

Data File : VV008998.D
Acq On : 17 Dec 2018 22:53
Operator : SY/MD
Sample : J6422-01
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COLC5

Quant Time: Dec 18 03:42:18 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	197419	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	182767	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	77398	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53296	46.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.46%
7) Chloroethane-d5	1.57	69	40726	56.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.26%
11) 1,1-Dichloroethene-d2	2.13	63	103790	38.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.24%
21) 2-Butanone-d5	3.93	46	90217	117.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.20%
24) Chloroform-d	4.41	84	118486	48.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.34%
26) 1,2-Dichloroethane-d4	5.08	65	78612	50.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.34%
32) Benzene-d6	5.10	84	245624	49.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.74%
36) 1,2-Dichloropropane-d6	6.12	67	76167	51.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.92%
41) Toluene-d8	7.36	98	226352	48.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.92%
43) trans-1,3-Dichloropropene-	7.67	79	35665	47.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.02%
47) 2-Hexanone-d5	8.13	63	60115	109.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.74%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	90922	47.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.16%
64) 1,2-Dichlorobenzene-d4	11.68	152	78996	49.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.98%

Target Compounds

					Qvalue
9) Trichlorofluoromethane	2.13	101	1078	0.490 ug/L #	18
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1078	0.800 ug/L #	18
12) 1,1-Dichloroethene	2.13	96	1087	0.887 ug/L #	1
35) Methylcyclohexane	6.12	83	18938	8.781 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	8224	6.314 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1976	0.951 ug/L #	78
44) trans-1,3-Dichloropropene	7.67	75	1588	0.820 ug/L #	67
48) 2-Hexanone	8.18	43	2932	2.340 ug/L #	76
59) 1,2,3-Trichloropropane	11.30	75	8289	5.053 ug/L	92

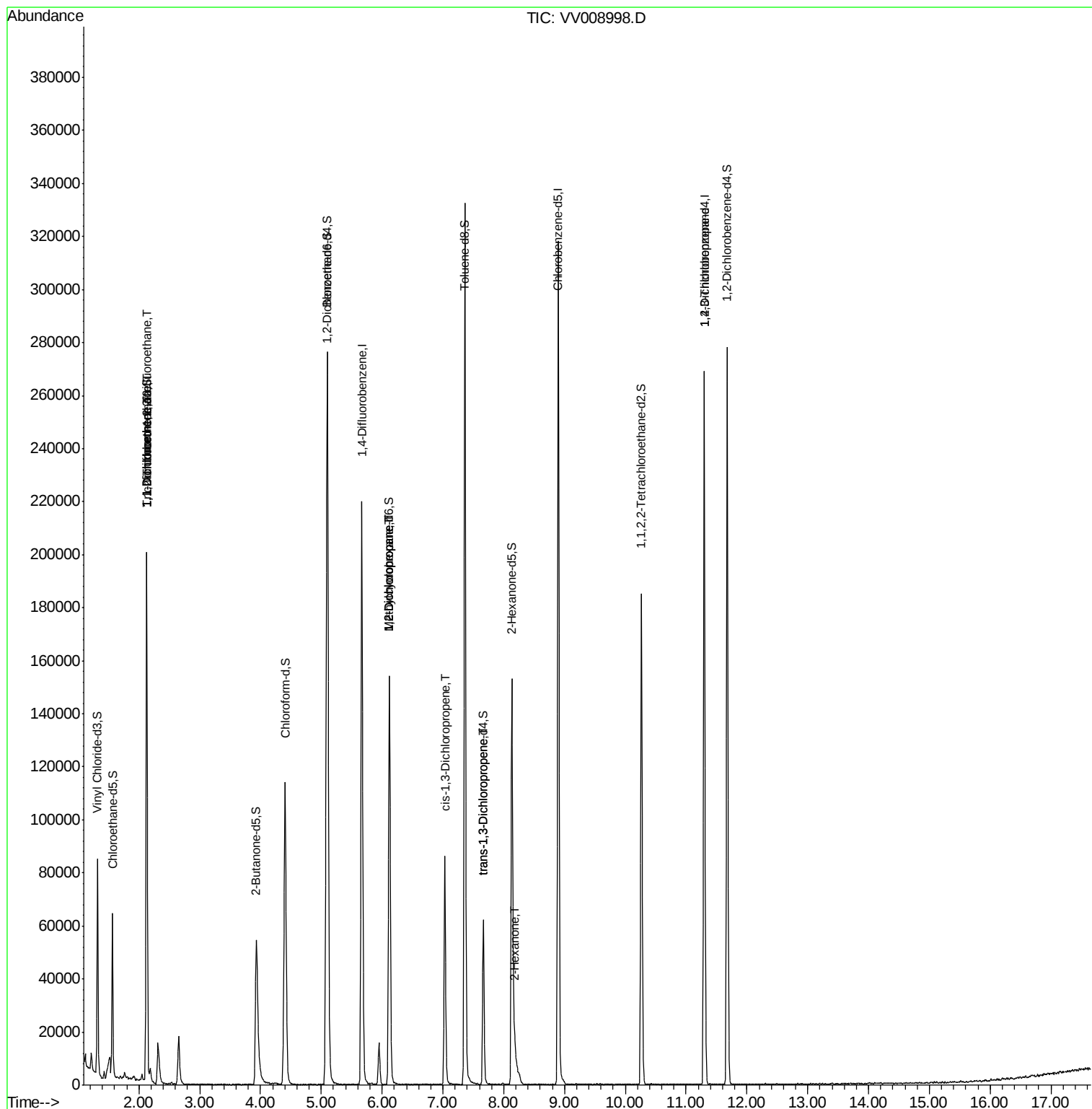
(#) = qualifier out of range (m) = manual integration (+) = signals summed

