

Data File : VV009003.D
Acq On : 18 Dec 2018 00:53
Operator : SY/MD
Sample : J6422-06
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COLD0

Quant Time: Dec 18 03:43:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 18 03:36:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	192506	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	179296	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	75893	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52346	46.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.12%
7) Chloroethane-d5	1.56	69	43079	60.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	121.78%
11) 1,1-Dichloroethene-d2	2.13	63	106662	40.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.34%
21) 2-Butanone-d5	3.93	46	86886	115.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.75%
24) Chloroform-d	4.41	84	116253	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.92%
26) 1,2-Dichloroethane-d4	5.08	65	78819	51.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.18%
32) Benzene-d6	5.10	84	239444	49.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.12%
36) 1,2-Dichloropropane-d6	6.12	67	74355	51.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.42%
41) Toluene-d8	7.36	98	223589	49.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	7.67	79	33667	45.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.44%
47) 2-Hexanone-d5	8.13	63	56655	105.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.43%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	90287	48.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.32%
64) 1,2-Dichlorobenzene-d4	11.68	152	79211	50.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

						Qvalue
9) Trichlorofluoromethane	2.13	101	911	0.424	ug/L #	27
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	911	0.693	ug/L #	18
12) 1,1-Dichloroethene	2.14	96	8542	7.146	ug/L #	1
20) cis-1,2-Dichloroethene	3.97	96	9822	7.078	ug/L	83
