

Data File : VV008985.D
Acq On : 17 Dec 2018 17:41
Operator : SY/MD
Sample : J6383-06
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0940

Quant Time: Dec 18 01:52:01 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	203522	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	187356	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	78610	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56252	47.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.66%
7) Chloroethane-d5	1.57	69	43776	58.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.06%
11) 1,1-Dichloroethene-d2	2.13	63	109075	38.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.72%
21) 2-Butanone-d5	3.93	46	89787	113.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.14%
24) Chloroform-d	4.41	84	124512	49.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.08	65	82713	51.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.40%
32) Benzene-d6	5.10	84	259172	51.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.66%
36) 1,2-Dichloropropane-d6	6.12	67	78668	51.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.70%
41) Toluene-d8	7.36	98	239410	50.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.04%
43) trans-1,3-Dichloropropene-	7.67	79	37136	48.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.52%
47) 2-Hexanone-d5	8.13	63	59001	105.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.07%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	89616	45.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.50%
64) 1,2-Dichlorobenzene-d4	11.68	152	83557	51.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.08%

Target Compounds

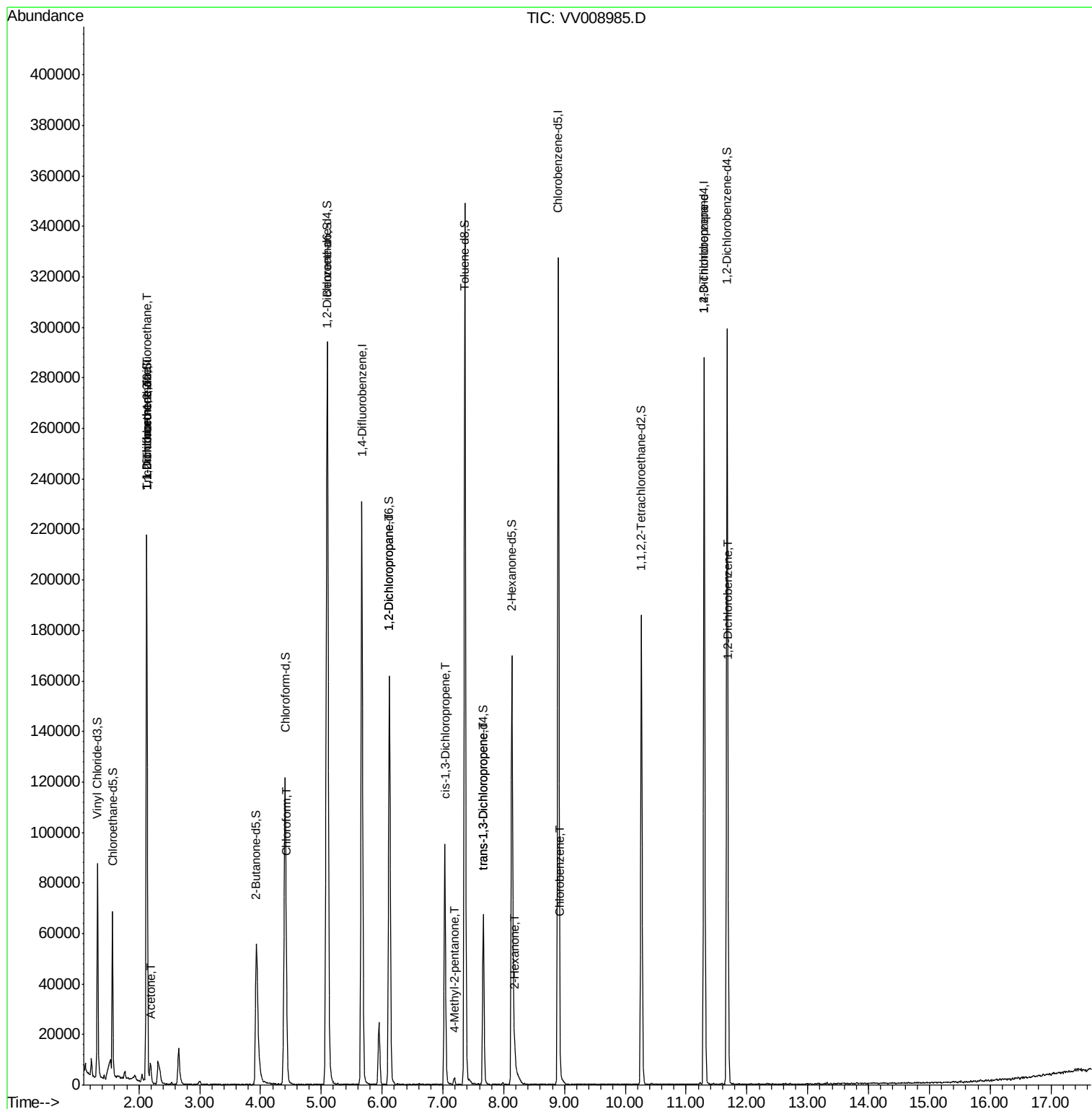
					Qvalue
9) Trichlorofluoromethane	2.13	101	1117	0.492 ug/L #	29
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1144	0.824 ug/L #	18
12) 1,1-Dichloroethene	2.13	96	923	0.730 ug/L #	1
13) Acetone	2.19	43	4450	3.729 ug/L	98
25) Chloroform	4.43	83	6475	2.573 ug/L	89
37) 1,2-Dichloropropane	6.12	63	8793	6.586 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2339	1.098 ug/L #	63
40) 4-Methyl-2-pentanone	7.19	43	1343	0.871 ug/L #	42
44) trans-1,3-Dichloropropene	7.67	75	1555	0.783 ug/L #	66
48) 2-Hexanone	8.18	43	4161	3.239 ug/L #	89
51) Chlorobenzene	8.93	112	1660	0.440 ug/L	87
59) 1,2,3-Trichloropropane	11.30	75	8729	5.191 ug/L	89
65) 1,2-Dichlorobenzene	11.70	146	1974	0.771 ug/L	92

