

Data File : VV009005.D
Acq On : 18 Dec 2018 01:41
Operator : SY/MD
Sample : J6422-08
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COLD2

Quant Time: Dec 18 03:43:30 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	191095	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	176357	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74758	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52051	46.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.28%
7) Chloroethane-d5	1.56	69	39022	55.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.12%
11) 1,1-Dichloroethene-d2	2.13	63	106476	40.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.80%
21) 2-Butanone-d5	3.93	46	87170	116.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.99%
24) Chloroform-d	4.41	84	116876	49.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.16%
26) 1,2-Dichloroethane-d4	5.08	65	80017	52.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.52%
32) Benzene-d6	5.10	84	240470	50.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.12	67	75436	52.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.64%
41) Toluene-d8	7.36	98	221233	49.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.18%
43) trans-1,3-Dichloropropene-	7.67	79	33965	46.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.78%
47) 2-Hexanone-d5	8.13	63	56656	107.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.19%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	89071	48.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.62%
64) 1,2-Dichlorobenzene-d4	11.68	152	78068	50.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.26%

Target Compounds

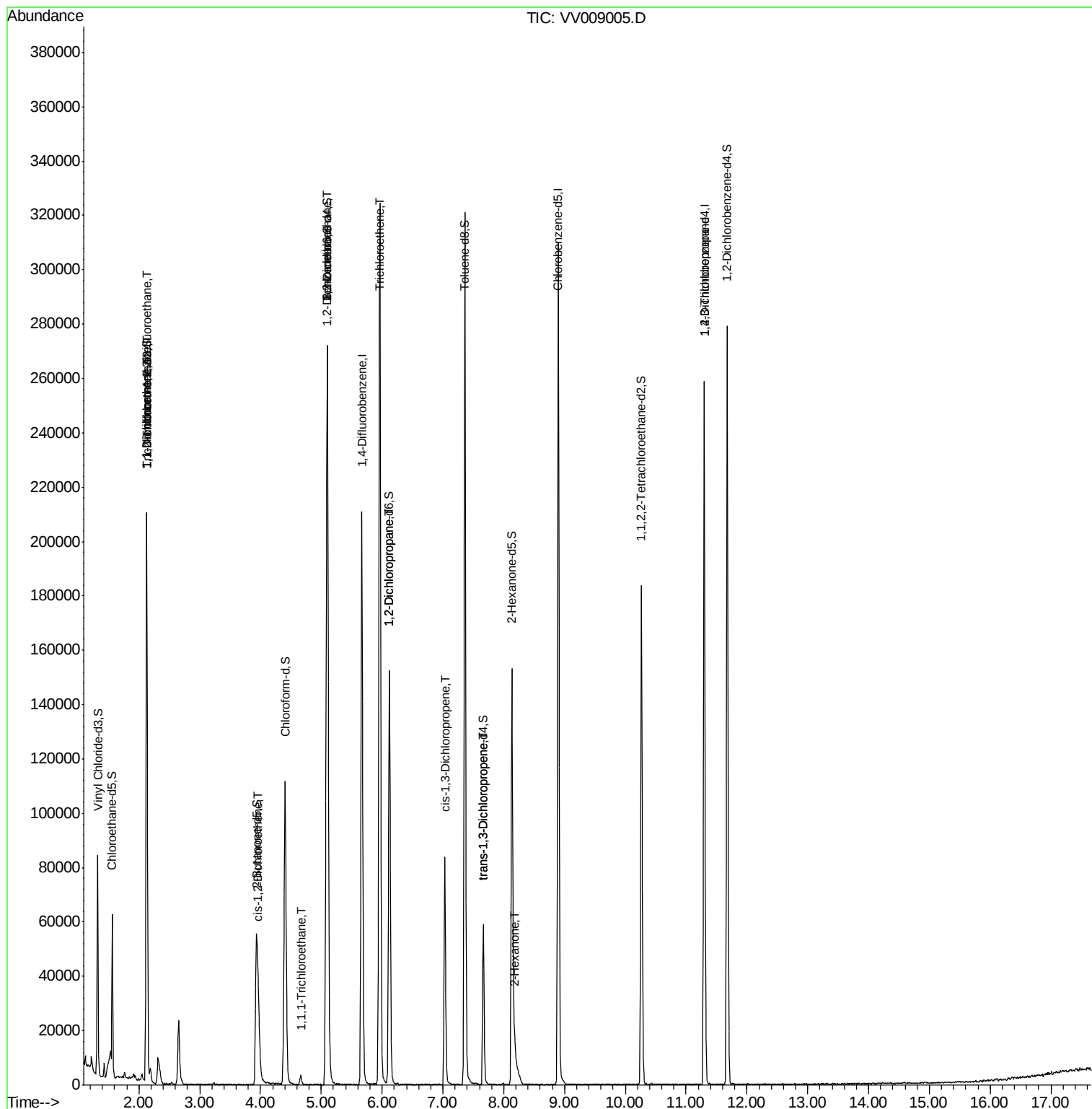
					Qvalue	
9) Trichlorofluoromethane	2.13	101	818	0.384	ug/L #	34
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	818	0.627	ug/L #	18
12) 1,1-Dichloroethene	2.14	96	8212	6.921	ug/L #	1
20) cis-1,2-Dichloroethene	3.96	96	9986	7.249	ug/L	92
27) 1,2-Dichloroethane	5.10	62	1202	0.655	ug/L #	74
30) 1,1,1-Trichloroethane	4.66	97	2769	1.281	ug/L #	71
34) Trichloroethene	5.96	95	111902	79.739	ug/L	99
37) 1,2-Dichloropropane	6.12	63	8377	6.665	ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	2156	1.076	ug/L #	73
44) trans-1,3-Dichloropropene	7.67	75	1511	0.809	ug/L	94
48) 2-Hexanone	8.19	43	3933	3.253	ug/L #	67
59) 1,2,3-Trichloropropane	11.30	75	7565	4.780	ug/L #	88

