

Data File : VV008986.D
Acq On : 17 Dec 2018 18:05
Operator : SY/MD
Sample : J6387-15
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COLB8

Quant Time: Dec 18 01:52:13 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	198799	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	182340	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	78467	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56673	48.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.62%
7) Chloroethane-d5	1.57	69	47465	64.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	129.92%
11) 1,1-Dichloroethene-d2	2.13	63	109307	39.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.74%
21) 2-Butanone-d5	3.93	46	88451	114.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.11%
24) Chloroform-d	4.41	84	121021	48.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.72%
26) 1,2-Dichloroethane-d4	5.09	65	81527	51.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.34%
32) Benzene-d6	5.10	84	251148	51.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.22%
36) 1,2-Dichloropropane-d6	6.12	67	77077	52.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.40%
41) Toluene-d8	7.36	98	234070	50.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.50%
43) trans-1,3-Dichloropropene-	7.67	79	36588	48.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.72%
47) 2-Hexanone-d5	8.14	63	54267	99.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.30%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	92603	48.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.16%
64) 1,2-Dichlorobenzene-d4	11.68	152	82008	50.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.34%

Target Compounds

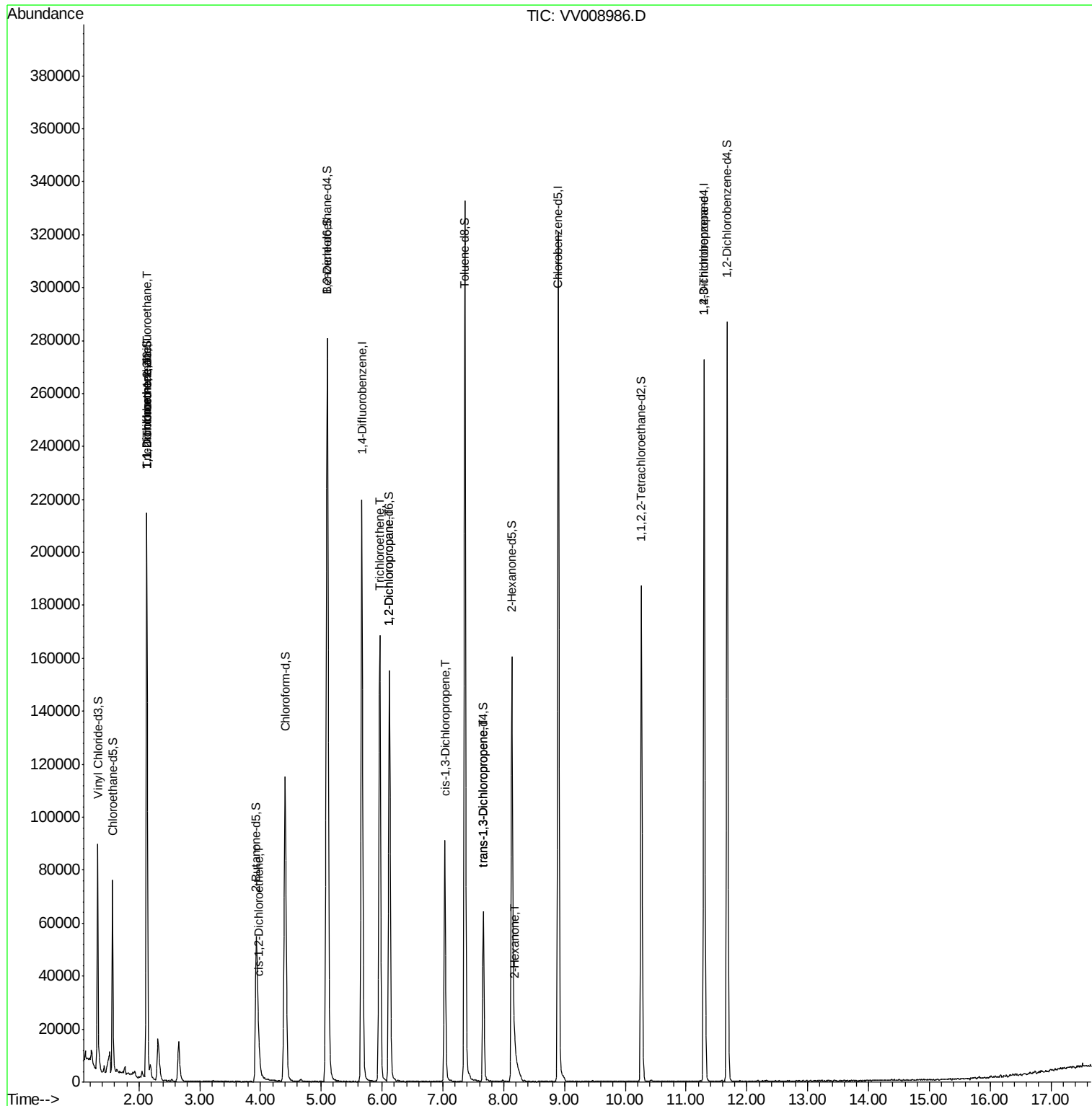
						Qvalue
9) Trichlorofluoromethane	2.13	101	1034	0.466	ug/L #	37
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1084	0.799	ug/L #	18
12) 1,1-Dichloroethene	2.14	96	4433	3.591	ug/L #	1
20) cis-1,2-Dichloroethene	3.97	96	1936	1.351	ug/L	87
34) Trichloroethene	5.96	95	56029	38.615	ug/L	99
37) 1,2-Dichloropropane	6.12	63	8677	6.677	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2241	1.081	ug/L #	60
44) trans-1,3-Dichloropropene	7.67	75	1535	0.795	ug/L	88
48) 2-Hexanone	8.18	43	3499	2.799	ug/L #	74
59) 1,2,3-Trichloropropane	11.30	75	7870	4.809	ug/L	89

