

Data File : VV009004.D
Acq On : 18 Dec 2018 01:17
Operator : SY/MD
Sample : J6422-07
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COLD1

Quant Time: Dec 18 03:43:19 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	189057	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	177387	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	73721	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53477	48.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.88%
7) Chloroethane-d5	1.56	69	43748	62.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	125.92%
11) 1,1-Dichloroethene-d2	2.13	63	105260	40.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.74%
21) 2-Butanone-d5	3.93	46	86902	117.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.89%
24) Chloroform-d	4.41	84	119849	50.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.76%
26) 1,2-Dichloroethane-d4	5.08	65	79469	52.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.92%
32) Benzene-d6	5.10	84	246733	51.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.22%
36) 1,2-Dichloropropane-d6	6.12	67	75339	52.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.90%
41) Toluene-d8	7.36	98	229130	51.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.12%
43) trans-1,3-Dichloropropene-	7.67	79	34226	46.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.96%
47) 2-Hexanone-d5	8.13	63	56621	106.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	92707	49.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.98%
64) 1,2-Dichlorobenzene-d4	11.68	152	81213	53.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.82%

Target Compounds

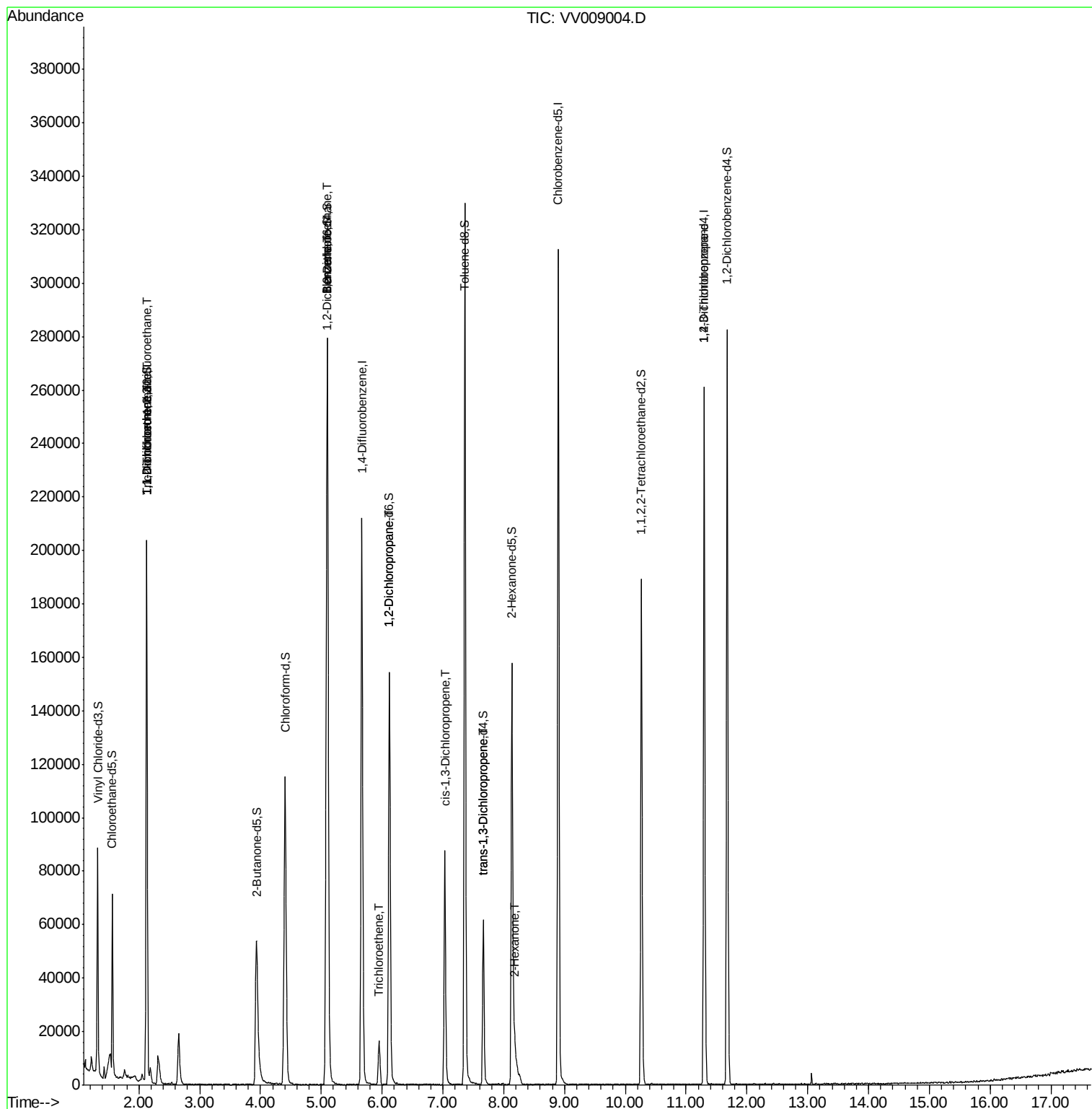
					Qvalue
9) Trichlorofluoromethane	2.13	101	863	0.409 ug/L #	28
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	863	0.669 ug/L #	18
12) 1,1-Dichloroethene	2.13	96	993	0.846 ug/L #	1
27) 1,2-Dichloroethane	5.11	62	1417	0.780 ug/L #	74
33) Benzene	5.11	78	2095	0.428 ug/L	100
34) Trichloroethene	5.96	95	796	0.564 ug/L	90
37) 1,2-Dichloropropane	6.12	63	8839	6.992 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2069	1.026 ug/L #	80
44) trans-1,3-Dichloropropene	7.67	75	1590	0.846 ug/L #	80
48) 2-Hexanone	8.18	43	2750	2.261 ug/L #	83
59) 1,2,3-Trichloropropane	11.30	75	7896	4.960 ug/L	93

