

Data File : VV008988.D
Acq On : 17 Dec 2018 18:53
Operator : SY/MD
Sample : J6387-17
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COLCO

Quant Time: Dec 18 01:52:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 18 01:46:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	200189	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	186559	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	79939	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56036	47.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.86%
7) Chloroethane-d5	1.56	69	41663	56.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.26%
11) 1,1-Dichloroethene-d2	2.13	63	107171	38.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.64%
21) 2-Butanone-d5	3.93	46	89795	115.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.04%
24) Chloroform-d	4.40	84	120646	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.74%
26) 1,2-Dichloroethane-d4	5.08	65	79251	49.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.76%
32) Benzene-d6	5.10	84	251398	50.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.12	67	76205	50.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.88%
41) Toluene-d8	7.36	98	232731	49.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.64%
43) trans-1,3-Dichloropropene-	7.67	79	35944	46.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.82%
47) 2-Hexanone-d5	8.14	63	58297	104.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	93305	47.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.68%
64) 1,2-Dichlorobenzene-d4	11.68	152	82594	50.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

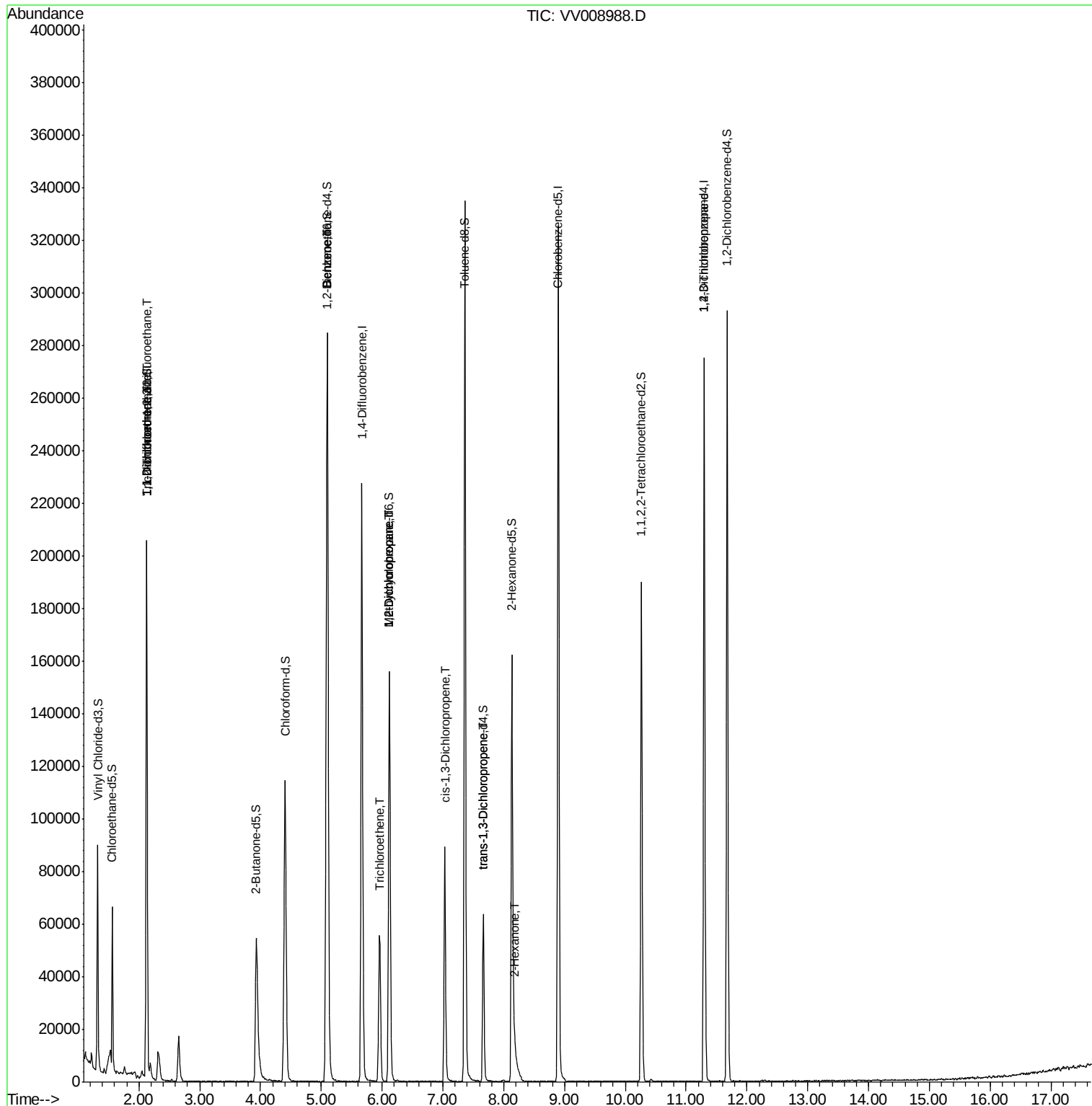
					Qvalue
9) Trichlorofluoromethane	2.13	101	923	0.413 ug/L #	36
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	923	0.676 ug/L #	18
12) 1,1-Dichloroethene	2.13	96	1116	0.898 ug/L #	1
33) Benzene	5.10	78	2062	0.401 ug/L	100
34) Trichloroethene	5.96	95	16598	11.181 ug/L	97
35) Methylcyclohexane	6.12	83	18825	8.551 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	8464	6.366 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2156	1.017 ug/L	87
44) trans-1,3-Dichloropropene	7.67	75	1419	0.718 ug/L #	56
48) 2-Hexanone	8.18	43	3294	2.575 ug/L #	49
59) 1,2,3-Trichloropropane	11.30	75	8109	4.843 ug/L	90

