

Data File : VV014664.D
Acq On : 21 Feb 2020 19:35
Operator : SY/MD
Sample : L1607-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP8

Quant Time: Feb 21 23:41:33 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	228850	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	212623	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	99805	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37101	41.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.02%
7) Chloroethane-d5	1.59	69	29148	45.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.13	63	59064	35.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.90%
21) 2-Butanone-d5	3.95	46	82633	99.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.46%
24) Chloroform-d	4.40	84	134335	45.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.82%
26) 1,2-Dichloroethane-d4	5.08	65	90945	48.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.22%
32) Benzene-d6	5.10	84	270945	48.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.28%
36) 1,2-Dichloropropane-d6	6.11	67	81193	49.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.96%
41) Toluene-d8	7.36	98	252740	46.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.26%
43) trans-1,3-Dichloropropene-	7.66	79	42034	45.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.46%
47) 2-Hexanone-d5	8.14	63	63441	96.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.46%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	110824	48.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.48%
64) 1,2-Dichlorobenzene-d4	11.67	152	98163	50.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.54%

Target Compounds

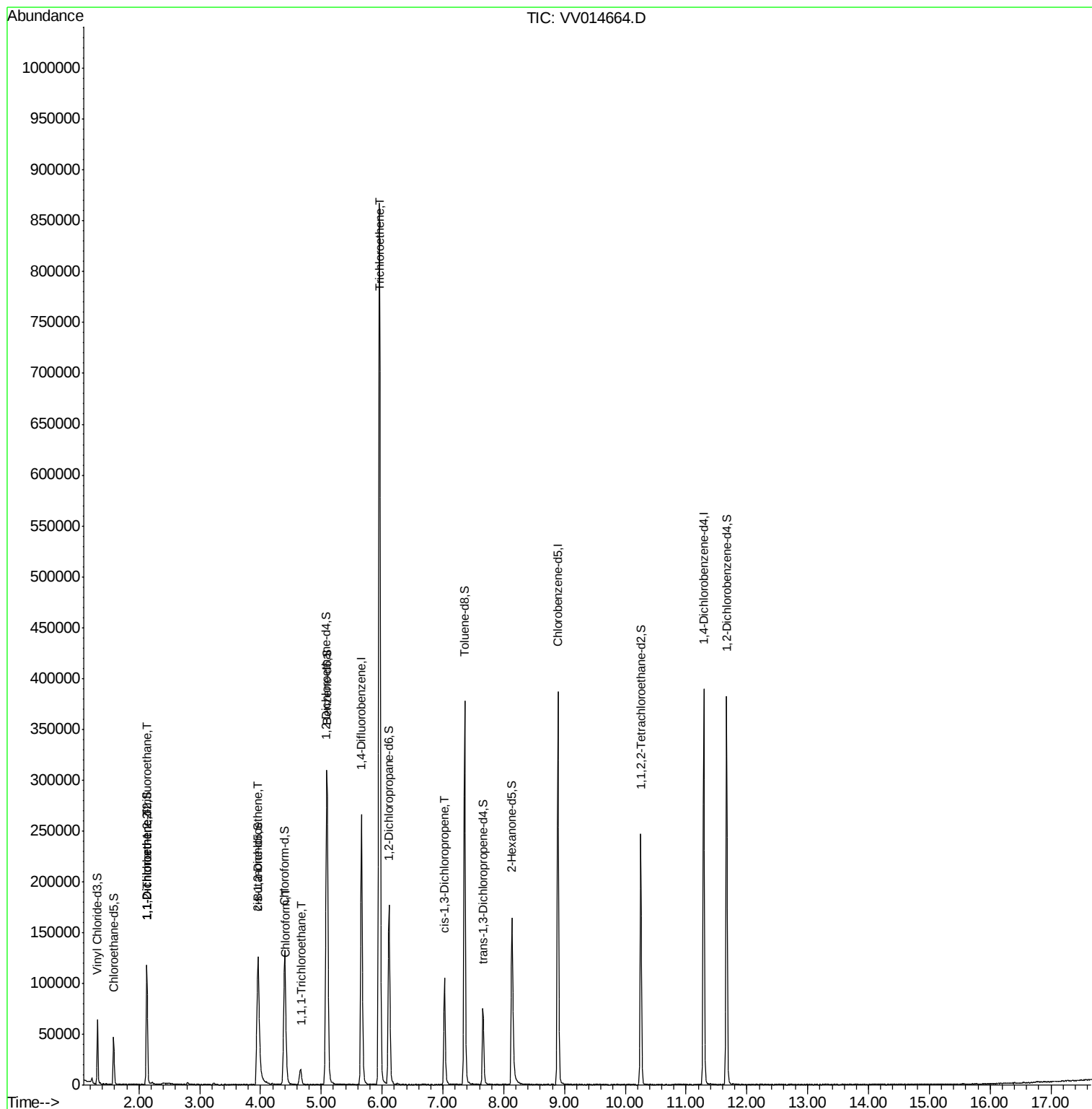
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	819	1.057 ug/L #	17
12) 1,1-Dichloroethene	2.14	96	2450	3.512 ug/L #	1
20) cis-1,2-Dichloroethene	3.96	96	51994	33.091 ug/L	100
25) Chloroform	4.42	83	6452	2.275 ug/L	94
30) 1,1,1-Trichloroethane	4.66	97	11791	4.769 ug/L	97
34) Trichloroethene	5.96	95	302161	189.299 ug/L	99
39) cis-1,3-Dichloropropene	7.03	75	2952	1.232 ug/L #	62

