

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101618\
 Data File : VV008325.D
 Acq On : 17 Oct 2018 05:06
 Operator : SY/MD
 Sample : J5463-12
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JC3

Quant Time: Oct 17 09:45:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 17 05:02:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	82210	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	73373	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	28478	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22822	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.58	69	17903	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.14	63	43664	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.00%
20) 2-Butanone-d5	3.96	46	75494	48.45	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.90%
24) Chloroform-d	4.41	84	45353	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.09	65	23654	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	5.10	84	95114	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.12	67	32169	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.36	98	84329	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	7.67	79	10589	3.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.00%
46) 2-Hexanone-d5	8.14	63	44261	42.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.82%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	19384	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	25150	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

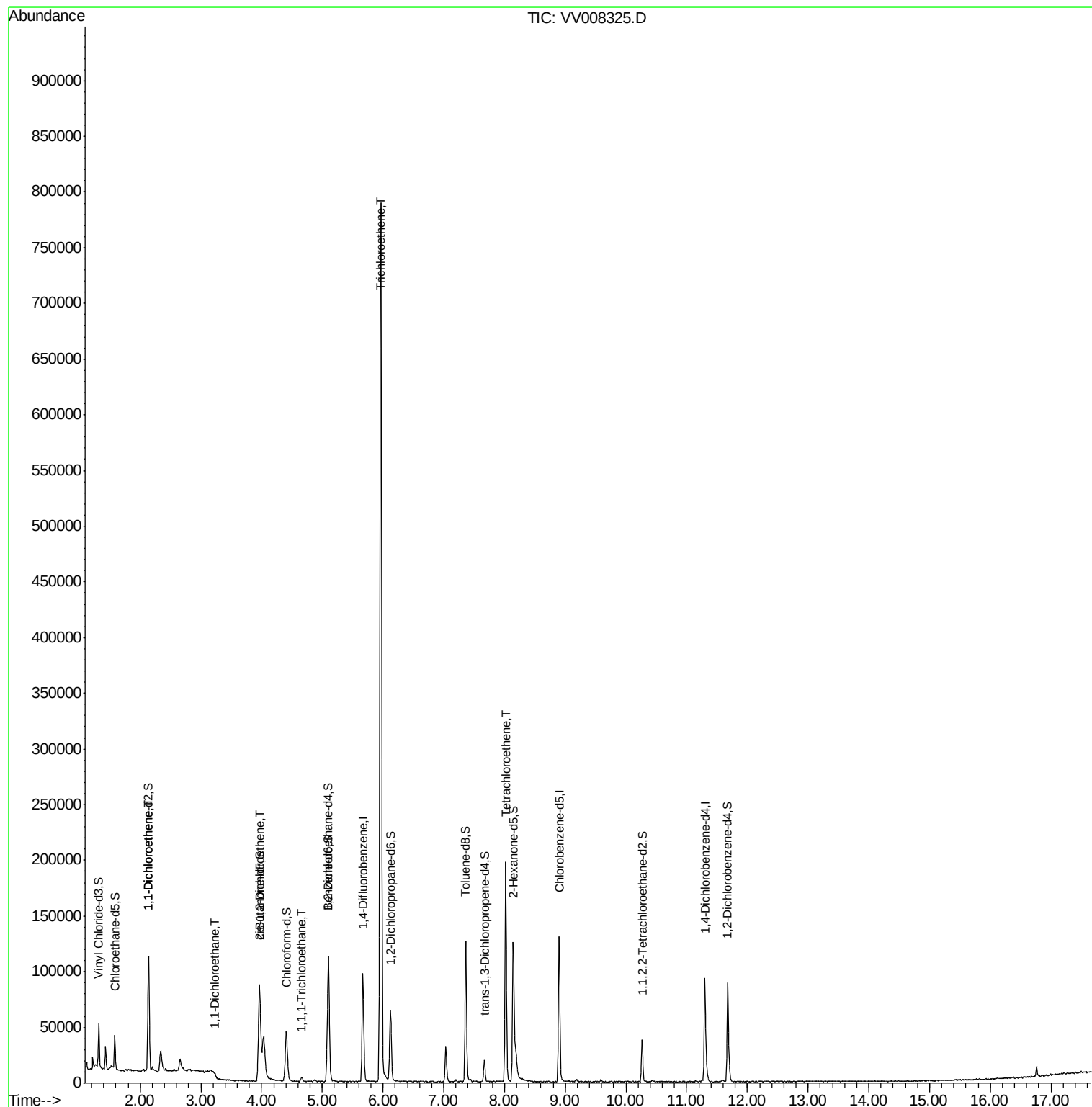
					Ovalue
12) 1,1-Dichloroethene	2.14	96	16357	4.142 ug/L	87
19) 1,1-Dichloroethane	3.23	63	3237	0.369 ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	26108	3.806 ug/L #	97
29) 1,1,1-Trichloroethane	4.66	97	2898	0.317 ug/L	97
34) Trichloroethene	5.96	95	280034	40.869 ug/L	98
47) Tetrachloroethene	8.02	164	41488	9.664 ug/L	94