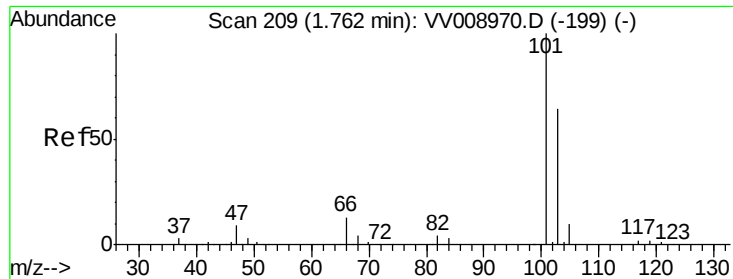
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 18 01:46:20 2018
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.466 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.37 min

Lab File: VV008986.D

Acq: 17 Dec 2018 18:05

Instrument :

MSVOA_V

ClientSampleId :

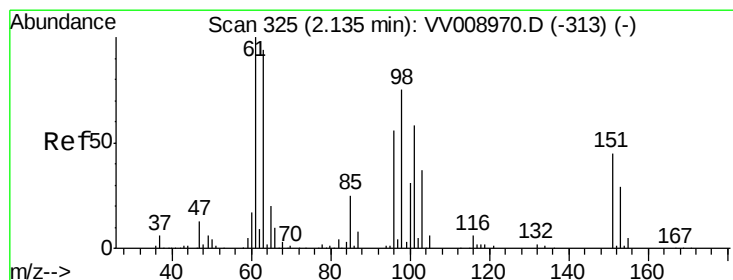
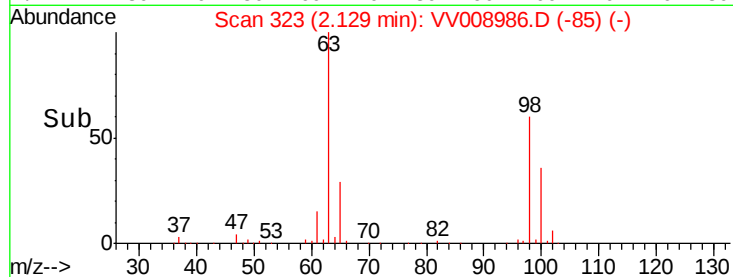
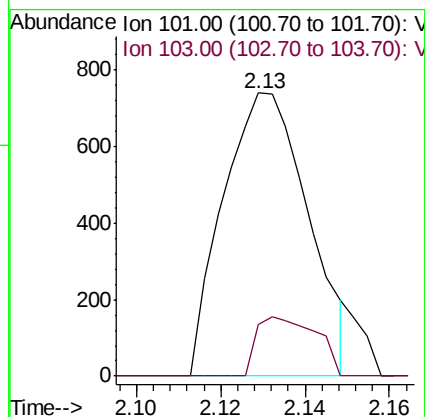
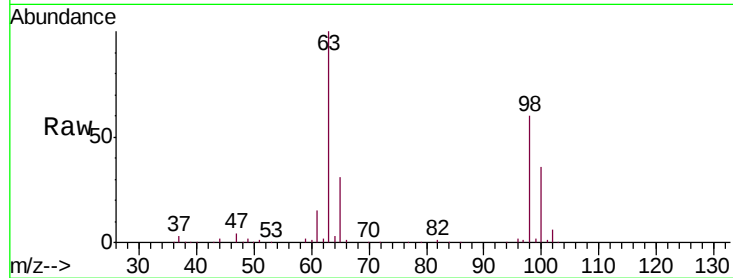
C0LB8