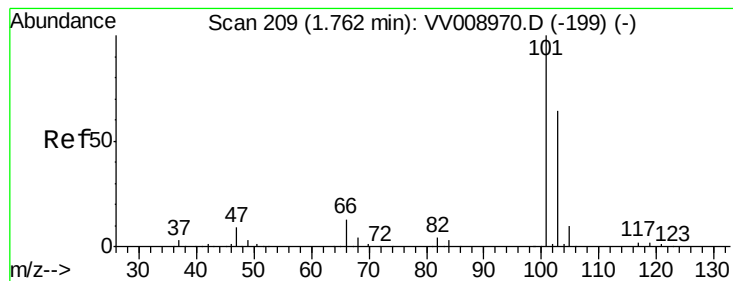
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.492 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.37 min

Lab File: VV008985.D

Acq: 17 Dec 2018 17:41

Instrument :

MSVOA_V

ClientSampleId :

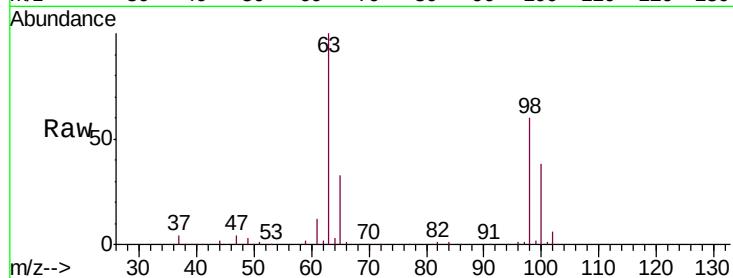
C0940

Tgt Ion:101 Resp: 1117

Ion Ratio Lower Upper

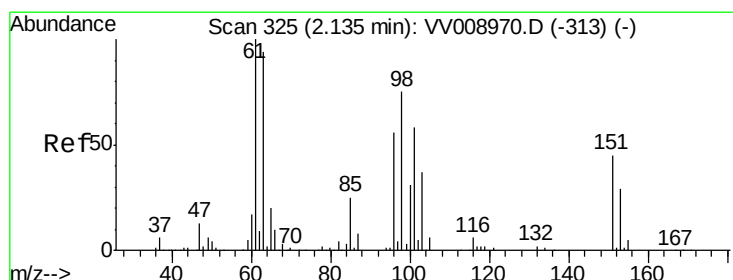
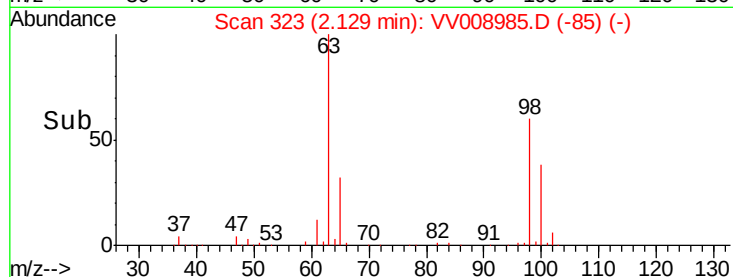
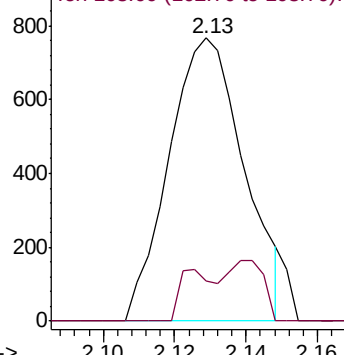
101 100