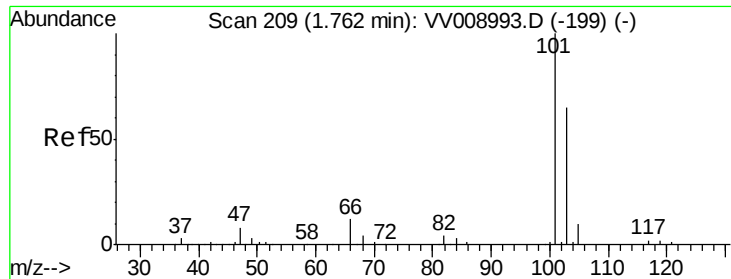
Data File : VV008998.D

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ALS Vial    : 31   Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
C0LC5

Quant Time: Dec 18 03:42:18 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: 0.490 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.37 min

Lab File: VV008998.D

Acq: 17 Dec 2018 22:53

Instrument :

MSVOA_V

ClientSampleId :

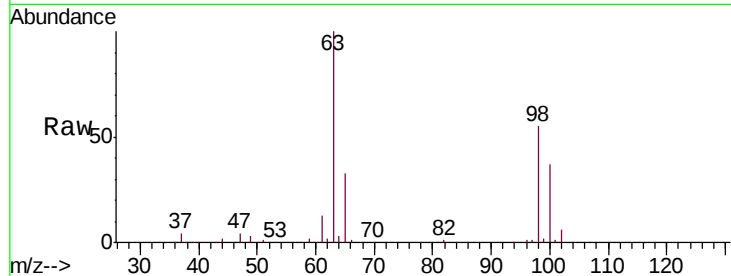
C0LC5

Tgt Ion:101 Resp: 1078

Ion Ratio Lower Upper

101 100

103 0.0 51.5 77.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

800

600

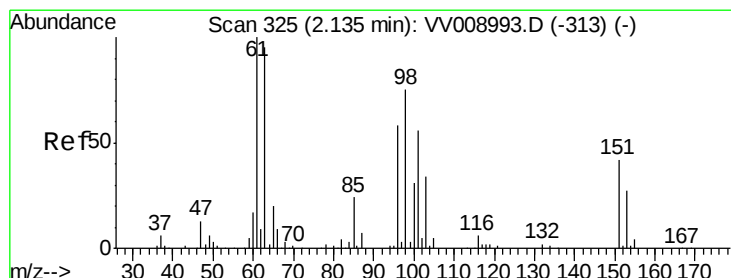
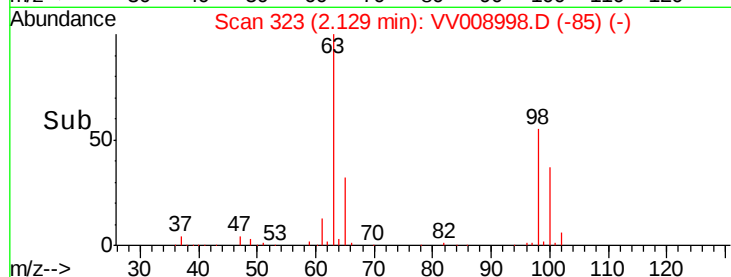
400

