

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022120\
 Data File : VV014684.D
 Acq On : 22 Feb 2020 03:45
 Operator : SY/MD
 Sample : L1608-12 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 24 04:39:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 24 04:25:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	211082	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	195870	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	93214	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31268	37.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.86%
7) Chloroethane-d5	1.59	69	25807	43.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.38%
11) 1,1-Dichloroethene-d2	2.13	63	51450	33.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.96%
21) 2-Butanone-d5	3.96	46	75449	98.46	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.46%
24) Chloroform-d	4.40	84	125890	46.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.28%
26) 1,2-Dichloroethane-d4	5.08	65	86198	49.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.92%
32) Benzene-d6	5.10	84	251535	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.04%
36) 1,2-Dichloropropane-d6	6.11	67	74638	49.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.76%
41) Toluene-d8	7.36	98	233042	46.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.34%
43) trans-1,3-Dichloropropene-	7.66	79	37551	44.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.68%
47) 2-Hexanone-d5	8.14	63	57446	94.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.82%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	103254	49.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	94207	51.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.30%

Target Compounds

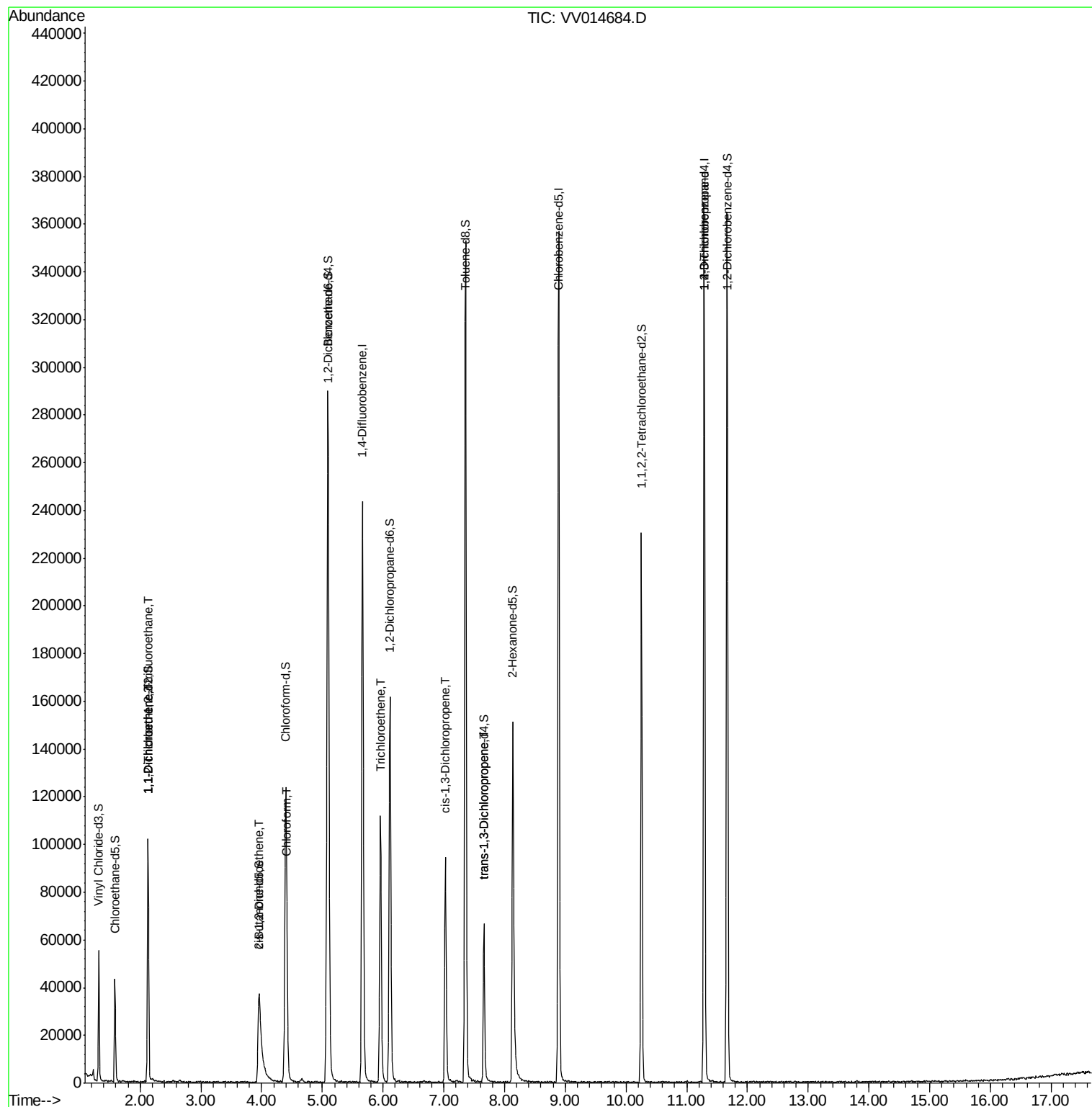
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	530	0.741 ug/L #	17
12) 1,1-Dichloroethene	2.13	96	611	0.950 ug/L #	1
20) cis-1,2-Dichloroethene	3.96	96	1493	1.030 ug/L	100
25) Chloroform	4.42	83	4756	1.818 ug/L	95
34) Trichloroethene	5.96	95	38096	25.908 ug/L	98
39) cis-1,3-Dichloropropene	7.02	75	2350	1.065 ug/L #	55
44) trans-1,3-Dichloropropene	7.66	75	1981	0.990 ug/L	91
59) 1,2,3-Trichloropropane	11.29	75	10088	6.035 ug/L #	85