30) 1,1,1-Trichloroethane	4.66	97	2770	1.261	ug/L #	83
34) Trichloroethene	5.96	95	112799	79.060	ug/L	98
37) 1,2-Dichloropropane	6.12	63	8329	6.518	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2106	1.034	ug/L #	69
44) trans-1,3-Dichloropropene	7.67	75	1519	0.800	ug/L #	66
48) 2-Hexanone	8.18	43	3541	2.880	ug/L #	43
59) 1,2,3-Trichloropropane	11.30	75	7961	4.947	ug/L #	88

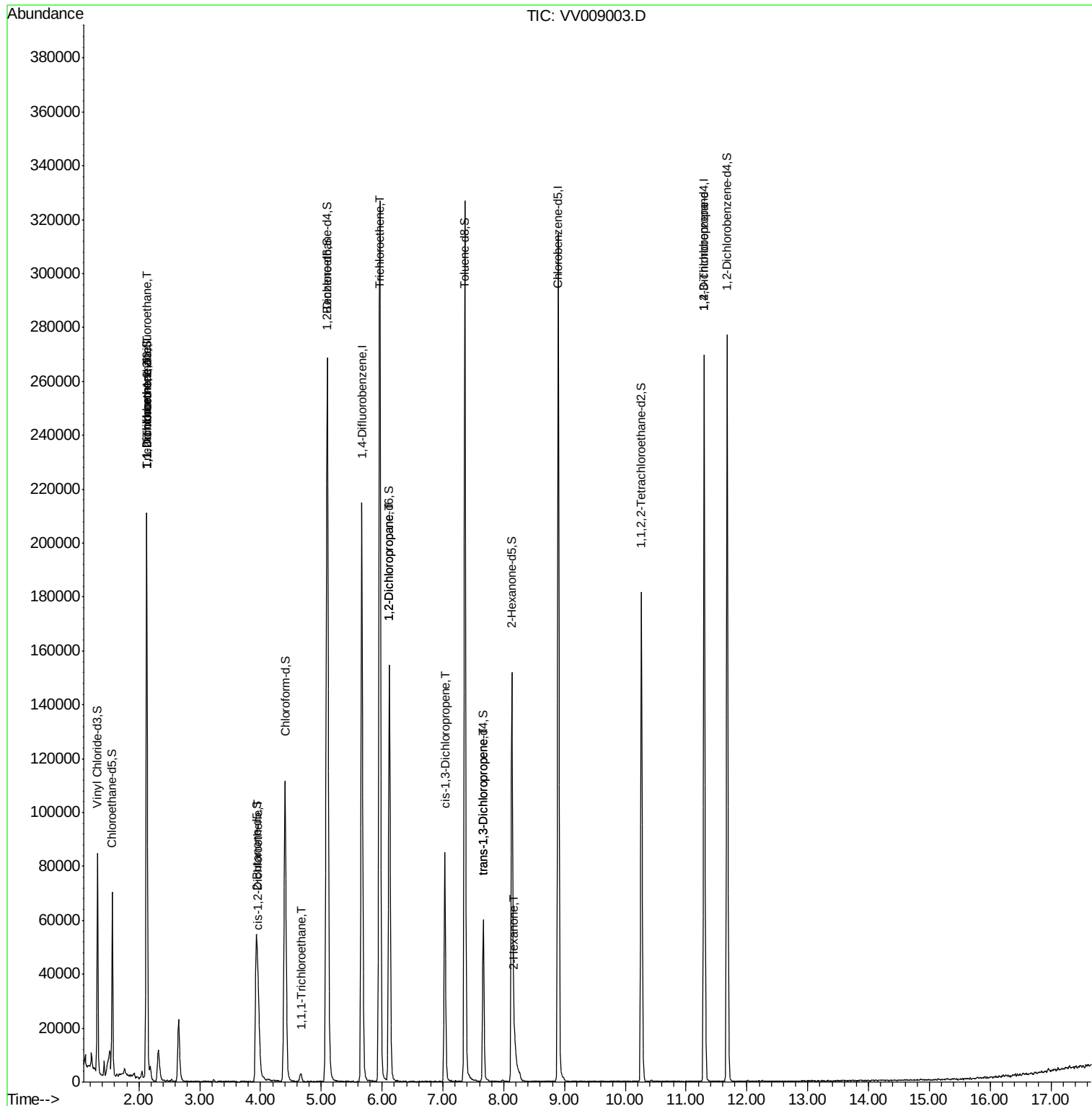
(#) = qualifier out of range (m) = manual integration (+) = signals summed

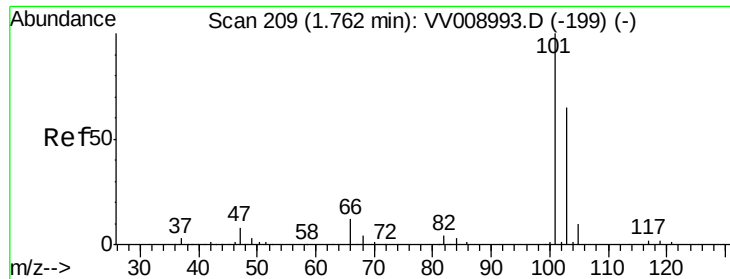
Data File : VV009003.D

```
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Sample      : J6422-06
Misc       : 5.0 mL/MSVOA_V/WATER
ALS Vial    : 36   Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
C0LD0

Quant Time: Dec 18 03:43:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 18 03:36:51 2018
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.424 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.37 min