200

0

2.10 2.12 2.14 2.16

Time-->



#10

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

Concen: 0.800 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008998.D

Acq: 17 Dec 2018 22:53

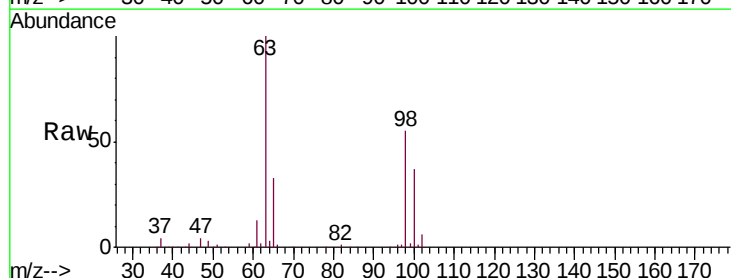
Tgt Ion:101 Resp: 1078

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

1000

800

600

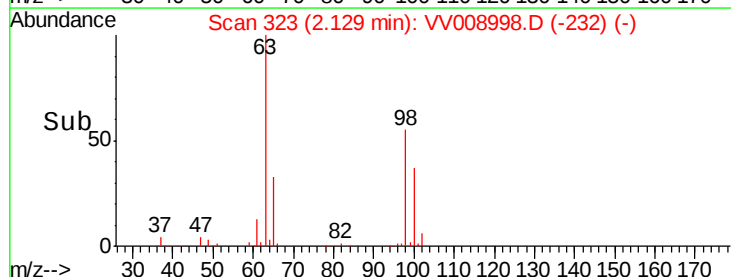
400

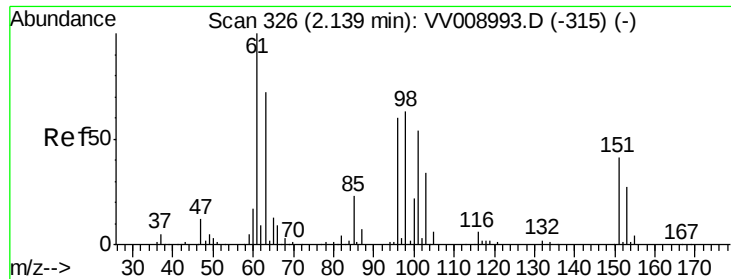
200

0

2.10 2.12 2.14 2.16

Time-->

