

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083118\
 Data File : VV007318.D
 Acq On : 31 Aug 2018 22:48
 Operator : SY/MD
 Sample : J4665-13DL 10X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA7DL

Quant Time: Sep 01 01:19:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM083118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 01 01:00:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	635685	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	605160	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	223190	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	195074	50.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.56%
7) Chloroethane-d5	1.58	69	130611	53.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.98%
11) 1,1-Dichloroethene-d2	2.13	63	261938	36.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.46%
21) 2-Butanone-d5	3.96	46	262724	84.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.57%
24) Chloroform-d	4.41	84	376753	45.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.92%
26) 1,2-Dichloroethane-d4	5.09	65	235880	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.74%
32) Benzene-d6	5.10	84	767390	47.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.38%
36) 1,2-Dichloropropane-d6	6.12	67	258085	47.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.72%
41) Toluene-d8	7.37	98	630057	43.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.64%
43) trans-1,3-Dichloropropene-	7.67	79	101273	42.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.22%
47) 2-Hexanone-d5	8.15	63	166618	82.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.94%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	323495	44.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.08%
64) 1,2-Dichlorobenzene-d4	11.68	152	225740	50.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.68%

Target Compounds

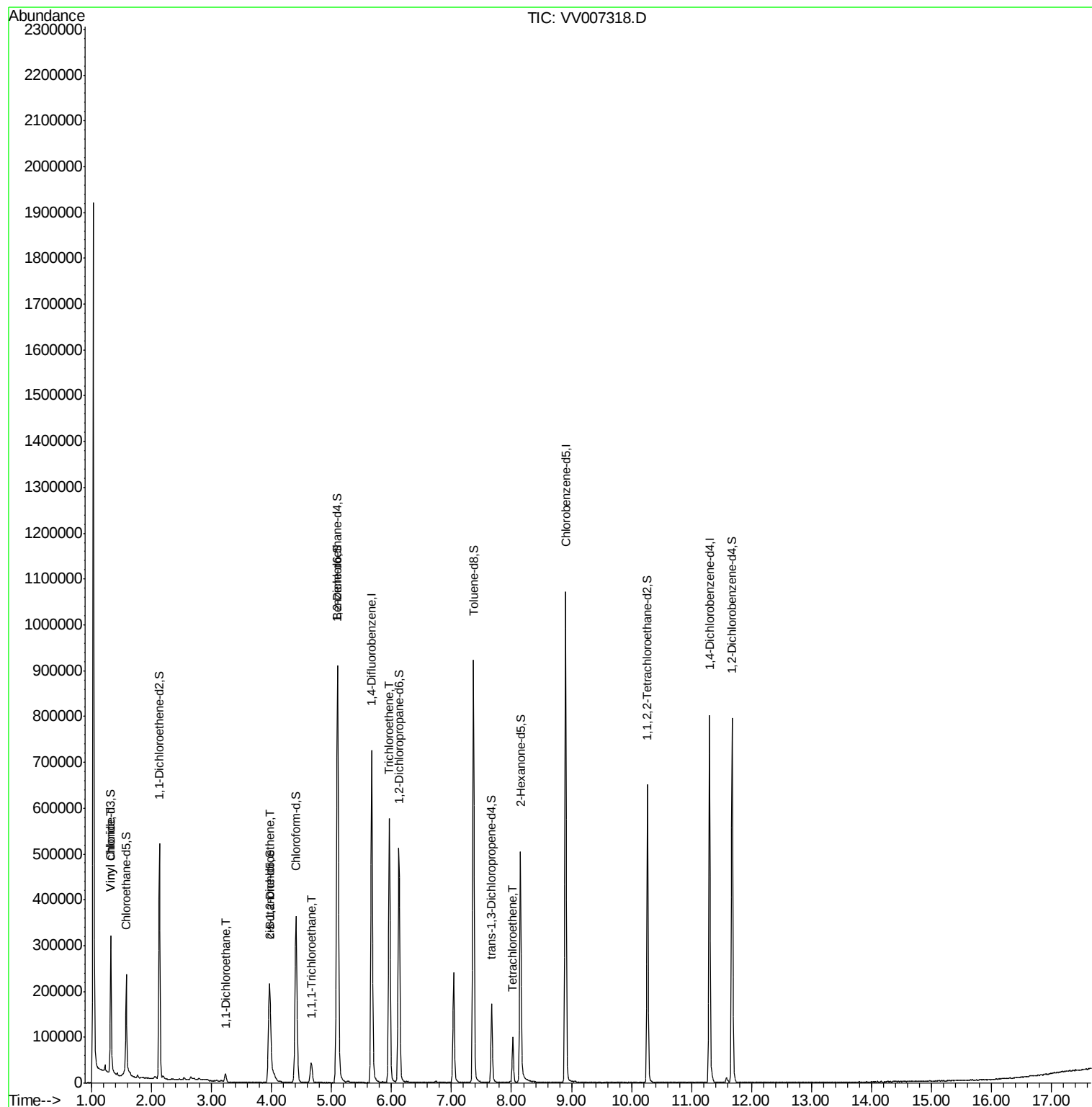
					Ovalue
5) Vinyl chloride	1.32	62	17012	3.30 ug/L	# 77
19) 1,1-Dichloroethane	3.23	63	18254	2.17 ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	43496	9.09 ug/L	99
30) 1,1,1-Trichloroethane	4.67	97	34741	5.04 ug/L	99
34) Trichloroethene	5.96	95	200003	45.03 ug/L	98
46) Tetrachloroethene	8.02	164	23630	6.35 ug/L	97