Tgt Ion:101 Resp: 1034

Ion Ratio Lower Upper

101 100

103 14.8 51.5 77.3#



#10

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

Concen: 0.799 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008986.D

Acq: 17 Dec 2018 18:05

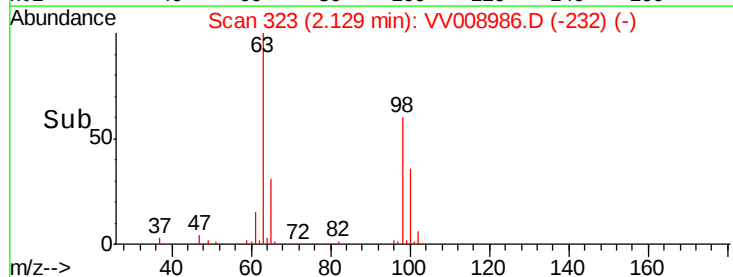
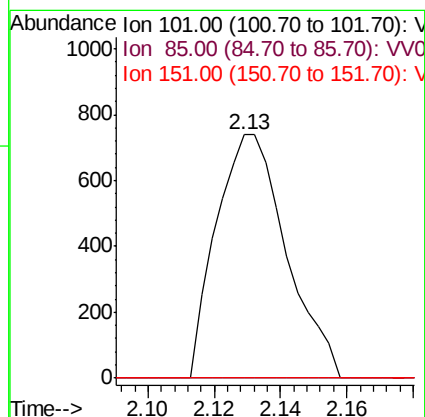
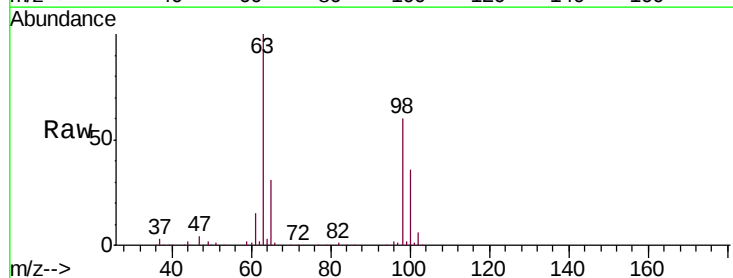
Tgt Ion:101 Resp: 1084

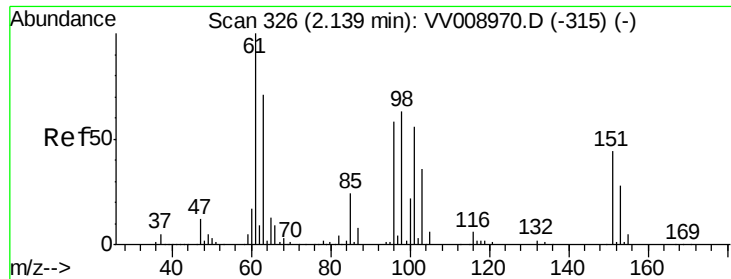
Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 63.8 95.8#





#12

1,1-Dichloroethene

Concen: 3.591 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV008986.D

Acq: 17 Dec 2018 18:05

Instrument :