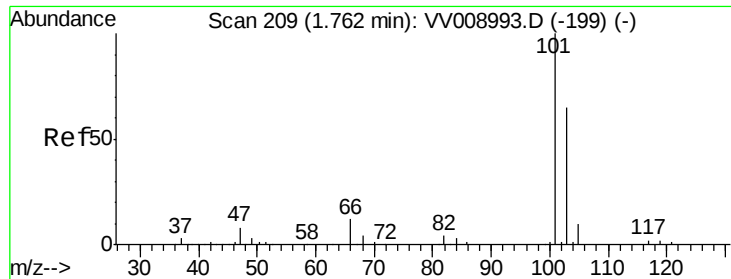
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.384 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.37 min

Lab File: VV009005.D

Acq: 18 Dec 2018 01:41

Instrument :

MSVOA_V

ClientSampleId :

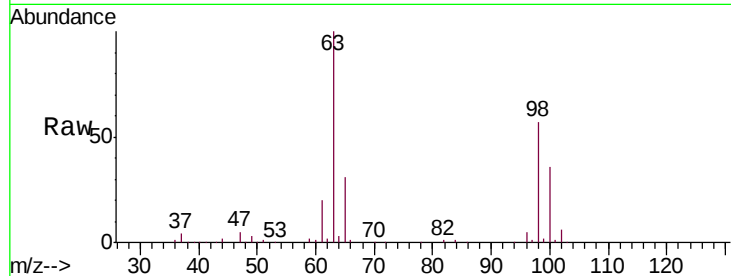
COLD2

Tgt Ion:101 Resp: 818

Ion Ratio Lower Upper

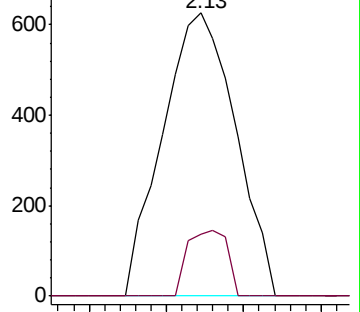
101 100

103 12.6 51.5 77.3#

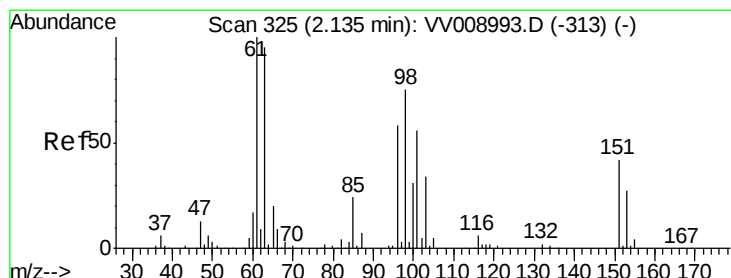
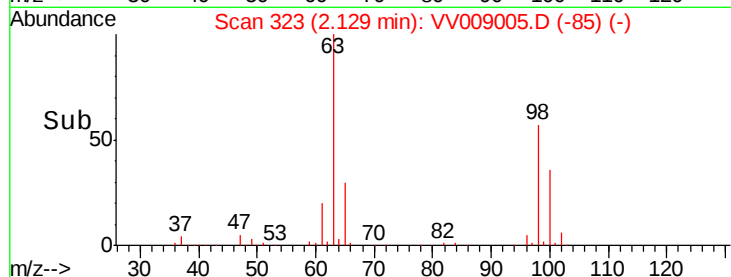