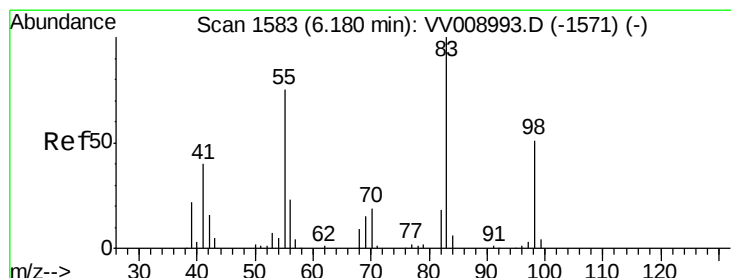
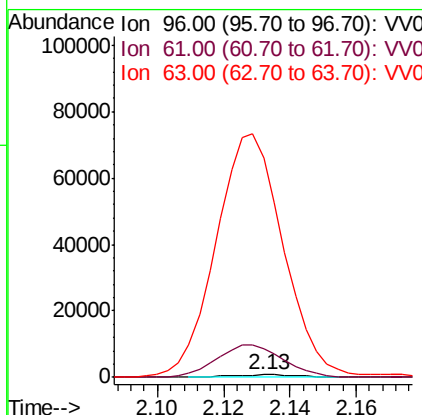
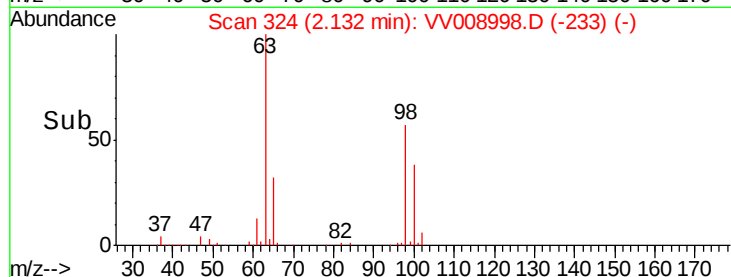
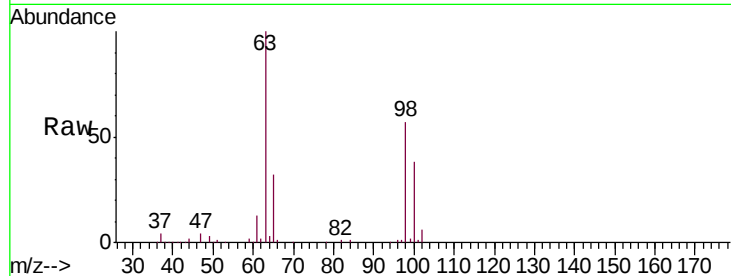




#12
 1,1-Dichloroethene
 Concen: 0.887 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.01 min
 Lab File: VV008998.D
 Acq: 17 Dec 2018 22:53

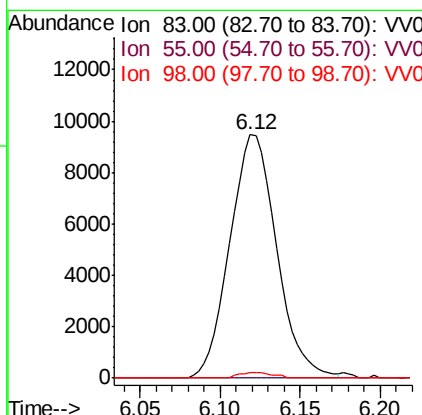
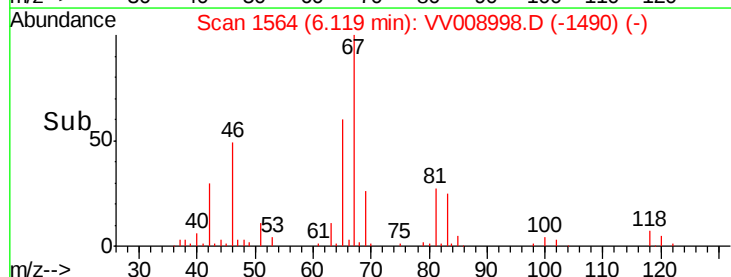
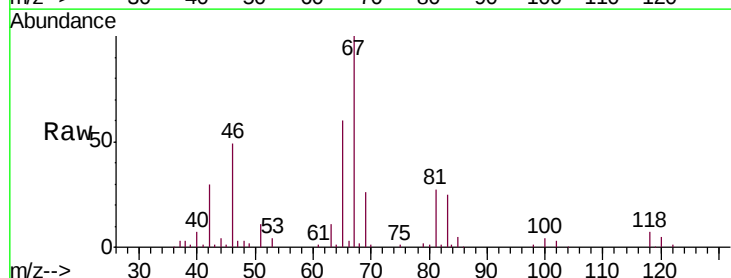
Instrument :
 MSVOA_V
 ClientSampleId :
 COLC5