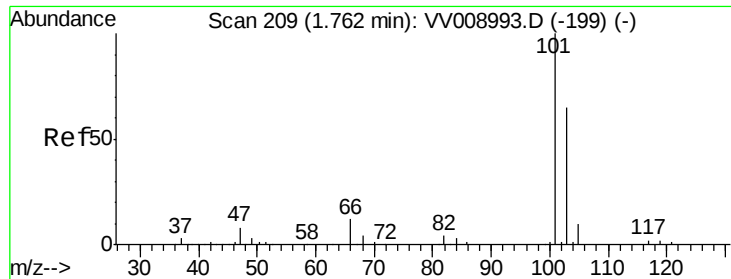
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV009004.D
Acq On : 18 Dec 2018 01:17
Operator : SY/MD
Sample : J6422-07
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COLD1

Quant Time: Dec 18 03:43:19 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



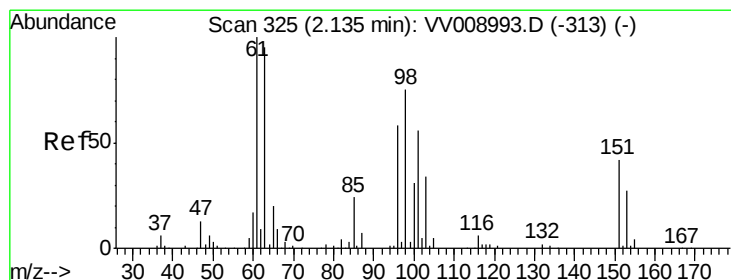
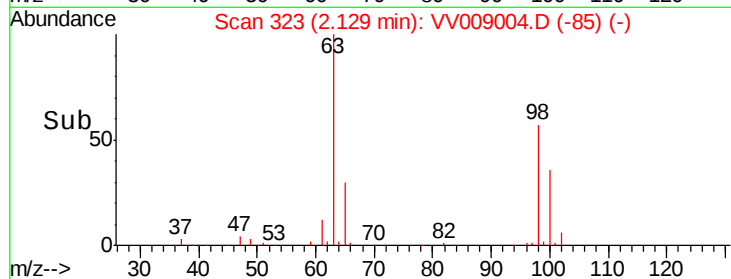
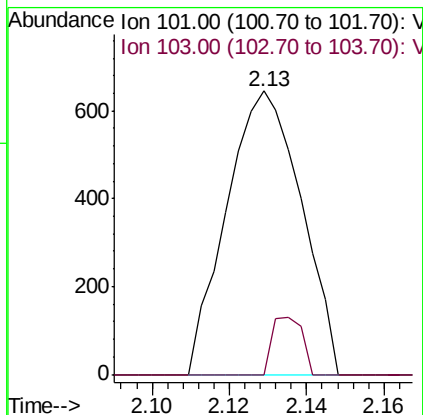
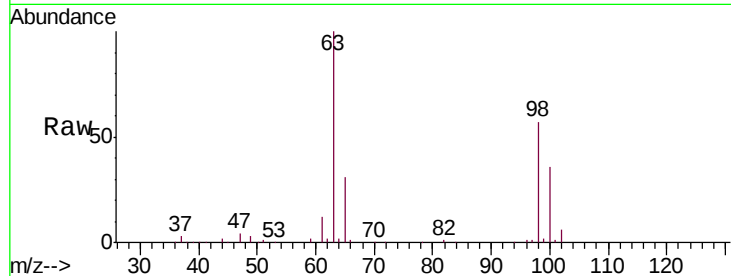