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



Time-->



#10

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

Concen: 0.627 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV009005.D

Acq: 18 Dec 2018 01:41

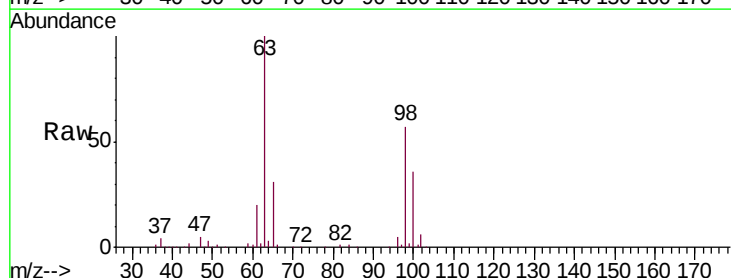
Tgt Ion:101 Resp: 818

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

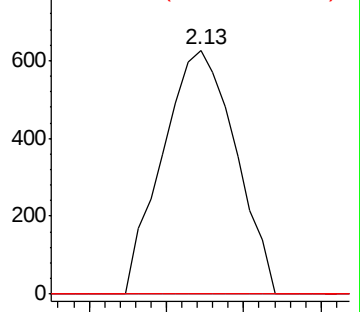
151 0.0 63.8 95.8#



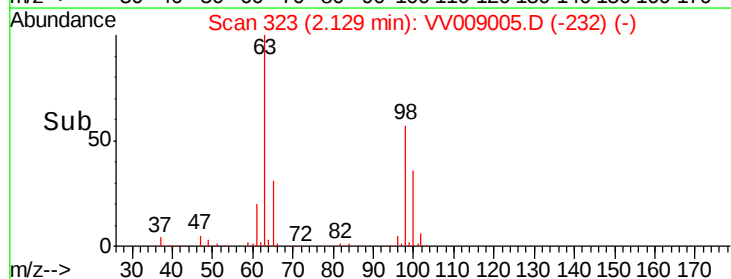
Abundance Ion 101.00 (100.70 to 101.70): V

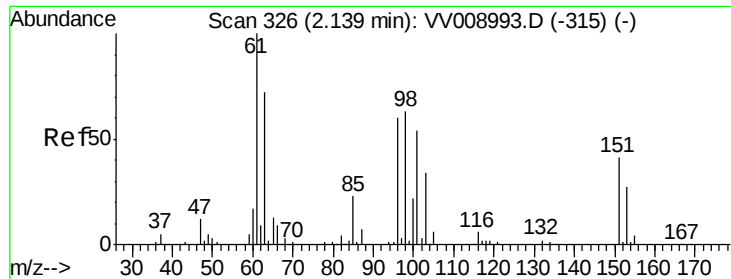
Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



Time-->





#12

1,1-Dichloroethene

Concen: 6.921 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV009005.D

Acq: 18 Dec 2018 01:41

Instrument :

MSVOA_V

ClientSampleId :

COLD2

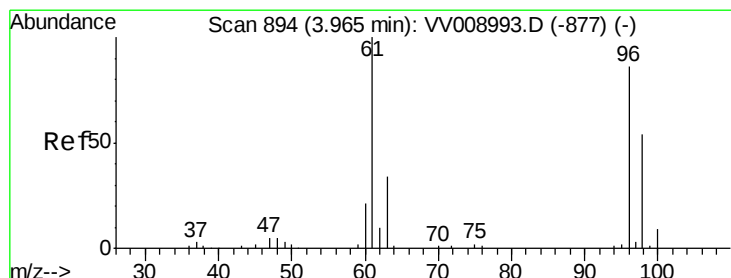
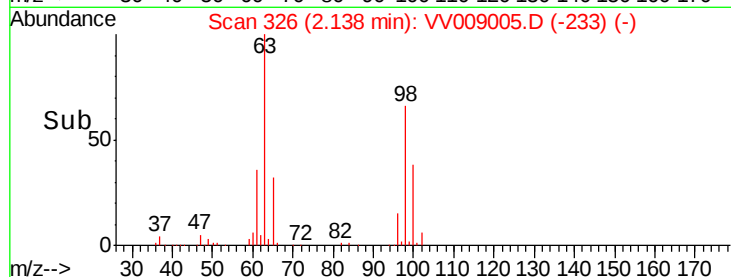
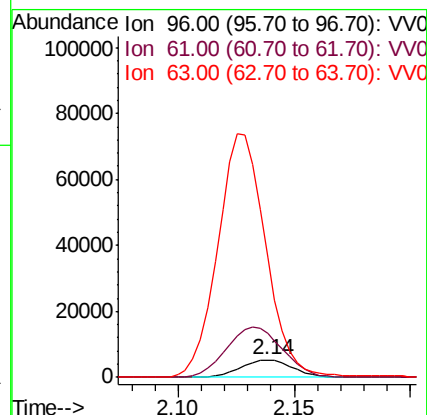
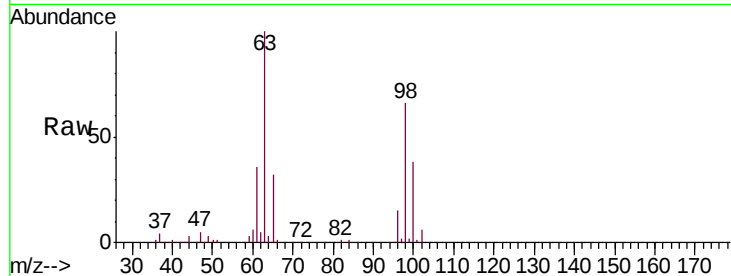
Tgt Ion: 96 Resp: 8212