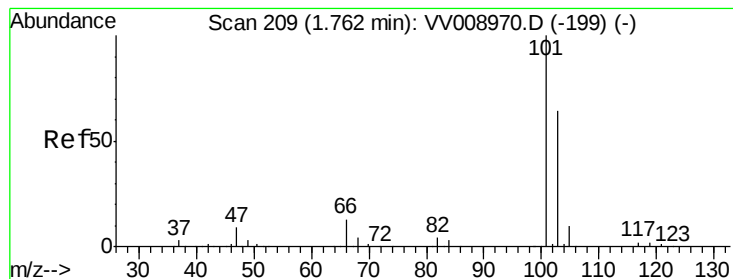
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.413 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.37 min

Lab File: VV008988.D

Acq: 17 Dec 2018 18:53

Instrument :

MSVOA_V

ClientSampleId :

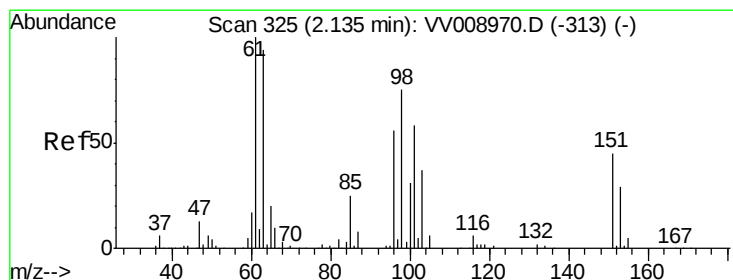
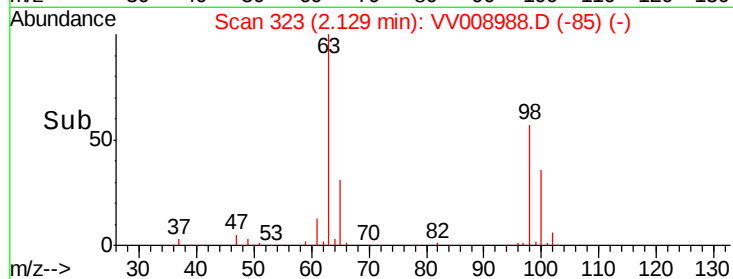
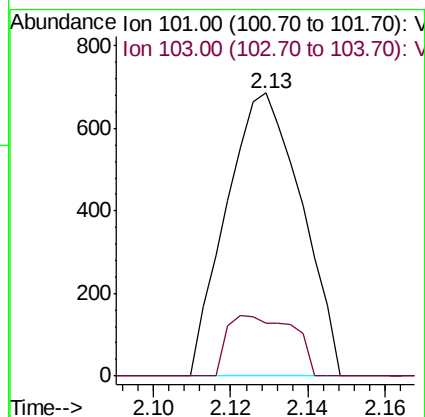
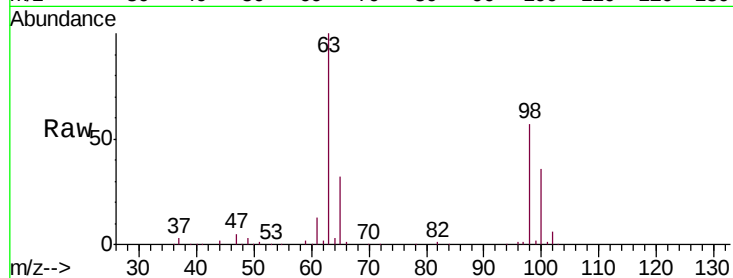
COLCO