#9

Trichlorofluoromethane
 Concen: 0.409 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. 0.37 min
 Lab File: VV009004.D
 Acq: 18 Dec 2018 01:17

Instrument :
 MSVOA_V
 ClientSampleId :
 COLD1

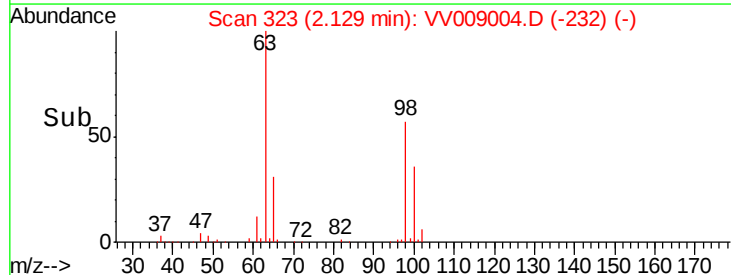
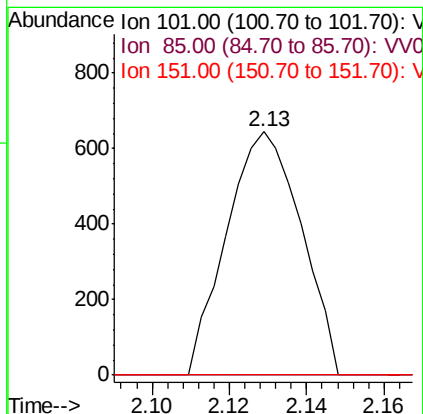
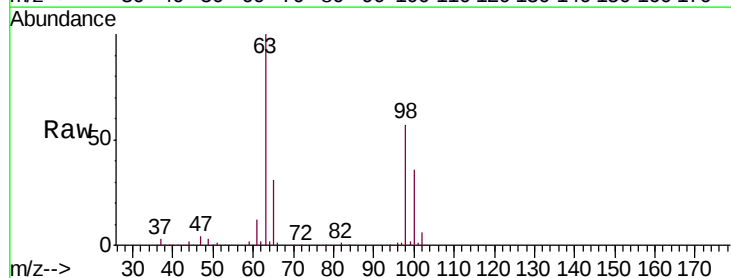
Tgt Ion:101 Resp: 863
 Ion Ratio Lower Upper
 101 100
 103 8.2 51.5 77.3#

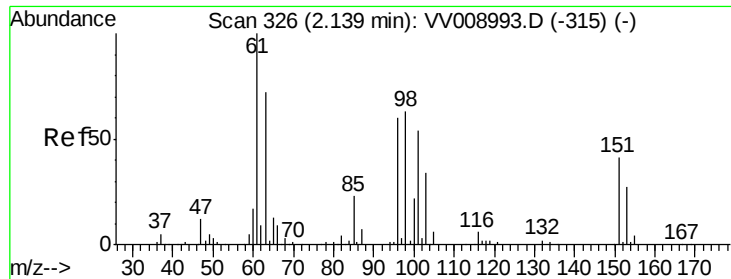


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.669 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV009004.D
 Acq: 18 Dec 2018 01:17

Tgt Ion:101 Resp: 863
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 0.0 63.8 95.8#





#12

1,1-Dichloroethene

Concen: 0.846 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV009004.D

Acq: 18 Dec 2018 01:17

Instrument :

MSVOA_V

ClientSampled :