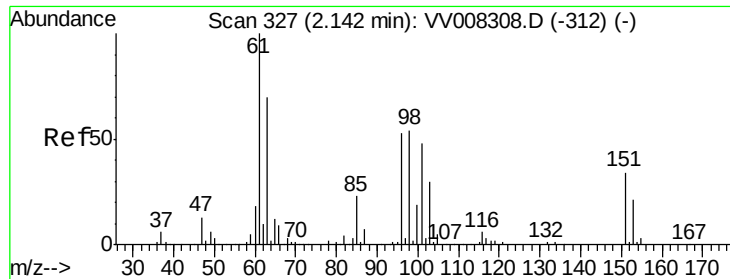
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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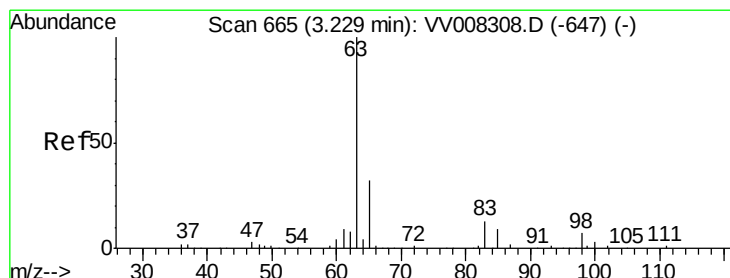
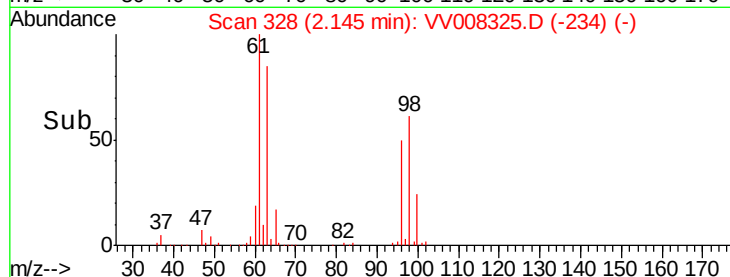
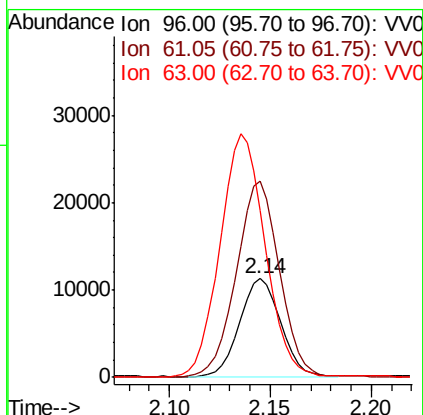
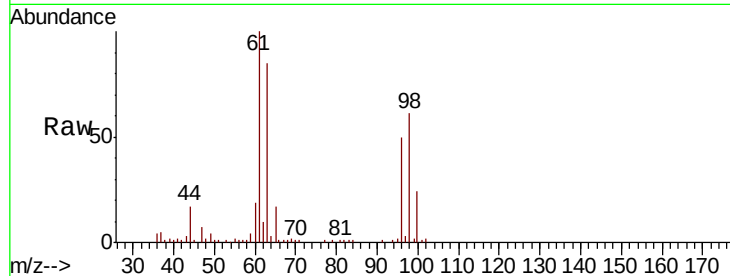




#12
 1,1-Dichloroethene
 Concen: 4.142 ug/L
 RT: 2.14 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VV008325.D
 Acq: 17 Oct 2018 05:06