MSVOA_V

ClientSampleId :

C0LB8

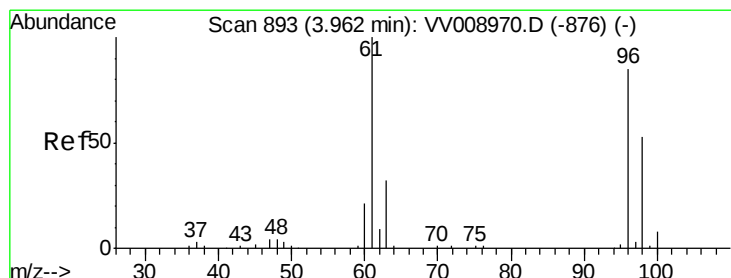
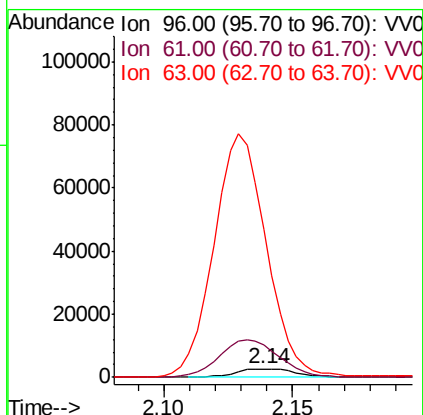
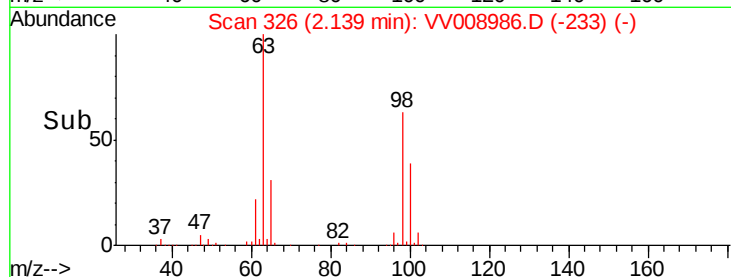
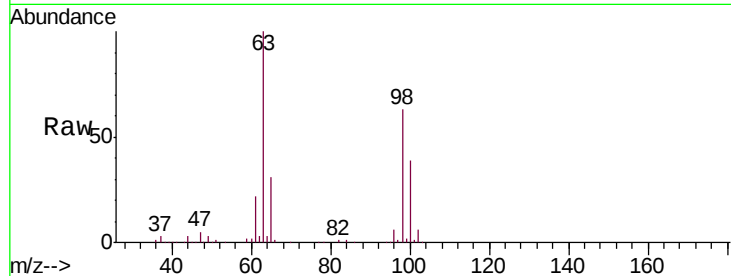
Tgt Ion: 96 Resp: 4433

Ion Ratio Lower Upper

96 100

61 369.8 119.1 221.3#

63 1708.3 96.0 178.2#



#20

cis-1,2-Dichloroethene

Concen: 1.351 ug/L

RT: 3.97 min Scan# 897

Delta R.T. 0.01 min

Lab File: VV008986.D

Acq: 17 Dec 2018 18:05

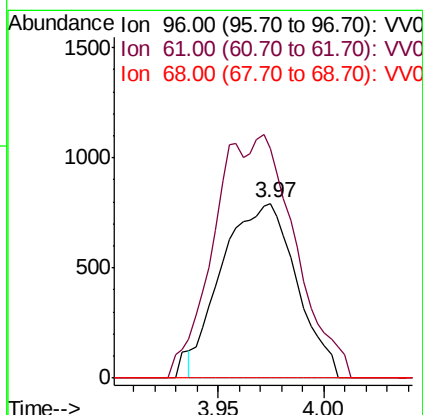
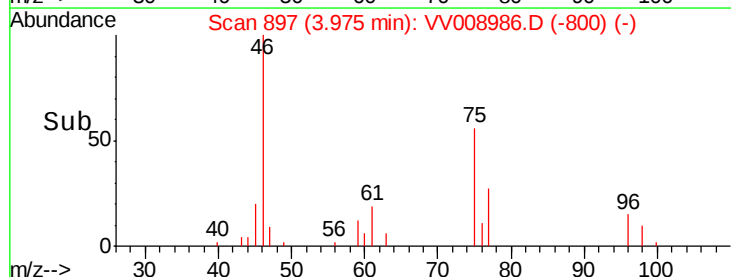
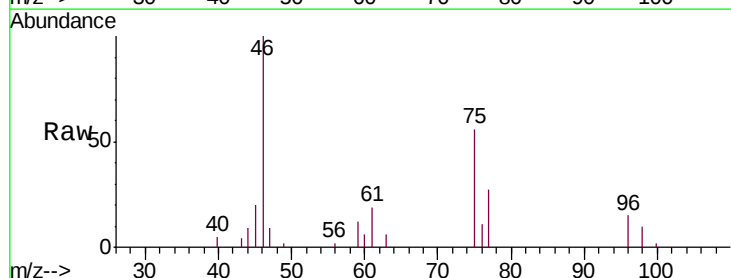
Tgt Ion: 96 Resp: 1936

