L4284-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3P3

Quant Time: Oct 09 07:45:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 09 07:09:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	326564	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	322761	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	151689	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85184	44.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.96%
7) Chloroethane-d5	1.58	69	80554	50.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.74%
11) 1,1-Dichloroethene-d2	2.12	63	148845	38.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.28%
21) 2-Butanone-d5	3.90	46	147701	103.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.39%
24) Chloroform-d	4.38	84	198938	48.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.08%
26) 1,2-Dichloroethane-d4	5.06	65	144134	54.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.64%
32) Benzene-d6	5.07	84	402365	49.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.44%
36) 1,2-Dichloropropane-d6	6.09	67	121814	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.62%
41) Toluene-d8	7.34	98	320935	41.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.46%
43) trans-1,3-Dichloropropene-	7.64	79	56218	42.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.26%
47) 2-Hexanone-d5	8.11	63	65519	69.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	69.83%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	123380	37.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	75.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	133638	45.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.62%

Target Compounds

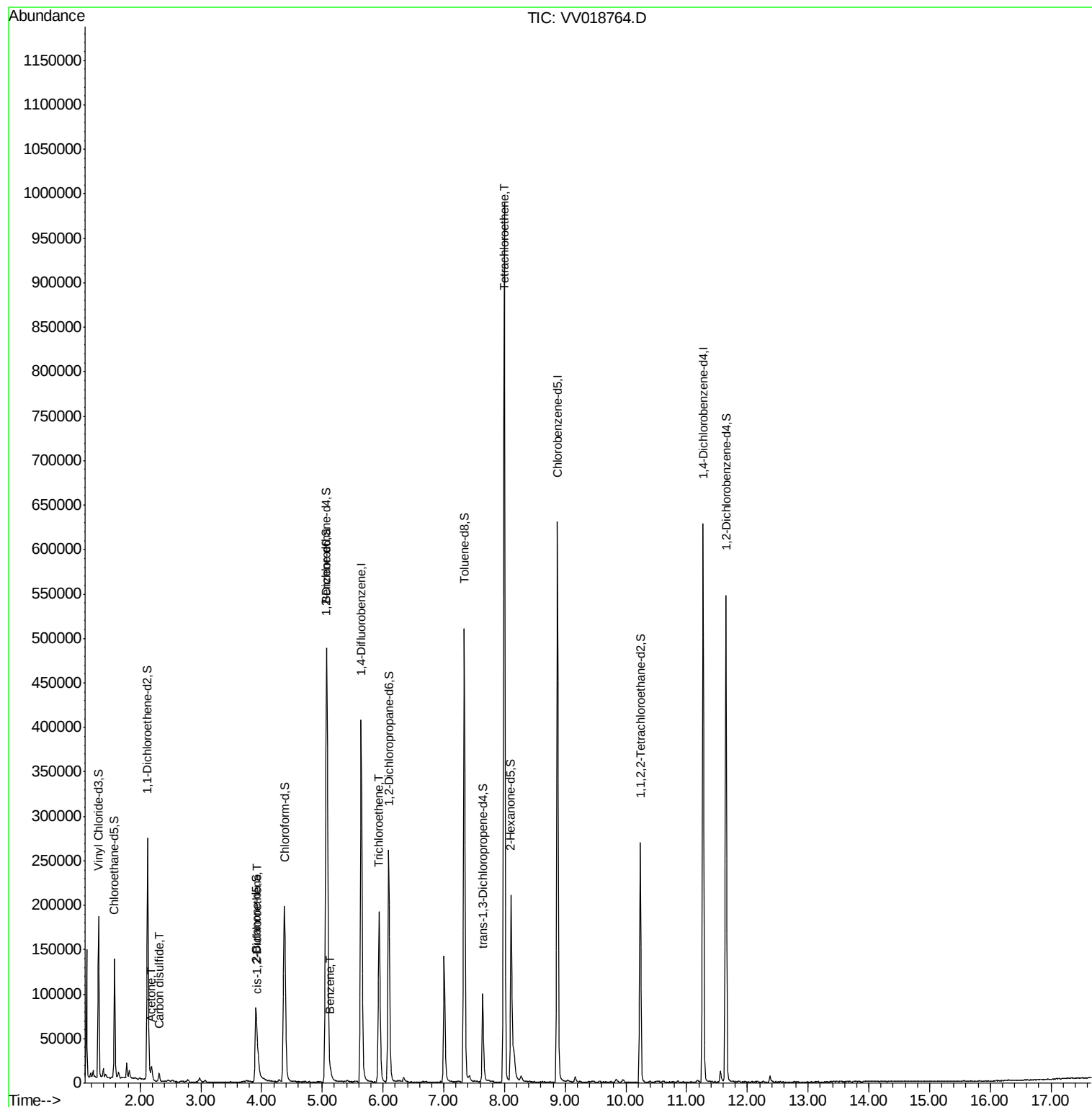
					Ovalue
13) Acetone	2.19	43	17714	14.352	ug/L 96
14) Carbon disulfide	2.31	76	10456	1.583	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	4021	1.622	ug/L 87
33) Benzene	5.13	78	8606	0.908	ug/L 100
34) Trichloroethene	5.94	95	58838	21.373	ug/L 93
46) Tetrachloroethene	8.00	164	213837	95.748	ug/L 97