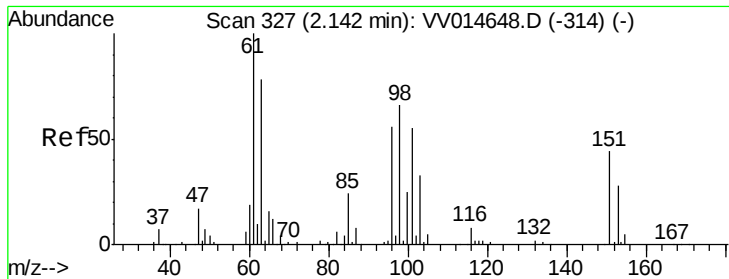
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.057 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

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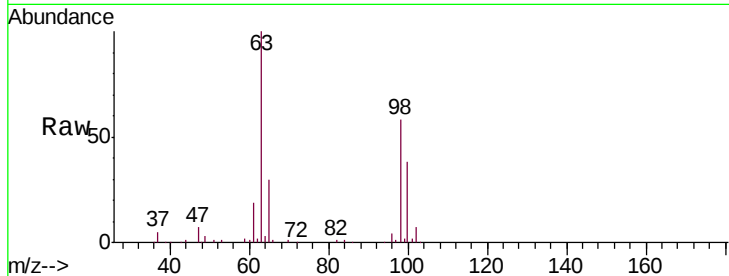
Tgt Ion: 101 Resp: 819

