

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022120\
 Data File : VV014666.D
 Acq On : 21 Feb 2020 20:22
 Operator : SY/MD
 Sample : L1607-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ6

Quant Time: Feb 22 00:39:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 21 23:36:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	222667	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	204064	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	96592	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35748	41.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.22%
7) Chloroethane-d5	1.59	69	27911	44.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.56%
11) 1,1-Dichloroethene-d2	2.13	63	59050	36.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.86%
21) 2-Butanone-d5	3.95	46	82805	102.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.44%
24) Chloroform-d	4.40	84	130227	45.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.48%
26) 1,2-Dichloroethane-d4	5.08	65	88840	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.62%
32) Benzene-d6	5.10	84	266289	49.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.11	67	79632	50.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.12%
41) Toluene-d8	7.36	98	248341	47.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.48%
43) trans-1,3-Dichloropropene-	7.66	79	41477	47.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.02%
47) 2-Hexanone-d5	8.14	63	62700	99.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.33%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	108253	49.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.22%
64) 1,2-Dichlorobenzene-d4	11.67	152	94881	50.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

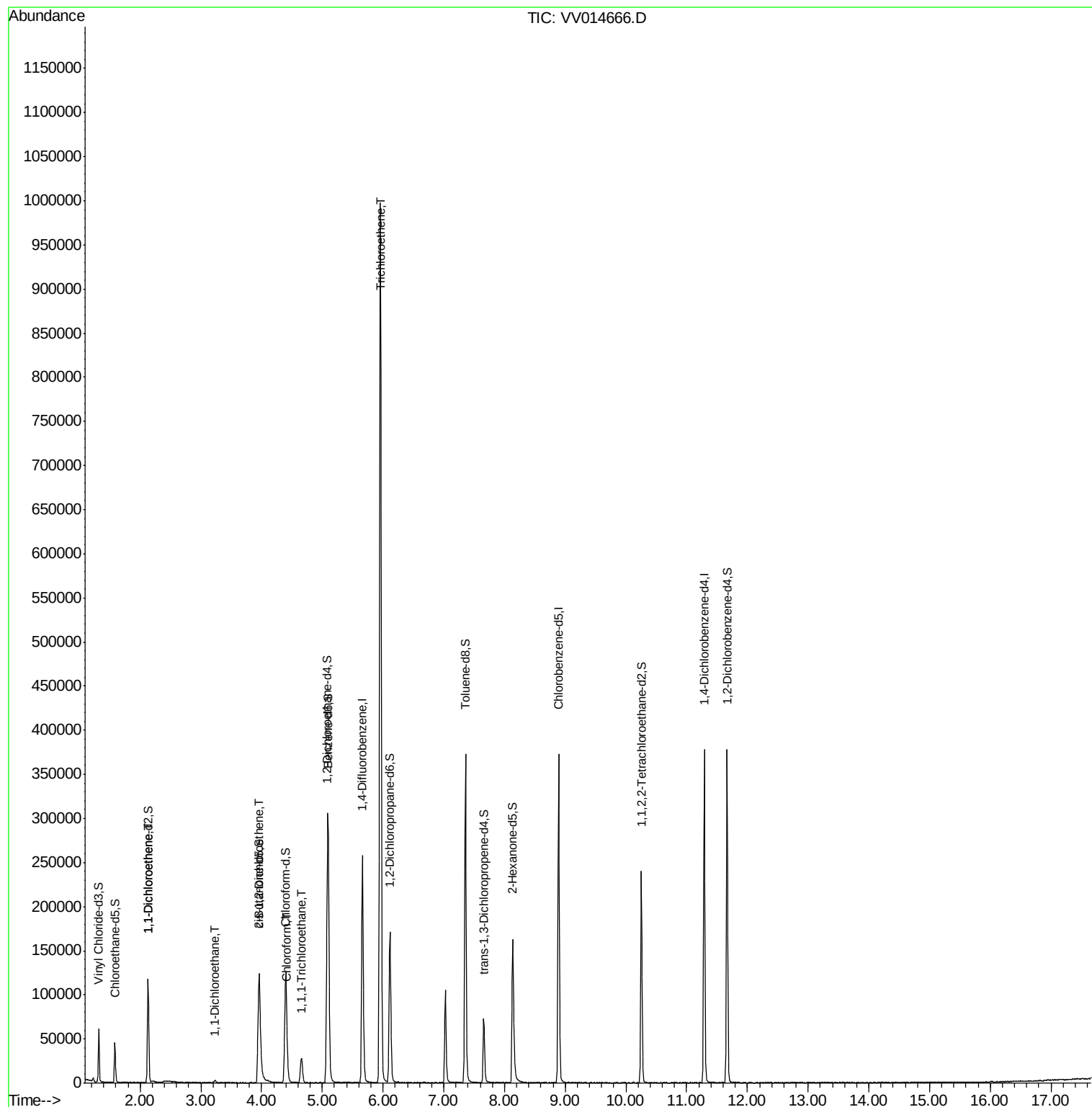
					Ovalue
12) 1,1-Dichloroethene	2.14	96	4469	6.584	ug/L # 1
19) 1,1-Dichloroethane	3.23	63	2139	0.902	ug/L # 86
20) cis-1,2-Dichloroethene	3.96	96	52081	34.067	ug/L 95
25) Chloroform	4.43	83	6904	2.502	ug/L 97
30) 1,1,1-Trichloroethane	4.66	97	22162	9.339	ug/L # 85
34) Trichloroethene	5.96	95	345820	225.737	ug/L 99