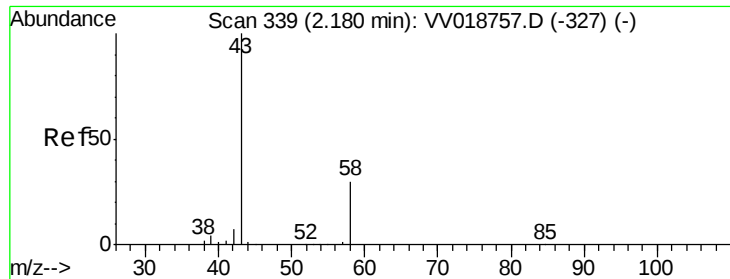
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 14.352 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.01 min

Lab File: VV018764.D

Acq: 08 Oct 2020 14:49

Instrument :

MSVOA_V

ClientSampled :

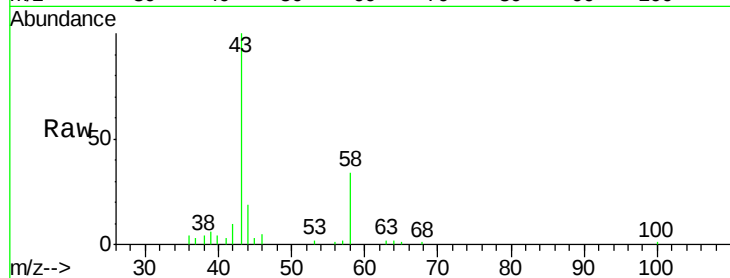
BG3P3

Tot Ion: 43 Resp: 17714

Ion Ratio Lower Upper

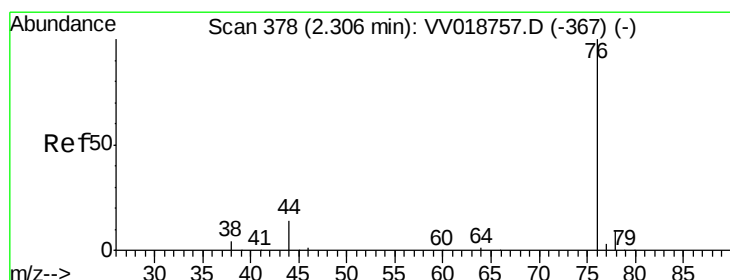
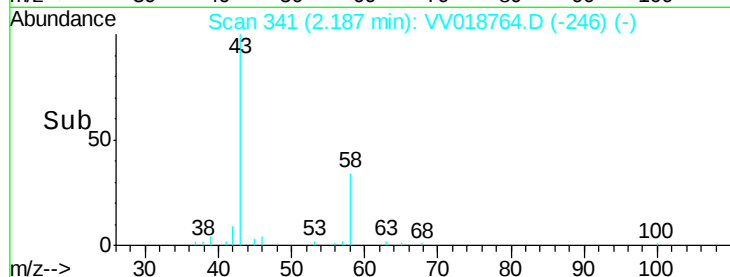
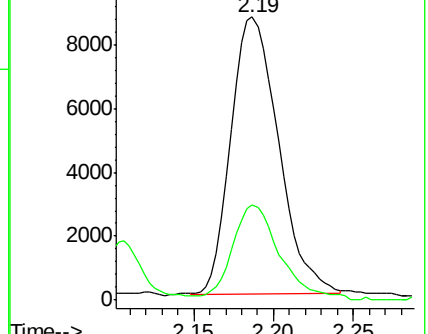
43 100