Ion Ratio Lower Upper

101 100

85 0.0 37.3 55.9#

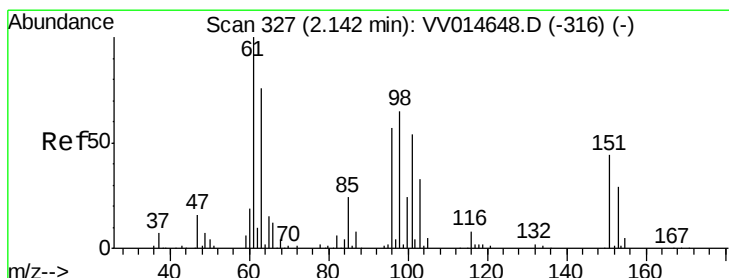
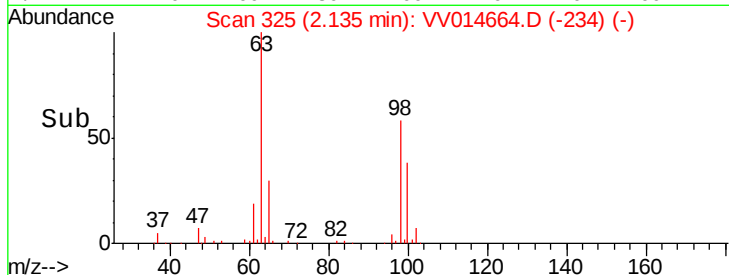
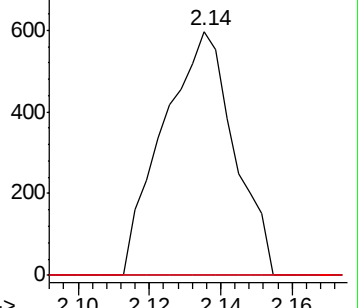
151 0.0 64.6 96.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 3.512 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV014664.D

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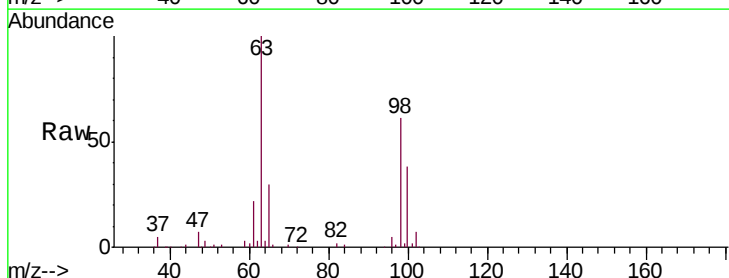
Tgt Ion: 96 Resp: 2450

Ion Ratio Lower Upper

96 100

61 424.6 124.5 231.1#

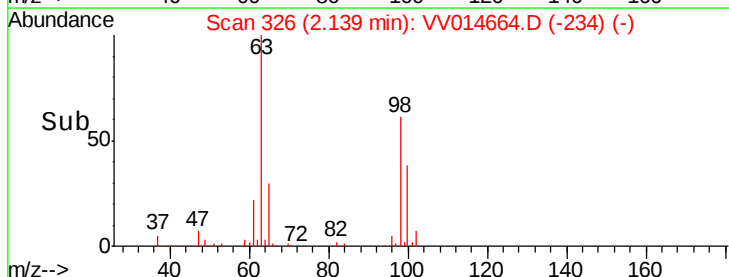
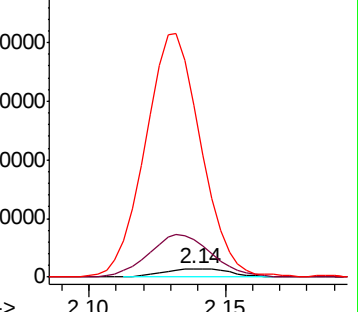
63 1969.3 98.1 182.1#