103 8.4 51.5 77.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

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

Concen: 0.824 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008985.D

Acq: 17 Dec 2018 17:41

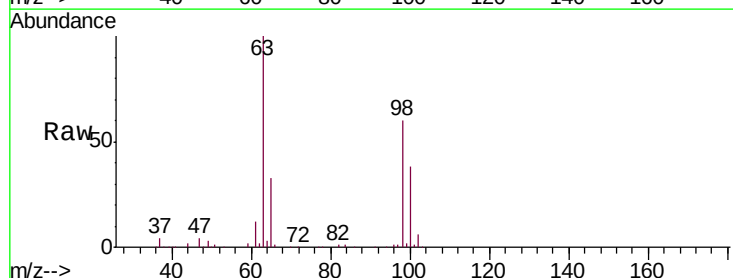
Tgt Ion:101 Resp: 1144

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

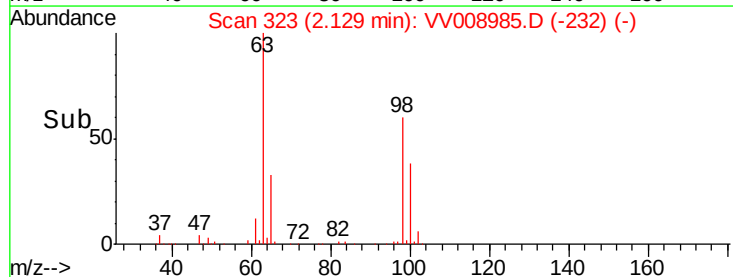
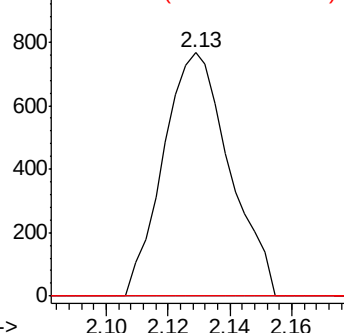
151 0.0 63.8 95.8#

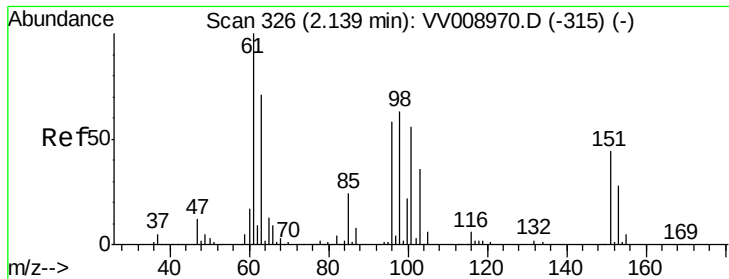


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

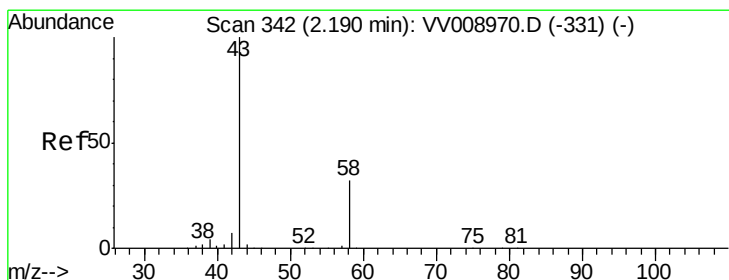
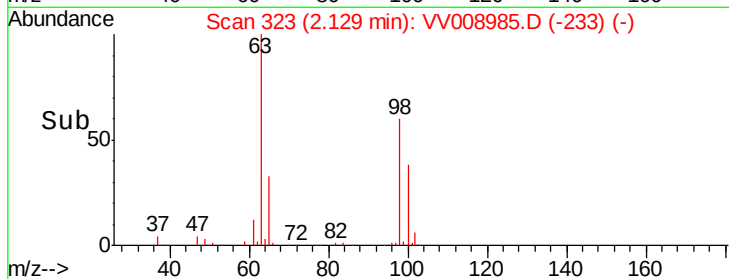
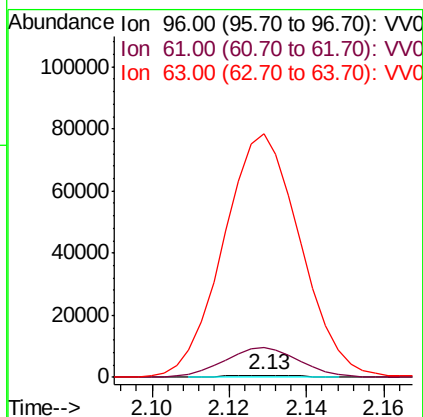
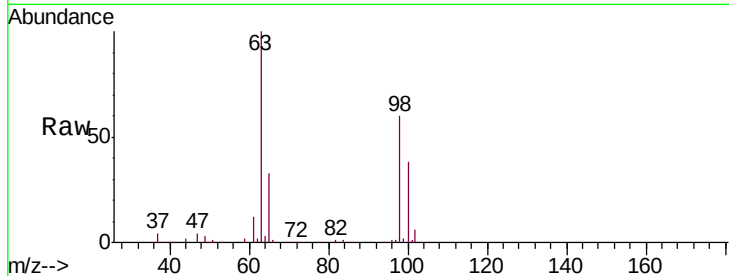




#12
 1,1-Dichloroethene
 Concen: 0.730 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008985.D
 Acq: 17 Dec 2018 17:41