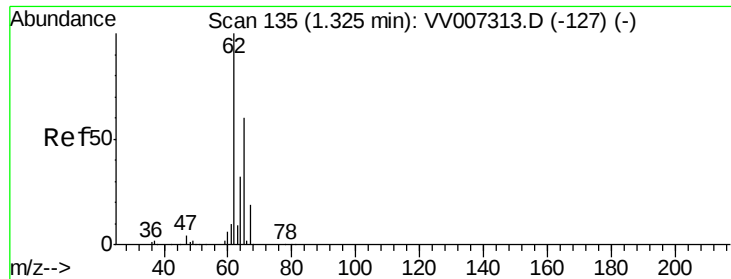
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Sep 01 01:00:35 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.30 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV007318.D

Acq: 31 Aug 2018 22:48

Instrument :

MSVOA_V

ClientSampleId :

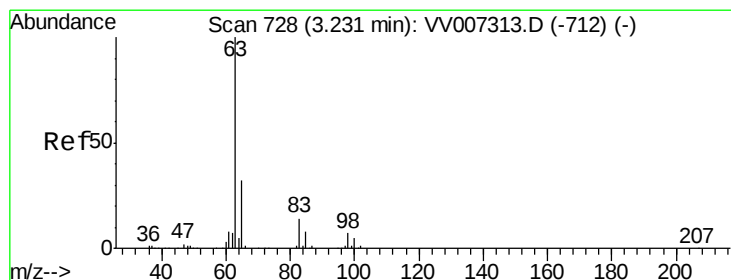
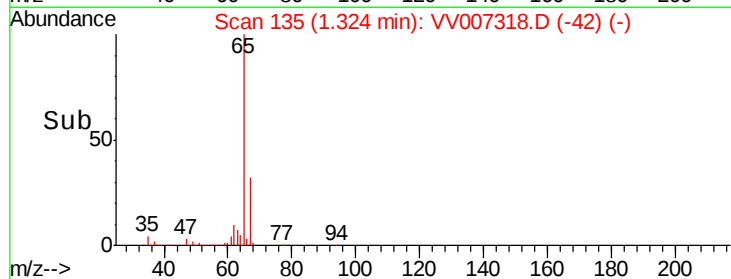
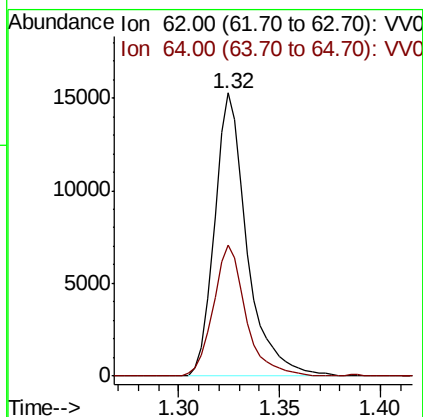
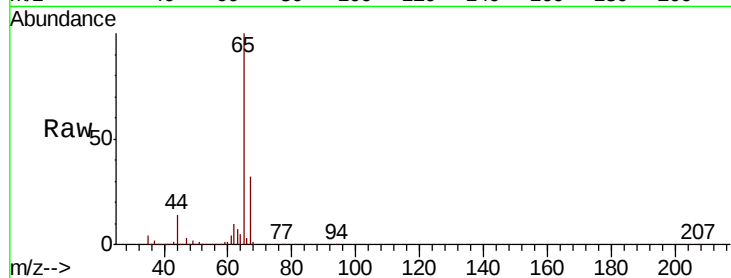
E0AA7DL