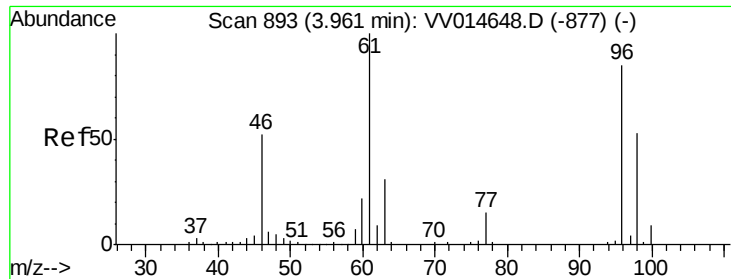


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

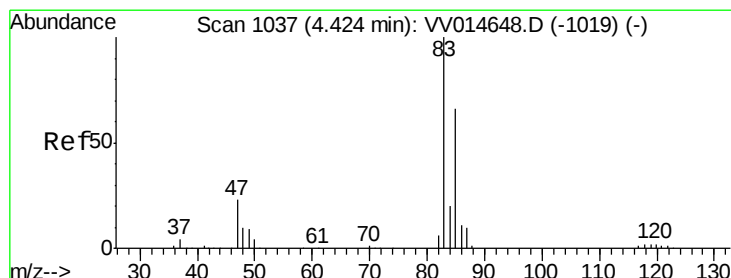
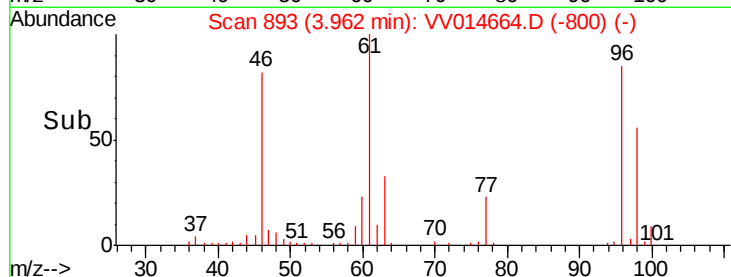
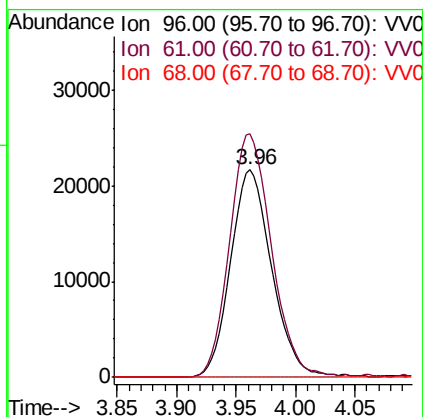
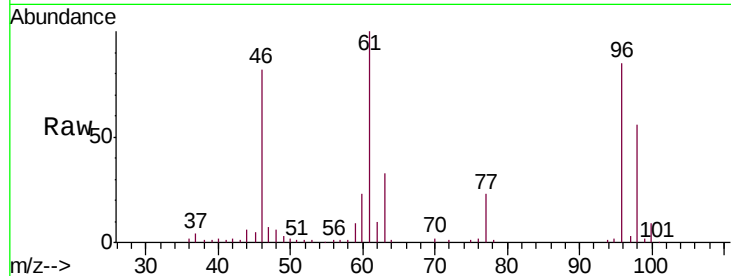




#20
 cis-1,2-Dichloroethene
 Concen: 33.091 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VV014664.D
 Acq: 21 Feb 2020 19:35

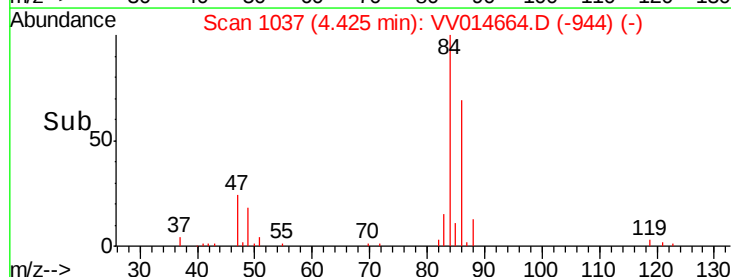
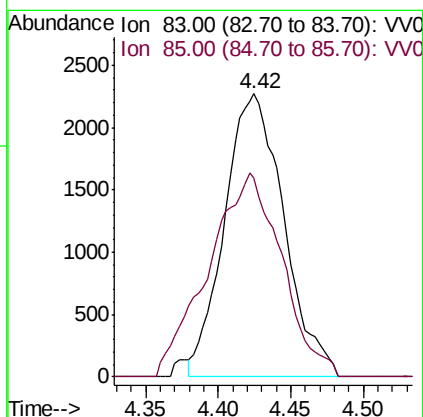
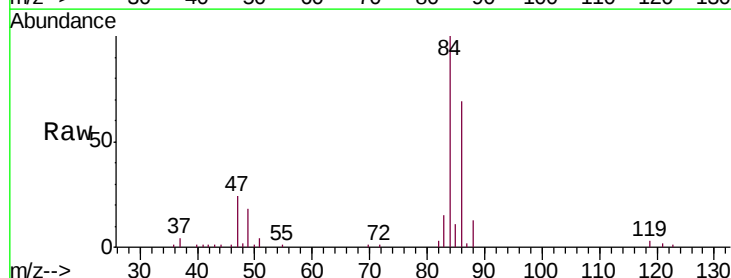
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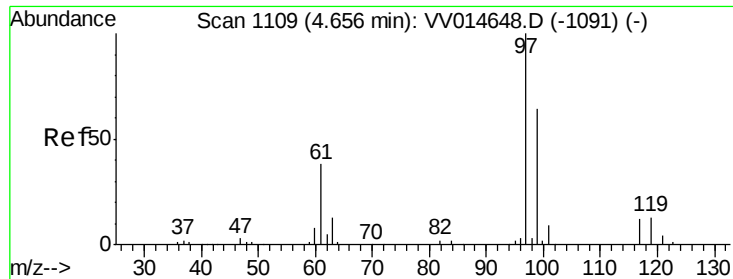
Tgt Ion: 96 Resp: 51994
 Ion Ratio Lower Upper
 96 100
 61 117.4 82.4 153.0
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 2.275 ug/L
 RT: 4.42 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VV014664.D
 Acq: 21 Feb 2020 19:35