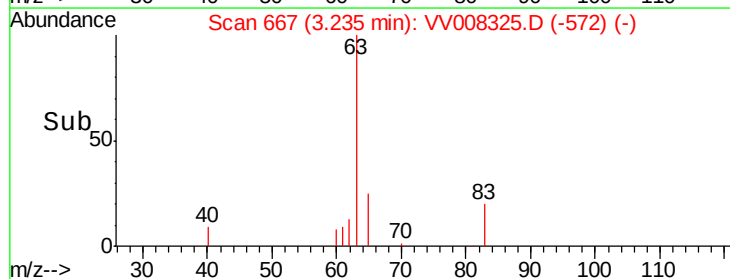
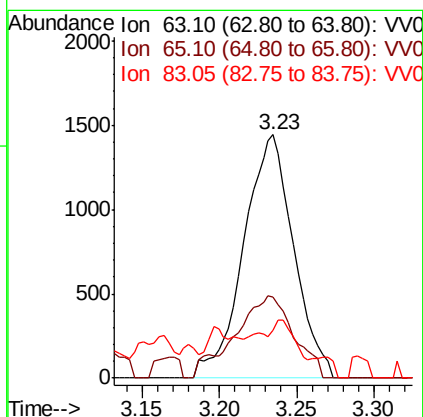
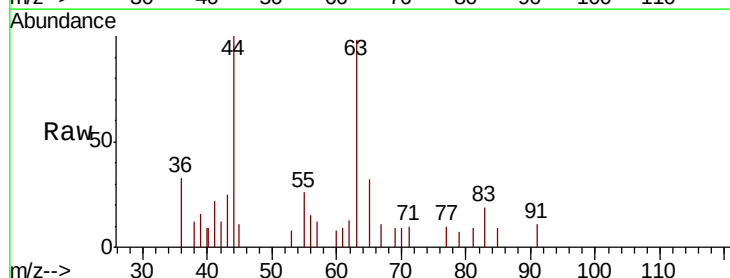
Instrument :
 MSVOA_V
 ClientSampleId :
 C0JC3

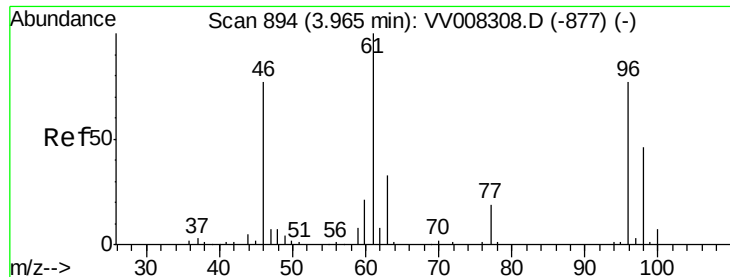
Tot Ion	96	Resp	16357
Ion Ratio	Lower	Upper	
96	100		
61	199.1	129.9	241.3
63	168.8	103.0	191.4



#19
 1,1-Dichloroethane
 Concen: 0.369 ug/L
 RT: 3.23 min Scan# 667
 Delta R.T. 0.01 min
 Lab File: VV008325.D
 Acq: 17 Oct 2018 05:06

Tgt Ion	63	Resp	3237
Ion Ratio	Lower	Upper	
63	100		
65	33.2	22.6	42.0
83	19.8	11.0	20.4





#22

cis-1,2-Dichloroethene

Concen: 3.806 ug/L

RT: 3.96 min Scan# 894

Delta R.T. -0.00 min

Lab File: VV008325.D

Acq: 17 Oct 2018 05:06

Instrument :

MSVOA_V

ClientSampled :