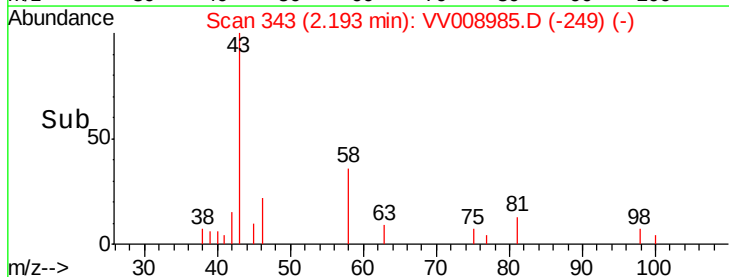
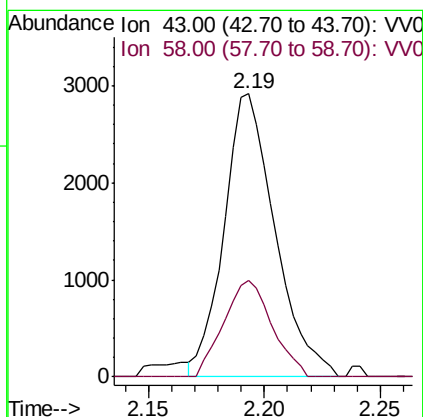
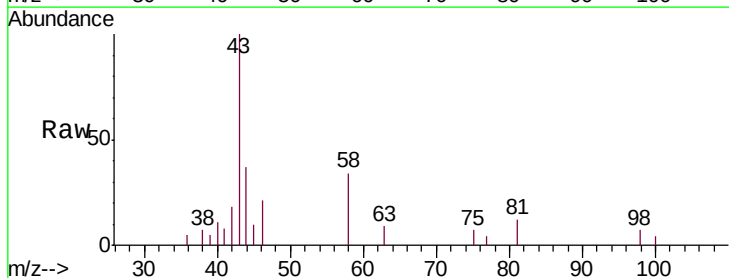
Instrument :
 MSVOA_V
 ClientSampleId :
 C0940

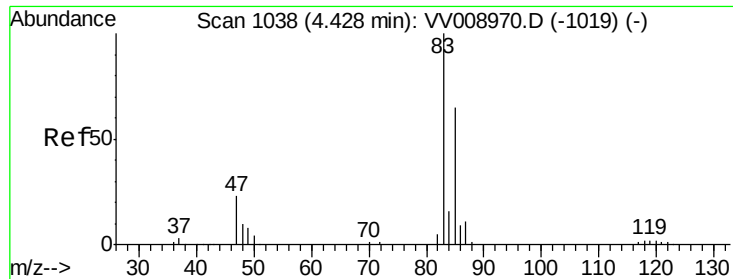
Tgt Ion: 96 Resp: 923
 Ion Ratio Lower Upper
 96 100
 61 1512.9 119.1 221.3#
 63 12346.5 96.0 178.2#



#13
 Acetone
 Concen: 3.729 ug/L
 RT: 2.19 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VV008985.D
 Acq: 17 Dec 2018 17:41

Tgt Ion: 43 Resp: 4450
 Ion Ratio Lower Upper
 43 100
 58 32.2 0.0 61.8

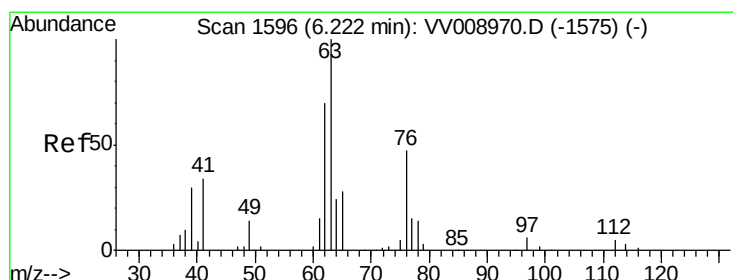
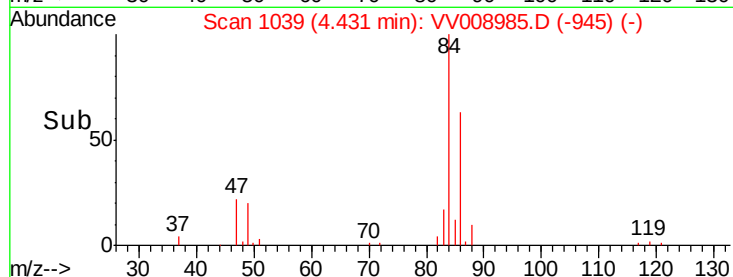
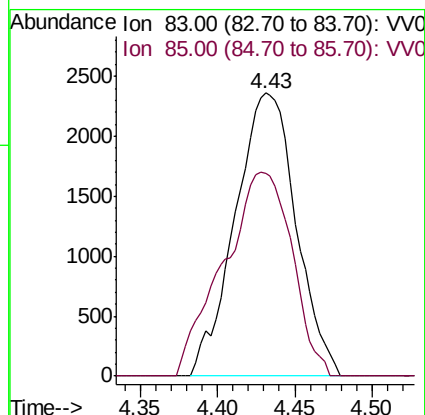
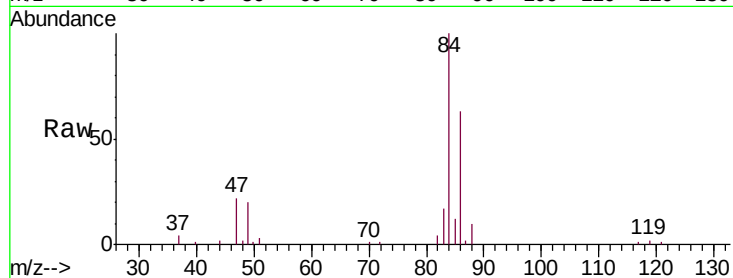




#25
Chloroform
Concen: 2.573 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV008985.D
Acq: 17 Dec 2018 17:41