Tgt Ion: 83 Resp: 6452
 Ion Ratio Lower Upper
 83 100
 85 70.3 46.1 85.7

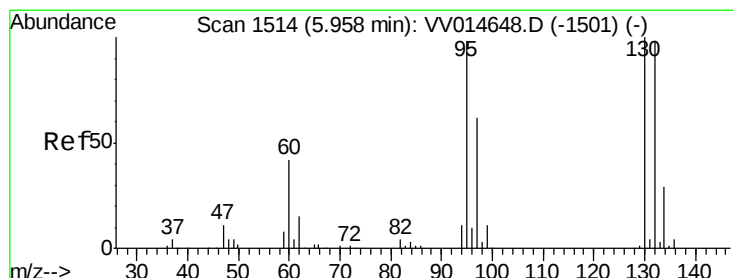
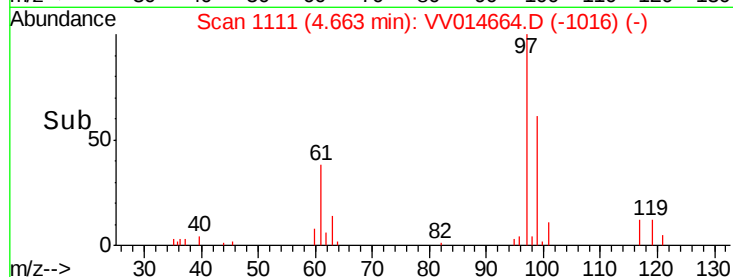
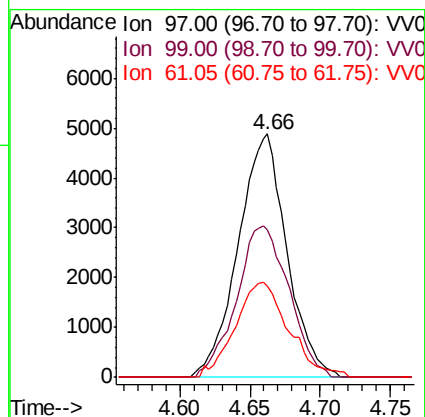
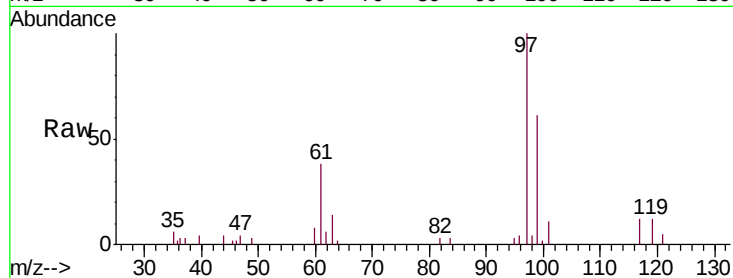




