

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080620\
 Data File : VV017815.D
 Acq On : 06 Aug 2020 15:37
 Operator : SY/MD
 Sample : L3590-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L54

Quant Time: Aug 07 06:32:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 07 05:27:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	205247	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	204186	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	113493	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	37158	37.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.26%
7) Chloroethane-d5	1.58	69	37734	44.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.32%
11) 1,1-Dichloroethene-d2	2.12	63	77435	32.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.38%
21) 2-Butanone-d5	3.91	46	69284	92.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.06%
24) Chloroform-d	4.37	84	126971	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.84%
26) 1,2-Dichloroethane-d4	5.06	65	95870	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.96%
32) Benzene-d6	5.07	84	205390	42.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.04%
36) 1,2-Dichloropropane-d6	6.09	67	54272	40.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.36%
41) Toluene-d8	7.34	98	206723	43.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.28%
43) trans-1,3-Dichloropropene-	7.64	79	18997	21.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	43.10%#
47) 2-Hexanone-d5	8.11	63	48475	84.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.53%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	84204	41.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	105990	47.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.16%

Target Compounds

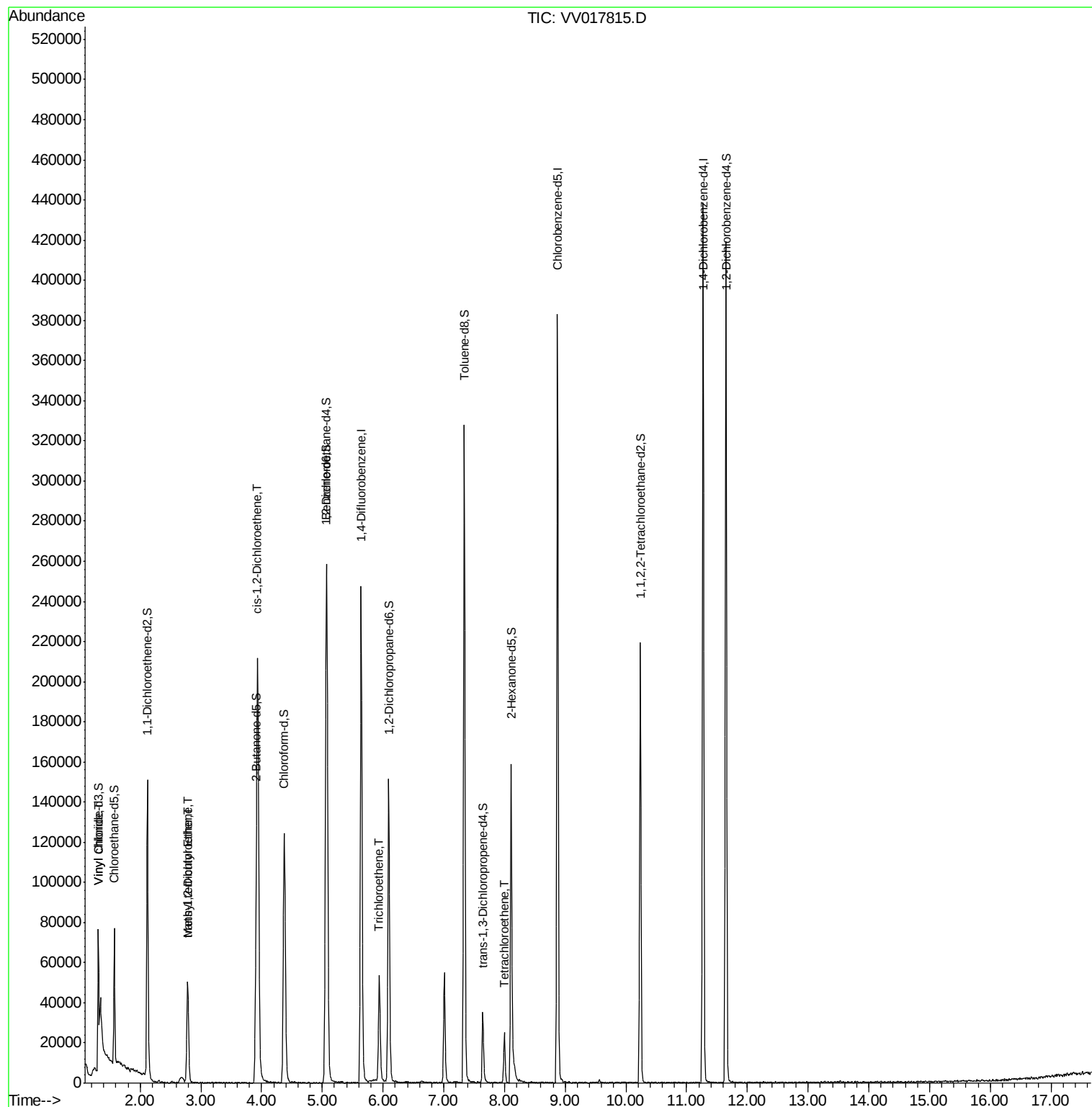
					Ovalue
5) Vinyl chloride	1.32	62	4744	3.258 ug/L	# 1
17) trans-1,2-Dichloroethene	2.78	96	1453	1.043 ug/L	93
18) Methyl tert-butyl Ether	2.78	73	46716	10.204 ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	111435	74.900 ug/L	96
34) Trichloroethene	5.94	95	16352	10.389 ug/L	98
46) Tetrachloroethene	8.00	164	5011	3.593 ug/L	88