Lab File: VV009003.D

Acq: 18 Dec 2018 00:53

Instrument :

MSVOA_V

ClientSampleId :

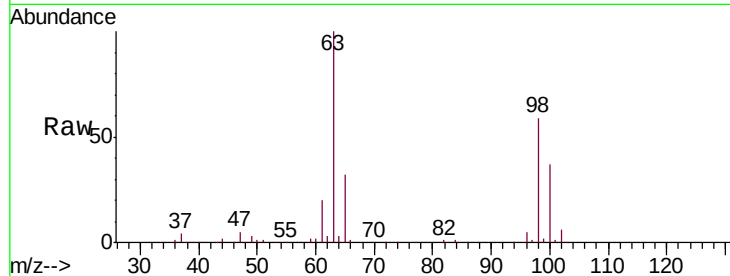
COLD0

Tgt Ion:101 Resp: 911

Ion Ratio Lower Upper

101 100

103 7.1 51.5 77.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

800

600

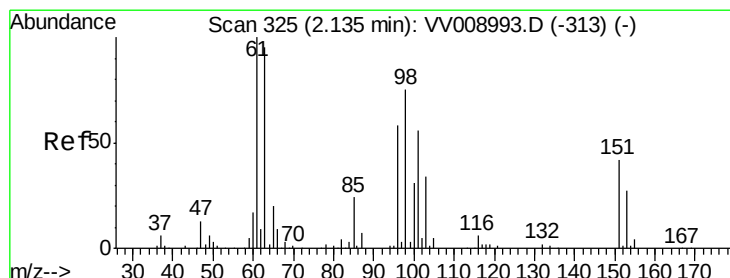
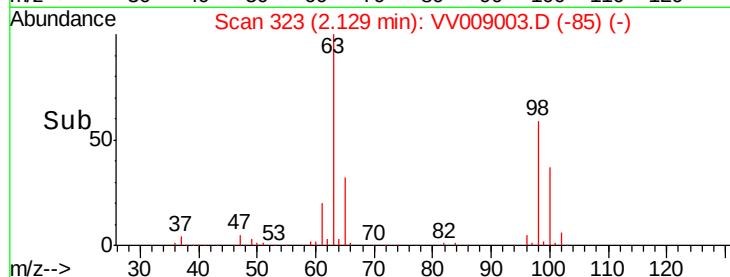
400

200

0

2.10 2.12 2.14 2.16

Time-->



#10

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

Concen: 0.693 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV009003.D

Acq: 18 Dec 2018 00:53

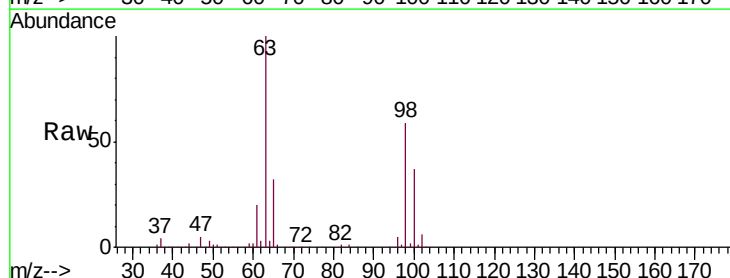
Tgt Ion:101 Resp: 911

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 63.8 95.8#



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

800

600

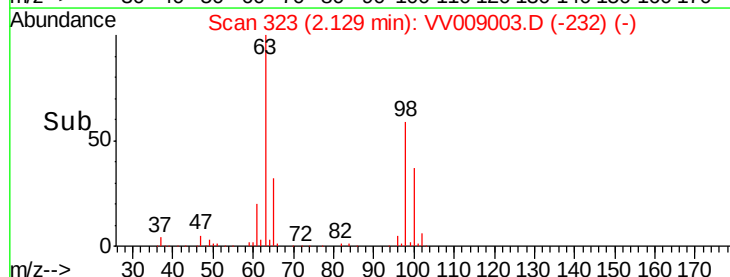
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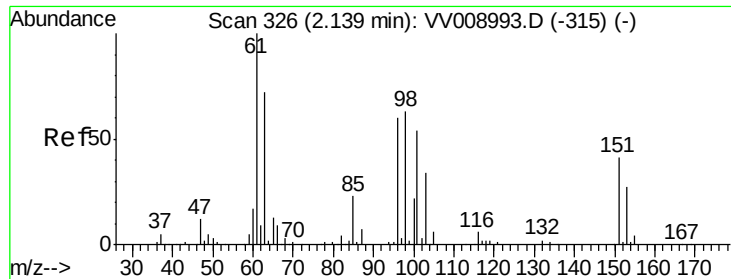
200

0

2.10 2.12 2.14 2.16

Time-->

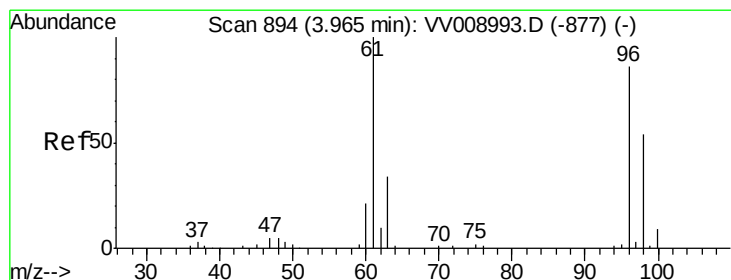