58 34.4 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#14

Carbon disulfide

Concen: 1.583 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.01 min

Lab File: VV018764.D

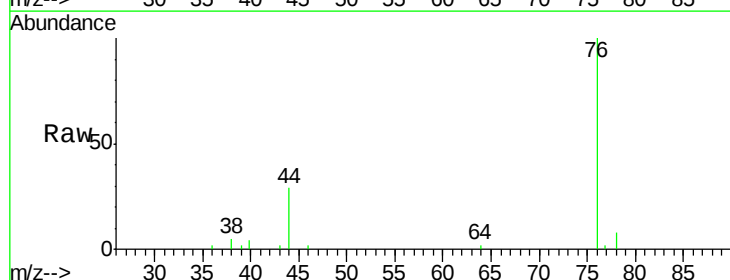
Acq: 08 Oct 2020 14:49

Tgt Ion: 76 Resp: 10456

Ion Ratio Lower Upper

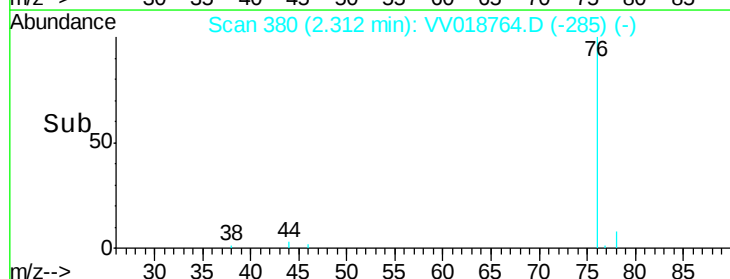
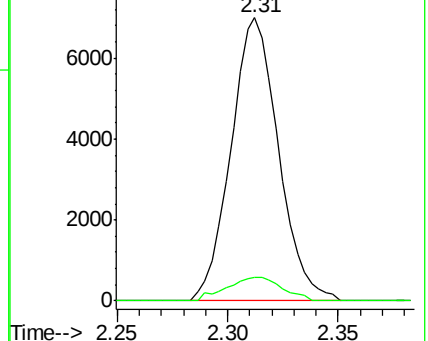
76 100

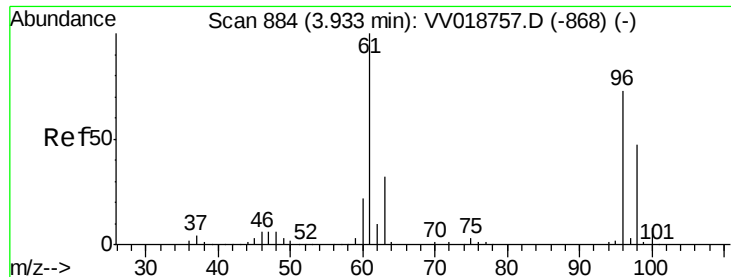
78 8.4 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VV0

