

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017945.D
 Acq On : 12 Aug 2020 23:23
 Operator : SY/MD
 Sample : L3644-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L64

Quant Time: Aug 13 06:25:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 05:58:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	249871	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	243079	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	110057	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84072	44.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.20%
7) Chloroethane-d5	1.58	69	71416	45.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.58%
11) 1,1-Dichloroethene-d2	2.12	63	124308	34.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.18%
21) 2-Butanone-d5	3.92	46	121453	97.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.26%
24) Chloroform-d	4.38	84	155702	44.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.72%
26) 1,2-Dichloroethane-d4	5.06	65	111862	49.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.26%
32) Benzene-d6	5.08	84	320166	47.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.58%
36) 1,2-Dichloropropane-d6	6.09	67	106045	48.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.84%
41) Toluene-d8	7.34	98	280110	46.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.98%
43) trans-1,3-Dichloropropene-	7.64	79	43514	43.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.62%
47) 2-Hexanone-d5	8.11	63	60080	85.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.48%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	131613	46.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.30%
64) 1,2-Dichlorobenzene-d4	11.65	152	111198	51.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.68%

Target Compounds

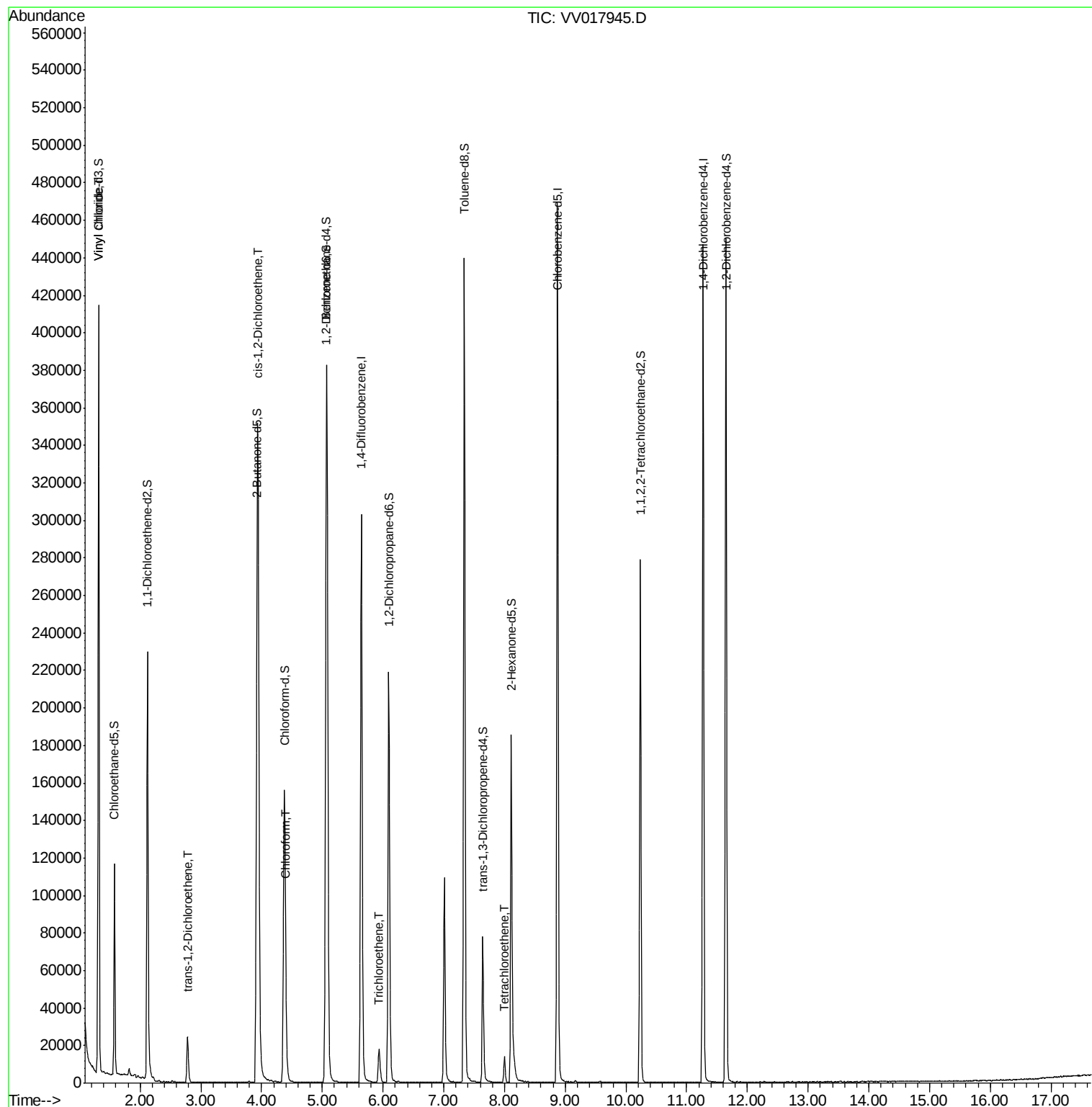
					Ovalue
5) Vinyl chloride	1.32	62	177801	80.081 ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	9182	5.329 ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	175062	92.460 ug/L	99
25) Chloroform	4.41	83	7248	2.051 ug/L	95
34) Trichloroethene	5.94	95	2782	1.399 ug/L	91
46) Tetrachloroethene	8.00	164	3168	2.173 ug/L	95