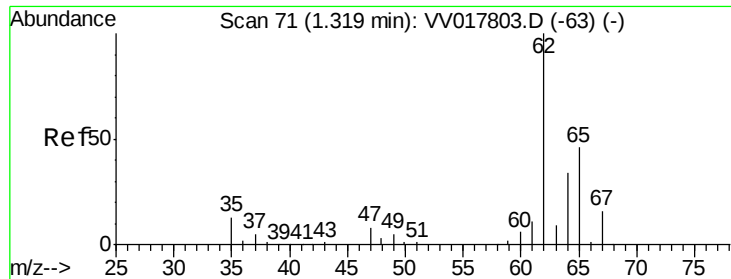
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 07 05:27:52 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.258 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV017815.D

Acq: 06 Aug 2020 15:37

Instrument :

MSVOA_V

ClientSampled :

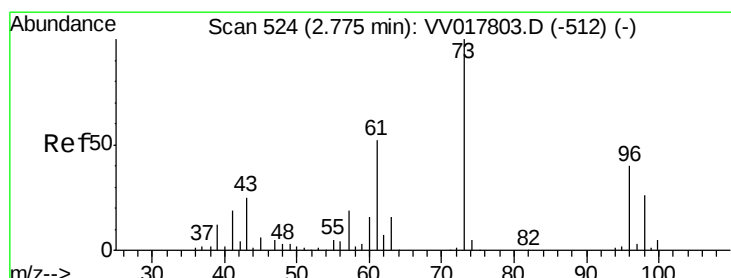
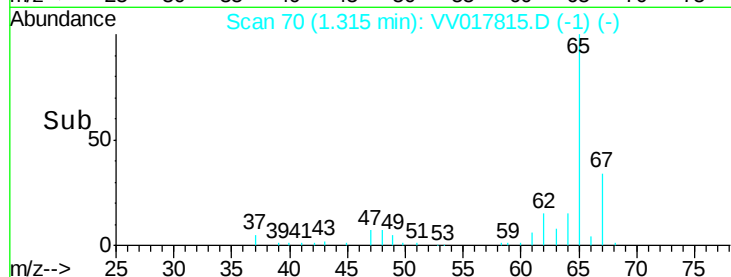
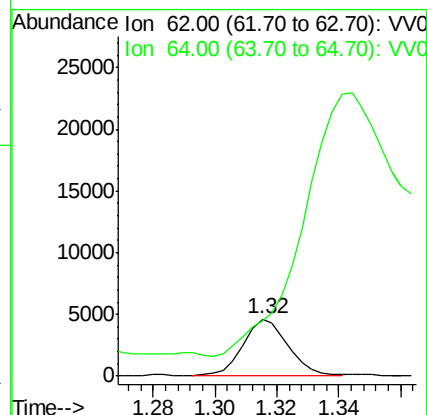
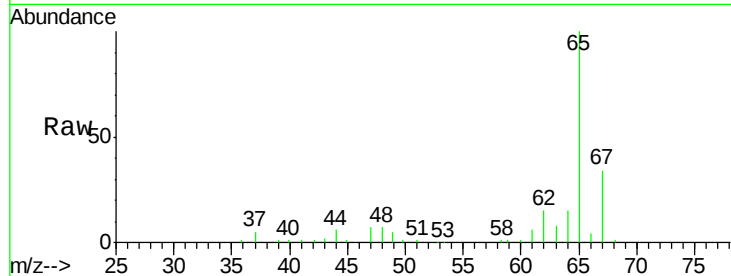
F2L54

