

Data File : VV008991.D
Acq On : 17 Dec 2018 20:05
Operator : SY/MD
Sample : J6387-20
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COLC3

Quant Time: Dec 18 01:53:07 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	199204	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	185095	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	77899	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54280	46.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.32%
7) Chloroethane-d5	1.56	69	40111	54.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.58%
11) 1,1-Dichloroethene-d2	2.13	63	107285	39.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.10%
21) 2-Butanone-d5	3.93	46	88119	113.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.45%
24) Chloroform-d	4.41	84	118100	47.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.16%
26) 1,2-Dichloroethane-d4	5.08	65	81209	51.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.72%
32) Benzene-d6	5.10	84	249705	50.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.12%
36) 1,2-Dichloropropane-d6	6.12	67	75028	50.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.12%
41) Toluene-d8	7.36	98	229727	49.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.12%
43) trans-1,3-Dichloropropene-	7.67	79	35791	47.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.16%
47) 2-Hexanone-d5	8.13	63	56604	102.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.04%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	91993	47.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.08%
64) 1,2-Dichlorobenzene-d4	11.68	152	81776	50.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

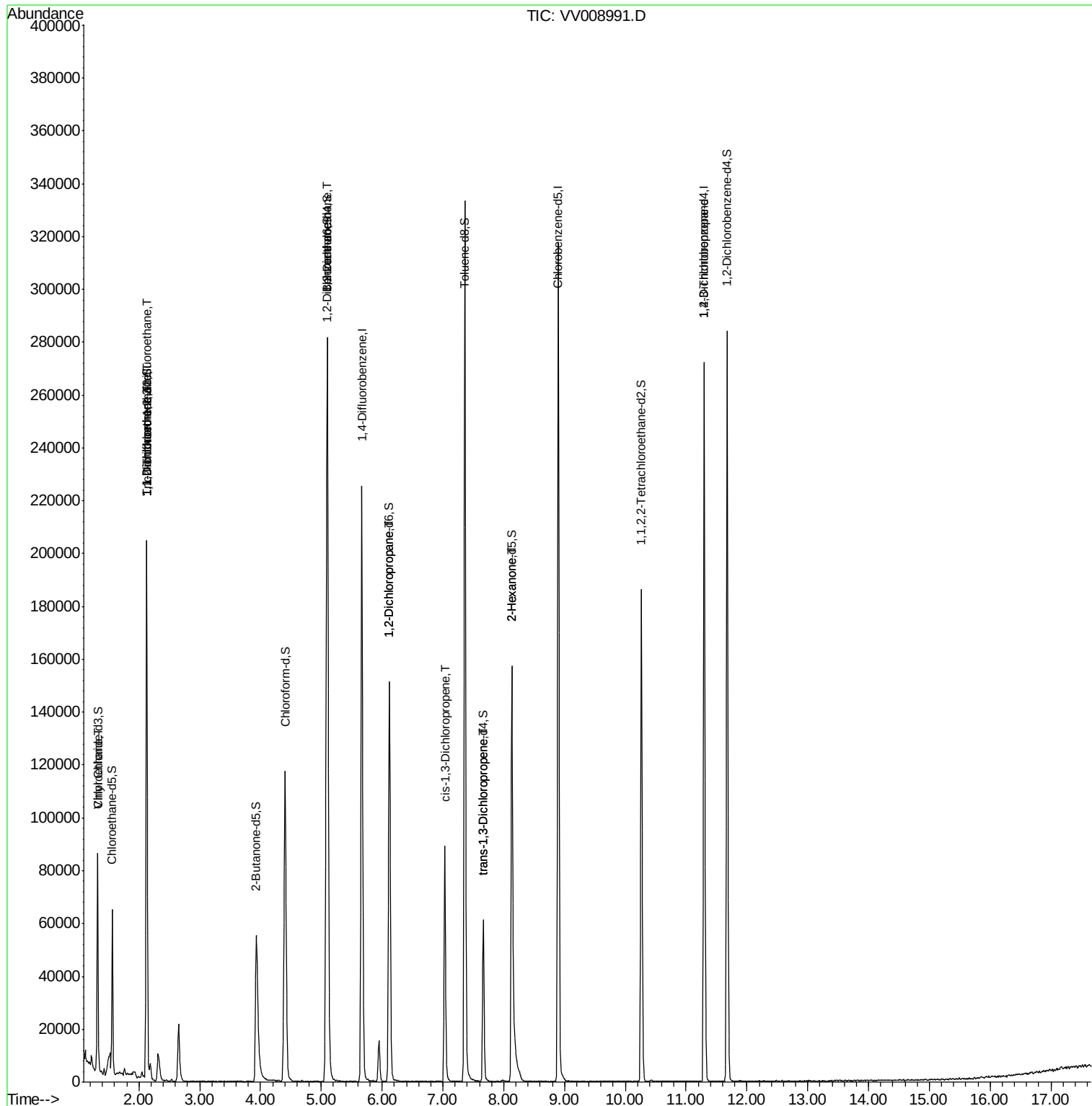
					Qvalue	
8) Chloroethane	1.32	64	1103	1.763	ug/L #	1
9) Trichlorofluoromethane	2.13	101	1047	0.471	ug/L #	18
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1047	0.770	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	733	0.593	ug/L #	1
27) 1,2-Dichloroethane	5.10	62	1372	0.717	ug/L #	74
37) 1,2-Dichloropropane	6.12	63	8764	6.644	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2211	1.051	ug/L #	60
44) trans-1,3-Dichloropropene	7.66	75	1448	0.738	ug/L	87
48) 2-Hexanone	8.13	43	6747	5.316	ug/L #	71
59) 1,2,3-Trichloropropane	11.30	75	8222	4.949	ug/L	89