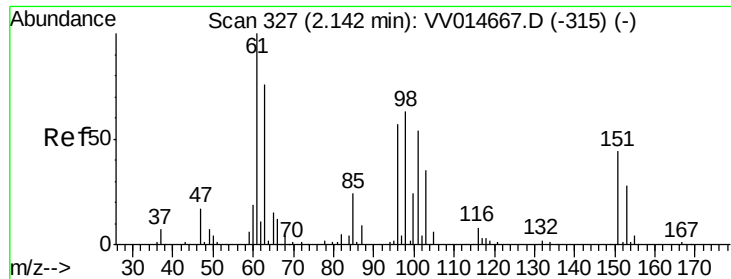
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Feb 24 04:25:56 2020
Response via : Initial Calibration





#10

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

Concen: 0.741 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014684.D

Acq: 22 Feb 2020 03:45

Instrument :

MSVOA_V

ClientSampleId :

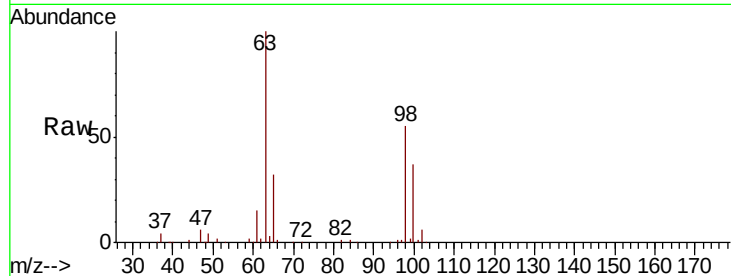
Tot Ion:101 Resp: 530

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

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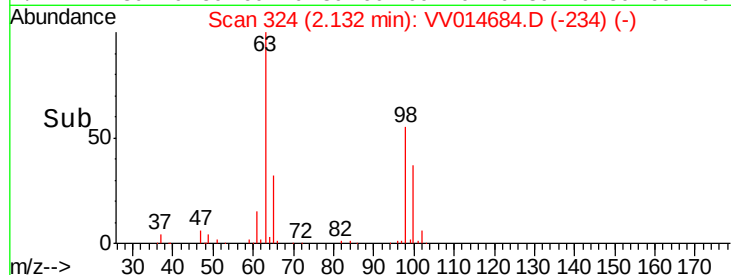
2.13

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2.13



#12

1,1-Dichloroethene

Concen: 0.950 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014684.D

Acq: 22 Feb 2020 03:45

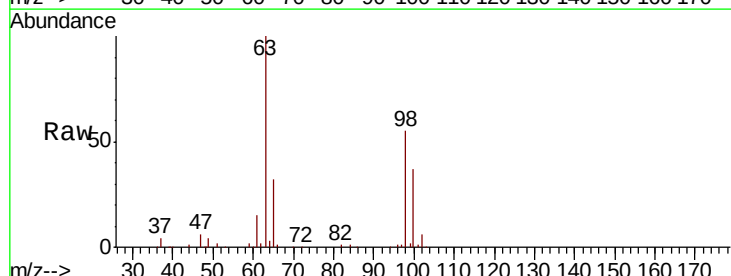
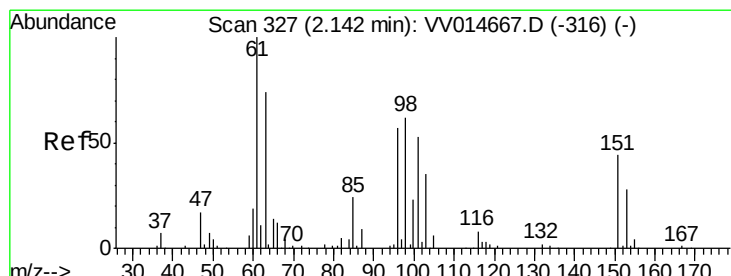
Tgt Ion: 96 Resp: 611