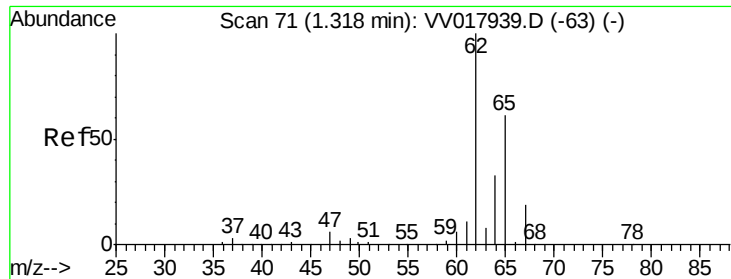
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Aug 13 05:58:58 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 80.081 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017945.D

Acq: 12 Aug 2020 23:23

Instrument :

MSVOA_V

ClientSampled :

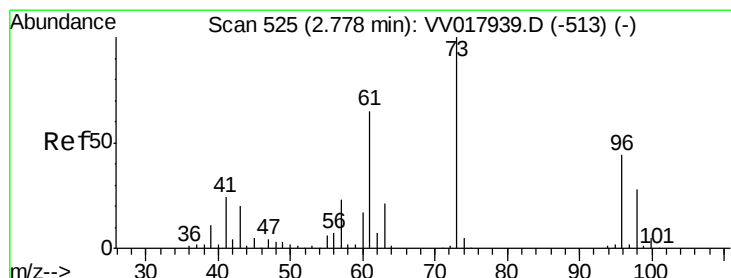
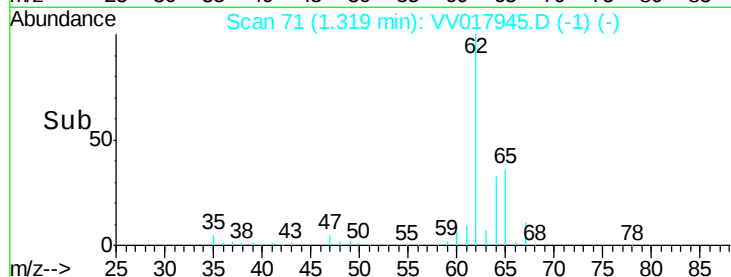
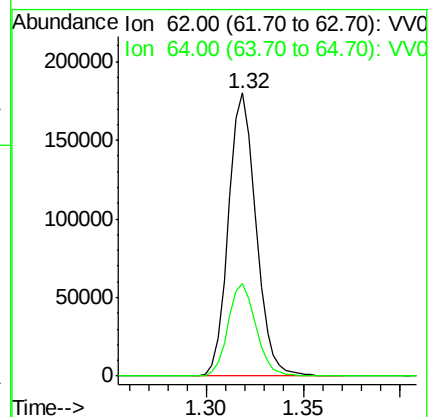
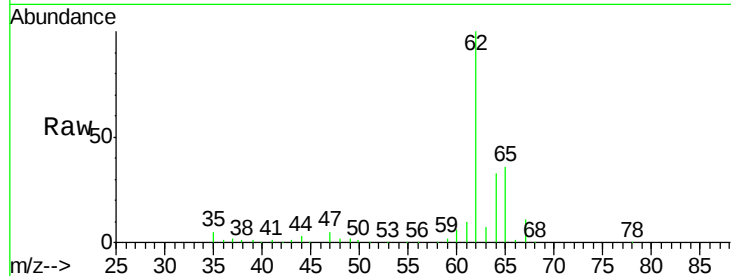
F2L64