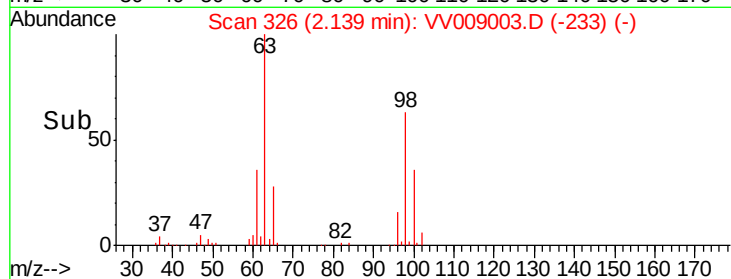
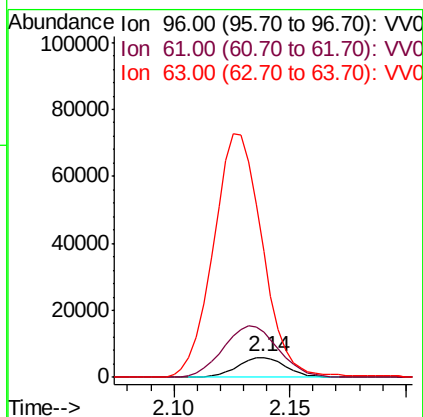
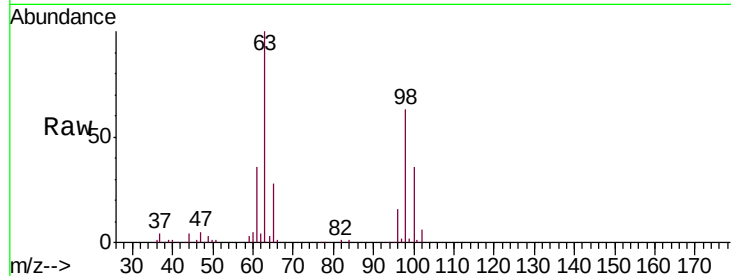




#12
 1,1-Dichloroethene
 Concen: 7.146 ug/L
 RT: 2.14 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VV009003.D
 Acq: 18 Dec 2018 00:53

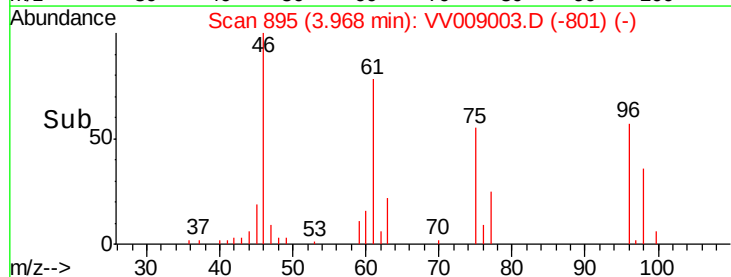
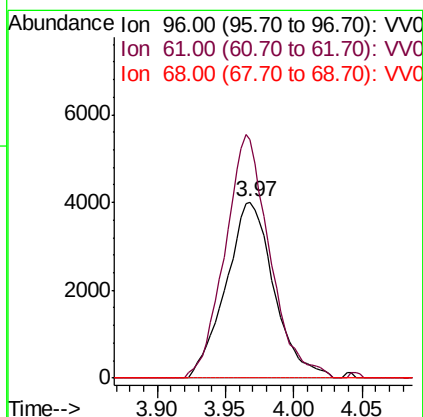
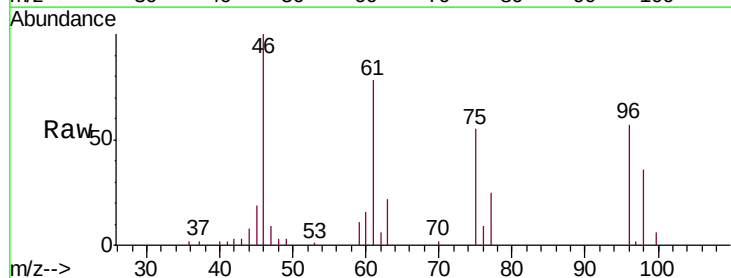
Instrument :
 MSVOA_V
 ClientSampleId :
 COLD0

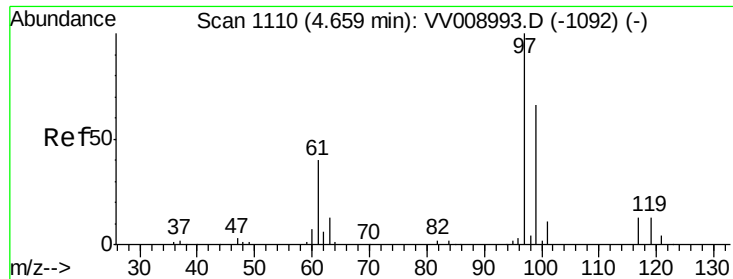
Tgt Ion: 96 Resp: 8542
 Ion Ratio Lower Upper
 96 100
 61 224.6 119.1 221.3#
 63 620.3 96.0 178.2#



#20
 cis-1,2-Dichloroethene
 Concen: 7.078 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: VV009003.D
 Acq: 18 Dec 2018 00:53

Tgt Ion: 96 Resp: 9822
 Ion Ratio Lower Upper
 96 100
 61 135.3 81.9 152.1
 68 0.0 0.0 0.0

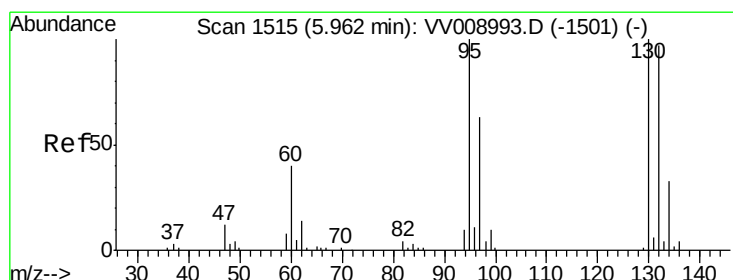
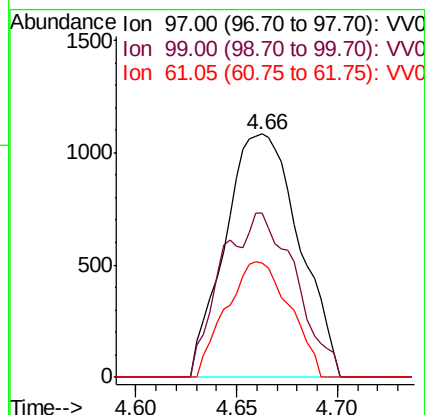
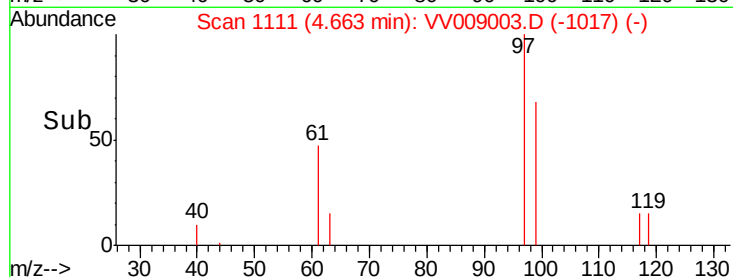
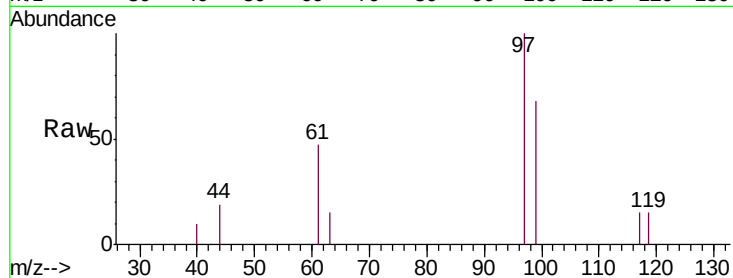