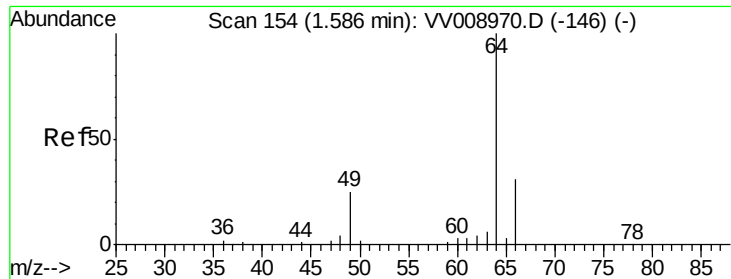
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV008991.D
Acq On : 17 Dec 2018 20:05
Operator : SY/MD
Sample : J6387-20
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0LC3

Quant Time: Dec 18 01:53:07 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





#8

Chloroethane

Concen: 1.763 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.26 min

Lab File: VV008991.D

Acq: 17 Dec 2018 20:05

Instrument :

MSVOA_V

ClientSampleId :

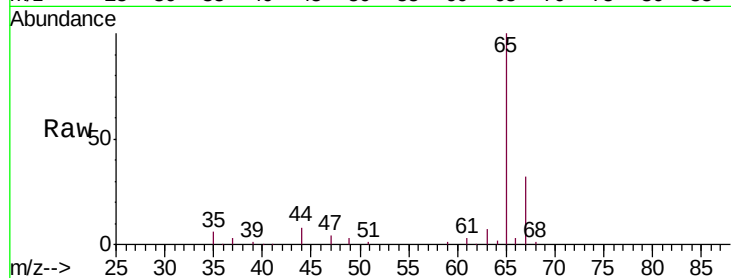
C0LC3

Tgt Ion: 64 Resp: 1103