Tot Ion: 62 Resp: 177801

Ion Ratio Lower Upper

62 100

64 32.6 22.4 41.6



#17

trans-1,2-Dichloroethene

Concen: 5.329 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV017945.D

Acq: 12 Aug 2020 23:23

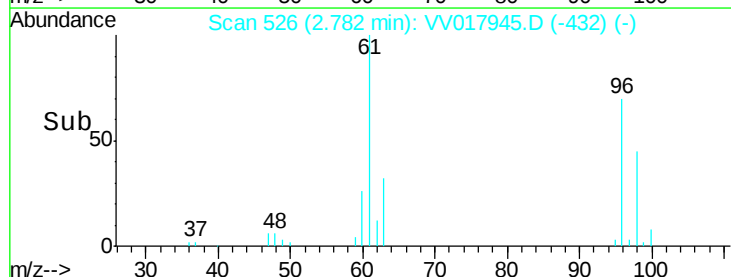
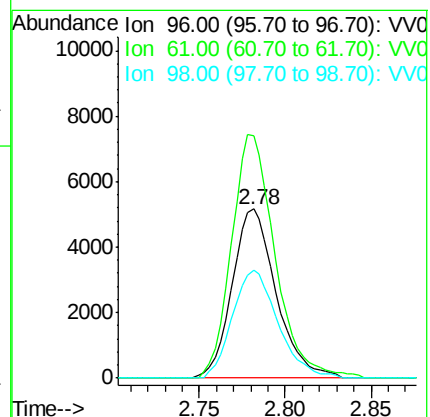
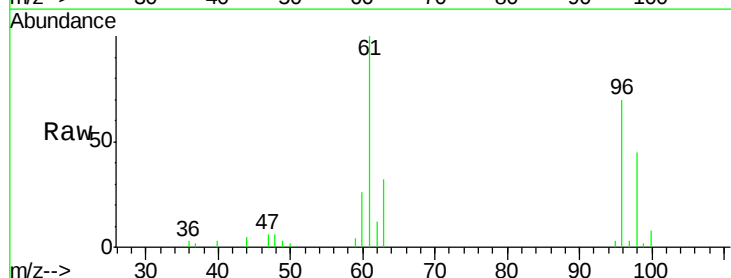
Tgt Ion: 96 Resp: 9182