#30
 1,1,1-Trichloroethane
 Concen: 1.261 ug/L
 RT: 4.66 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: VV009003.D
 Acq: 18 Dec 2018 00:53

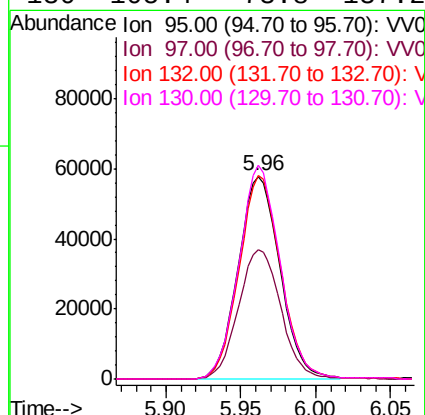
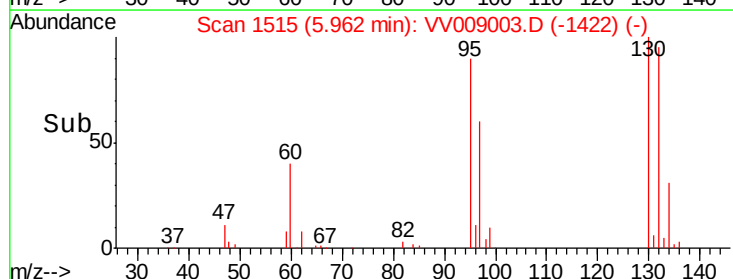
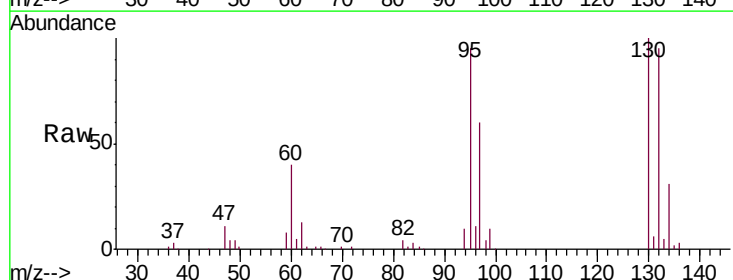
Instrument :
 MSVOA_V
 ClientSampleId :
 COLD0

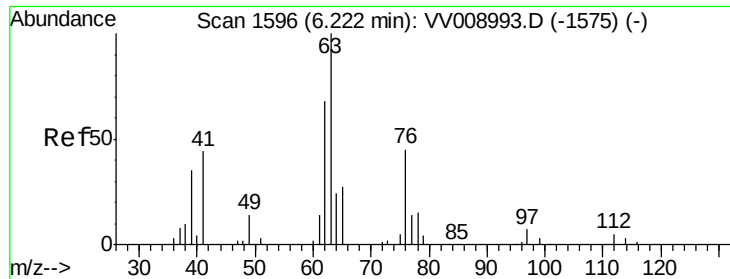
Tgt Ion: 97 Resp: 2770
 Ion Ratio Lower Upper
 97 100
 99 43.4 51.7 77.5#
 61 40.8 32.5 48.7



#34
 Trichloroethene
 Concen: 79.060 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: VV009003.D
 Acq: 18 Dec 2018 00:53

Tgt Ion: 95 Resp: 112799
 Ion Ratio Lower Upper
 95 100
 97 63.6 45.7 84.9
 132 100.2 72.2 134.2
 130 105.4 73.8 137.2

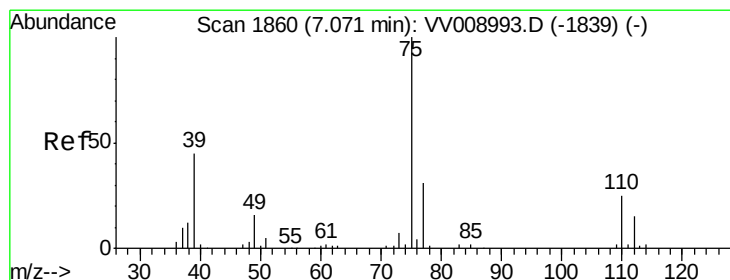
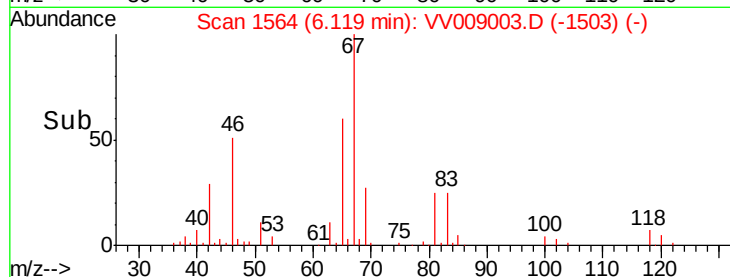
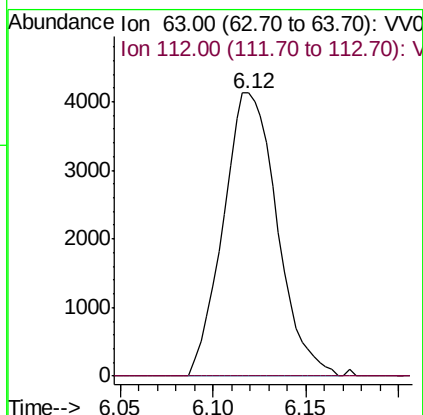
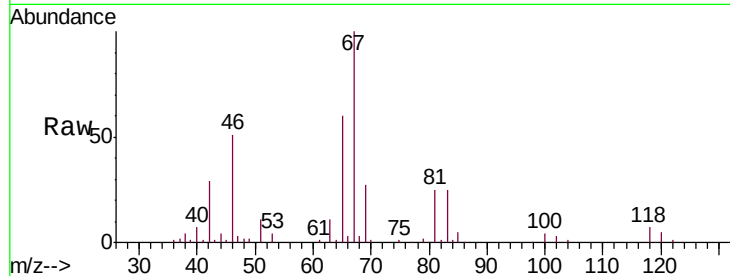




#37
 1,2-Dichloropropane
 Concen: 6.518 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV009003.D