Ion Ratio Lower Upper

96 100

61 1460.9 124.5 231.1#

63 9540.9 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

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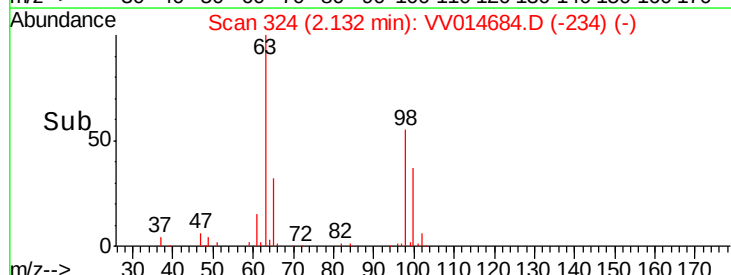
2.13

2.13

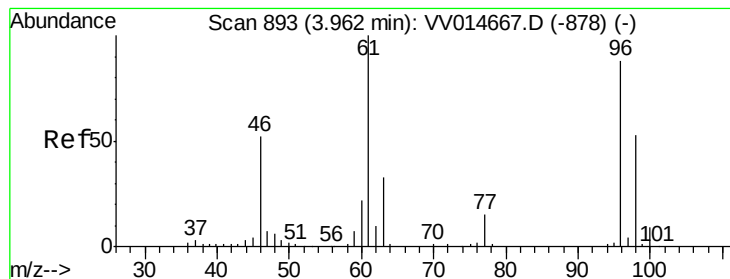
2.13

2.13

2.13



Time-->

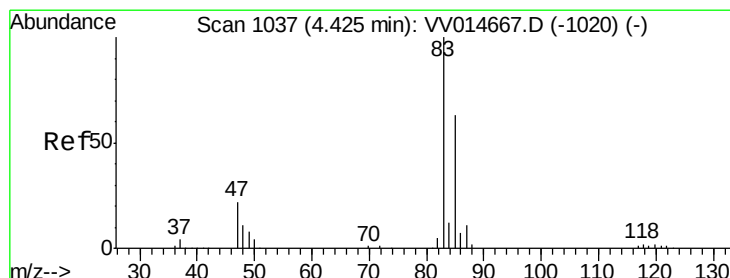
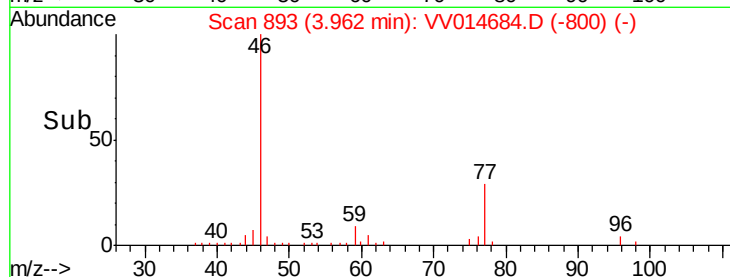
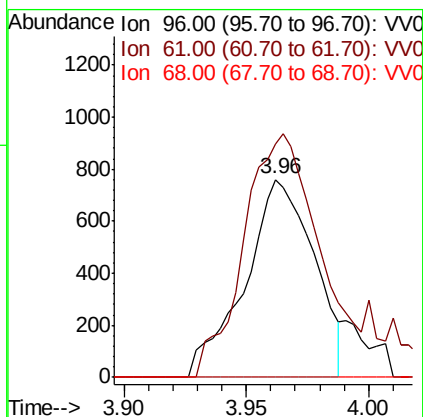
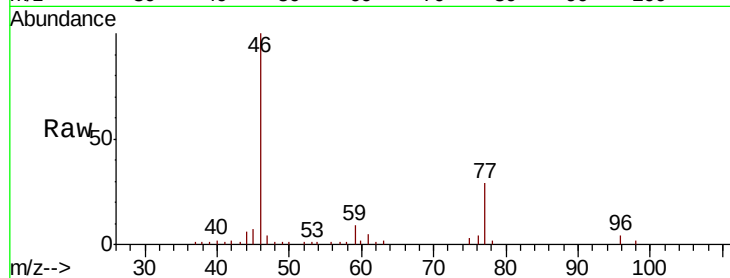