C0JC3

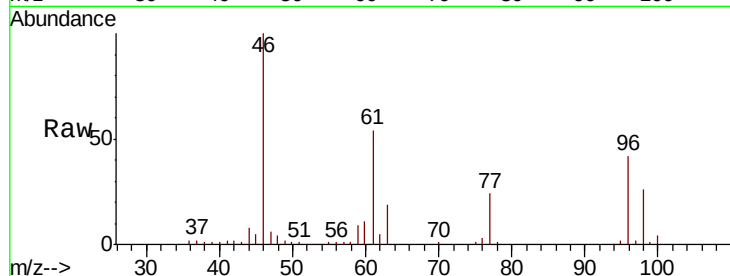
Tot Ion: 96 Resp: 26108

Ion Ratio Lower Upper

96 100

61 130.2 93.7 174.1

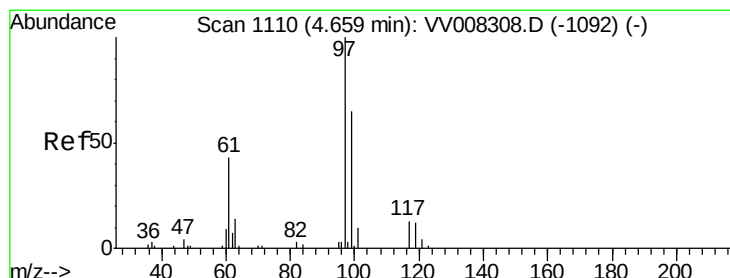
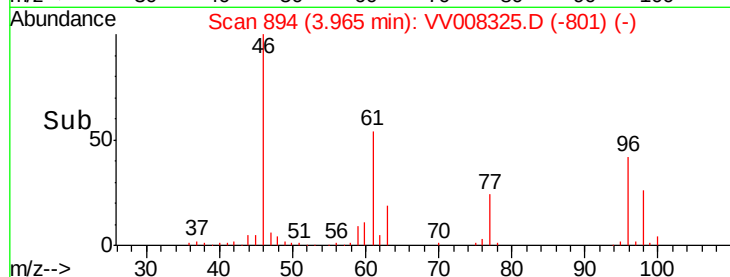
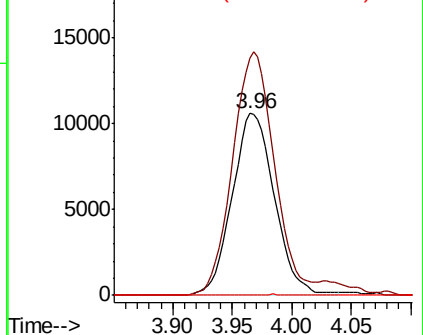
68 0.0 0.6 1.2#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0



#29

1,1,1-Trichloroethane

Concen: 0.317 ug/L

RT: 4.66 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VV008325.D

Acq: 17 Oct 2018 05:06

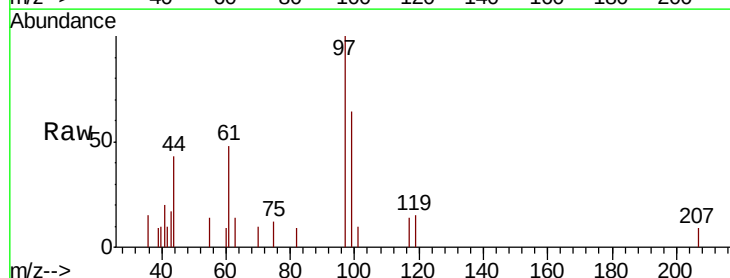
Tgt Ion: 97 Resp: 2898

Ion Ratio Lower Upper

97 100

99 60.9 51.6 77.4

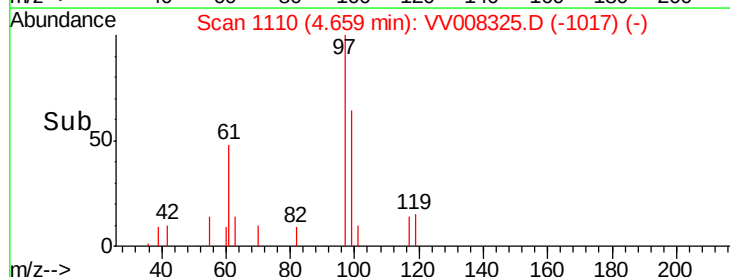
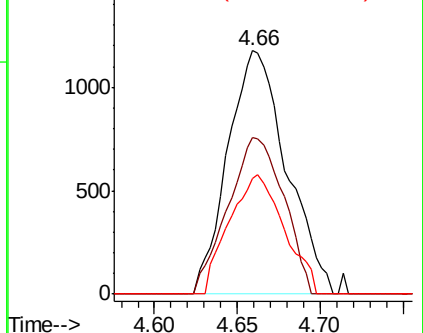
61 45.8 37.0 55.6