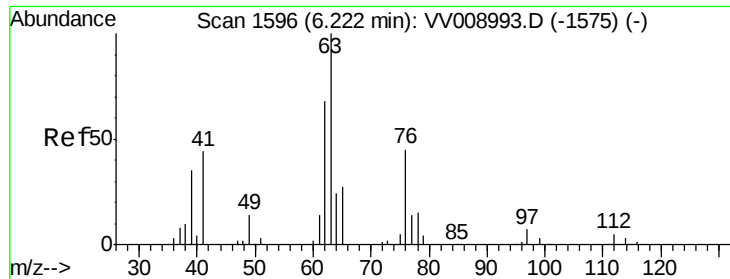
Tgt Ion: 96 Resp: 1087
 Ion Ratio Lower Upper
 96 100
 61 1183.2 119.1 221.3#
 63 8881.8 96.0 178.2#



#35
 Methylcyclohexane
 Concen: 8.781 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.06 min
 Lab File: VV008998.D
 Acq: 17 Dec 2018 22:53

Tgt Ion: 83 Resp: 18938
 Ion Ratio Lower Upper
 83 100
 55 0.0 57.8 86.8#
 98 1.5 39.0 58.4#

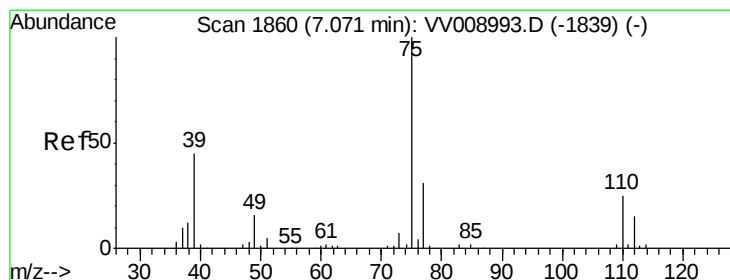
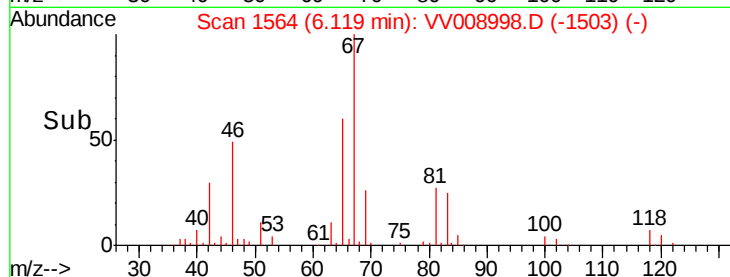
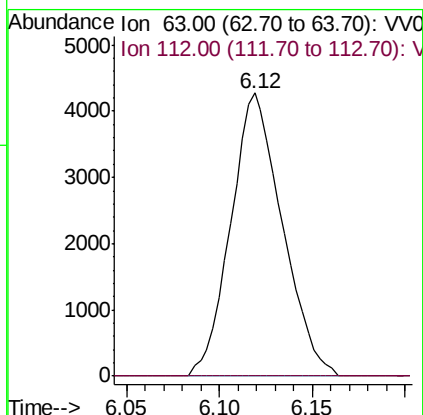
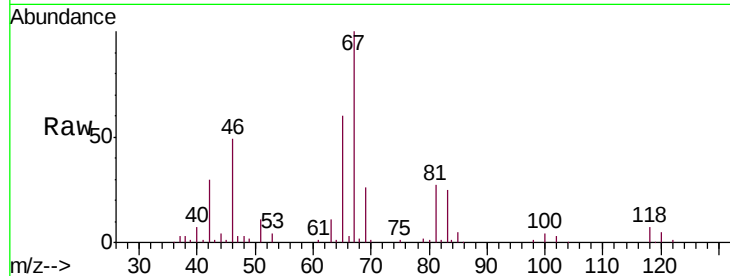




#37
 1,2-Dichloropropane
 Concen: 6.314 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV008998.D
 Acq: 17 Dec 2018 22:53