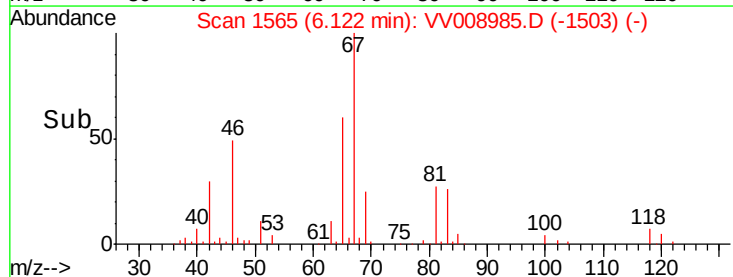
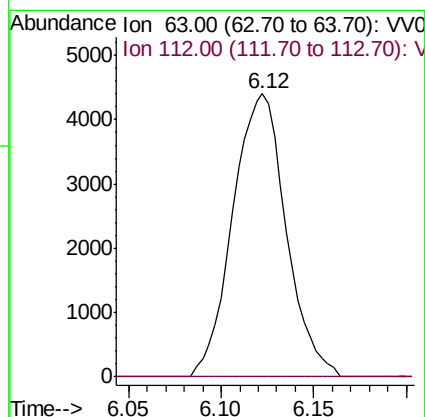
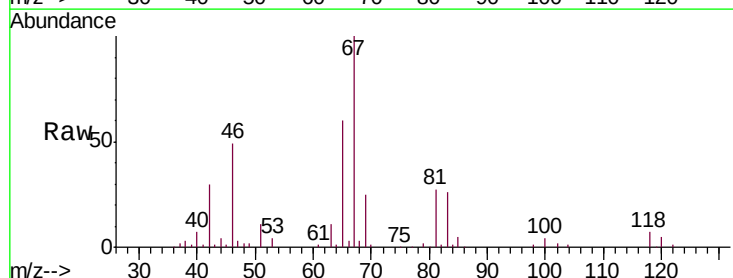
Instrument :
MSVOA_V
ClientSampled :
C0940

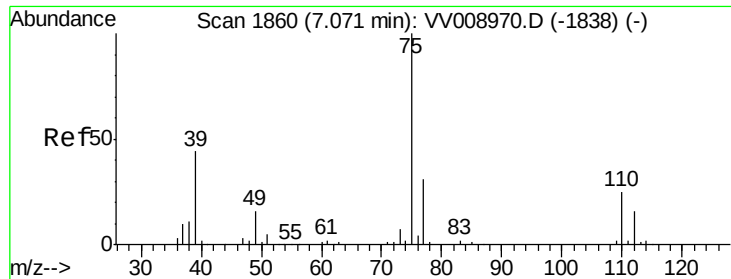
Tgt Ion: 83 Resp: 6475
Ion Ratio Lower Upper
83 100
85 71.7 44.3 82.3



#37
1,2-Dichloropropane
Concen: 6.586 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008985.D
Acq: 17 Dec 2018 17:41

Tgt Ion: 63 Resp: 8793
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#

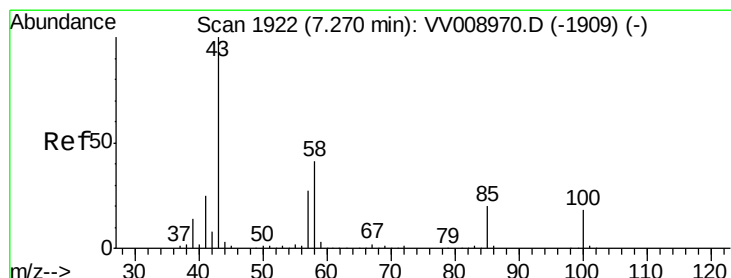
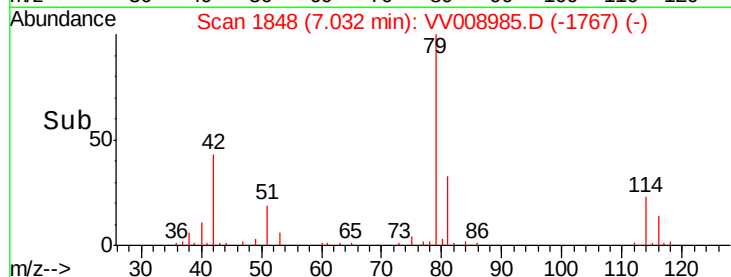
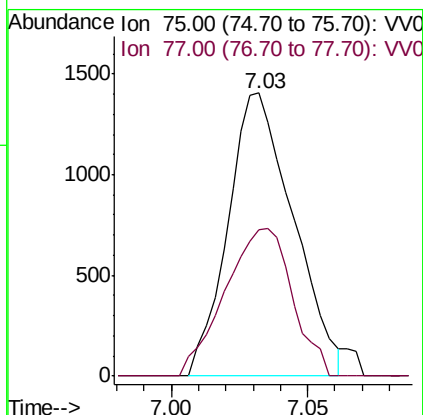
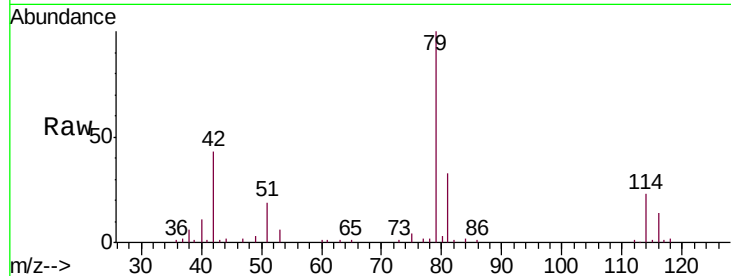