COLD1

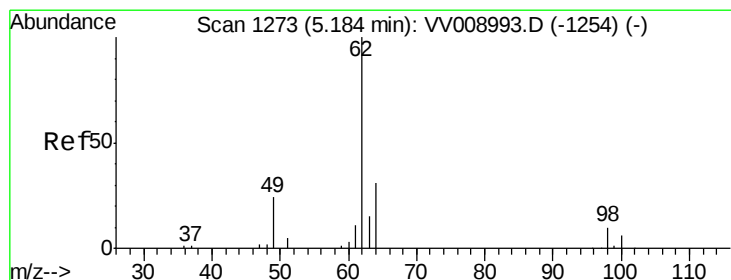
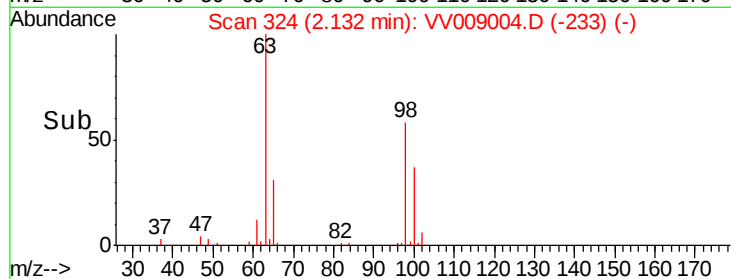
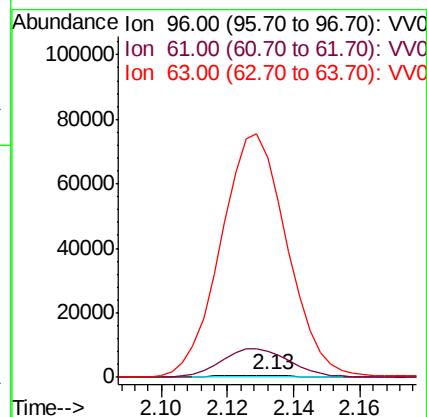
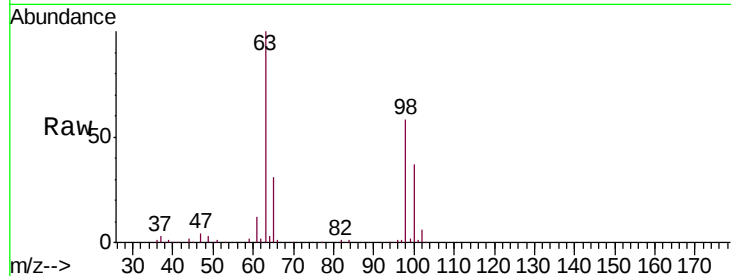
Tgt Ion: 96 Resp: 993

Ion Ratio Lower Upper

96 100

61 1152.3 119.1 221.3#

63 9490.7 96.0 178.2#



#27

1,2-Dichloroethane

Concen: 0.780 ug/L

RT: 5.11 min Scan# 1249

Delta R.T. -0.08 min

Lab File: VV009004.D

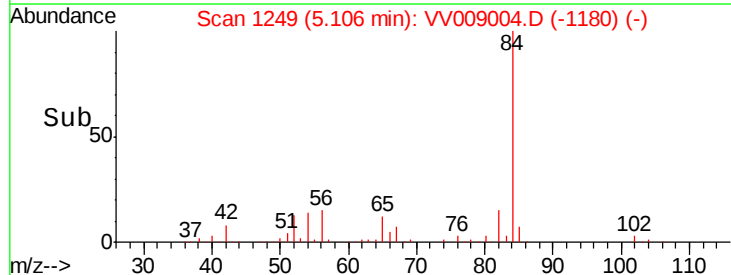
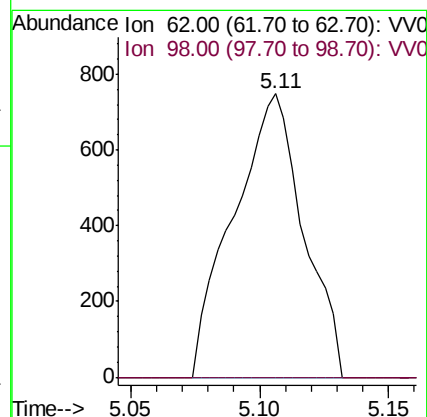
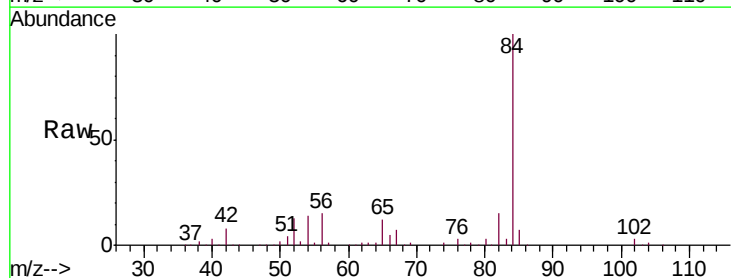
Acq: 18 Dec 2018 01:17