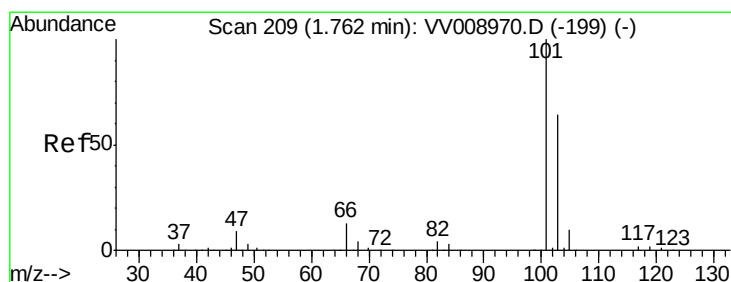
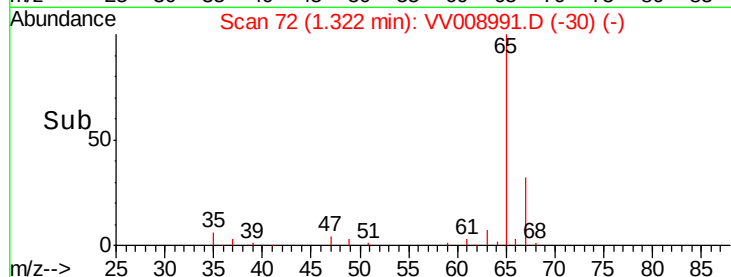
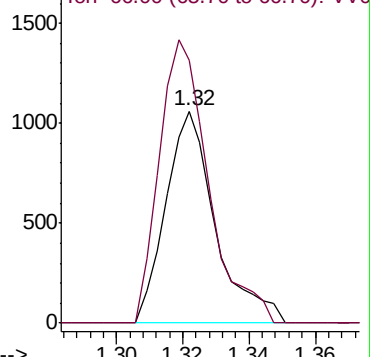
Ion Ratio Lower Upper

64 100

66 124.2 21.8 40.4#



Abundance Ion 64.00 (63.70 to 64.70): VV008991.D (-30) (-)



#9

Trichlorofluoromethane

Concen: 0.471 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.37 min

Lab File: VV008991.D

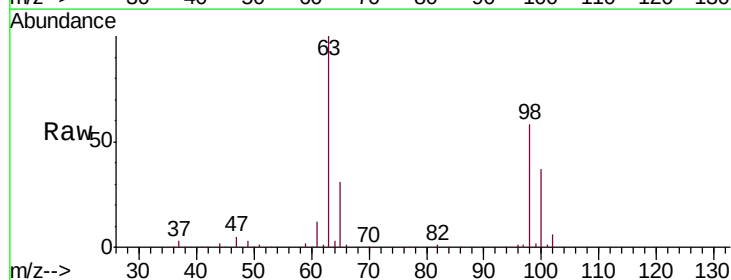
Acq: 17 Dec 2018 20:05

Tgt Ion: 101 Resp: 1047

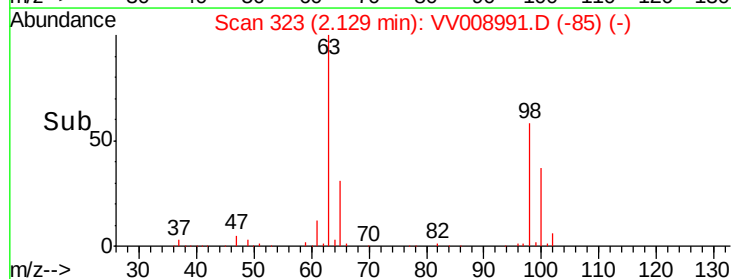
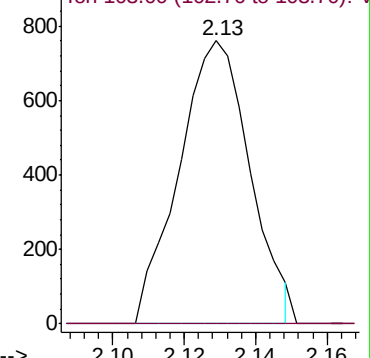
Ion Ratio Lower Upper