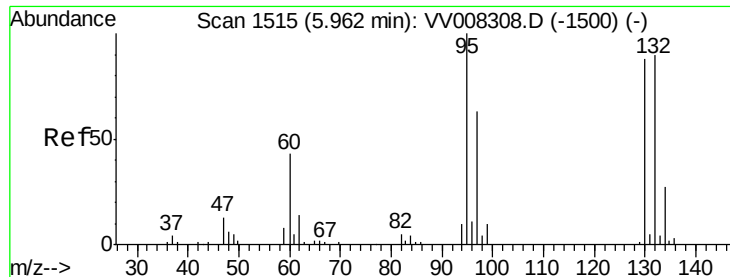


Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 61.05 (60.75 to 61.75): VV0





#34

Trichloroethene

Concen: 40.869 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VV008325.D

Acq: 17 Oct 2018 05:06

Instrument :

MSVOA_V

ClientSampleId :

C0JC3

Tot Ion: 95 Resp: 280034

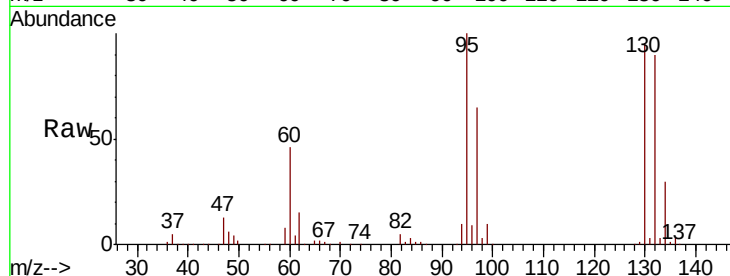
Ion Ratio Lower Upper

95 100

97 64.6 44.4 82.4

132 89.6 60.4 112.2

130 95.0 65.5 121.7

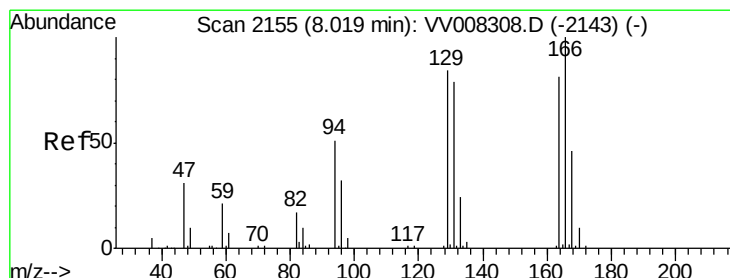
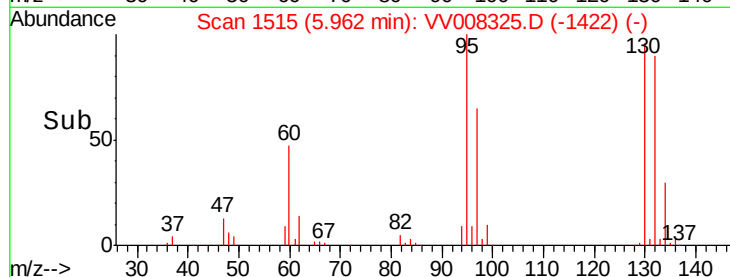
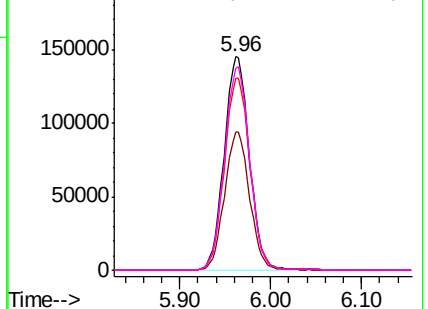


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 9.664 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV008325.D

Acq: 17 Oct 2018 05:06

Tgt Ion:164 Resp: 41488

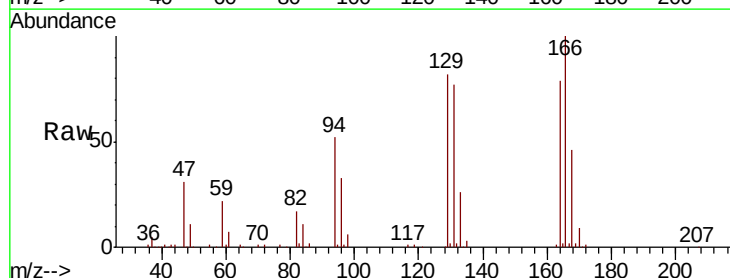
Ion Ratio Lower Upper

164 100

129 103.7 76.5 142.1

131 96.7 74.7 138.7

166 126.0 91.6 170.0



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