#20

cis-1,2-Dichloroethene
 Concen: 1.030 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VV014684.D
 Acq: 22 Feb 2020 03:45

Instrument :
 MSVOA_V
 ClientSampled :

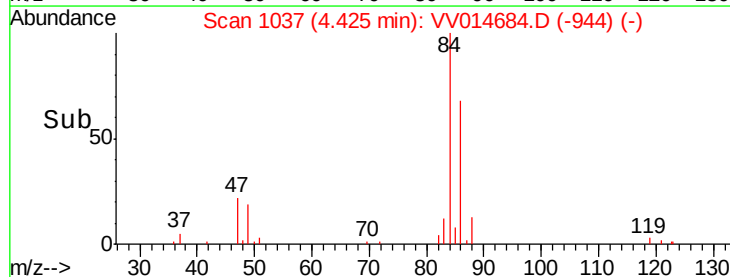
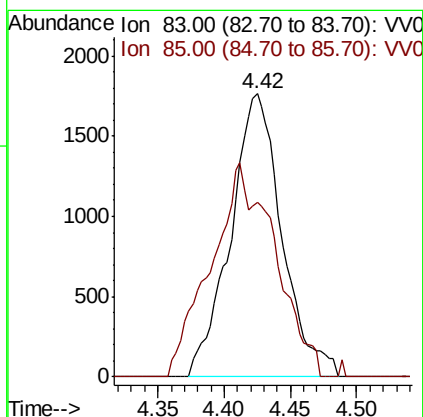
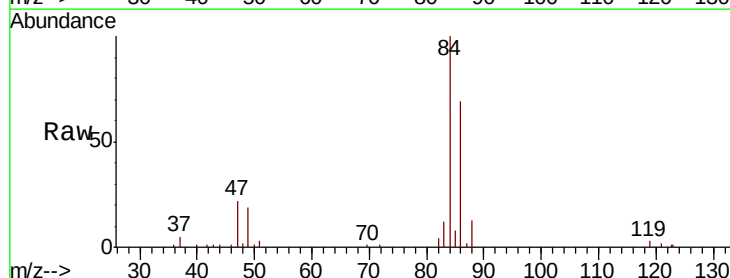
Tot Ion: 96 Resp: 1493
 Ion Ratio Lower Upper
 96 100
 61 117.8 82.4 153.0
 68 0.0 0.0 0.0

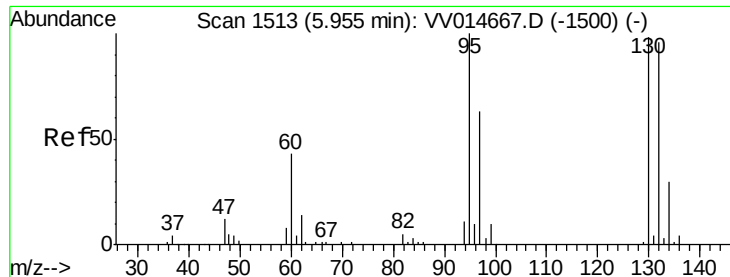


#25

Chloroform
 Concen: 1.818 ug/L
 RT: 4.42 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VV014684.D
 Acq: 22 Feb 2020 03:45