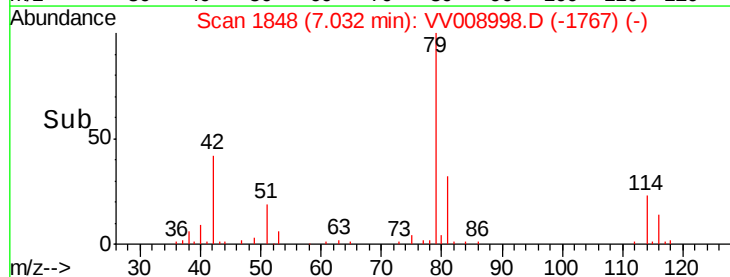
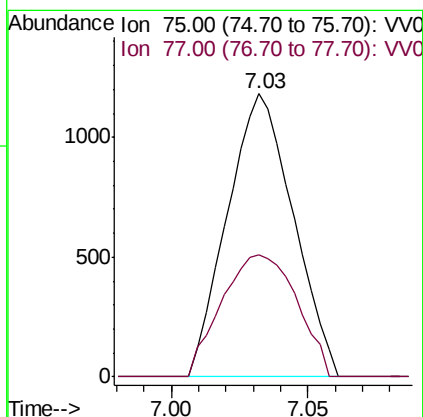
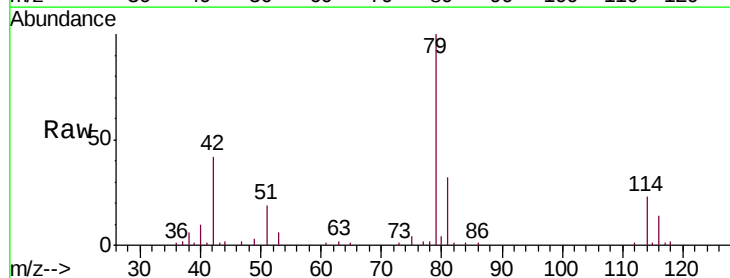
Instrument :
 MSVOA_V
 ClientSampleId :
 COLC5

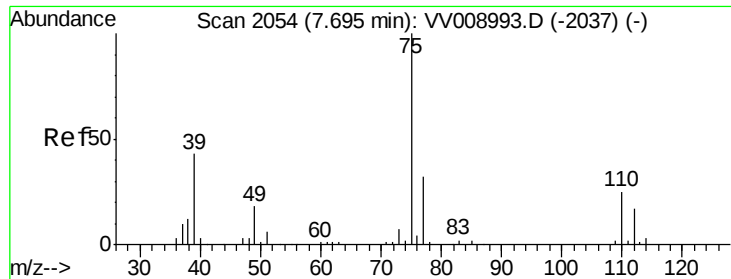
Tgt Ion: 63 Resp: 8224
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.951 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008998.D
 Acq: 17 Dec 2018 22:53

Tgt Ion: 75 Resp: 1976
 Ion Ratio Lower Upper
 75 100
 77 43.1 21.8 40.4#





#44

trans-1,3-Dichloropropene

Concen: 0.820 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008998.D

Acq: 17 Dec 2018 22:53

Instrument :

MSVOA_V

ClientSampled :

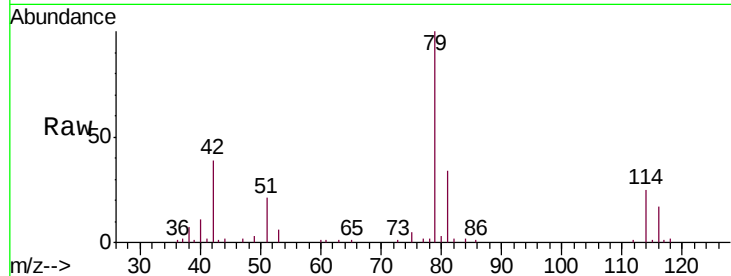
C0LC5

Tgt Ion: 75 Resp: 1588

Ion Ratio Lower Upper

75 100

77 48.9 21.6 40.2#

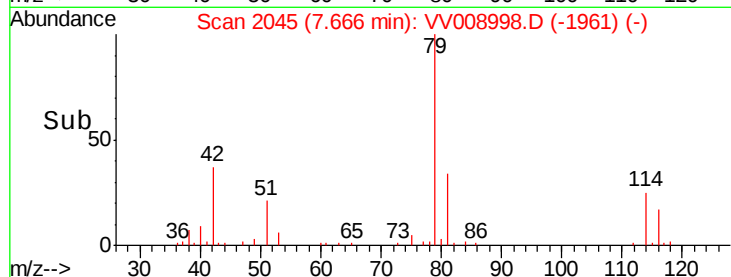


Abundance Ion 75.00 (74.70 to 75.70): VV008998.D (-2037) (-)