Ion 78.00 (77.70 to 78.70): VV0

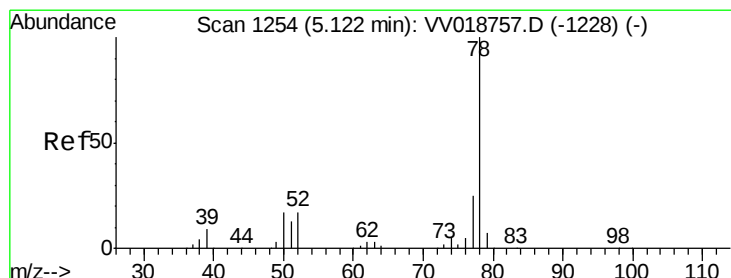
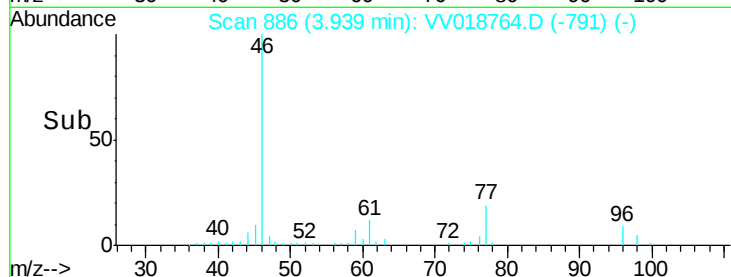
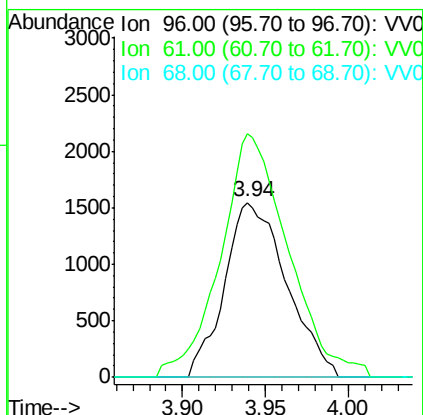
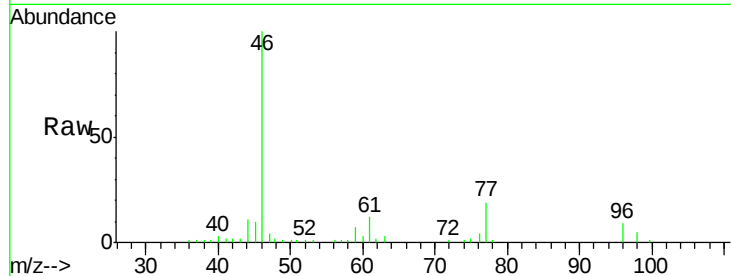




#20
 cis-1,2-Dichloroethene
 Concen: 1.622 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: VV018764.D
 Acq: 08 Oct 2020 14:49

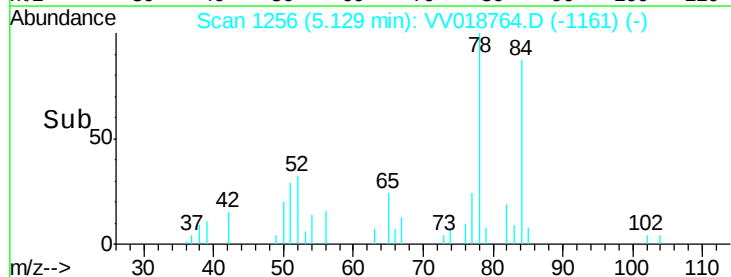
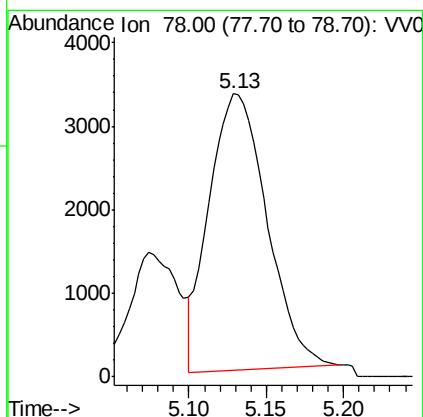
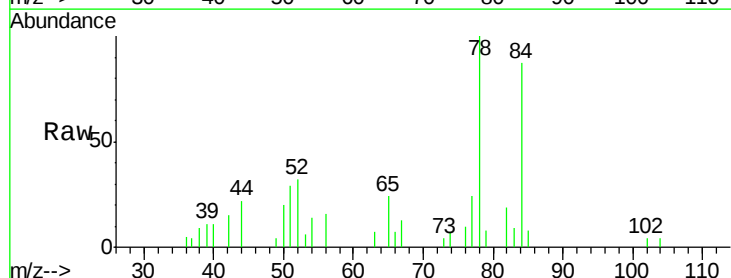
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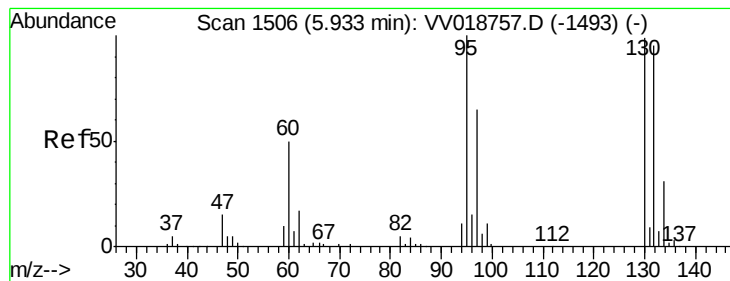
Tot Ion: 96 Resp: 4021
 Ion Ratio Lower Upper
 96 100
 61 139.1 86.8 161.2
 68 0.0 0.0 0.0