Tot Ion: 62 Resp: 17012

Ion Ratio Lower Upper

62 100

64 46.1 23.2 43.0#



#19

1,1-Dichloroethane

Concen: 2.17 ug/L

RT: 3.23 min Scan# 728

Delta R.T. -0.00 min

Lab File: VV007318.D

Acq: 31 Aug 2018 22:48

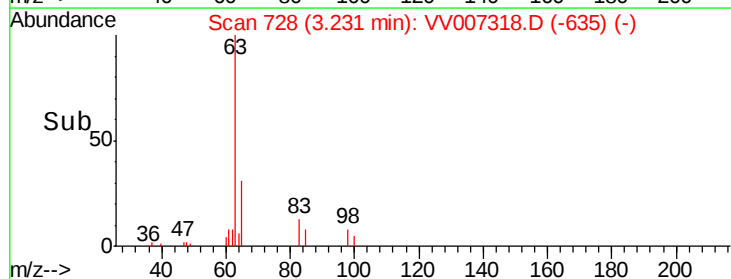
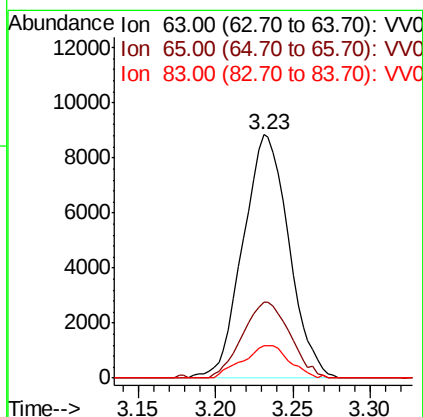
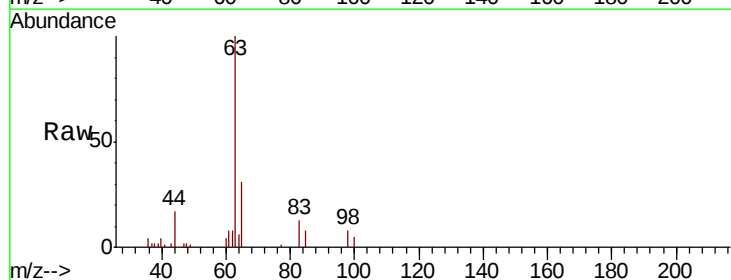
Tgt Ion: 63 Resp: 18254