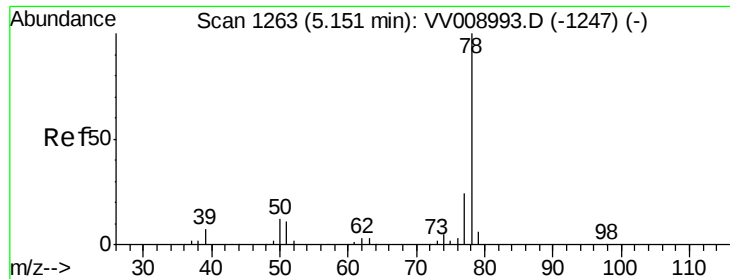
Tgt Ion: 62 Resp: 1417

Ion Ratio Lower Upper

62 100

98 0.0 7.5 11.3#





#33

Benzene

Concen: 0.428 ug/L

RT: 5.11 min Scan# 1249

Delta R.T. -0.05 min

Lab File: VV009004.D

Acq: 18 Dec 2018 01:17

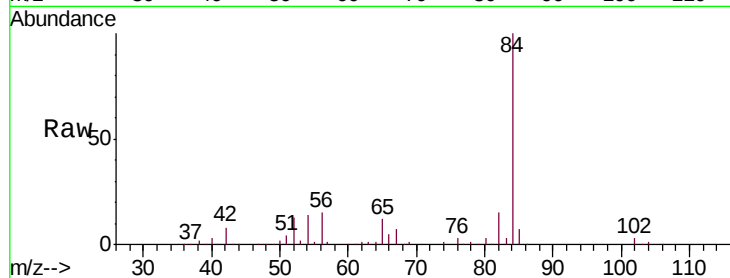
Instrument :

MSVOA_V

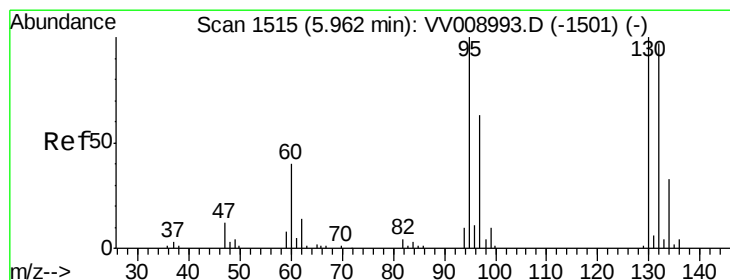
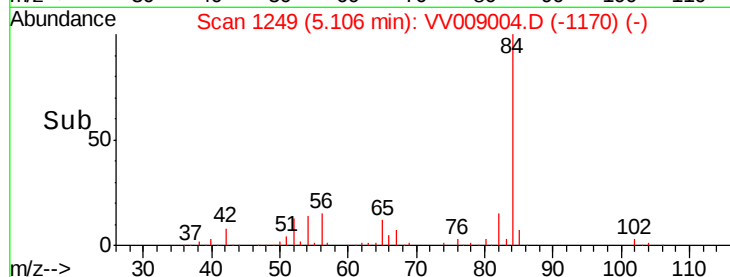
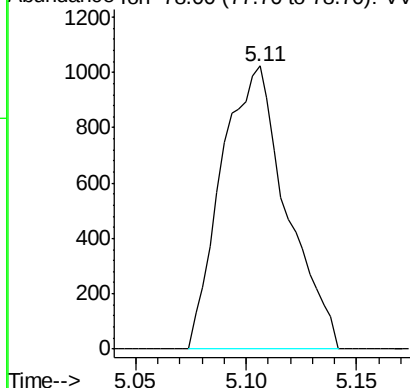
ClientSampled :

COLD1

Tgt Ion: 78 Resp: 2095



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 0.564 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VV009004.D

Acq: 18 Dec 2018 01:17

Tgt Ion: 95 Resp: 796

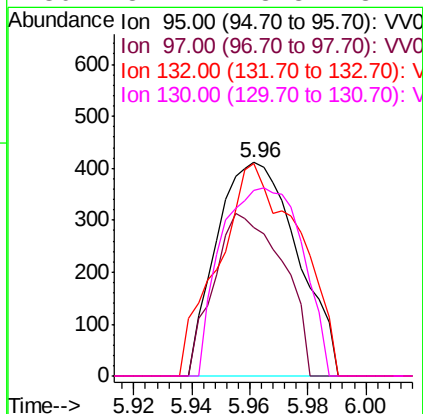
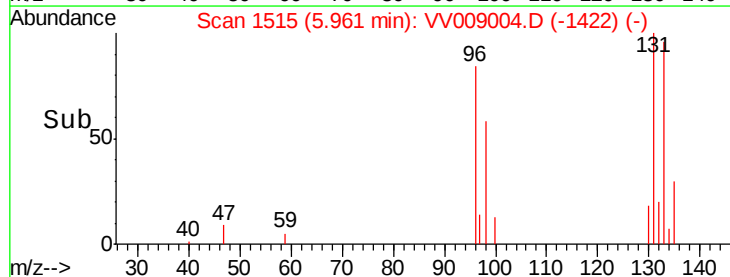
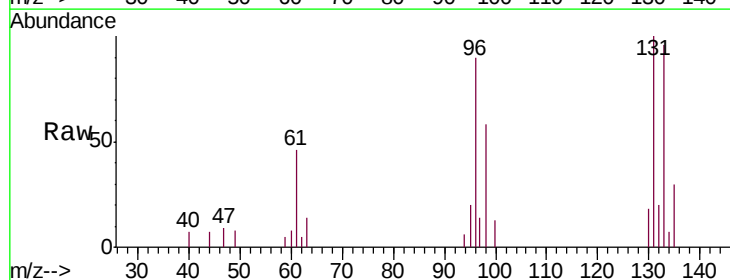
Ion	Ratio	Lower	Upper
95	100		
97	69.8	45.7	84.9
132	99.8	72.2	134.2
130	87.1	73.8	137.2