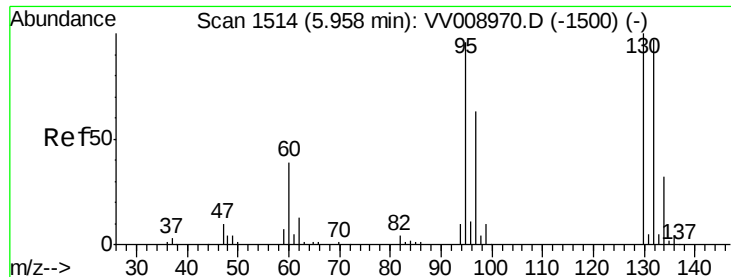
Ion Ratio Lower Upper

96 100

61 131.4 81.9 152.1

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 38.615 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV008986.D

Acq: 17 Dec 2018 18:05

Instrument :

MSVOA_V

ClientSampleId :

C0LB8

Tgt Ion: 95 Resp: 56029

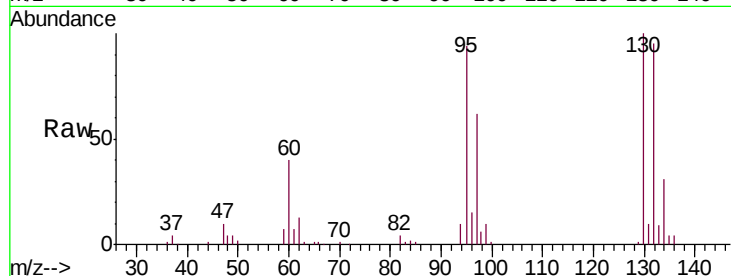
Ion Ratio Lower Upper

95 100

97 66.3 45.7 84.9

132 101.2 72.2 134.2

130 106.3 73.8 137.2

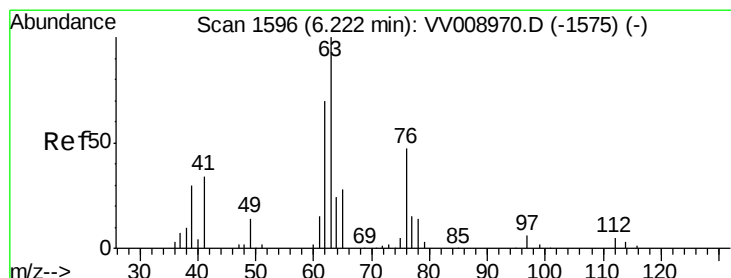
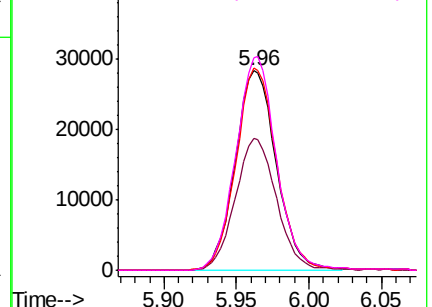
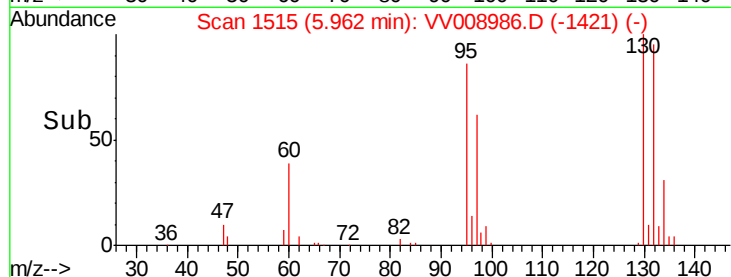