Tgt Ion:101 Resp: 923

Ion Ratio Lower Upper

101 100

103 14.0 51.5 77.3#



#10

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

Concen: 0.676 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008988.D

Acq: 17 Dec 2018 18:53

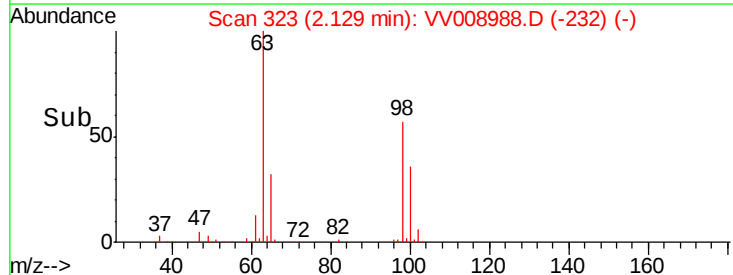
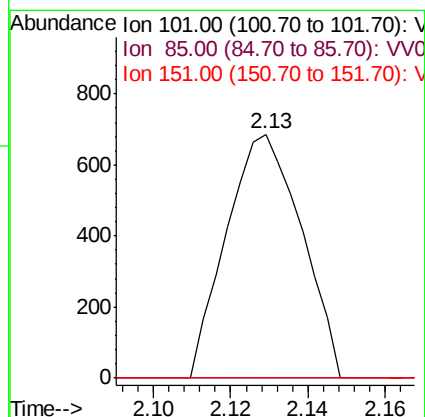
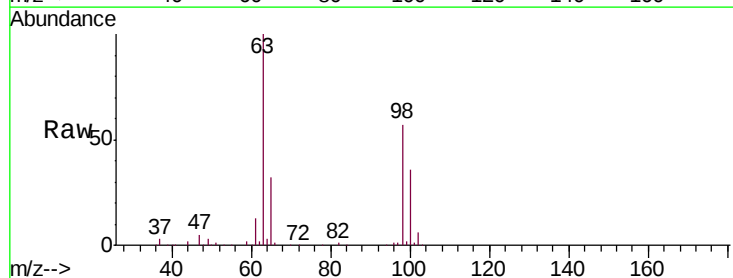
Tgt Ion:101 Resp: 923

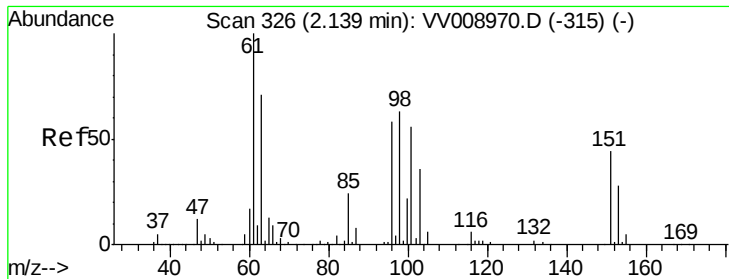
Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 63.8 95.8#





#12

1,1-Dichloroethene

Concen: 0.898 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV008988.D

Acq: 17 Dec 2018 18:53

Instrument :

MSVOA_V

ClientSampleId :