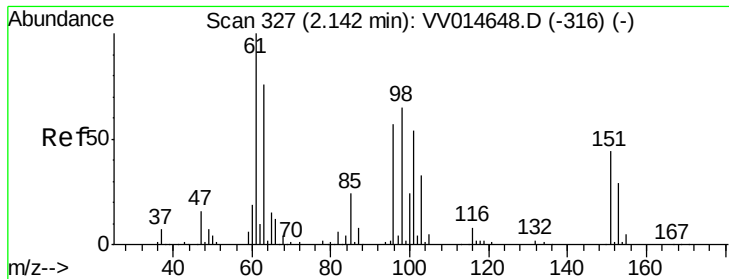
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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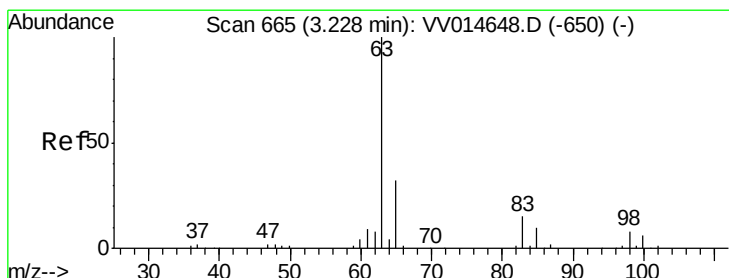
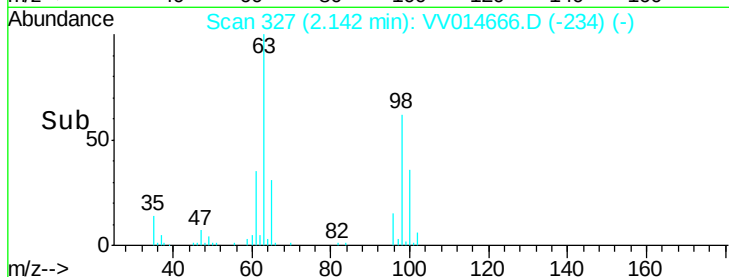
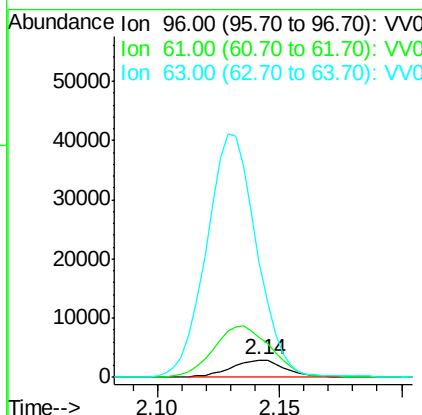
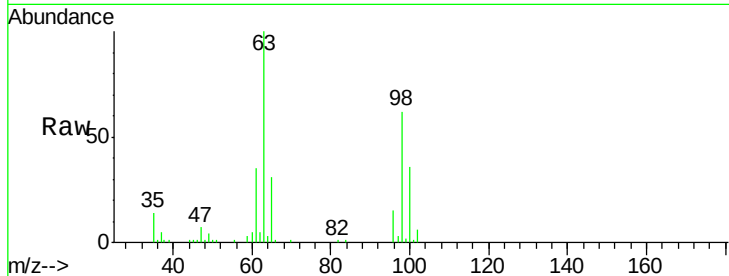