Ion Ratio Lower Upper

96 100

61 245.4 119.1 221.3#

63 676.5 96.0 178.2#



#20

cis-1,2-Dichloroethene

Concen: 7.249 ug/L

RT: 3.96 min Scan# 894

Delta R.T. -0.00 min

Lab File: VV009005.D

Acq: 18 Dec 2018 01:41

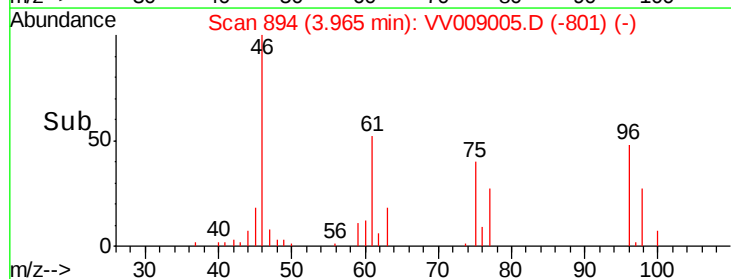
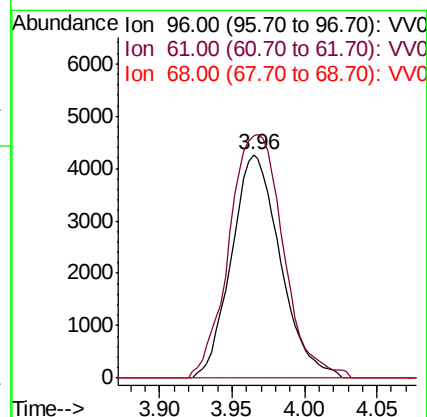
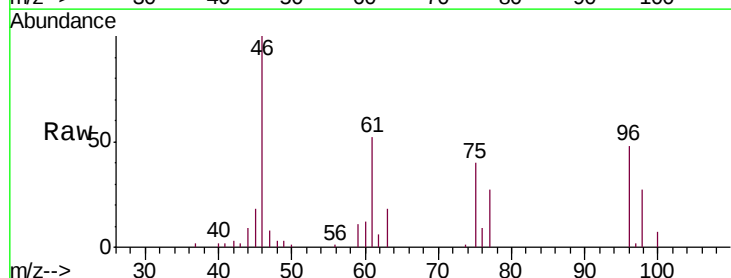
Tgt Ion: 96 Resp: 9986