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 6.677 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008986.D

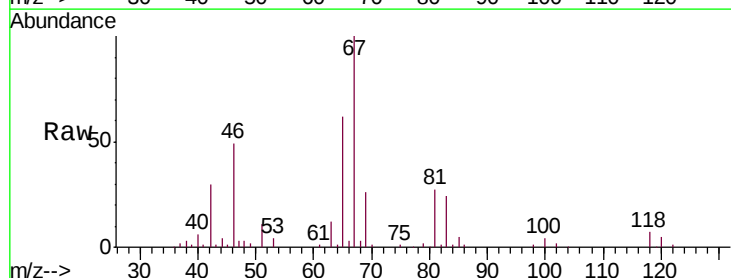
Acq: 17 Dec 2018 18:05

Tgt Ion: 63 Resp: 8677

Ion Ratio Lower Upper

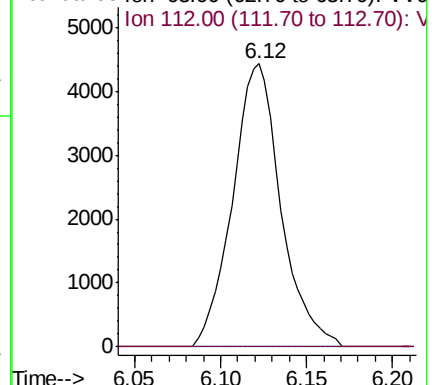
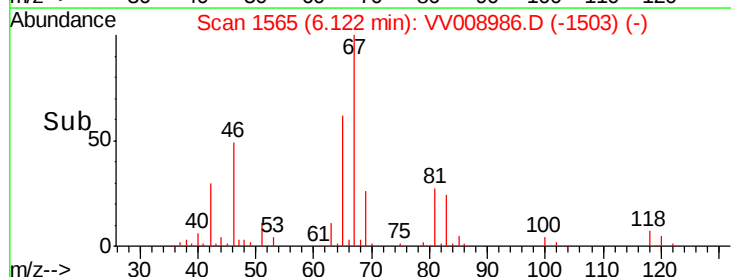
63 100

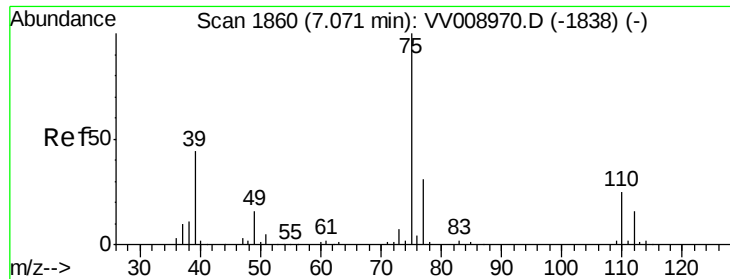
112 0.0 3.8 5.6#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V