#12
 1,1-Dichloroethene
 Concen: 6.584 ug/L
 RT: 2.14 min Scan# 327
 Delta R.T. 0.00 min
 Lab File: VV014666.D
 Acq: 21 Feb 2020 20:22

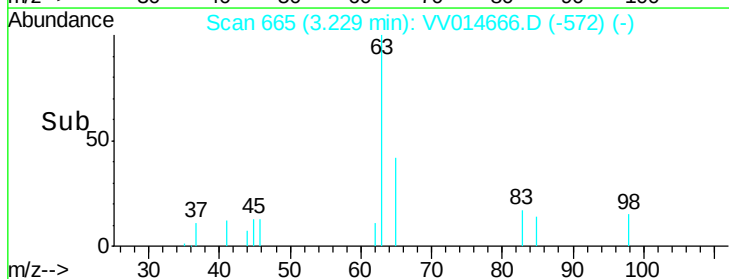
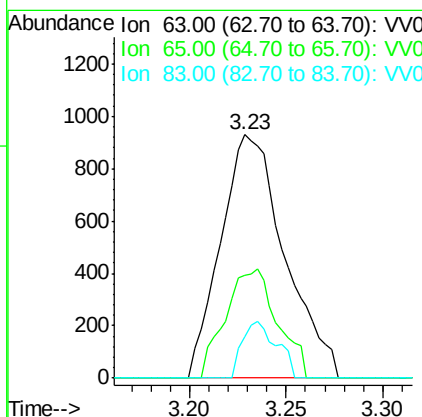
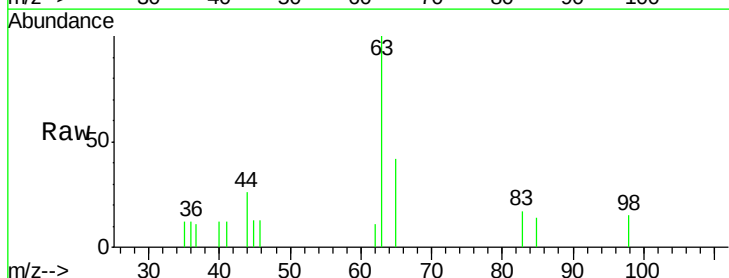
Instrument :
 MSVOA_V
 ClientSampled :
 C0AQ6

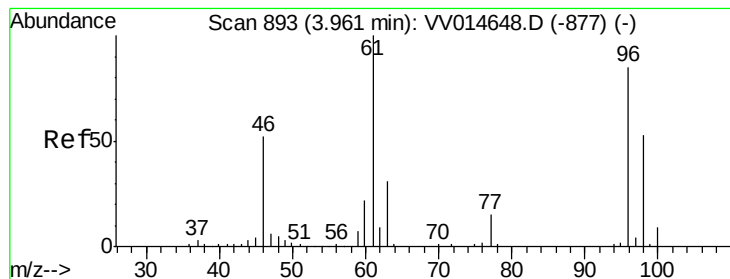
Tot Ion: 96 Resp: 4469
 Ion Ratio Lower Upper
 96 100
 61 230.9 124.5 231.1
 63 654.9 98.1 182.1#



#19
 1,1-Dichloroethane
 Concen: 0.902 ug/L
 RT: 3.23 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: VV014666.D
 Acq: 21 Feb 2020 20:22

Tgt Ion: 63 Resp: 2139
 Ion Ratio Lower Upper
 63 100
 65 42.5 22.6 42.0#
 83 17.0 10.3 19.1





#20

cis-1,2-Dichloroethene

Concen: 34.067 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV014666.D

Acq: 21 Feb 2020 20:22

Instrument :

MSVOA_V

ClientSampleId :