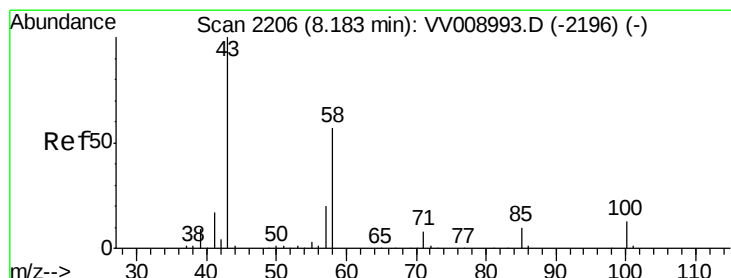
Ion 77.00 (76.70 to 77.70): VV008998.D (-2037) (-)

7.67

7.65 7.70



Time-->



#48

2-Hexanone

Concen: 2.340 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. -0.00 min

Lab File: VV008998.D

Acq: 17 Dec 2018 22:53

Tgt Ion: 43 Resp: 2932

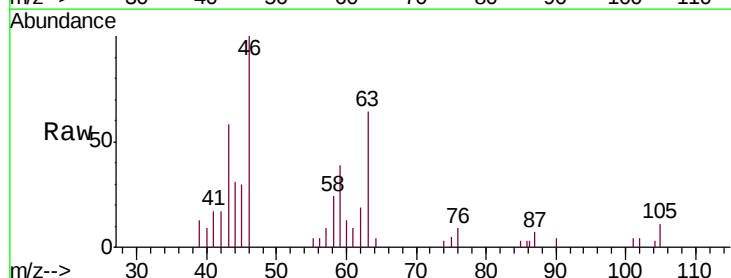
Ion Ratio Lower Upper

43 100

58 66.7 42.7 64.1#

57 2.6 15.7 23.5#

100 2.5 11.3 16.9#



Abundance Ion 43.00 (42.70 to 43.70): VV008998.D (-2196) (-)

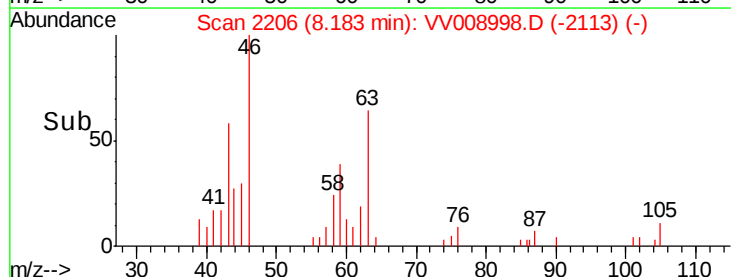
Ion 58.00 (57.70 to 58.70): VV008998.D (-2196) (-)

Ion 57.00 (56.70 to 57.70): VV008998.D (-2196) (-)

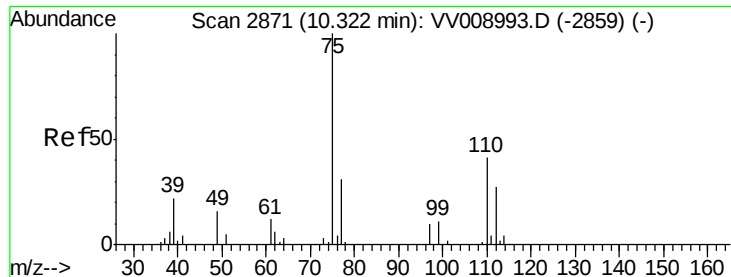
Ion 100.00 (99.70 to 100.70): VV008998.D (-2196) (-)

8.18

8.16 8.24



Time-->



#59

1,2,3-Trichloropropane

Concen: 5.053 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV008998.D

Acq: 17 Dec 2018 22:53

Instrument :

MSVOA_V

ClientSampleId :

C0LC5

Tgt Ion: 75 Resp: 8289

Ion Ratio Lower Upper

75 100

77 36.8 25.8 38.8