Tot Ion: 62 Resp: 4744

Ion Ratio Lower Upper

62 100

64 97.8 22.9 42.5#



#17

trans-1,2-Dichloroethene

Concen: 1.043 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV017815.D

Acq: 06 Aug 2020 15:37

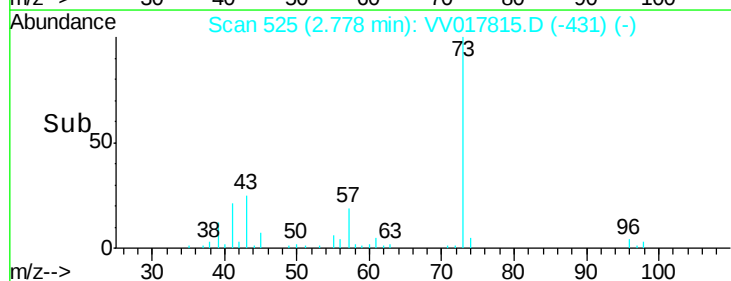
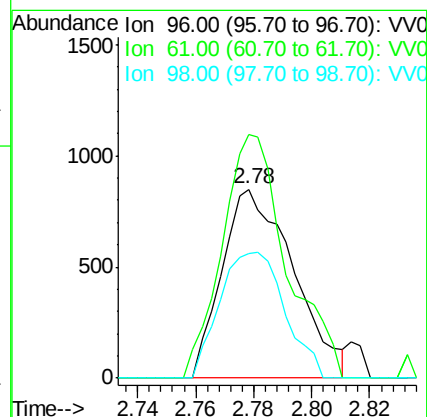
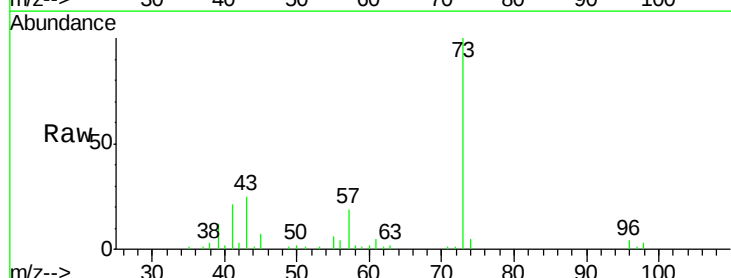
Tgt Ion: 96 Resp: 1453