C0AQ6

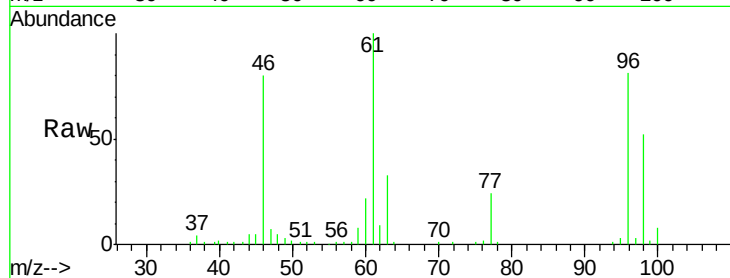
Tot Ion: 96 Resp: 52081

Ion Ratio Lower Upper

96 100

61 122.7 82.4 153.0

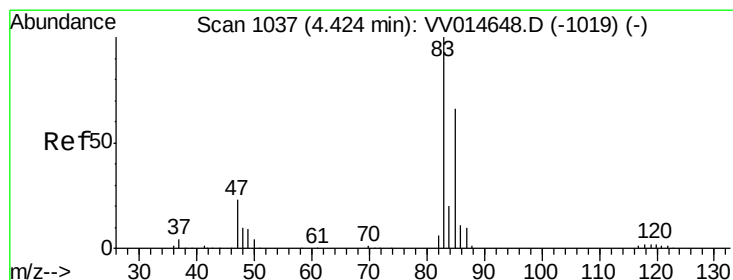
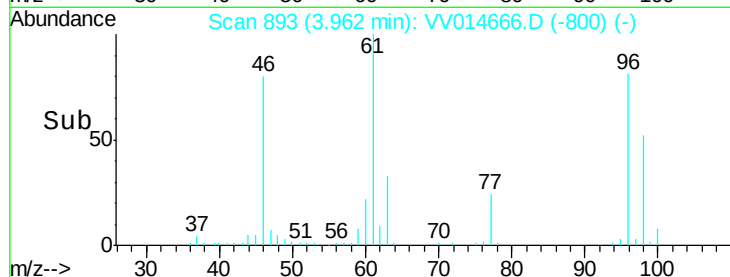
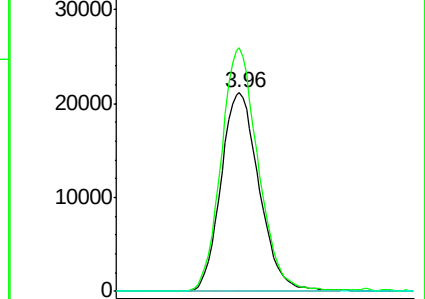
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV014648.D (-877) (-)

Ion 61.00 (60.70 to 61.70): VV014648.D (-877) (-)

Ion 68.00 (67.70 to 68.70): VV014648.D (-877) (-)



#25

Chloroform

Concen: 2.502 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV014666.D

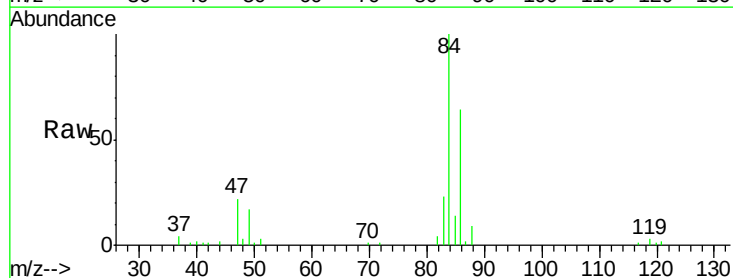
Acq: 21 Feb 2020 20:22

Tgt Ion: 83 Resp: 6904

Ion Ratio Lower Upper

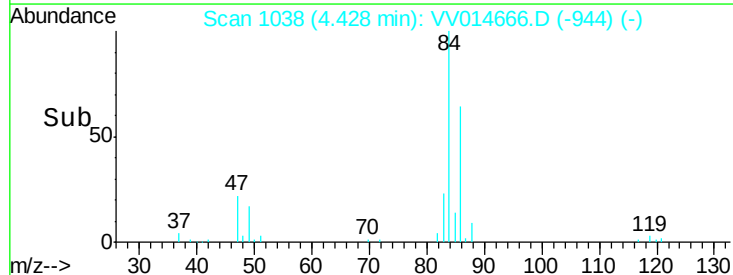
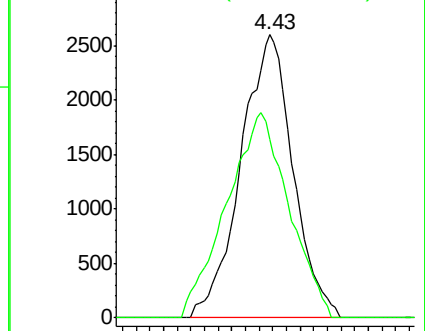
83 100