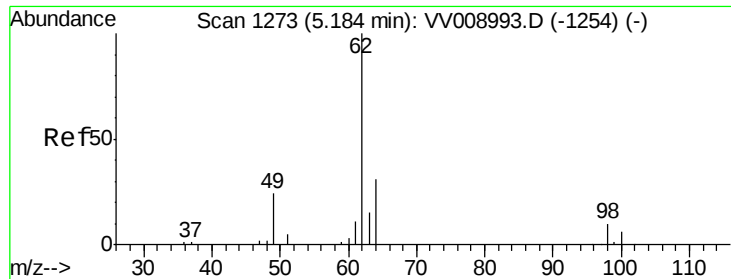
Ion Ratio Lower Upper

96 100

61 108.6 81.9 152.1

68 0.0 0.0 0.0

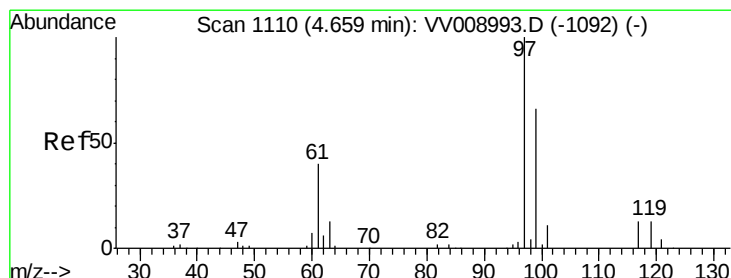
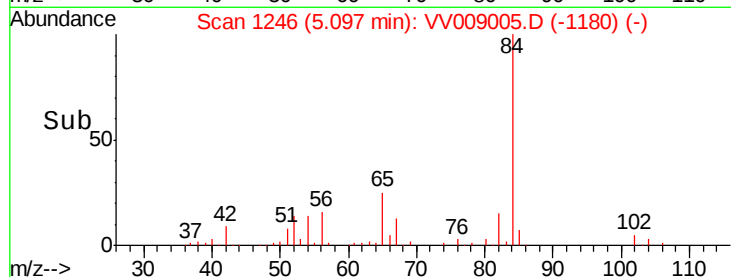
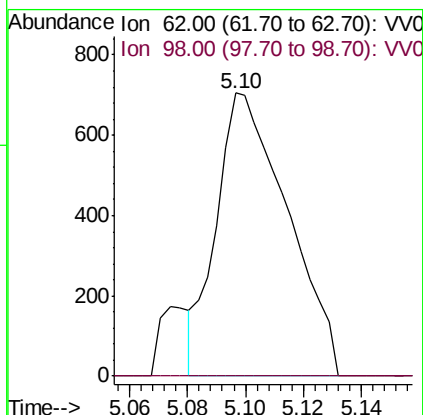
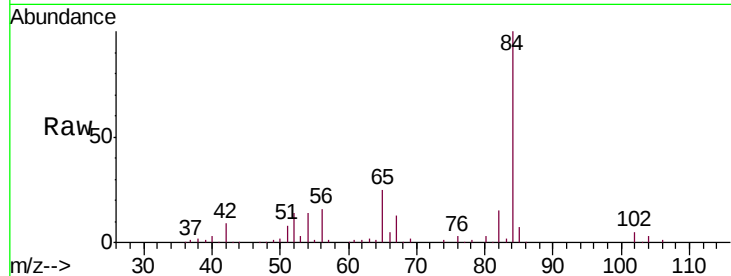




#27
 1,2-Dichloroethane
 Concen: 0.655 ug/L
 RT: 5.10 min Scan# 1246
 Delta R.T. -0.09 min
 Lab File: VV009005.D
 Acq: 18 Dec 2018 01:41

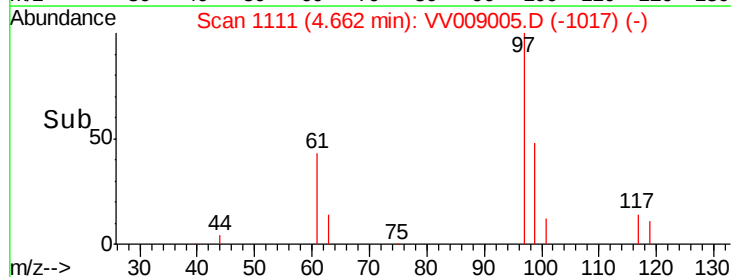
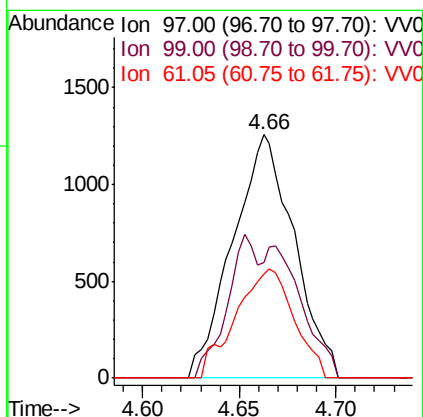
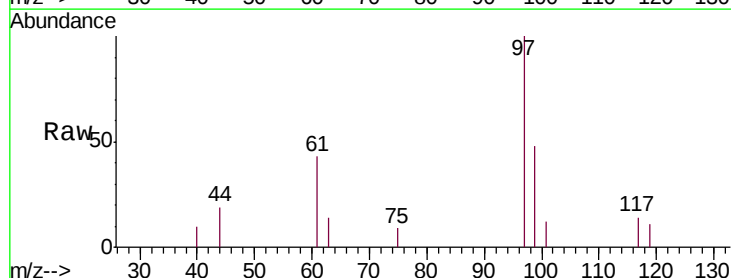
Instrument :
 MSVOA_V
 ClientSampleId :
 COLD2

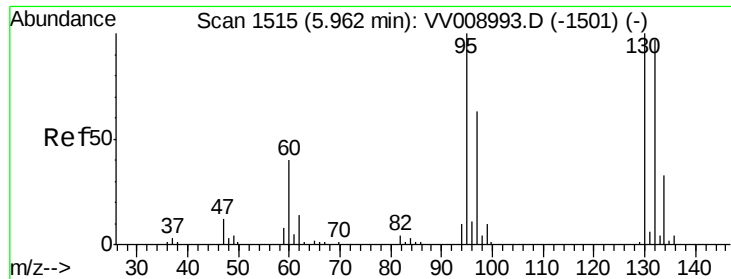
Tgt Ion: 62 Resp: 1202
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.5 11.3#



#30
 1,1,1-Trichloroethane
 Concen: 1.281 ug/L
 RT: 4.66 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: VV009005.D
 Acq: 18 Dec 2018 01:41

Tgt Ion: 97 Resp: 2769
 Ion Ratio Lower Upper
 97 100
 99 28.7 51.7 77.5#
 61 39.2 32.5 48.7





#34

Trichloroethene

Concen: 79.739 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VV009005.D

Acq: 18 Dec 2018 01:41

Instrument :