Tgt Ion: 83 Resp: 4756
 Ion Ratio Lower Upper
 83 100
 85 61.5 46.1 85.7





#34

Trichloroethene

Concen: 25.908 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV014684.D

Acq: 22 Feb 2020 03:45

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 38096

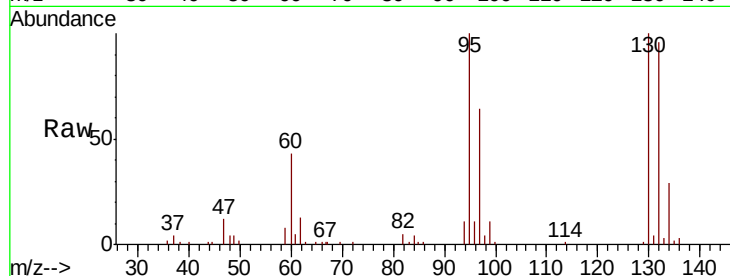
Ion Ratio Lower Upper

95 100

97 64.0 44.3 82.3

132 96.4 69.7 129.4

130 100.0 71.3 132.5

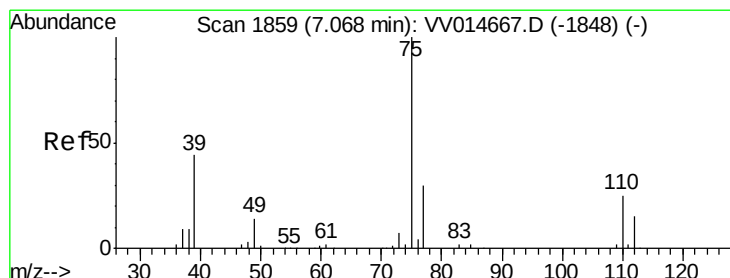
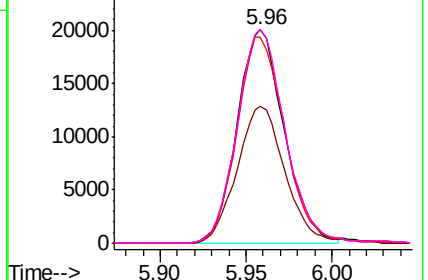
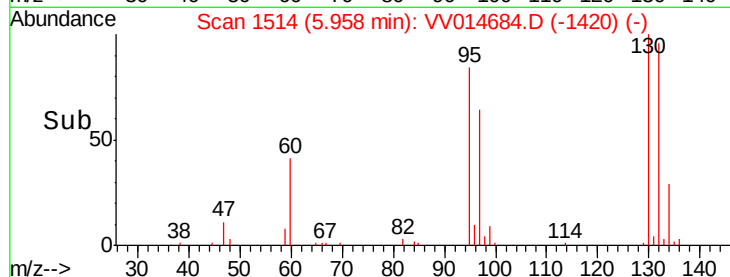


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#39

cis-1,3-Dichloropropene

Concen: 1.065 ug/L

RT: 7.02 min Scan# 1845

Delta R.T. -0.04 min

Lab File: VV014684.D

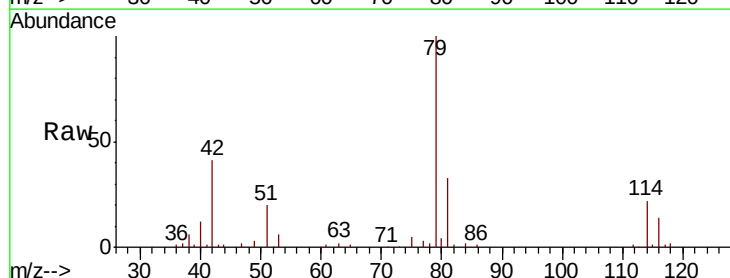
Acq: 22 Feb 2020 03:45

Tgt Ion: 75 Resp: 2350

Ion Ratio Lower Upper

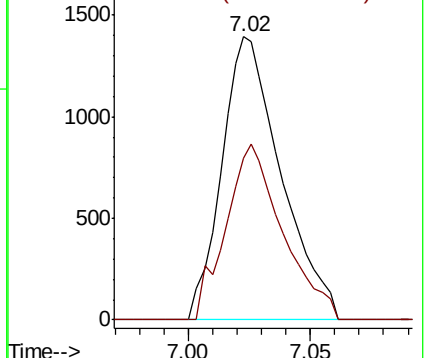
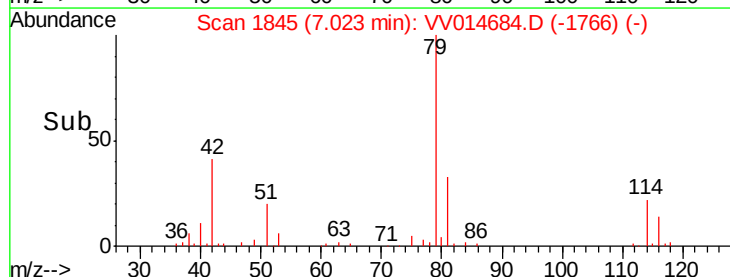
75 100