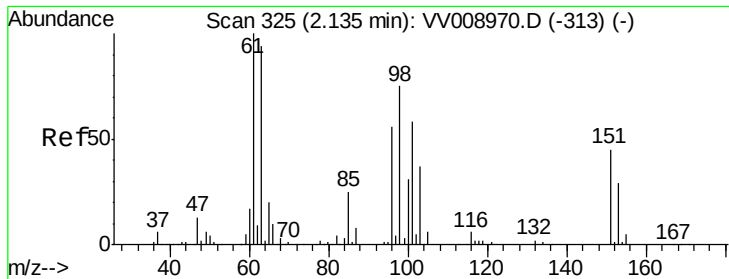
101 100

103 0.0 51.5 77.3#



Abundance Ion 101.00 (100.70 to 101.70): VV008991.D (-85) (-)





#10

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

Concen: 0.770 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008991.D

Acq: 17 Dec 2018 20:05

Instrument :

MSVOA_V

ClientSampleId :

C0LC3

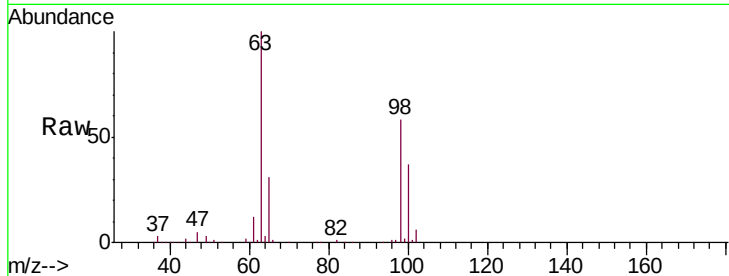
Tgt Ion: 101 Resp: 1047

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

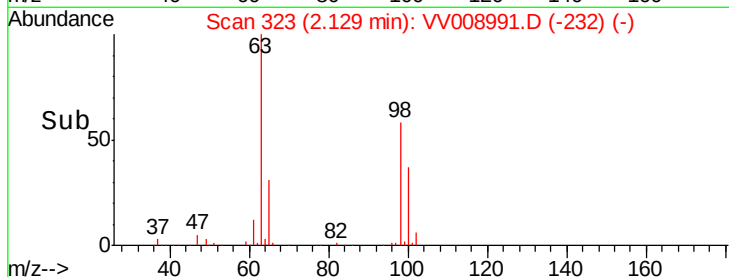
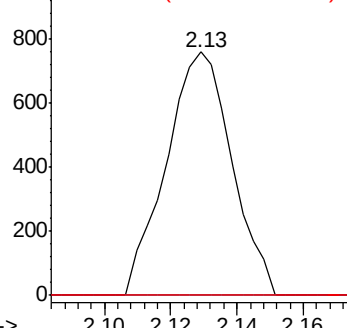
151 0.0 63.8 95.8#



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: 0.593 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008991.D

Acq: 17 Dec 2018 20:05

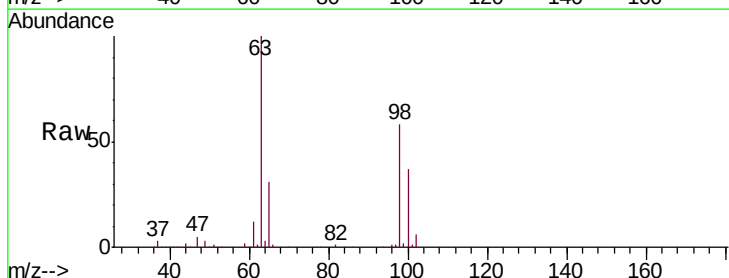
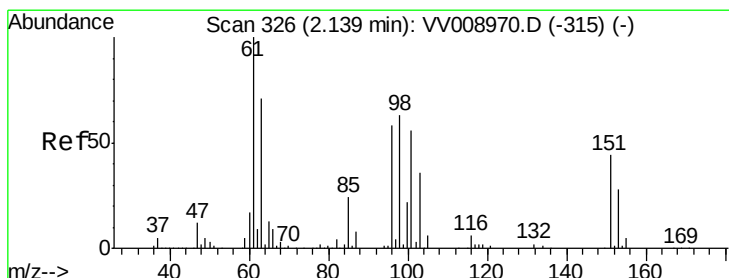
Tgt Ion: 96 Resp: 733