COLCO

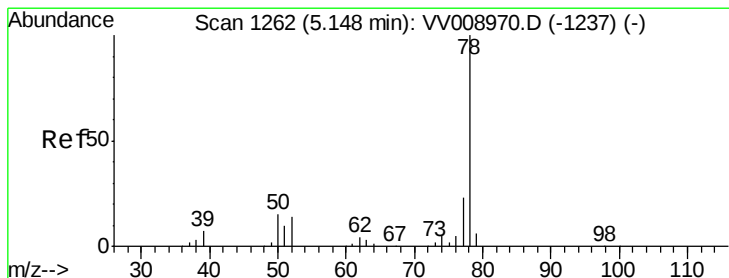
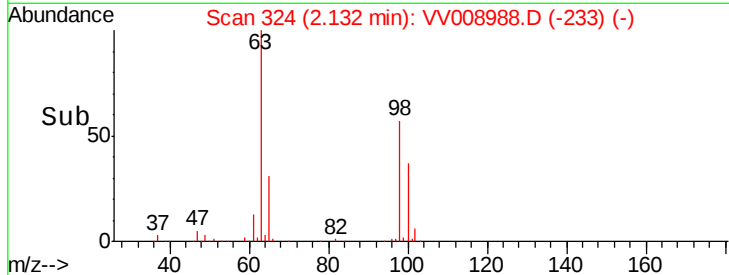
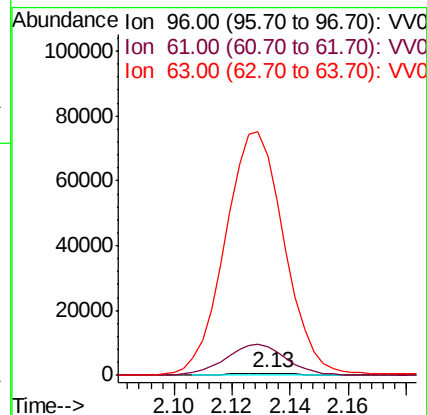
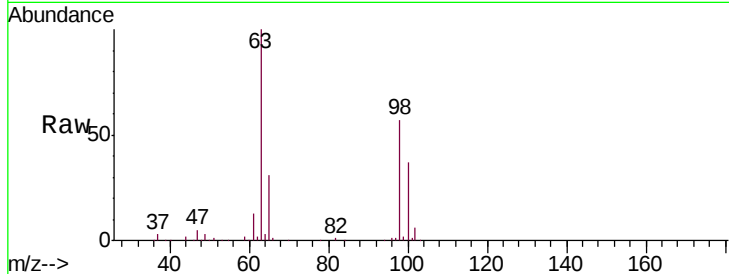
Tgt Ion: 96 Resp: 1116

Ion Ratio Lower Upper

96 100

61 1231.3 119.1 221.3#

63 9602.3 96.0 178.2#



#33

Benzene

Concen: 0.401 ug/L

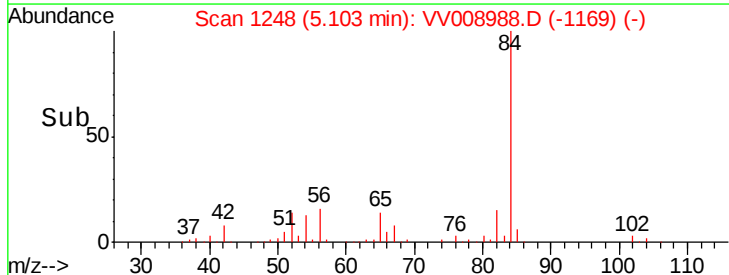
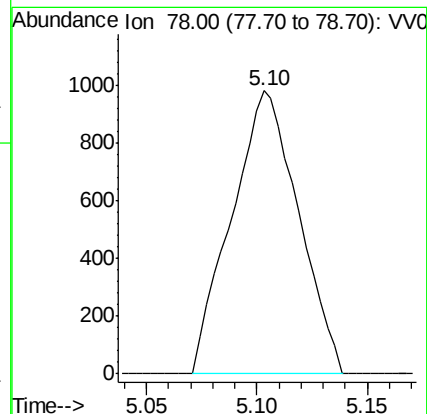
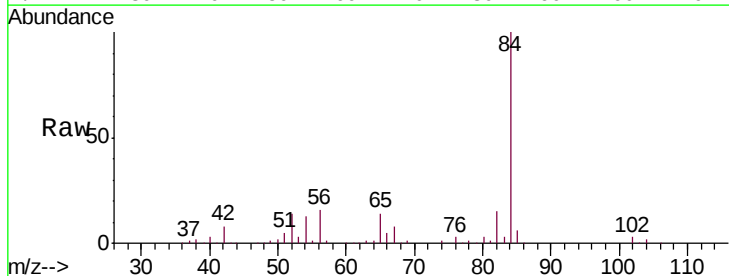
RT: 5.10 min Scan# 1248

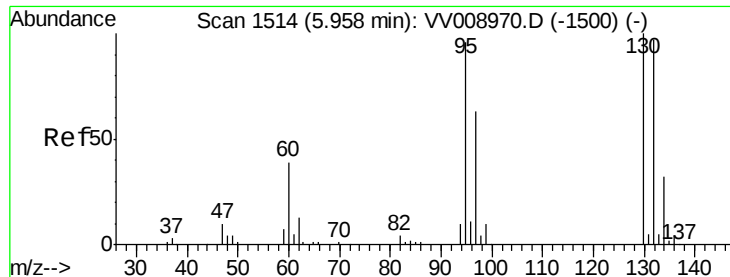
Delta R.T. -0.04 min

Lab File: VV008988.D

Acq: 17 Dec 2018 18:53

Tgt Ion: 78 Resp: 2062





#34

Trichloroethene

Concen: 11.181 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV008988.D

Acq: 17 Dec 2018 18:53

Instrument :