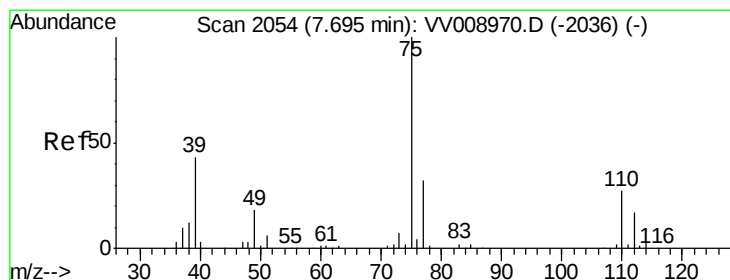
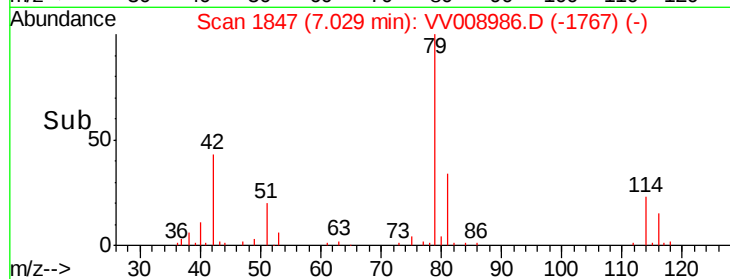
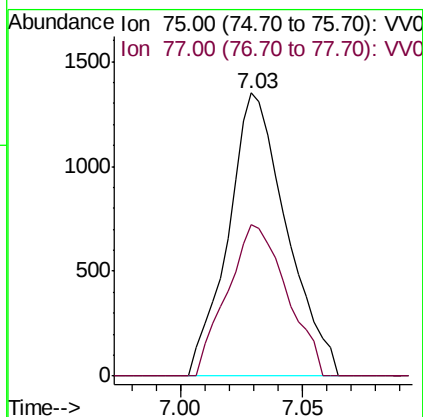
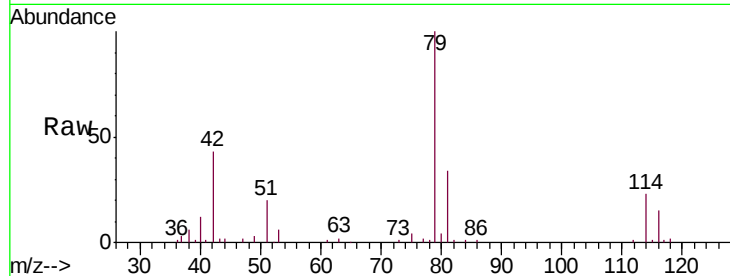


#39

cis-1,3-Dichloropropene
Concen: 1.081 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV008986.D
Acq: 17 Dec 2018 18:05

Instrument :
MSVOA_V
ClientSampleId :
COLB8

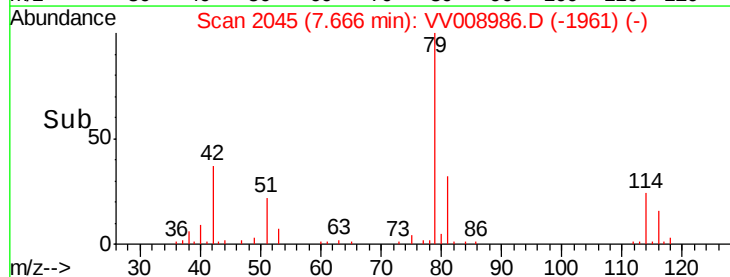
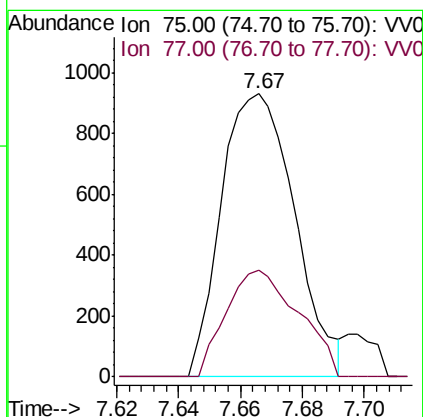
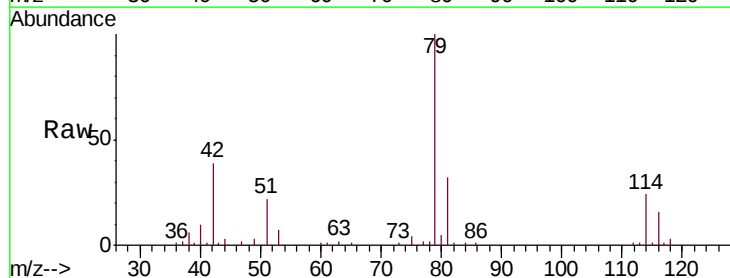
Tgt Ion: 75 Resp: 2241
Ion Ratio Lower Upper
75 100
77 53.3 21.8 40.4#