Ion Ratio Lower Upper

96 100

61 1671.4 119.1 221.3#

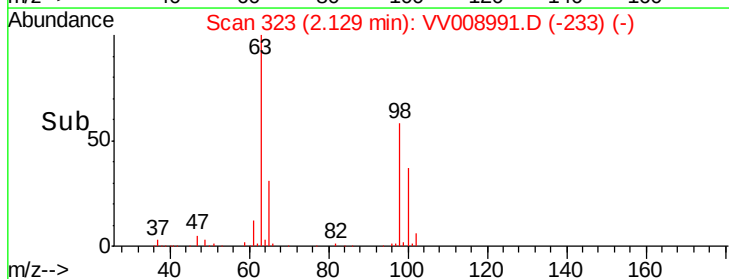
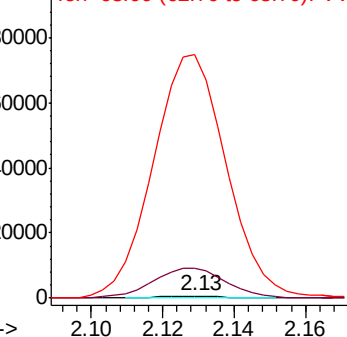
63 13553.6 96.0 178.2#

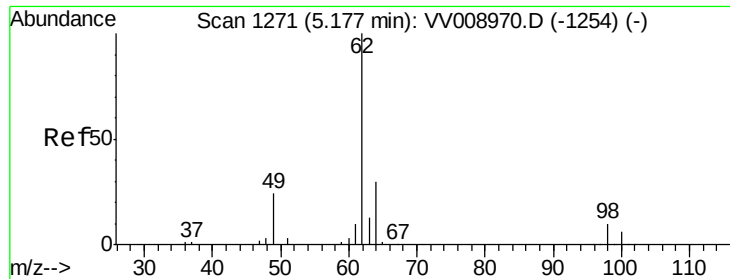


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

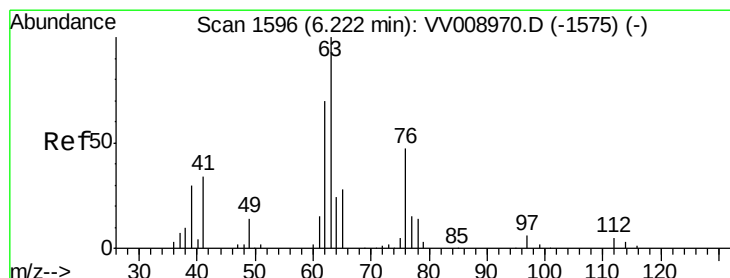
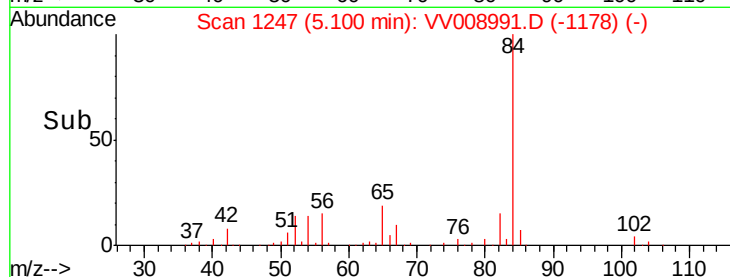
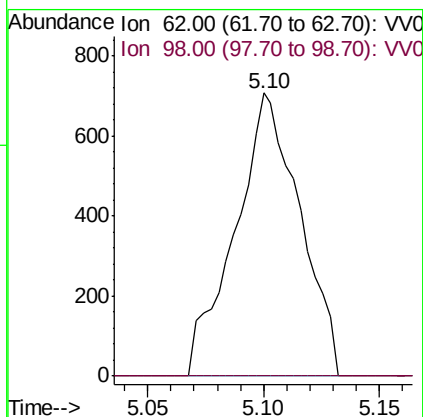
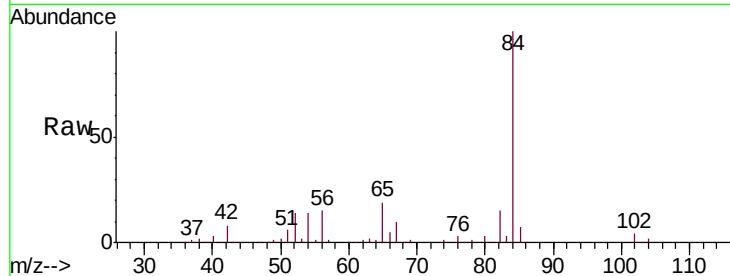