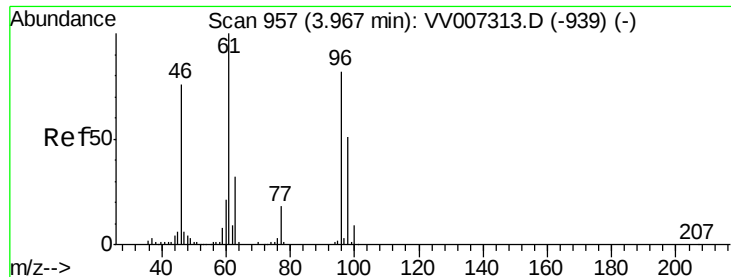
Ion Ratio Lower Upper

63 100

65 31.1 22.0 41.0

83 13.2 8.8 16.4

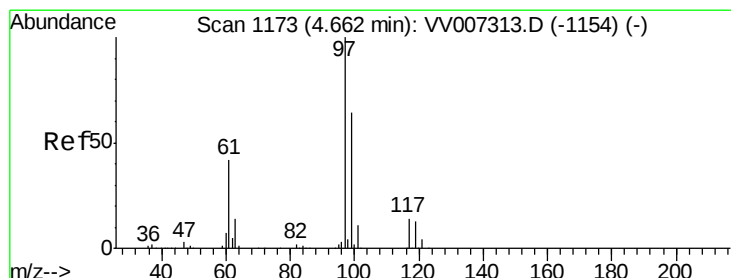
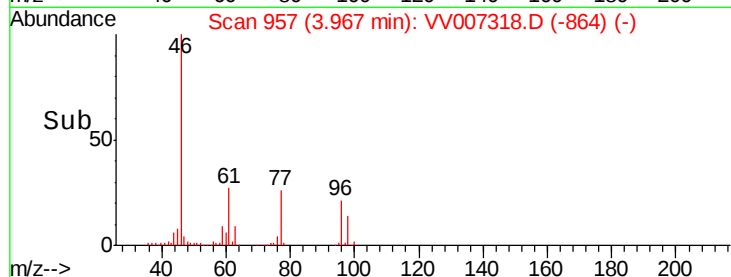
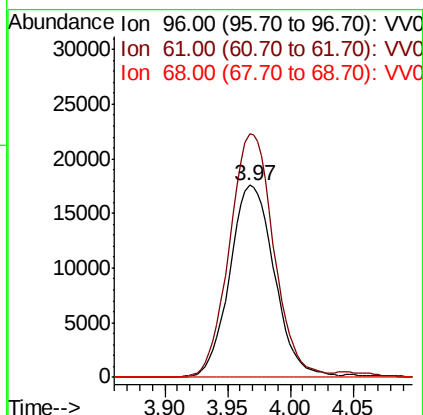
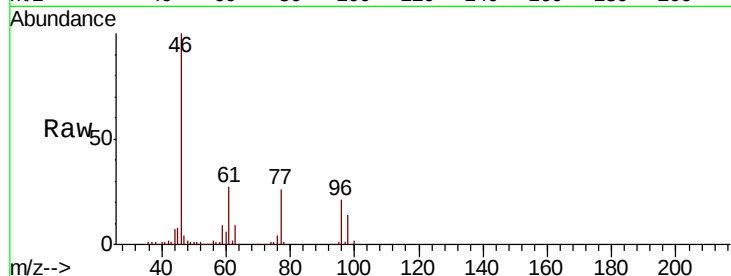




#20
 cis-1,2-Dichloroethene
 Concen: 9.09 ug/L
 RT: 3.97 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: VV007318.D
 Acq: 31 Aug 2018 22:48

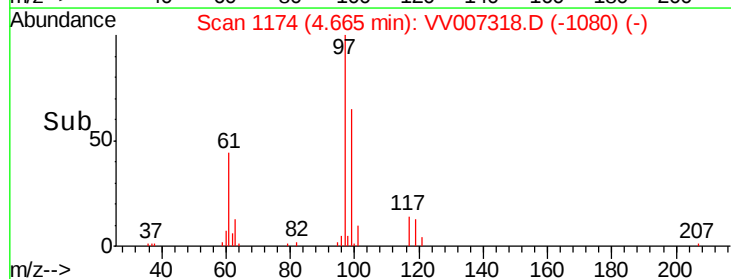
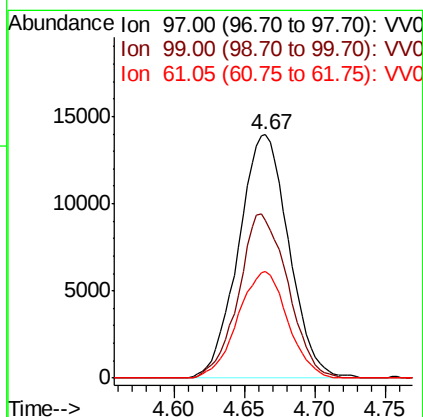
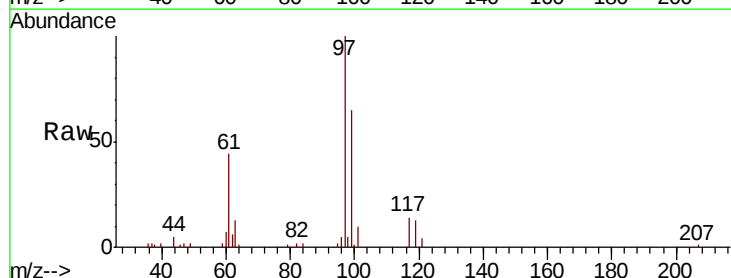
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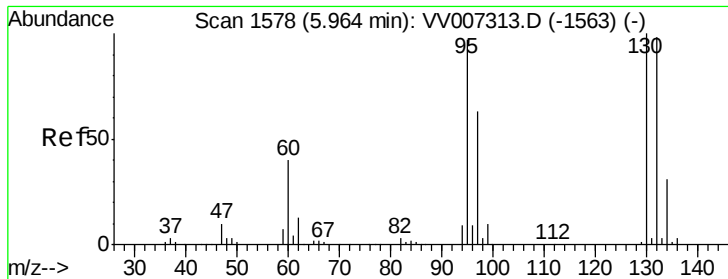
Tot Ion: 96 Resp: 43496
 Ion Ratio Lower Upper
 96 100
 61 126.9 88.4 164.2
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 5.04 ug/L
 RT: 4.67 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VV007318.D
 Acq: 31 Aug 2018 22:48