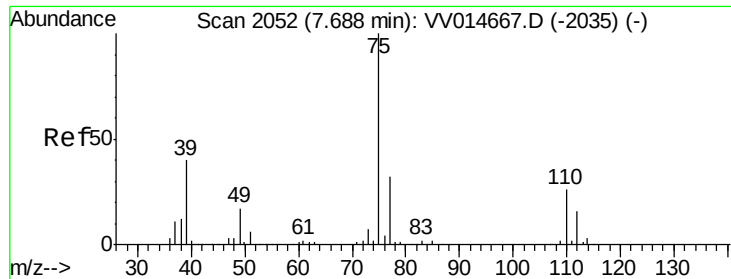
77 57.3 22.4 41.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#44

trans-1,3-Dichloropropene

Concen: 0.990 ug/L

RT: 7.66 min Scan# 2042

Delta R.T. -0.03 min

Lab File: VV014684.D

Acq: 22 Feb 2020 03:45

Instrument :

MSVOA_V

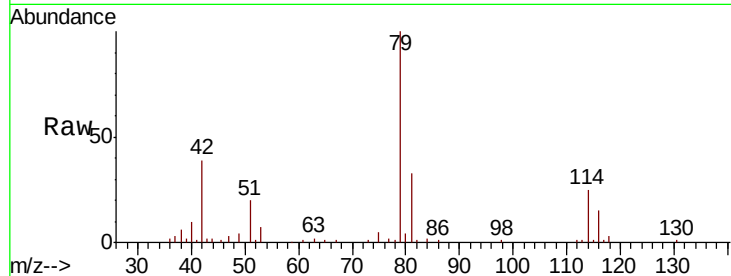
ClientSampleId :

Tot Ion: 75 Resp: 1981

Ion Ratio Lower Upper

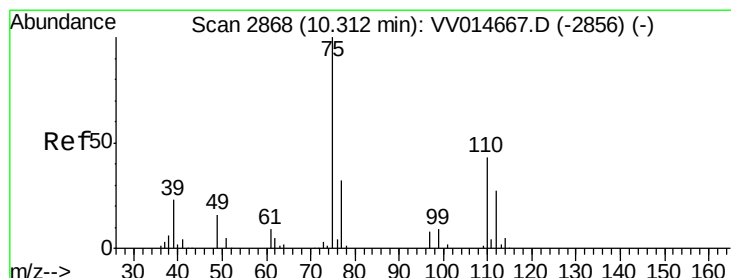
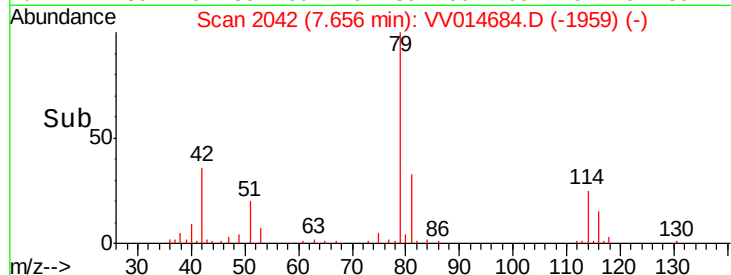
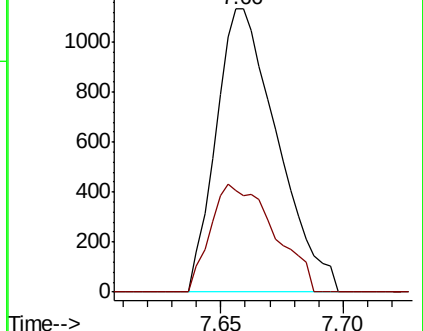
75 100

77 36.0 21.9 40.7



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#59

1,2,3-Trichloropropane

Concen: 6.035 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.98 min

Lab File: VV014684.D

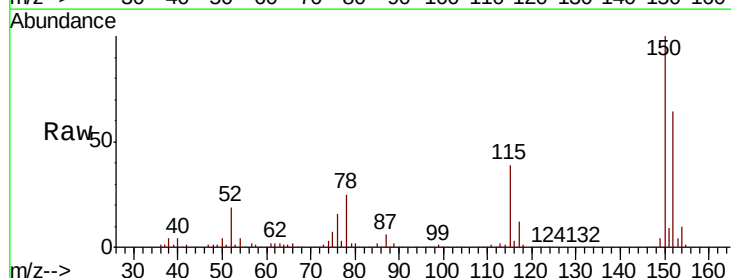
Acq: 22 Feb 2020 03:45

Tgt Ion: 75 Resp: 10088

Ion Ratio Lower Upper

75 100

77 40.6 25.7 38.5#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