#39
 cis-1,3-Dichloropropene
 Concen: 1.098 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008985.D
 Acq: 17 Dec 2018 17:41

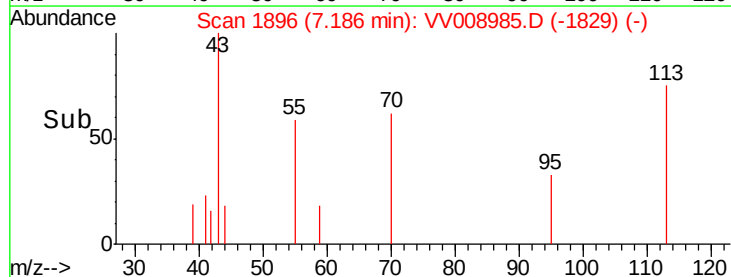
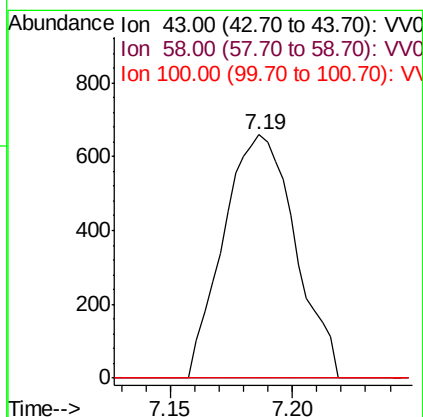
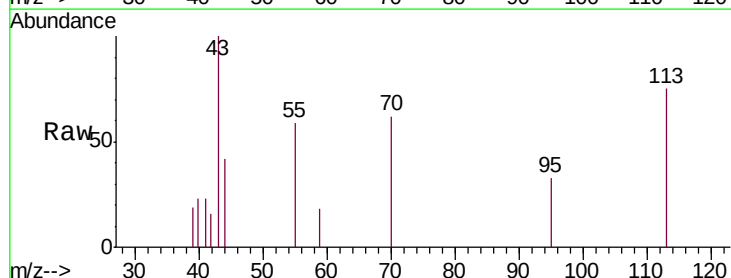
Instrument :
 MSVOA_V
 ClientSampleId :
 C0940

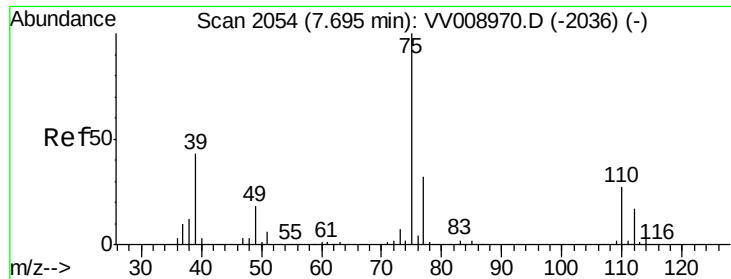
Tgt Ion: 75 Resp: 2339
 Ion Ratio Lower Upper
 75 100
 77 51.7 21.8 40.4#



#40
 4-Methyl-2-pentanone
 Concen: 0.871 ug/L
 RT: 7.19 min Scan# 1896
 Delta R.T. -0.08 min
 Lab File: VV008985.D
 Acq: 17 Dec 2018 17:41

Tgt Ion: 43 Resp: 1343
 Ion Ratio Lower Upper
 43 100
 58 0.0 33.4 50.0#
 100 0.0 13.9 20.9#





#44

trans-1,3-Dichloropropene

Concen: 0.783 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV008985.D

Acq: 17 Dec 2018 17:41

Instrument :

MSVOA_V

ClientSampleId :