MSVOA_V

ClientSampleId :

COLCO

Tgt Ion: 95 Resp: 16598

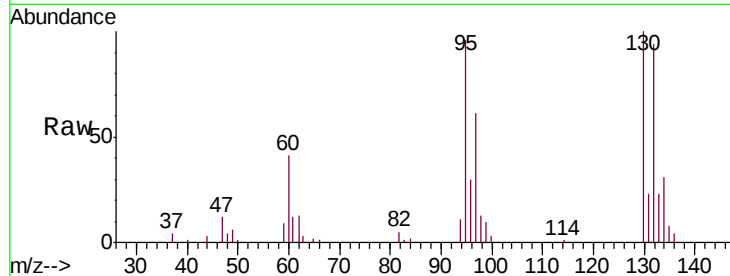
Ion Ratio Lower Upper

95 100

97 63.3 45.7 84.9

132 97.4 72.2 134.2

130 103.7 73.8 137.2

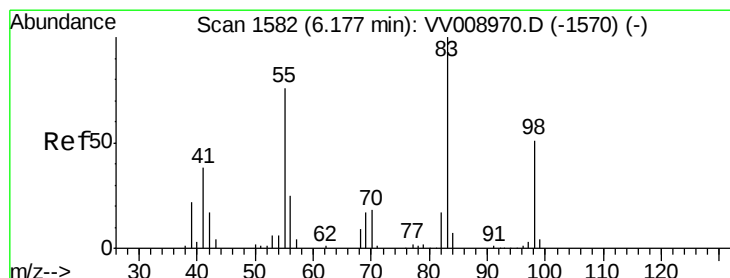
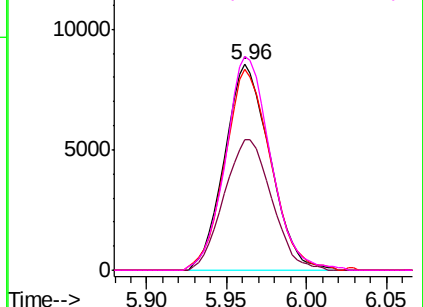
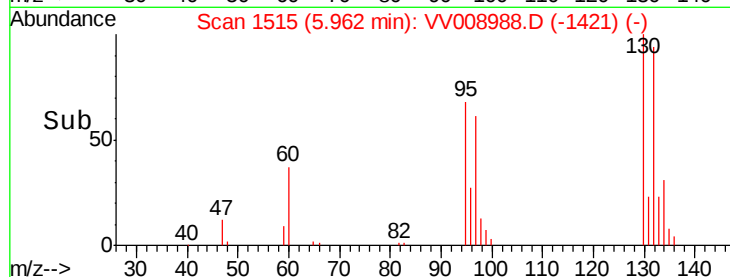