MSVOA_V

ClientSampleId :

COLD2

Tgt Ion: 95 Resp: 111902

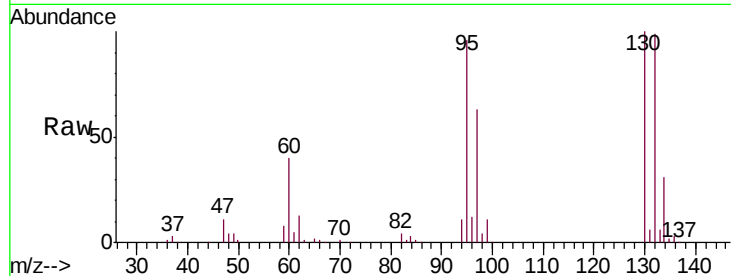
Ion Ratio Lower Upper

95 100

97 65.4 45.7 84.9

132 102.9 72.2 134.2

130 103.9 73.8 137.2

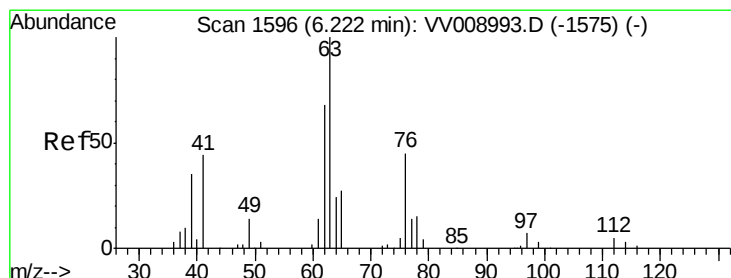
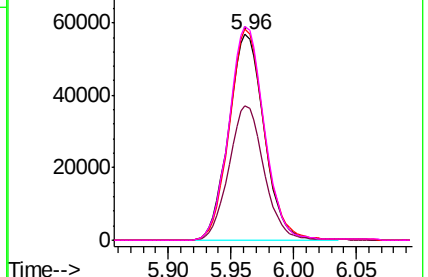
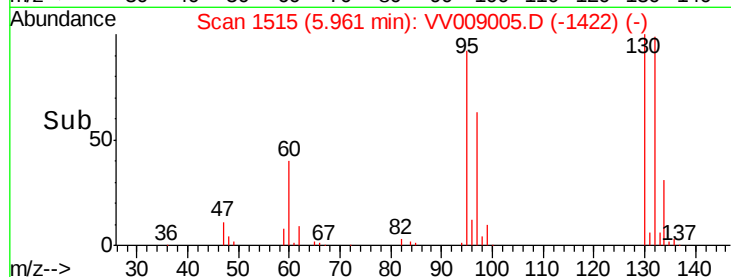


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 6.665 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV009005.D

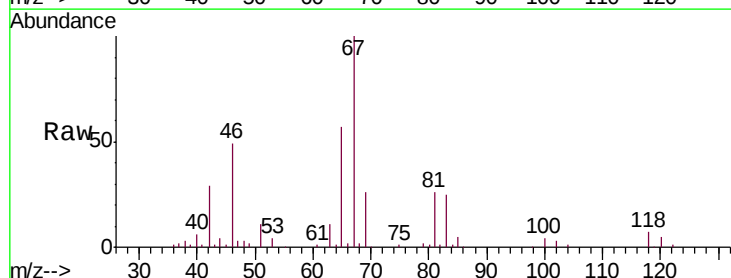
Acq: 18 Dec 2018 01:41

Tgt Ion: 63 Resp: 8377

Ion Ratio Lower Upper

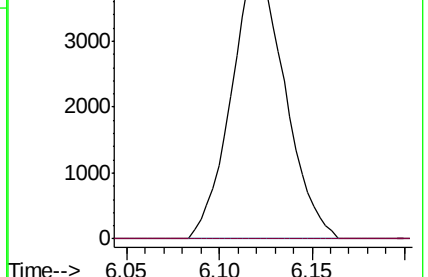
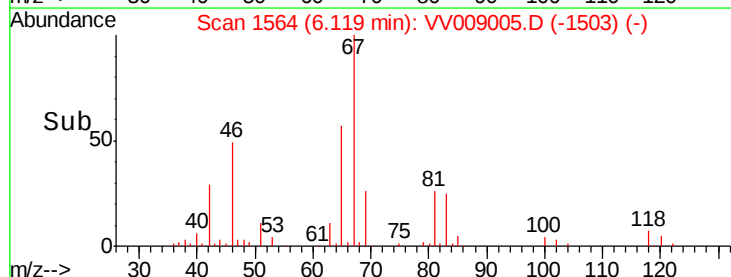
63 100