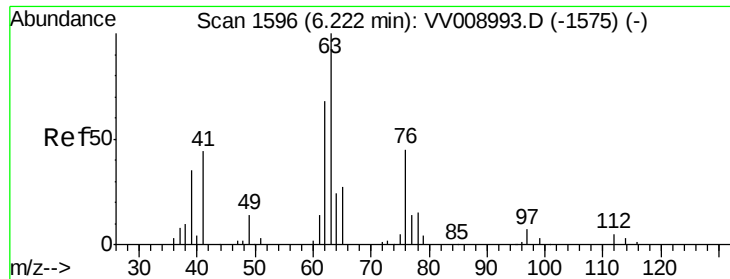
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0

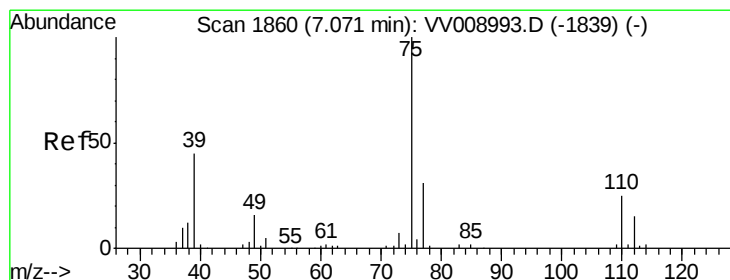
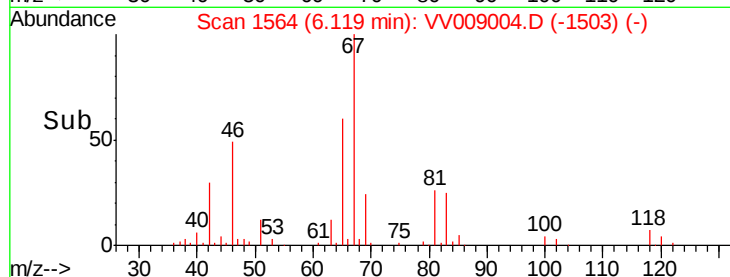
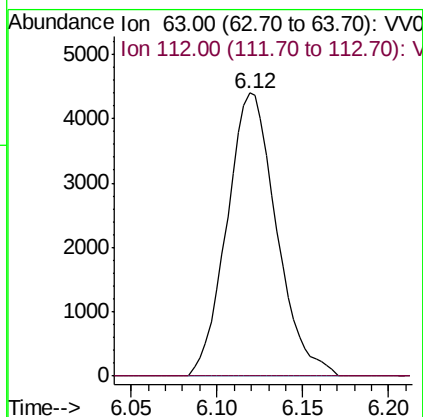
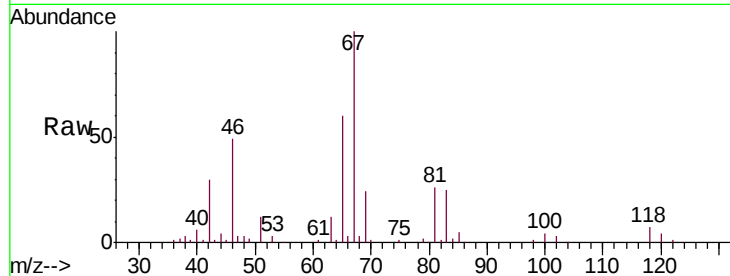




#37
 1,2-Dichloropropane
 Concen: 6.992 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV009004.D
 Acq: 18 Dec 2018 01:17