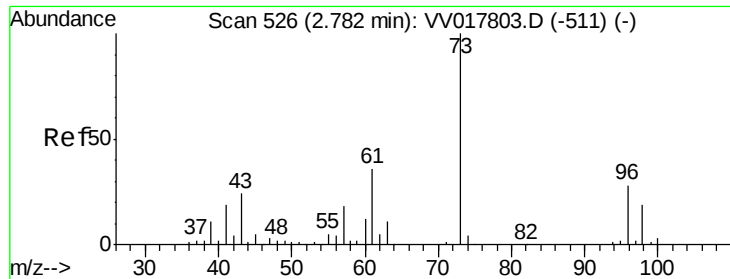
Ion Ratio Lower Upper

96 100

61 128.8 96.2 178.8

98 66.0 43.2 80.2

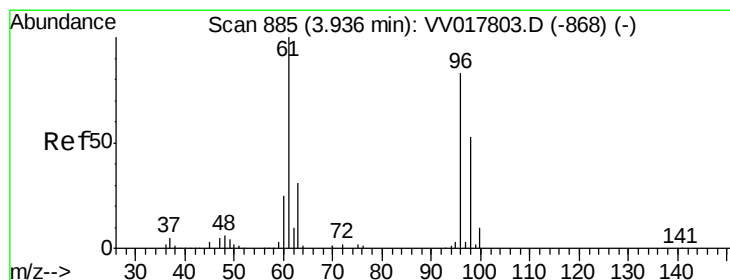
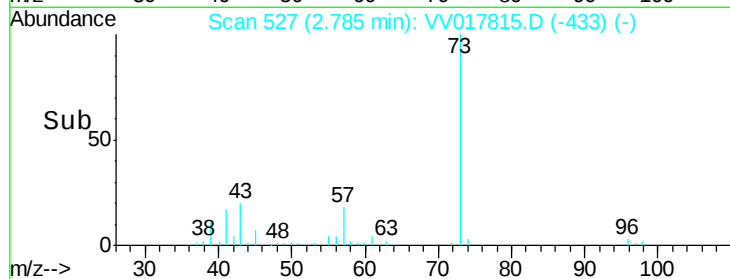
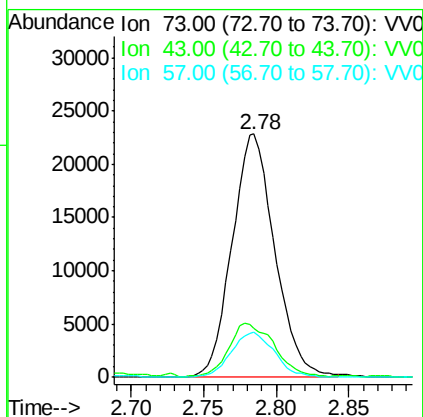
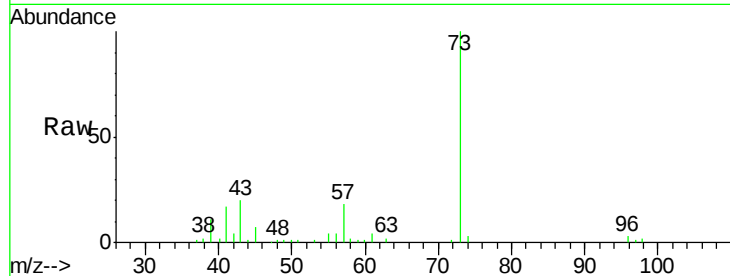




#18
Methvl tert-butvl Ether
Concen: 10.204 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.00 min
Lab File: VV017815.D
Acq: 06 Aug 2020 15:37

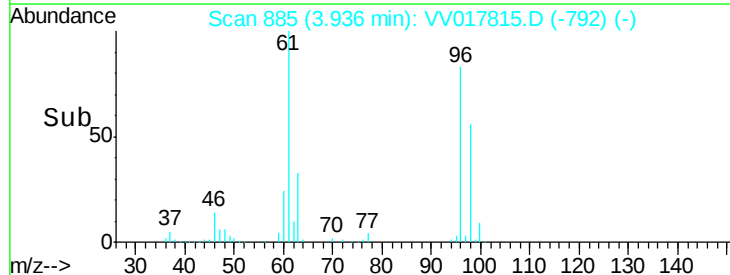
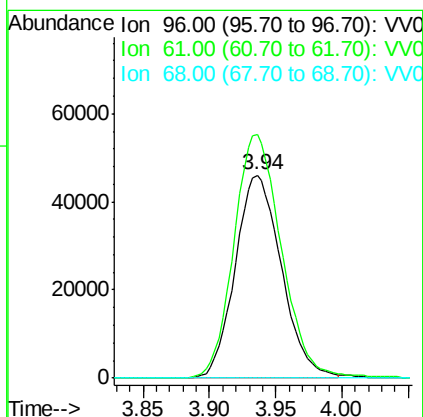
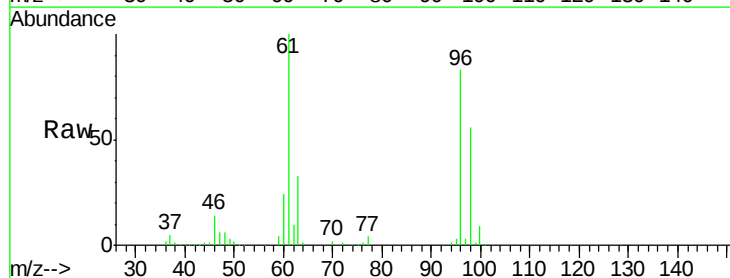
Instrument :
MSVOA_V
ClientSampleId :
F2L54

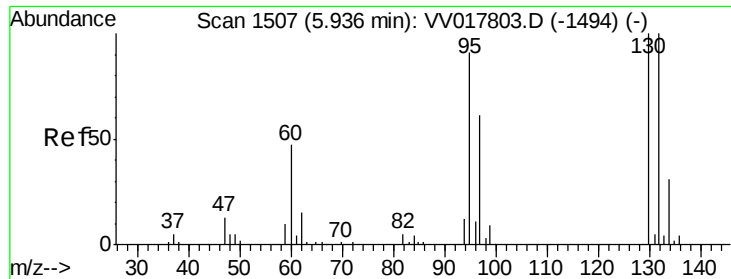
Tot Ion: 73 Resp: 46716
Ion Ratio Lower Upper
73 100
43 24.1 18.1 27.1
57 18.7 16.0 24.0