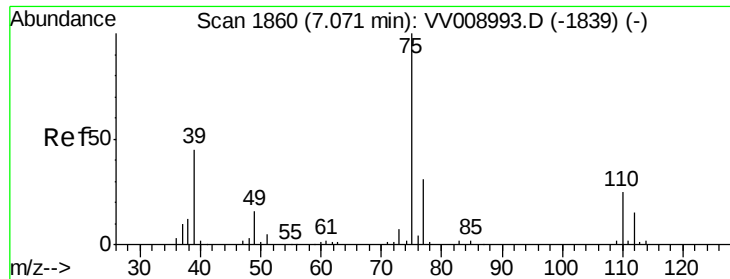
112 0.0 3.8 5.6#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

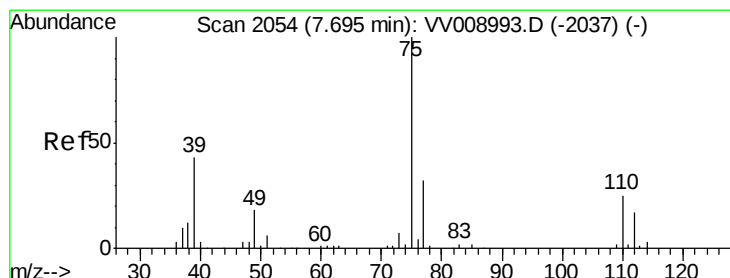
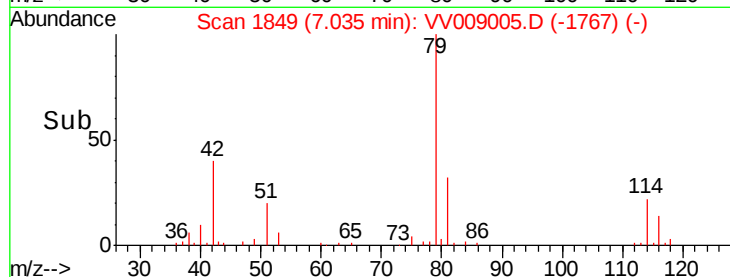
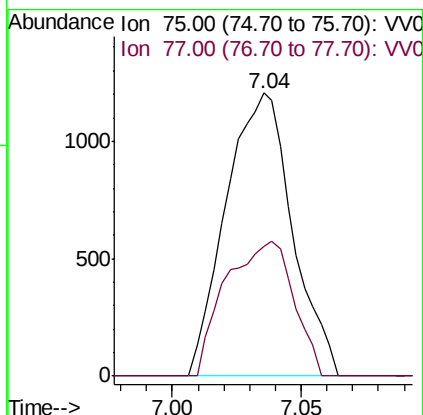
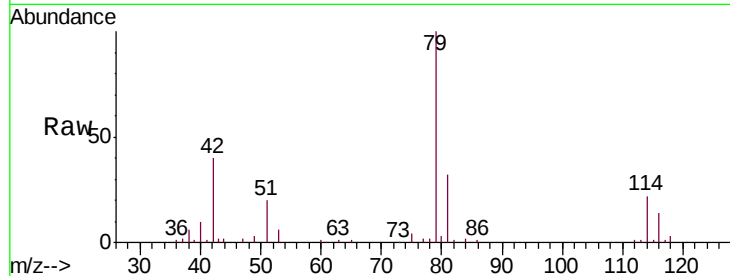




#39
 cis-1,3-Dichloropropene
 Concen: 1.076 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV009005.D
 Acq: 18 Dec 2018 01:41

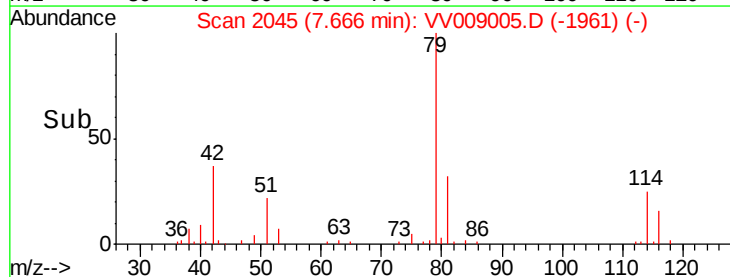
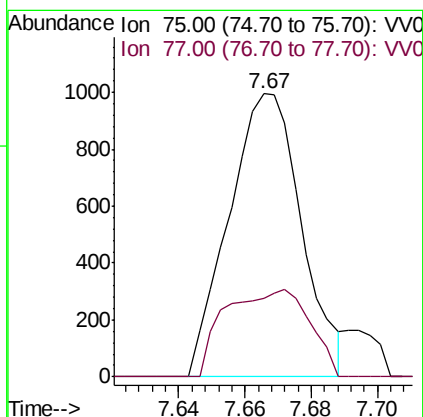
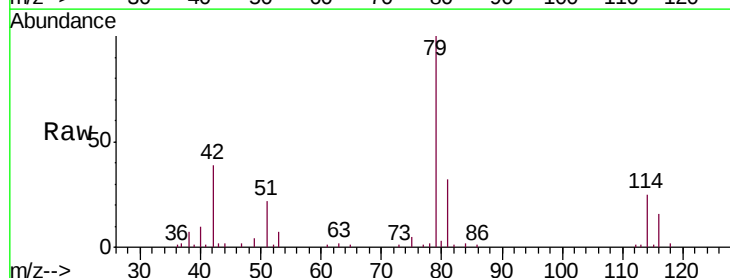
Instrument :
 MSVOA_V
 ClientSampleId :
 COLD2