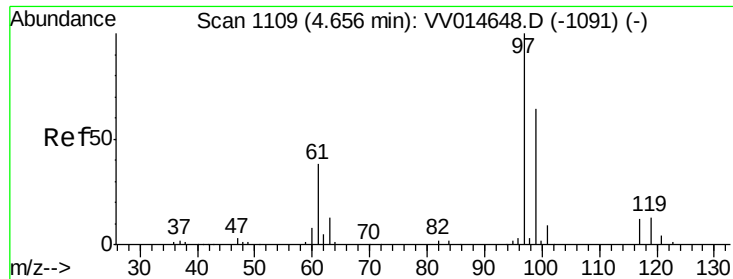
85 63.2 46.1 85.7



Abundance Ion 83.00 (82.70 to 83.70): VV014648.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VV014648.D (-1019) (-)

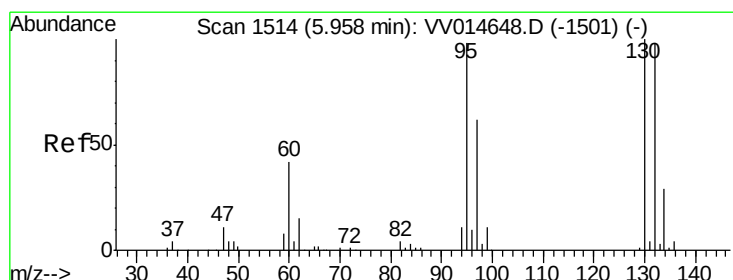
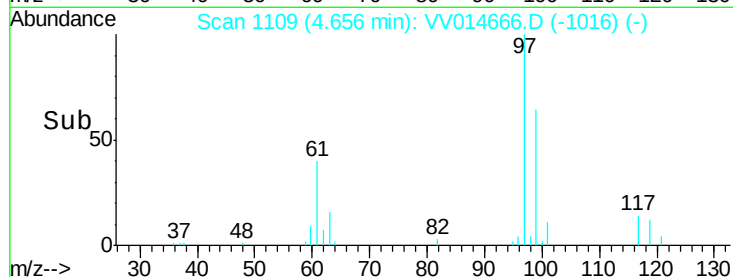
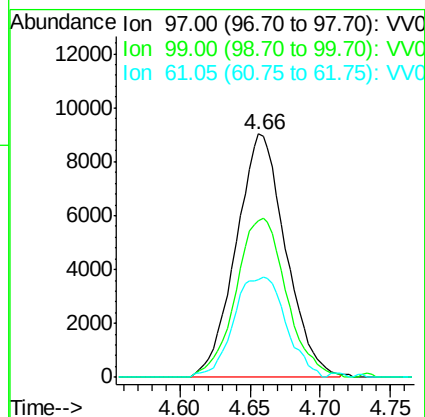
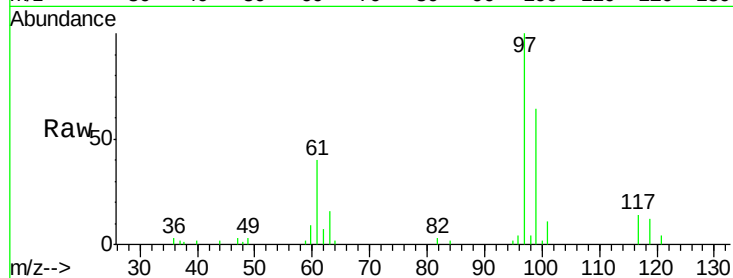




#30
1,1,1-Trichloroethane
Concen: 9.339 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VV014666.D
Acq: 21 Feb 2020 20:22

Instrument :
MSVOA_V
ClientSampleId :
C0AQ6

Tot Ion: 97 Resp: 22162
Ion Ratio Lower Upper
97 100
99 66.7 52.0 78.0
61 17.2 31.4 47.0#



#34
Trichloroethene
Concen: 225.737 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV014666.D
Acq: 21 Feb 2020 20:22

Tgt Ion: 95 Resp: 345820
Ion Ratio Lower Upper
95 100
97 64.4 44.3 82.3
132 98.5 69.7 129.4
130 100.3 71.3 132.5