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#35

Methylcyclohexane

Concen: 8.551 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.06 min

Lab File: VV008988.D

Acq: 17 Dec 2018 18:53

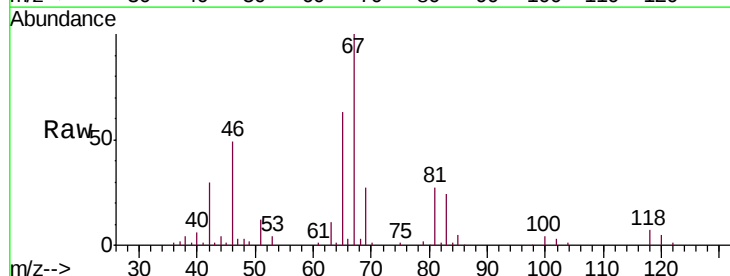
Tgt Ion: 83 Resp: 18825

Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.8#

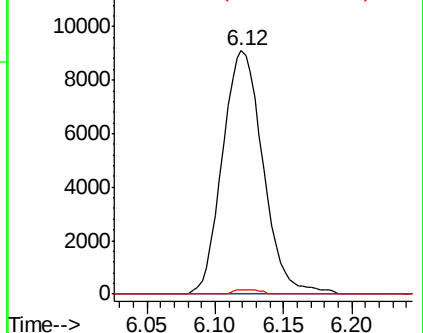
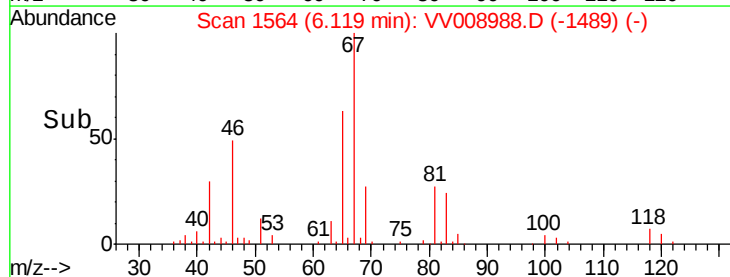
98 0.4 39.0 58.4#

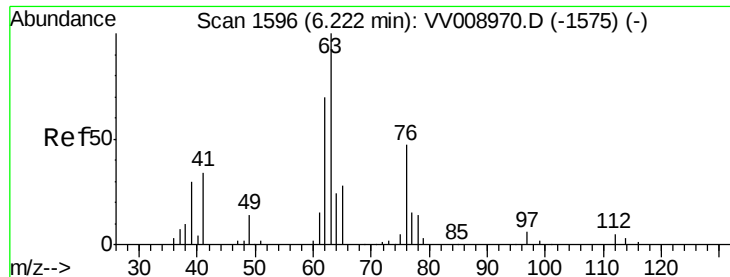


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

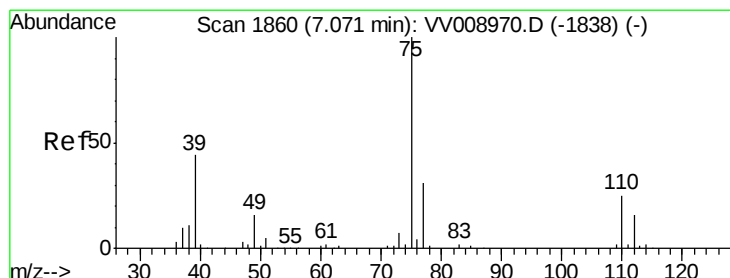
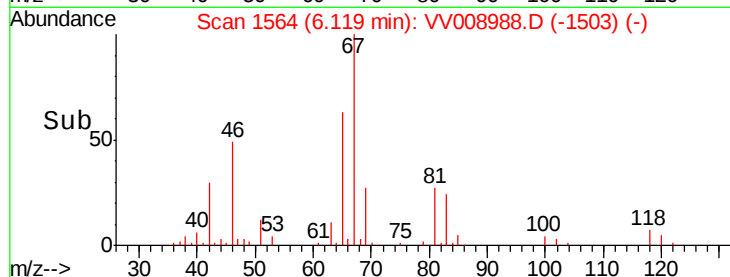
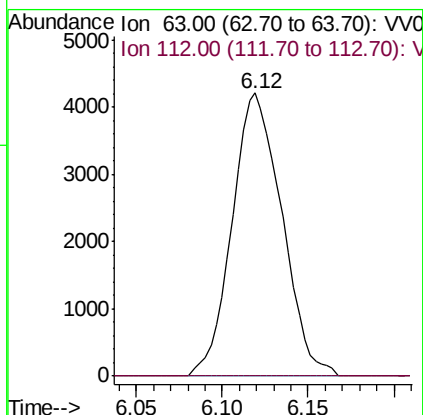
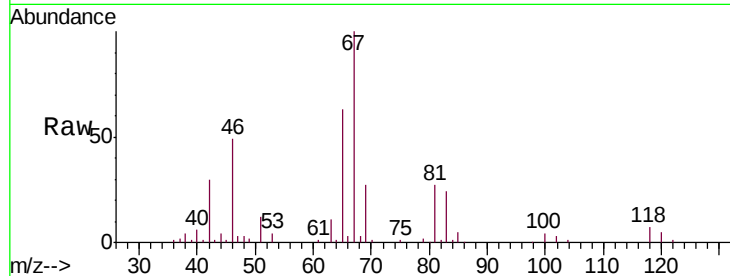




#37
 1,2-Dichloropropane
 Concen: 6.366 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV008988.D
 Acq: 17 Dec 2018 18:53