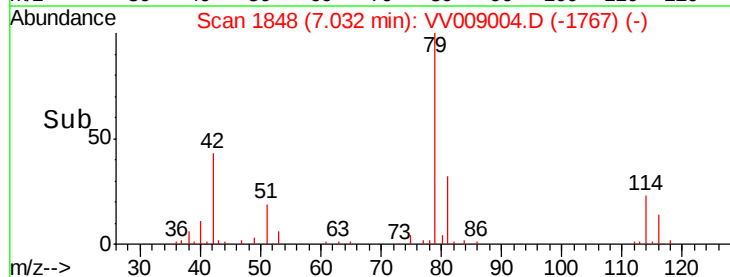
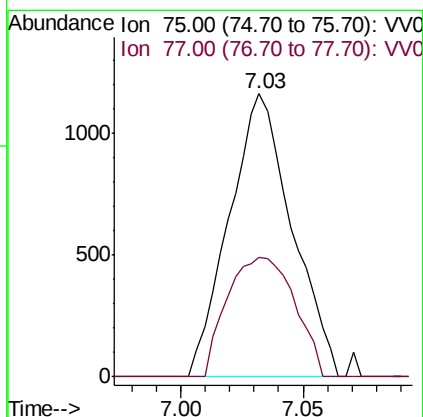
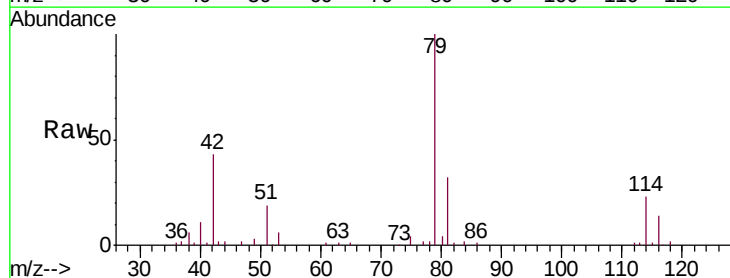
Instrument :
 MSVOA_V
 ClientSampleId :
 COLD1

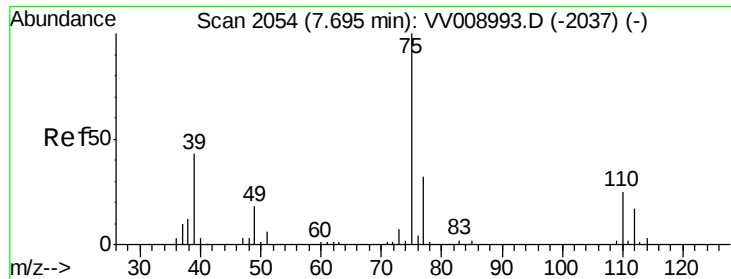
Tgt Ion: 63 Resp: 8839
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.026 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV009004.D
 Acq: 18 Dec 2018 01:17

Tgt Ion: 75 Resp: 2069
 Ion Ratio Lower Upper
 75 100
 77 42.0 21.8 40.4#

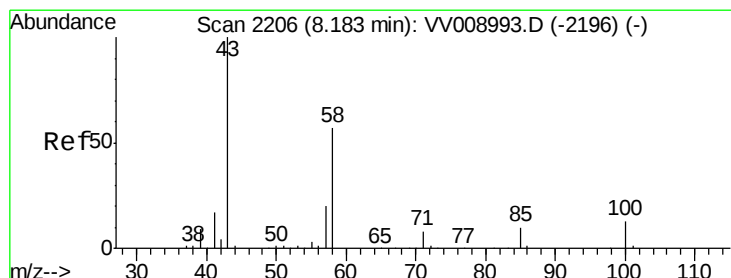
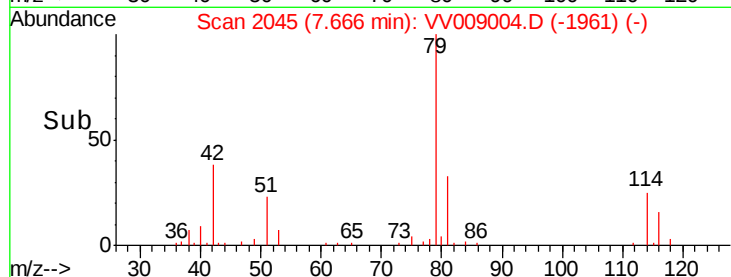
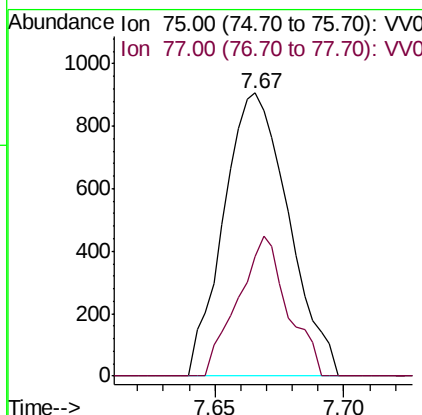
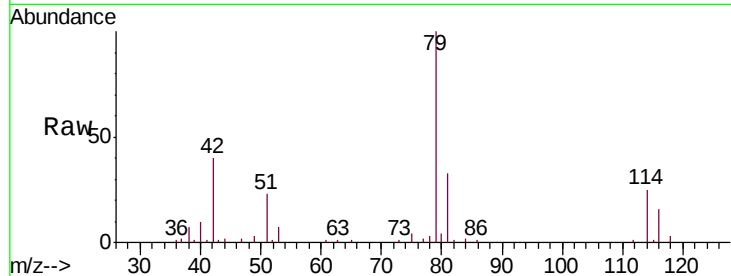