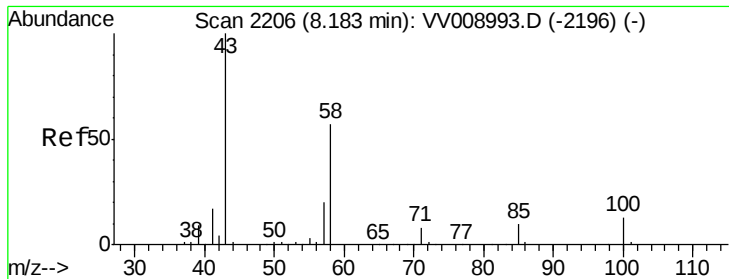
Tgt Ion: 75 Resp: 2156
 Ion Ratio Lower Upper
 75 100
 77 45.9 21.8 40.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.809 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV009005.D
 Acq: 18 Dec 2018 01:41

Tgt Ion: 75 Resp: 1511
 Ion Ratio Lower Upper
 75 100
 77 27.5 21.6 40.2

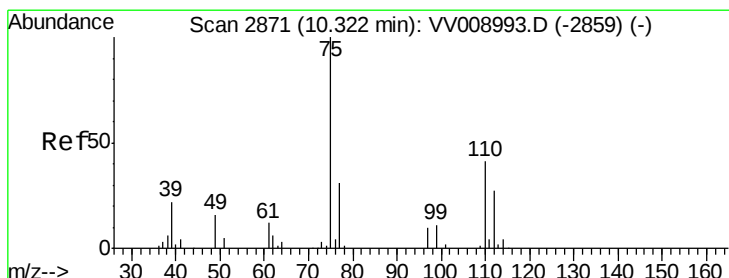
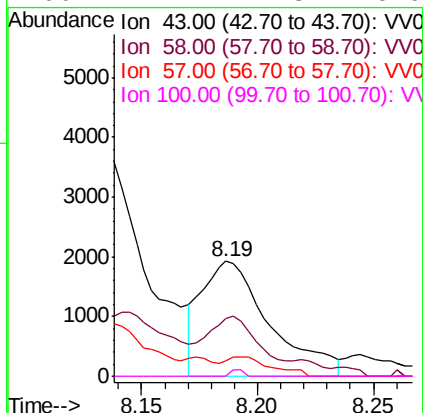
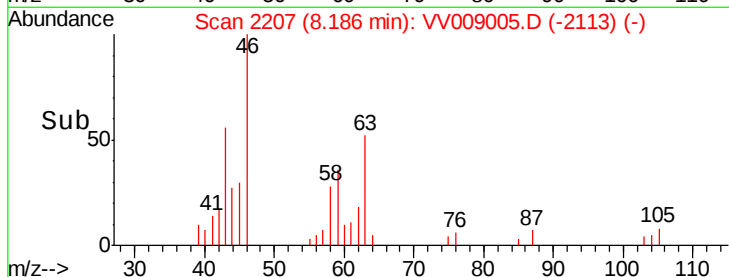
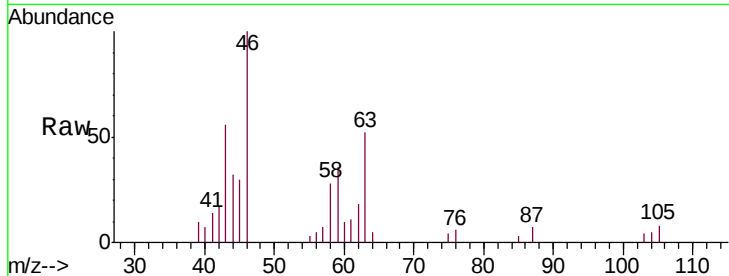




#48
2-Hexanone
Concen: 3.253 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV009005.D
Acq: 18 Dec 2018 01:41

Instrument :
MSVOA_V
ClientSampleId :
COLD2

Tgt Ion: 43 Resp: 3933
Ion Ratio Lower Upper
43 100
58 28.5 42.7 64.1#
57 5.8 15.7 23.5#
100 1.1 11.3 16.9#



#59
1,2,3-Trichloropropane
Concen: 4.780 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV009005.D
Acq: 18 Dec 2018 01:41

Tgt Ion: 75 Resp: 7565
Ion Ratio Lower Upper
75 100
77 38.9 25.8 38.8#