 Acq: 18 Dec 2018 00:53

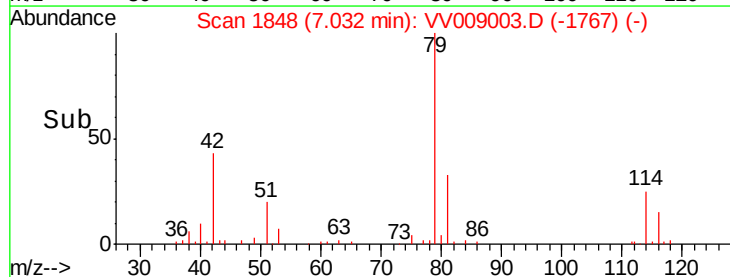
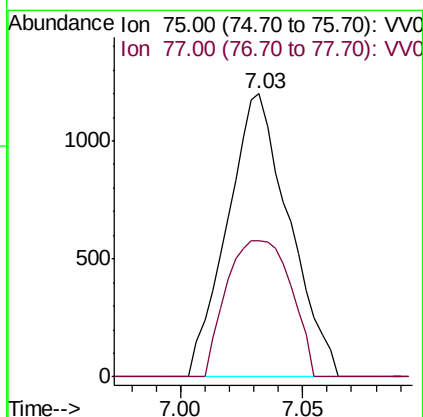
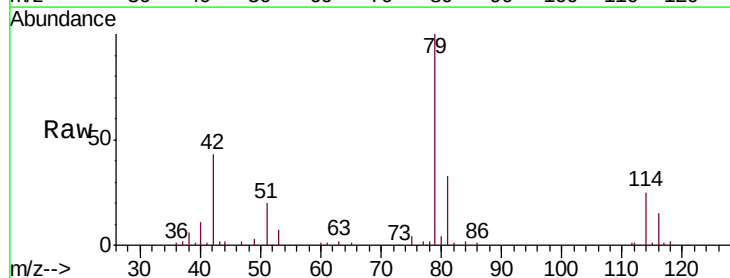
Instrument :
 MSVOA_V
 ClientSampleId :
 COLD0

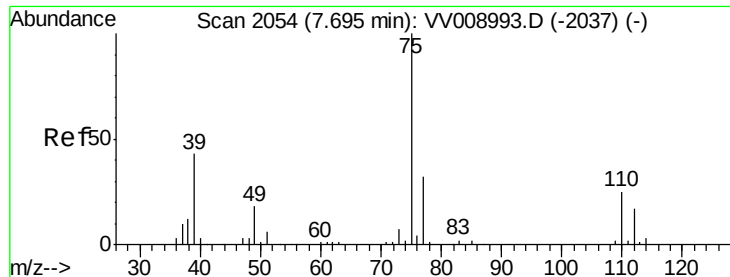
Tgt Ion: 63 Resp: 8329
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.034 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV009003.D
 Acq: 18 Dec 2018 00:53

Tgt Ion: 75 Resp: 2106
 Ion Ratio Lower Upper
 75 100
 77 48.0 21.8 40.4#





#44

trans-1,3-Dichloropropene

Concen: 0.800 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV009003.D

Acq: 18 Dec 2018 00:53

Instrument :

MSVOA_V

ClientSampleId :

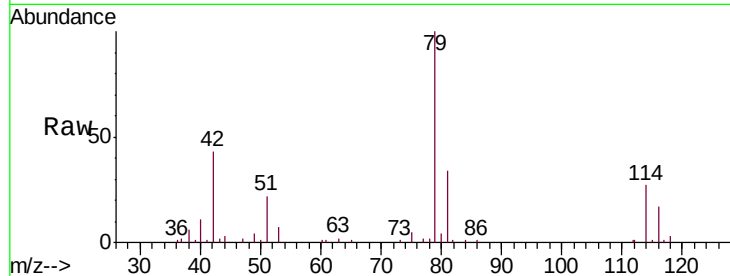
COLD0

Tgt Ion: 75 Resp: 1519

Ion Ratio Lower Upper

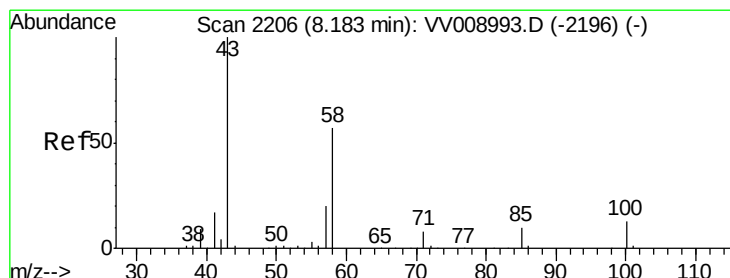
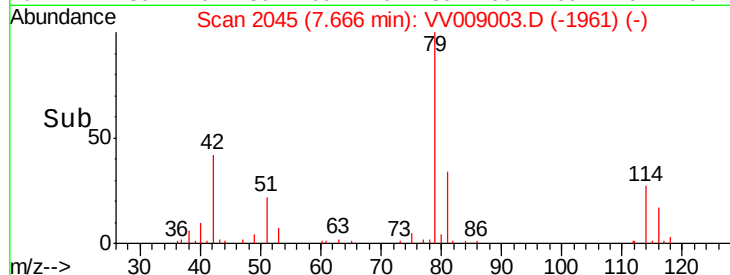
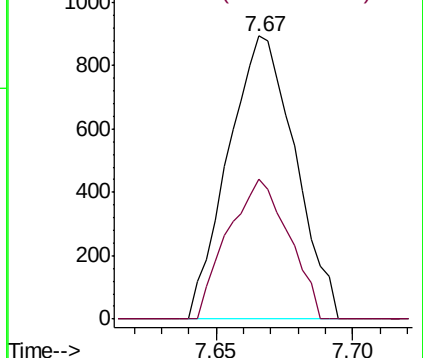
75 100

77 49.5 21.6 40.2#



Abundance Ion 75.00 (74.70 to 75.70): VV008993.D (-2037) (-)