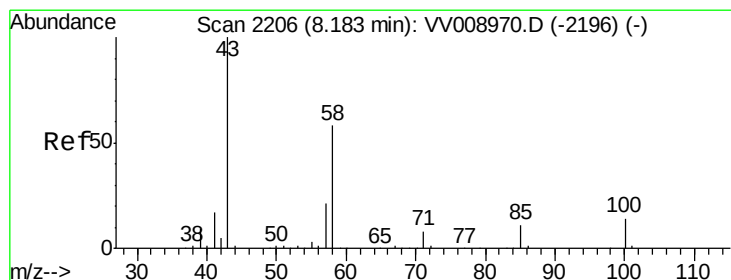
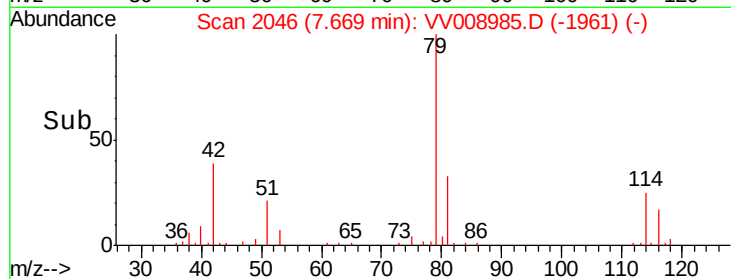
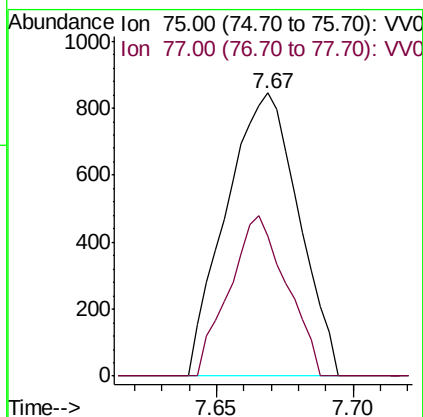
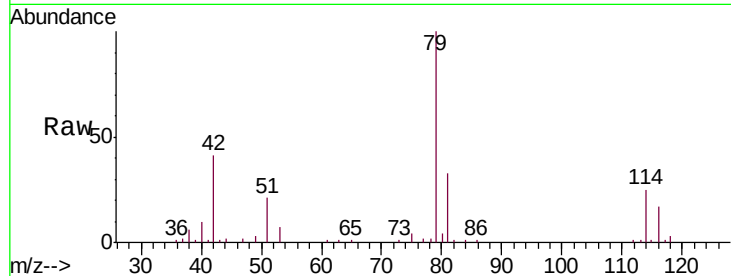
C0940

Tgt Ion: 75 Resp: 1555

Ion Ratio Lower Upper

75 100

77 49.3 21.6 40.2#



#48

2-Hexanone

Concen: 3.239 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. -0.00 min

Lab File: VV008985.D

Acq: 17 Dec 2018 17:41

Tgt Ion: 43 Resp: 4161

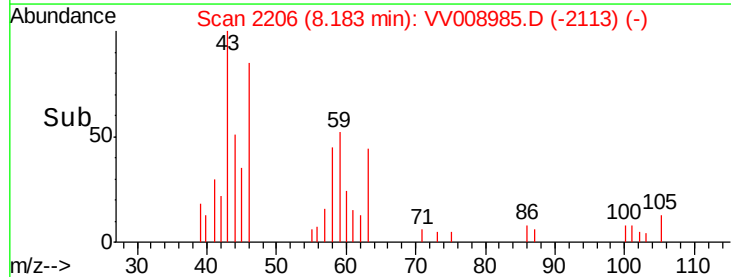
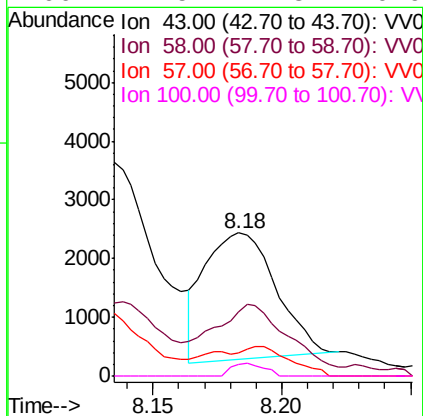
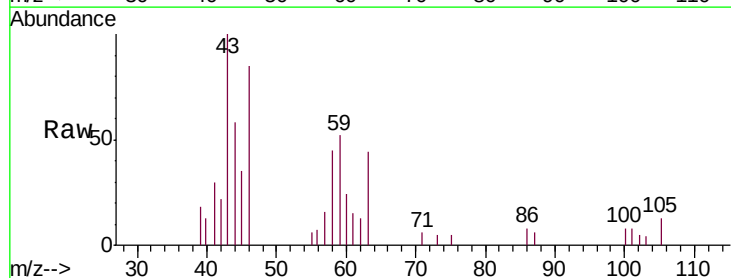
Ion Ratio Lower Upper