Tgt Ion: 97 Resp: 34741
 Ion Ratio Lower Upper
 97 100
 99 65.9 51.4 77.0
 61 43.5 34.6 51.8





#34

Trichloroethene

Concen: 45.03 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV007318.D

Acq: 31 Aug 2018 22:48

Instrument :

MSVOA_V

ClientSampleId :

E0AA7DL

Tot Ion: 95 Resp: 200003

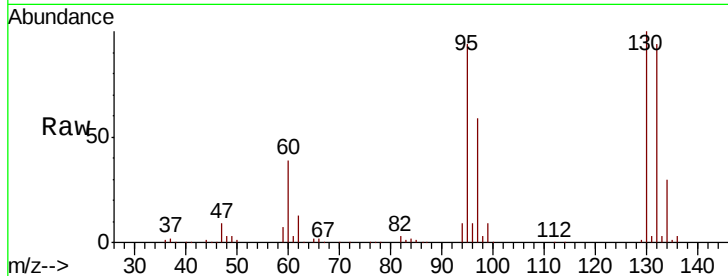
Ion Ratio Lower Upper

95 100

97 63.2 45.1 83.9

132 99.7 68.3 126.9

130 106.4 72.4 134.5

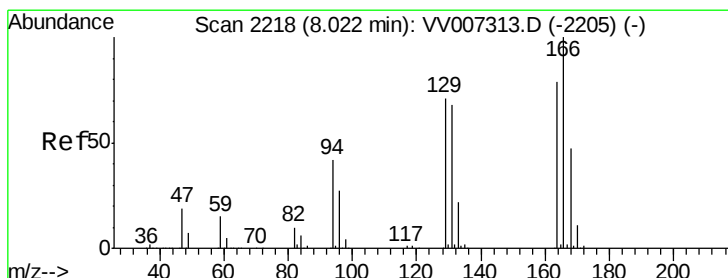
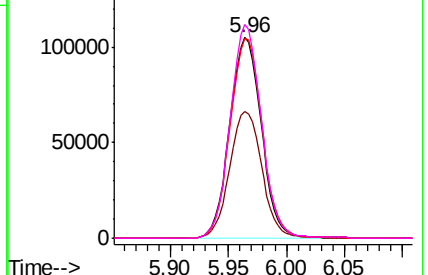
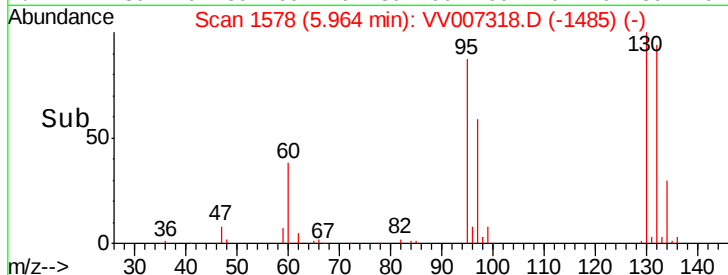


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 6.35 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV007318.D

Acq: 31 Aug 2018 22:48

Tgt Ion: 164 Resp: 23630

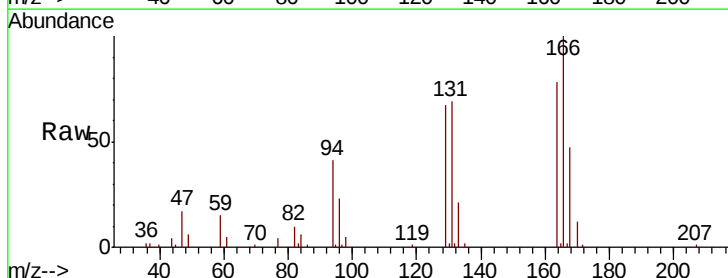
Ion Ratio Lower Upper

164 100

129 86.3 64.5 119.7

131 88.1 61.2 113.8

166 128.6 89.1 165.5



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