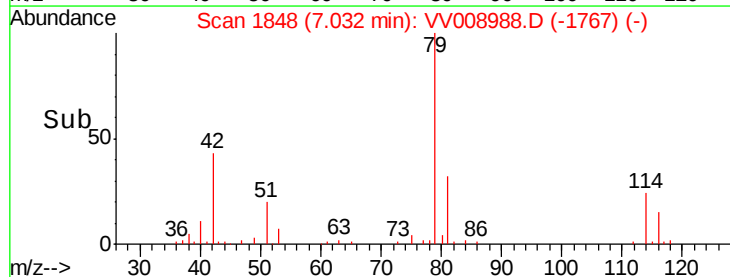
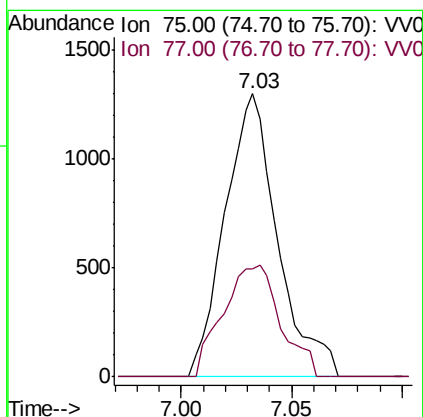
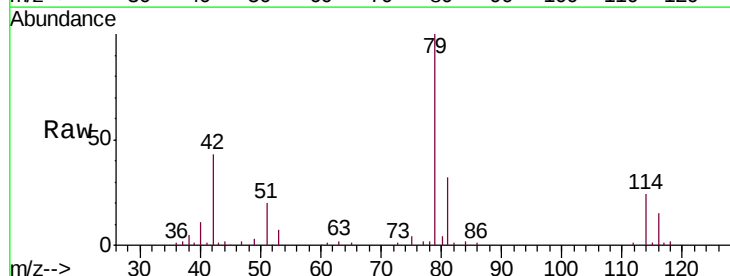
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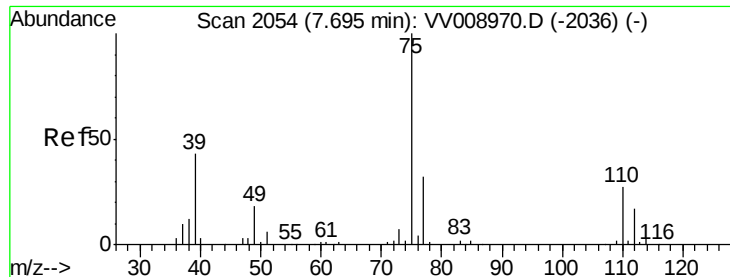
Tgt Ion: 63 Resp: 8464
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.017 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008988.D
 Acq: 17 Dec 2018 18:53

Tgt Ion: 75 Resp: 2156
 Ion Ratio Lower Upper
 75 100
 77 38.3 21.8 40.4

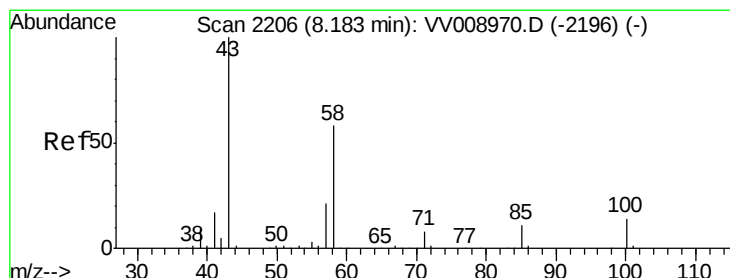
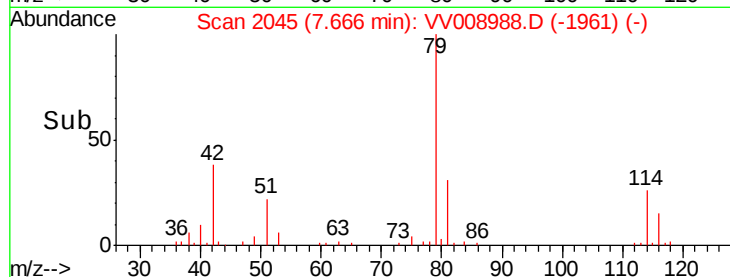
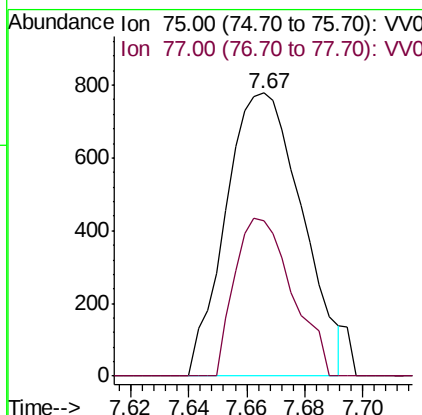
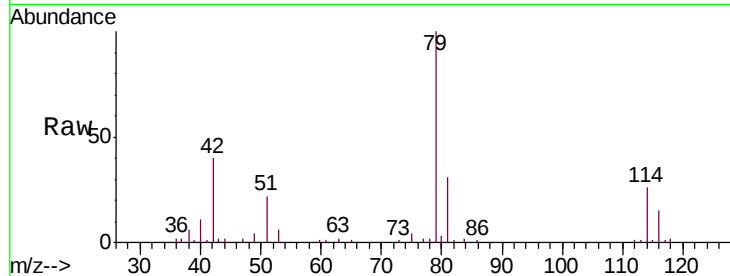