#27
 1,2-Dichloroethane
 Concen: 0.717 ug/L
 RT: 5.10 min Scan# 1247
 Delta R.T. -0.08 min
 Lab File: VV008991.D
 Acq: 17 Dec 2018 20:05

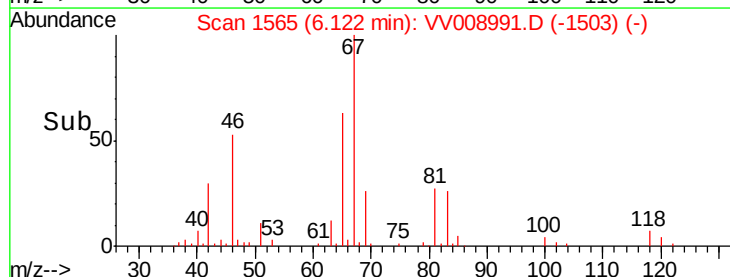
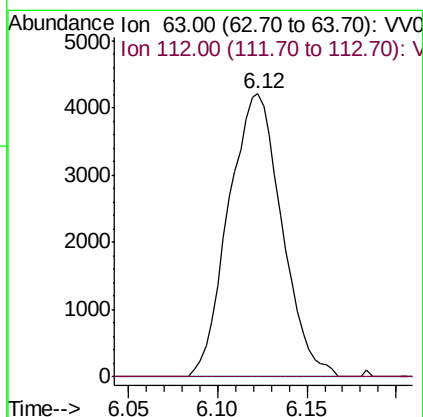
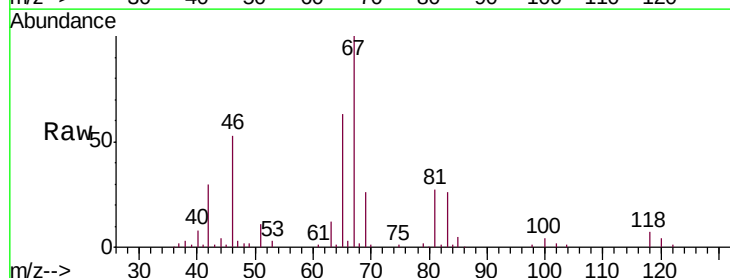
Instrument :
 MSVOA_V
 ClientSampleId :
 COLC3

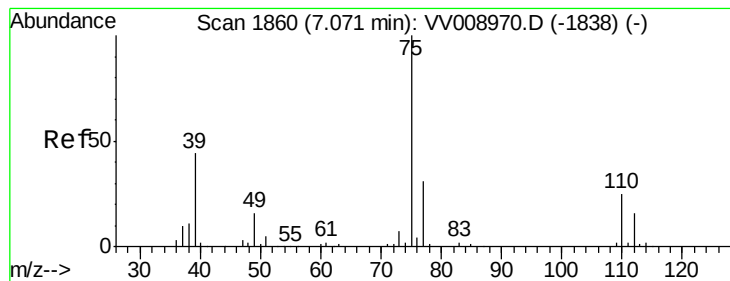
Tgt Ion: 62 Resp: 1372
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.5 11.3#