#44
trans-1,3-Dichloropropene
Concen: 0.846 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV009004.D
Acq: 18 Dec 2018 01:17

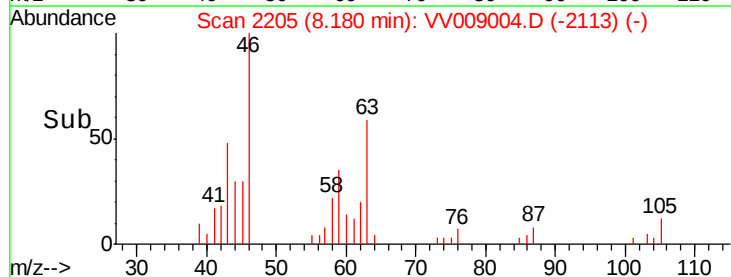
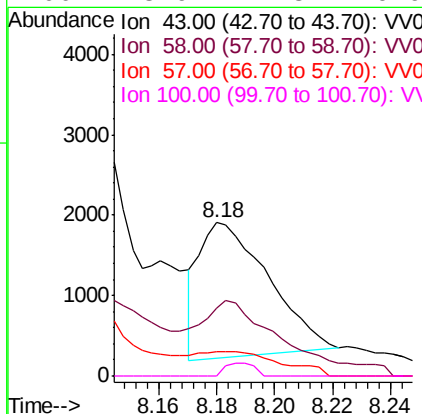
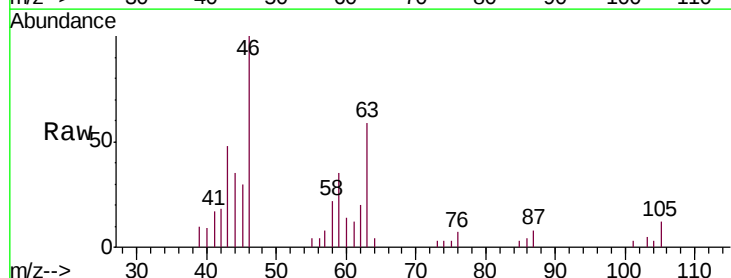
Instrument :
MSVOA_V
ClientSampled :
COLD1

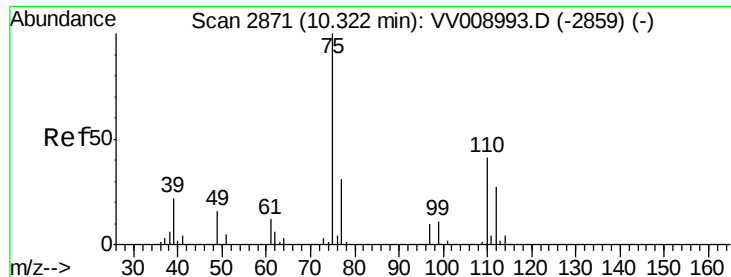
Tgt Ion: 75 Resp: 1590
Ion Ratio Lower Upper
75 100
77 42.1 21.6 40.2#



#48
2-Hexanone
Concen: 2.261 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VV009004.D
Acq: 18 Dec 2018 01:17

Tgt Ion: 43 Resp: 2750
Ion Ratio Lower Upper
43 100
58 49.7 42.7 64.1
57 0.0 15.7 23.5#
100 3.9 11.3 16.9#





#59

1,2,3-Trichloropropane

Concen: 4.960 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV009004.D

Acq: 18 Dec 2018 01:17

Instrument :

MSVOA_V

ClientSampleId :

COLD1

Tgt Ion: 75 Resp: 7896

Ion Ratio Lower Upper

75 100

77 36.3 25.8 38.8