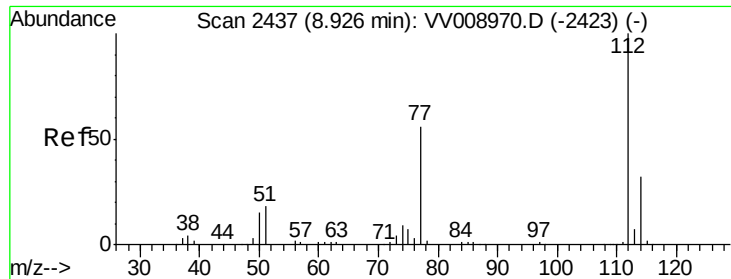
43 100

58 60.4 42.7 64.1

57 16.5 15.7 23.5

100 4.5 11.3 16.9#

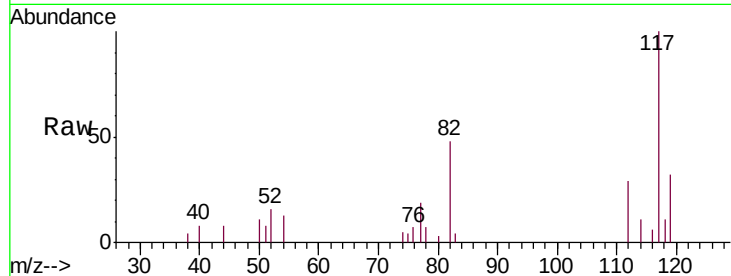




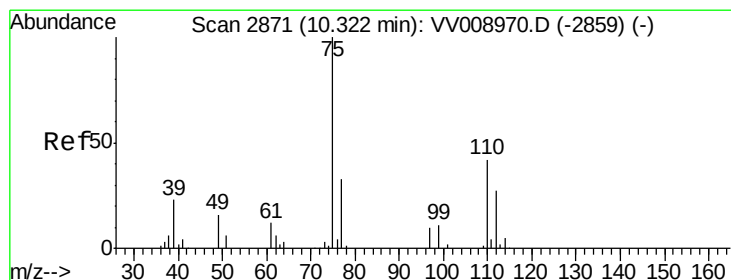
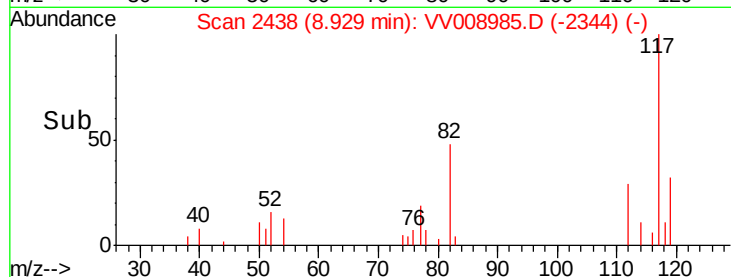
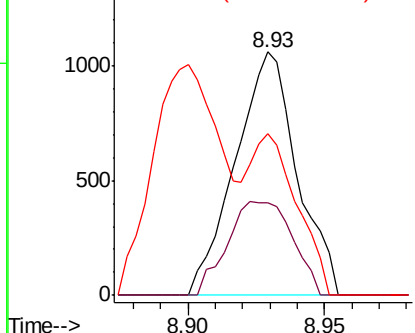
#51
Chlorobenzene
Concen: 0.440 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VV008985.D
Acq: 17 Dec 2018 17:41

Instrument :
MSVOA_V
ClientSampleId :
C0940

Tgt Ion: 112 Resp: 1660
Ion Ratio Lower Upper
112 100
114 37.9 22.3 41.5
77 66.4 45.2 67.8

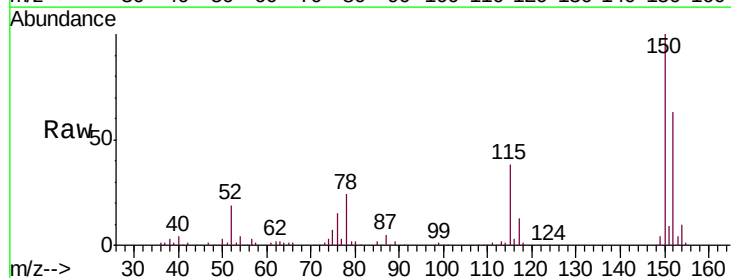


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V

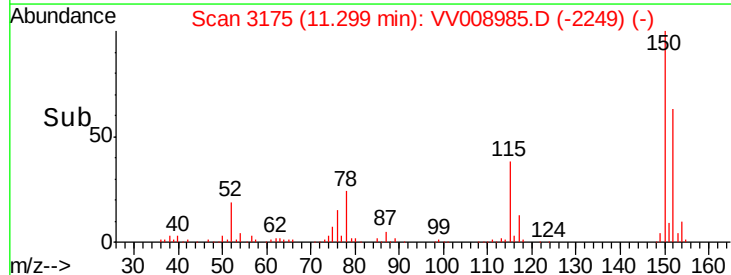
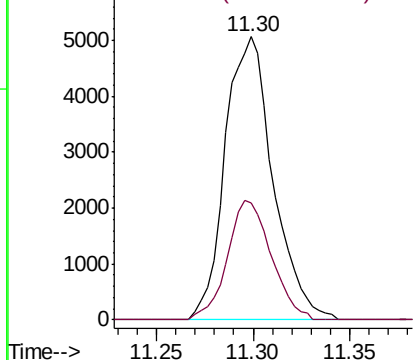


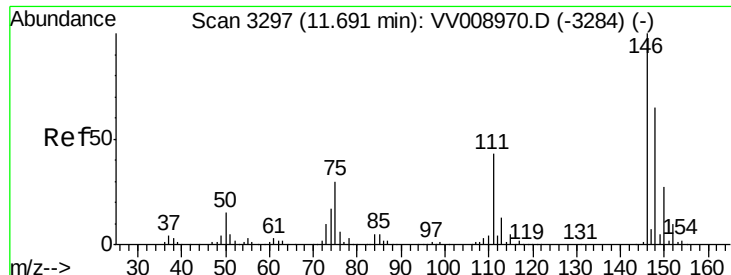
#59
1,2,3-Trichloropropane
Concen: 5.191 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV008985.D
Acq: 17 Dec 2018 17:41

Tgt Ion: 75 Resp: 8729
Ion Ratio Lower Upper
75 100
77 38.6 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0





#65
 1,2-Dichlorobenzene
 Concen: 0.771 ug/L
 RT: 11.70 min Scan# 3299
 Delta R.T. 0.01 min
 Lab File: VV008985.D
 Acq: 17 Dec 2018 17:41

Instrument :
 MSVOA_V
 ClientSampleId :
 C0940

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	32.8	49.2
148	56.5	50.5	75.7