#37
 1,2-Dichloropropane
 Concen: 6.644 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008991.D
 Acq: 17 Dec 2018 20:05

Tgt Ion: 63 Resp: 8764
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 1.051 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008991.D

Acq: 17 Dec 2018 20:05

Instrument :

MSVOA_V

ClientSampled :

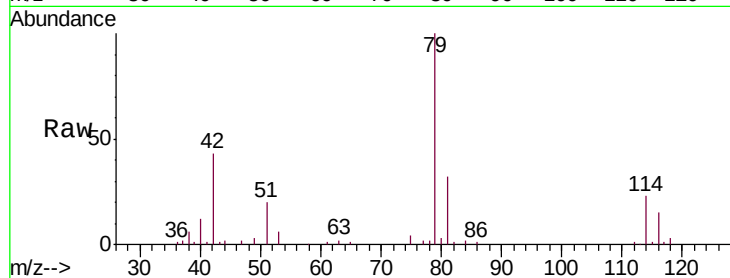
C0LC3

Tgt Ion: 75 Resp: 2211

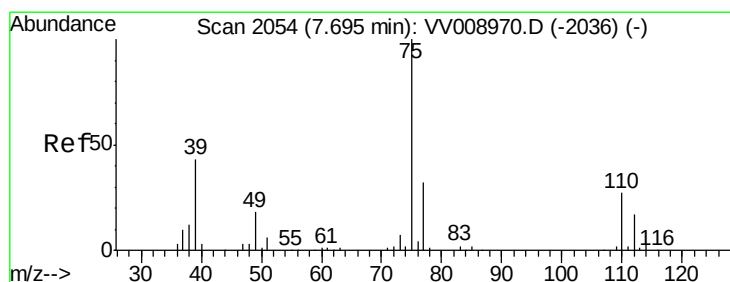
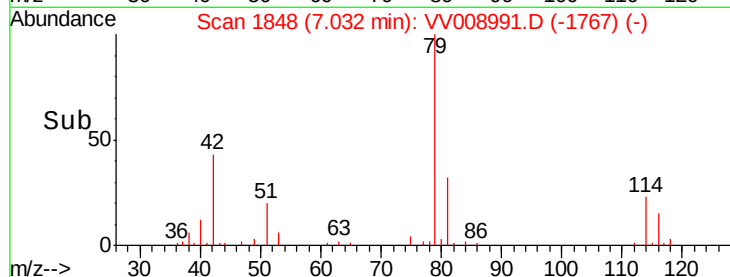
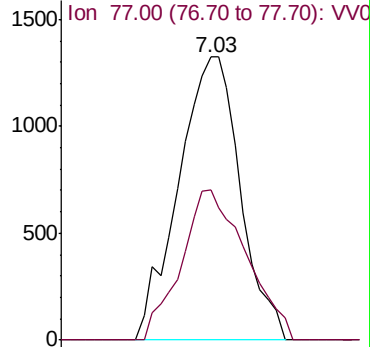
Ion Ratio Lower Upper

75 100

77 53.0 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VV008991.D (-1767) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.738 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.04 min