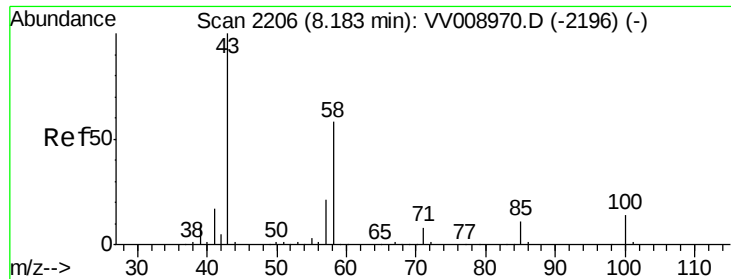


#44

trans-1,3-Dichloropropene
Concen: 0.795 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV008986.D
Acq: 17 Dec 2018 18:05

Tgt Ion: 75 Resp: 1535
Ion Ratio Lower Upper
75 100
77 37.5 21.6 40.2

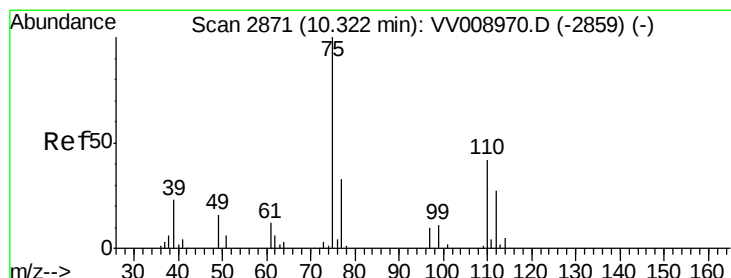
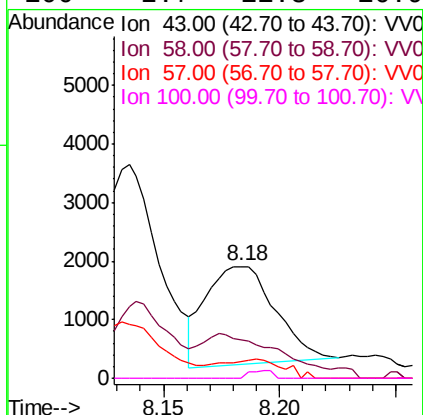
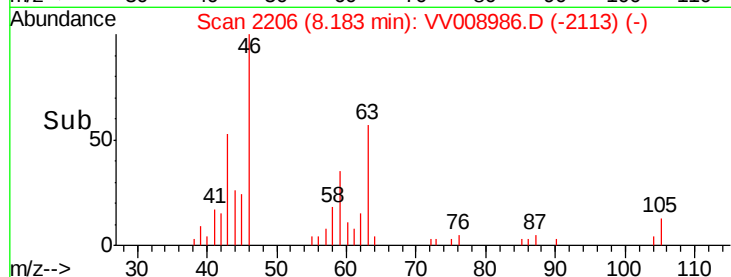
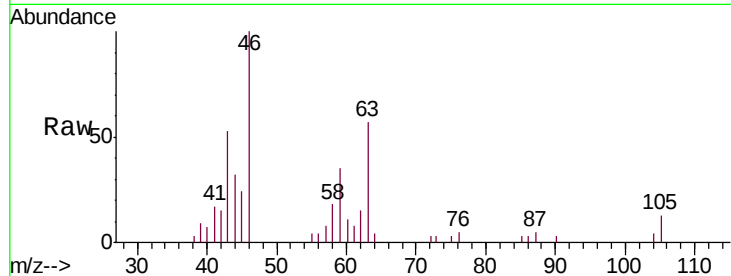




#48
2-Hexanone
Concen: 2.799 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV008986.D
Acq: 17 Dec 2018 18:05

Instrument :
MSVOA_V
ClientSampleId :
COLB8

Tgt Ion: 43 Resp: 3499
Ion Ratio Lower Upper
43 100
58 39.1 42.7 64.1#
57 1.2 15.7 23.5#
100 2.7 11.3 16.9#



#59
1,2,3-Trichloropropane
Concen: 4.809 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV008986.D
Acq: 17 Dec 2018 18:05

Tgt Ion: 75 Resp: 7870
Ion Ratio Lower Upper
75 100
77 38.4 25.8 38.8