#20
cis-1,2-Dichloroethene
Concen: 74.900 ug/L
RT: 3.94 min Scan# 885
Delta R.T. -0.00 min
Lab File: VV017815.D
Acq: 06 Aug 2020 15:37

Tgt Ion: 96 Resp: 111435
Ion Ratio Lower Upper
96 100
61 119.8 87.3 162.1
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 10.389 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017815.D

Acq: 06 Aug 2020 15:37

Instrument :

MSVOA_V

ClientSampleId :

F2L54

Tot Ion: 95 Resp: 16352

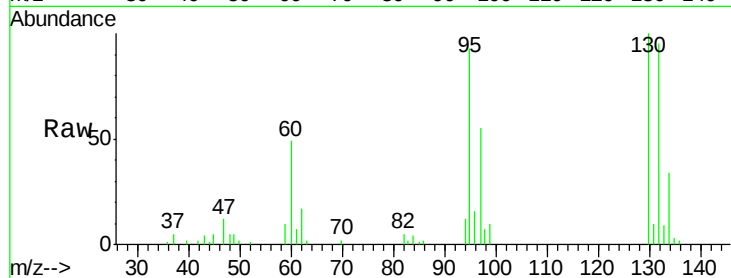
Ion Ratio Lower Upper

95 100

97 59.5 45.3 84.1

132 102.4 71.4 132.6

130 108.0 75.3 139.9

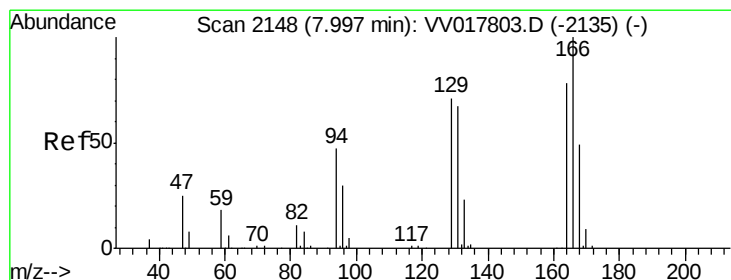
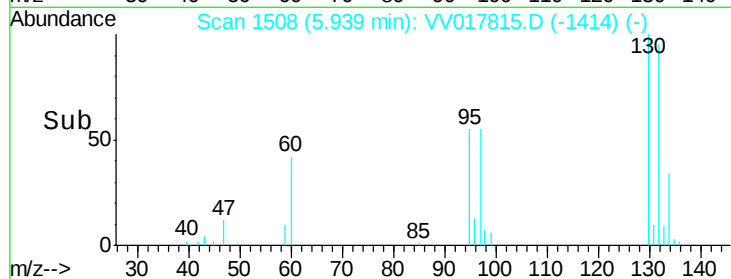
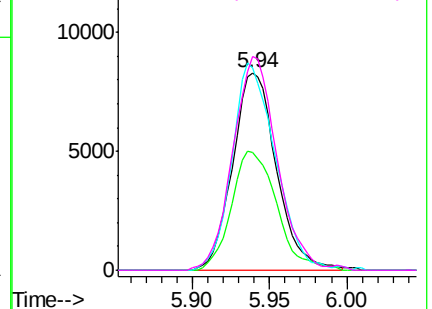


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 3.593 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV017815.D

Acq: 06 Aug 2020 15:37

Tgt Ion:164 Resp: 5011

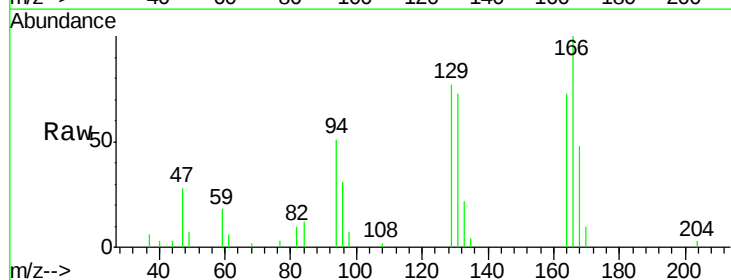
Ion Ratio Lower Upper

164 100

129 106.1 63.9 118.7

131 101.2 62.6 116.3

166 137.8 88.3 164.1



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