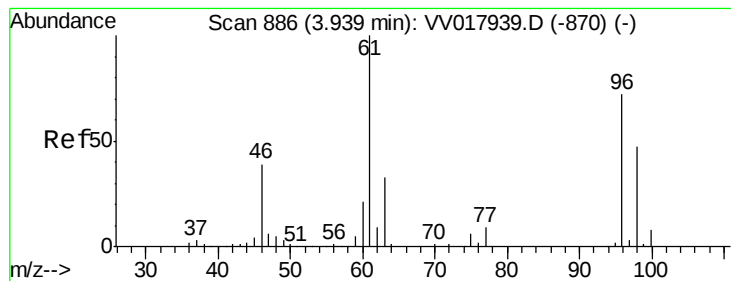
Ion Ratio Lower Upper

96 100

61 143.4 102.4 190.2

98 63.9 44.4 82.5



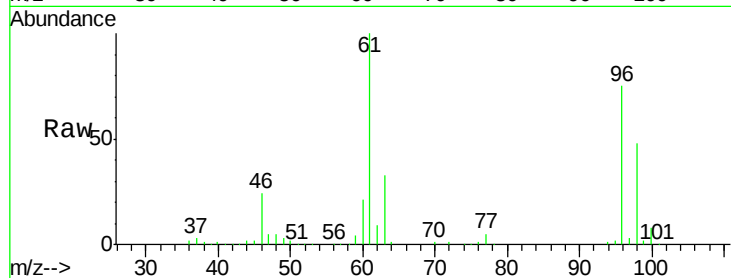


#20

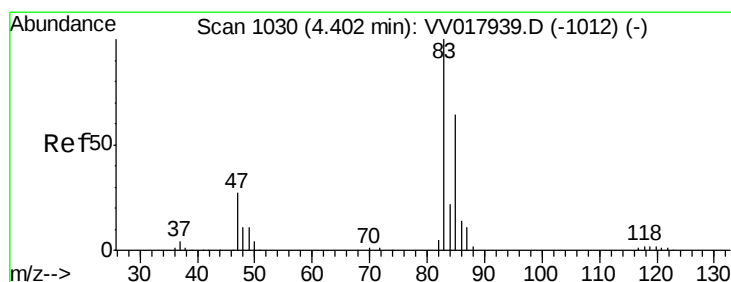
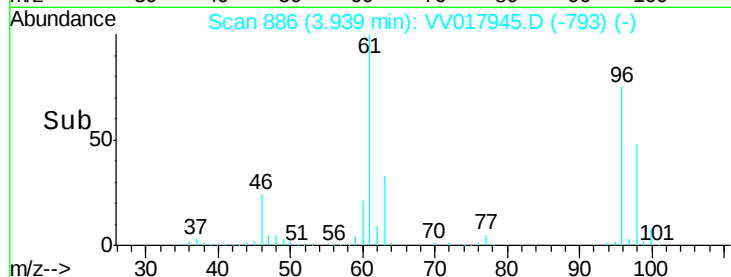
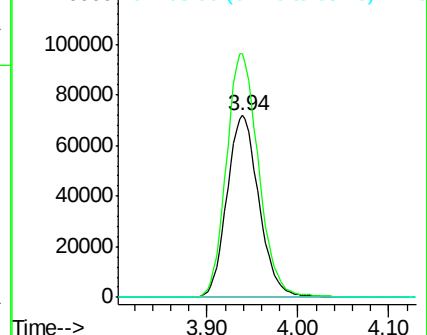
cis-1,2-Dichloroethene
Concen: 92.460 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017945.D
Acq: 12 Aug 2020 23:23

Instrument :
MSVOA_V
ClientSampleId :
F2L64

Tot Ion: 96 Resp: 175062
Ion Ratio Lower Upper
96 100
61 134.1 95.0 176.4
68 0.0 0.0 0.0



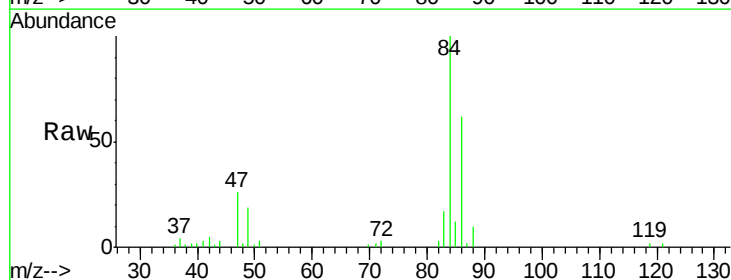
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



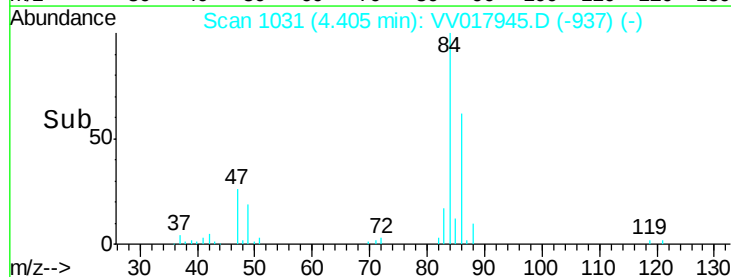
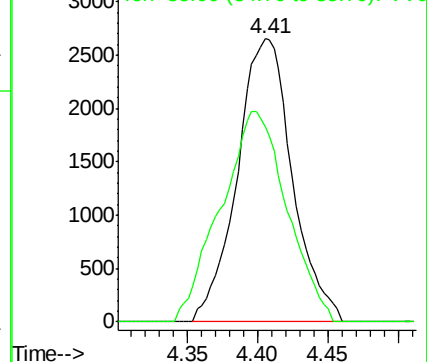
#25

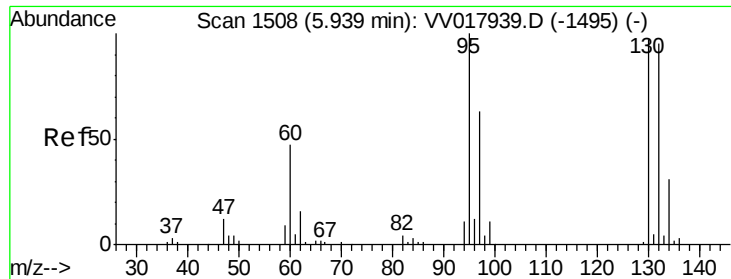
Chloroform
Concen: 2.051 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV017945.D
Acq: 12 Aug 2020 23:23