#33
 Benzene
 Concen: 0.908 ug/L
 RT: 5.13 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: VV018764.D
 Acq: 08 Oct 2020 14:49

Tgt Ion: 78 Resp: 8606





#34

Trichloroethene

Concen: 21.373 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.01 min

Lab File: VV018764.D

Acq: 08 Oct 2020 14:49

Instrument :

MSVOA_V

ClientSampleId :

BG3P3

Tot Ion: 95 Resp: 58838

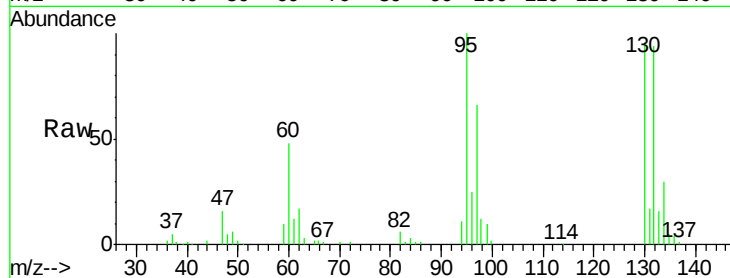
Ion Ratio Lower Upper

95 100

97 66.4 45.9 85.3

132 94.4 70.8 131.4

130 96.0 75.3 139.8

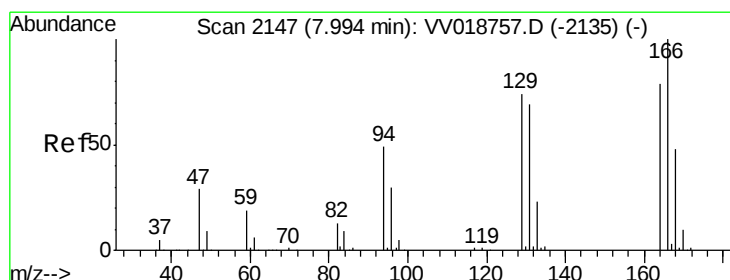
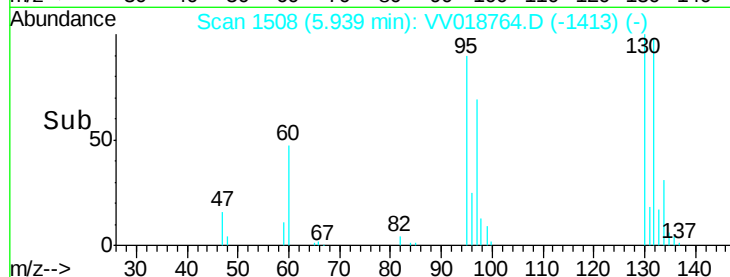
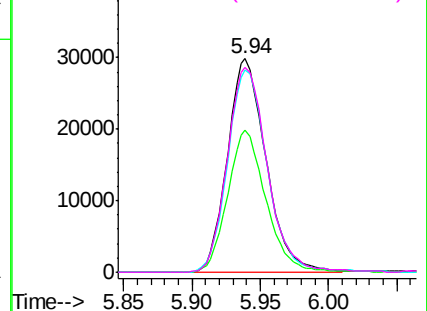


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 95.748 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018764.D

Acq: 08 Oct 2020 14:49

Tgt Ion:164 Resp: 213837

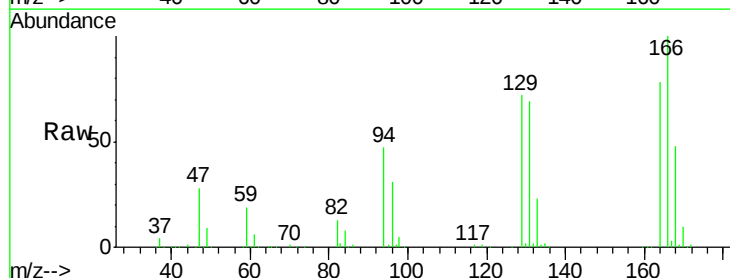
Ion Ratio Lower Upper

164 100

129 93.1 62.8 116.6

131 89.2 60.8 112.8

166 129.0 88.9 165.1



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