#44
trans-1,3-Dichloropropene
Concen: 0.718 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV008988.D
Acq: 17 Dec 2018 18:53

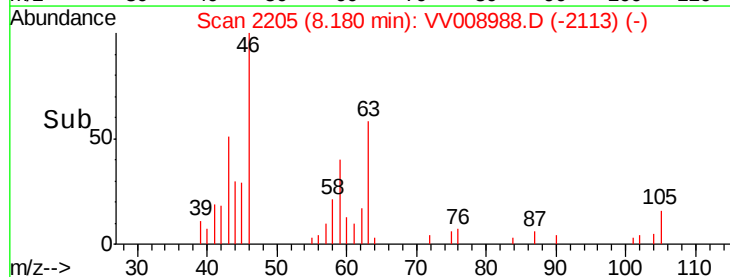
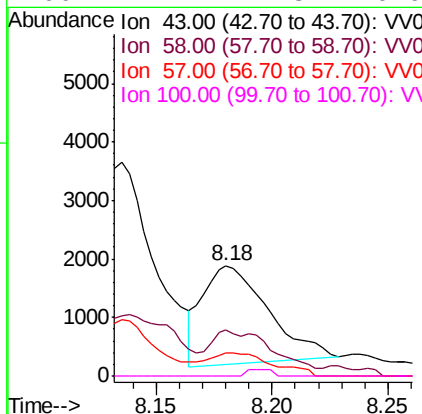
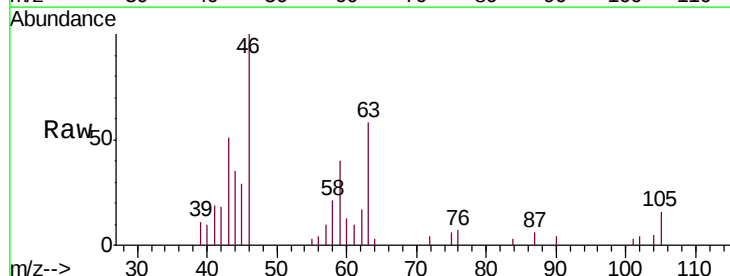
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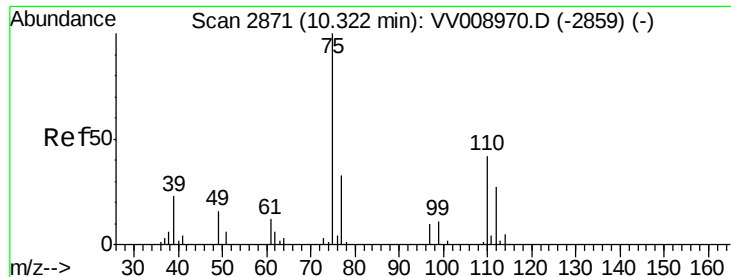
Tgt Ion: 75 Resp: 1419
Ion Ratio Lower Upper
75 100
77 55.1 21.6 40.2#



#48
2-Hexanone
Concen: 2.575 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VV008988.D
Acq: 17 Dec 2018 18:53

Tgt Ion: 43 Resp: 3294
Ion Ratio Lower Upper
43 100
58 9.0 42.7 64.1#
57 3.7 15.7 23.5#
100 1.2 11.3 16.9#





#59

1,2,3-Trichloropropane

Concen: 4.843 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV008988.D

Acq: 17 Dec 2018 18:53

Instrument :

MSVOA_V

ClientSampleId :

COLCO

Tgt Ion: 75 Resp: 8109

Ion Ratio Lower Upper

75 100

77 37.9 25.8 38.8