Tgt Ion: 83 Resp: 7248
Ion Ratio Lower Upper
83 100
85 69.1 45.5 84.5



Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 1.399 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VV017945.D

Acq: 12 Aug 2020 23:23

Instrument :

MSVOA_V

ClientSampleId :

F2L64

Tot Ion: 95 Resp: 2782

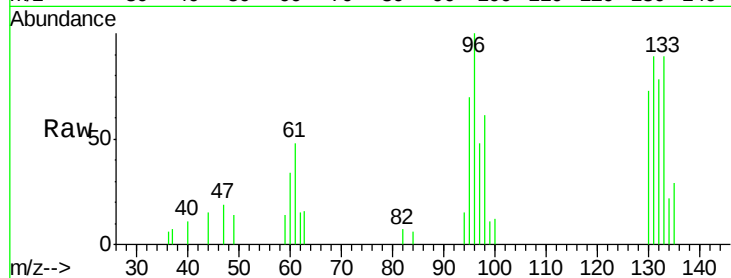
Ion Ratio Lower Upper

95 100

97 69.0 46.0 85.4

132 110.7 65.8 122.2

130 103.8 69.2 128.6

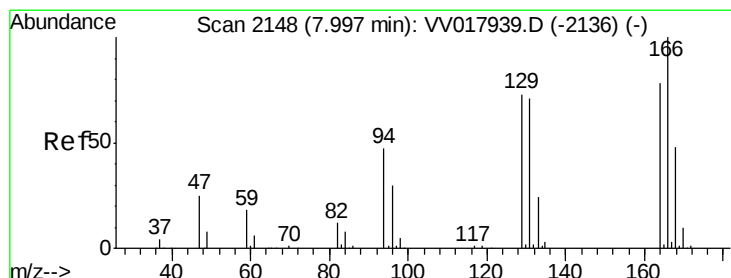
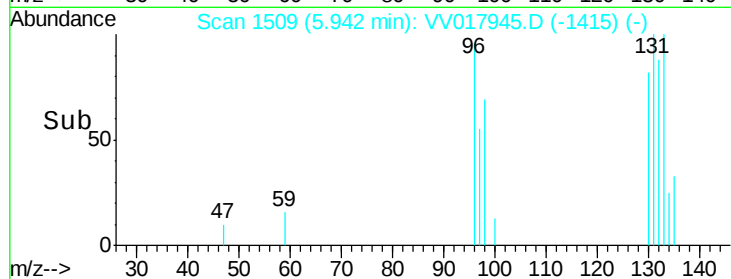
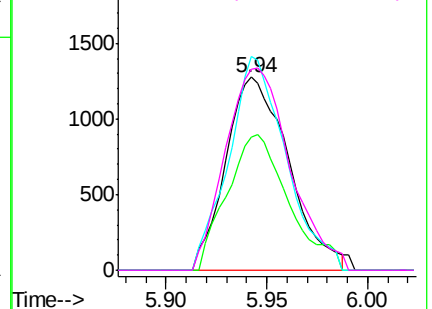


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 2.173 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV017945.D

Acq: 12 Aug 2020 23:23

Tgt Ion: 164 Resp: 3168

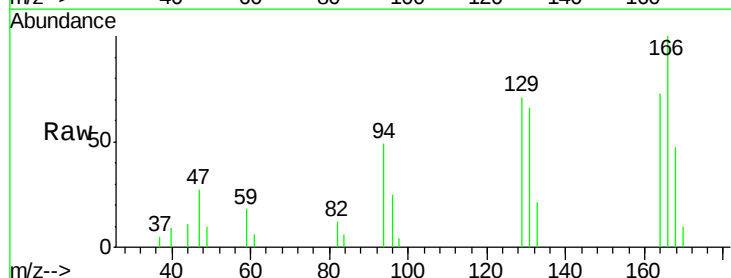
Ion Ratio Lower Upper

164 100

129 97.3 64.8 120.3

131 90.5 64.5 119.9

166 136.7 88.9 165.1



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