Ion 77.00 (76.70 to 77.70): VV008993.D (-2037) (-)



#48

2-Hexanone

Concen: 2.880 ug/L

RT: 8.18 min Scan# 2204

Delta R.T. -0.01 min

Lab File: VV009003.D

Acq: 18 Dec 2018 00:53

Tgt Ion: 43 Resp: 3541

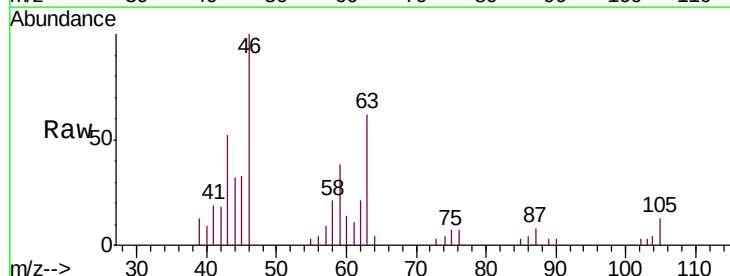
Ion Ratio Lower Upper

43 100

58 2.7 42.7 64.1#

57 0.0 15.7 23.5#

100 3.9 11.3 16.9#

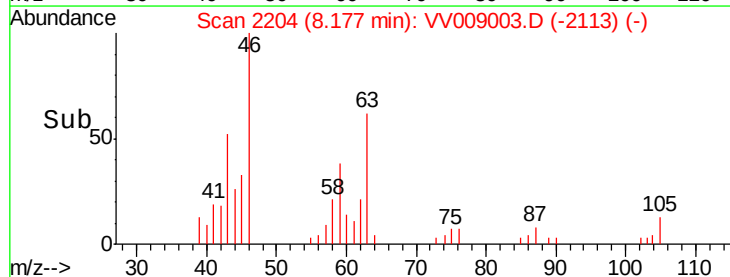
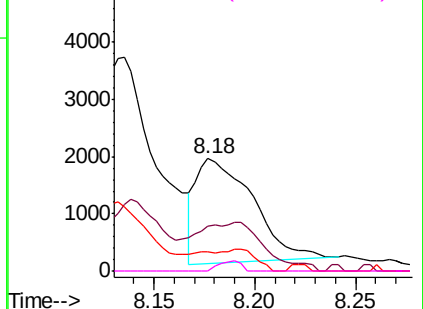


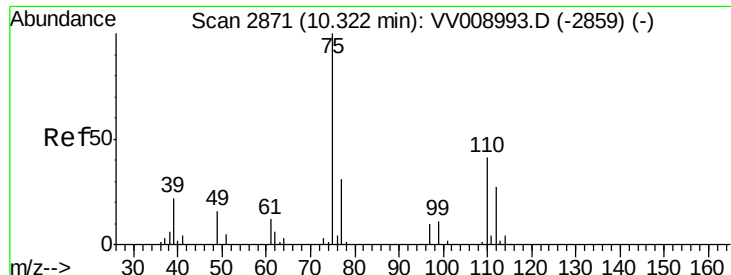
Abundance Ion 43.00 (42.70 to 43.70): VV008993.D (-2196) (-)

Ion 58.00 (57.70 to 58.70): VV008993.D (-2196) (-)

Ion 57.00 (56.70 to 57.70): VV008993.D (-2196) (-)

Ion 100.00 (99.70 to 100.70): VV008993.D (-2196) (-)





#59
 1,2,3-Trichloropropane
 Concen: 4.947 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.98 min
 Lab File: VV009003.D
 Acq: 18 Dec 2018 00:53

Instrument :
 MSVOA_V
 ClientSampleId :
 COLD0

Tgt Ion: 75 Resp: 7961
 Ion Ratio Lower Upper
 75 100
 77 38.9 25.8 38.8#