#30
 1,1,1-Trichloroethane
 Concen: 4.769 ug/L
 RT: 4.66 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: VV014664.D
 Acq: 21 Feb 2020 19:35

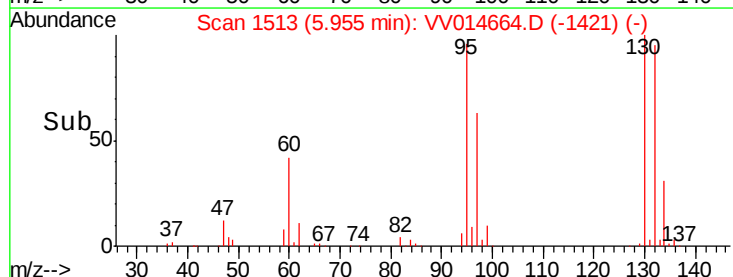
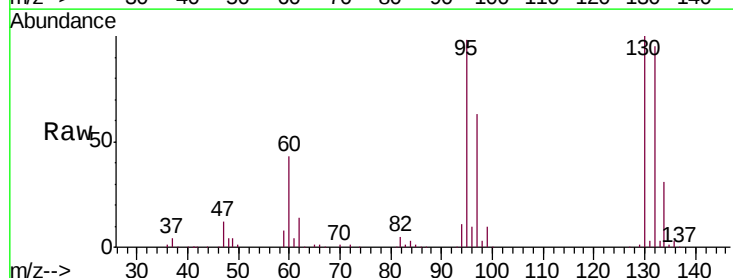
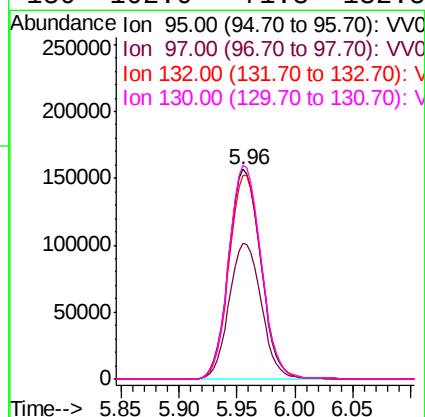
Instrument :
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 ClientSampleId :
 C0AP8

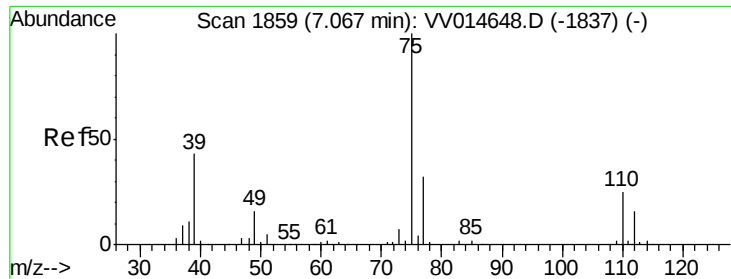
Tgt Ion: 97 Resp: 11791
 Ion Ratio Lower Upper
 97 100
 99 66.7 52.0 78.0
 61 42.1 31.4 47.0



#34
 Trichloroethene
 Concen: 189.299 ug/L
 RT: 5.96 min Scan# 1513
 Delta R.T. -0.00 min
 Lab File: VV014664.D
 Acq: 21 Feb 2020 19:35

Tgt Ion: 95 Resp: 302161
 Ion Ratio Lower Upper
 95 100
 97 64.6 44.3 82.3
 132 97.2 69.7 129.4
 130 102.0 71.3 132.5





#39

cis-1,3-Dichloropropene

Concen: 1.232 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV014664.D

Acq: 21 Feb 2020 19:35

Instrument :

MSVOA_V

ClientSampleId :

C0AP8

Tgt Ion: 75 Resp: 2952

Ion Ratio Lower Upper

75 100

77 52.9 22.4 41.6#