Lab File: VV008991.D

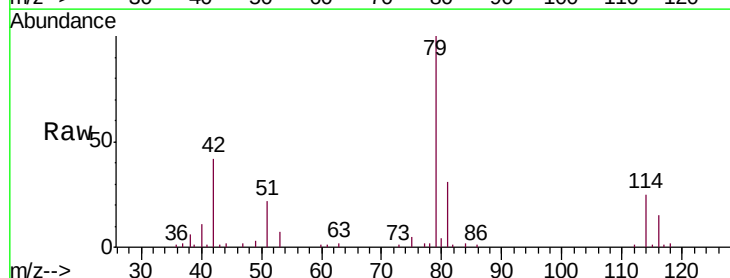
Acq: 17 Dec 2018 20:05

Tgt Ion: 75 Resp: 1448

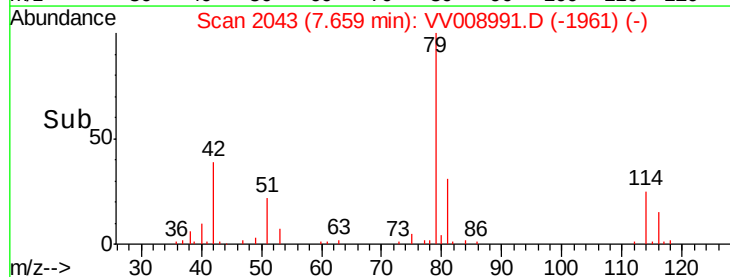
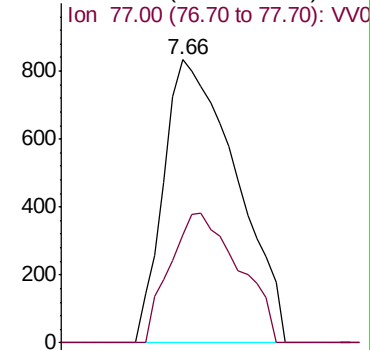
Ion Ratio Lower Upper

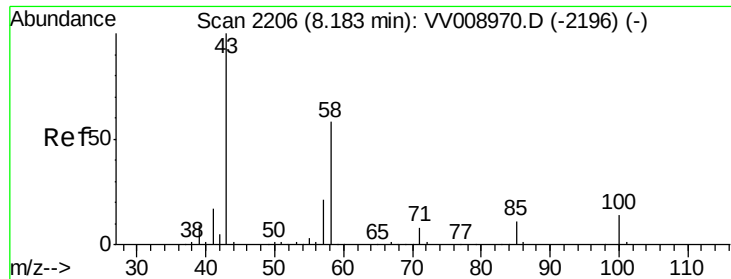
75 100

77 38.3 21.6 40.2



Abundance Ion 75.00 (74.70 to 75.70): VV008991.D (-1961) (-)

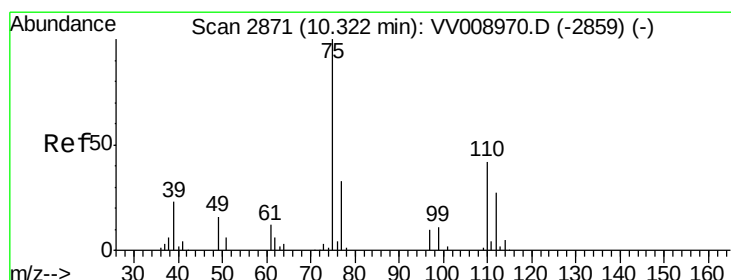
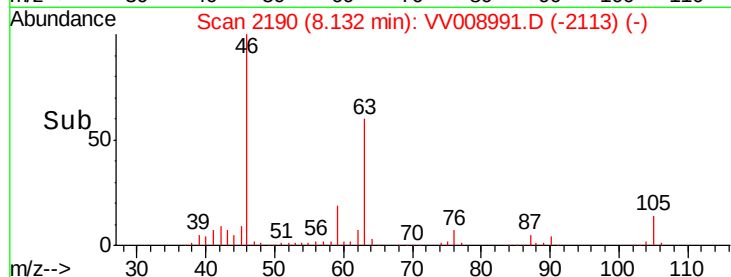
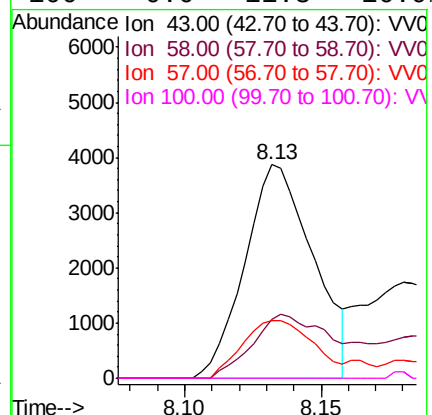
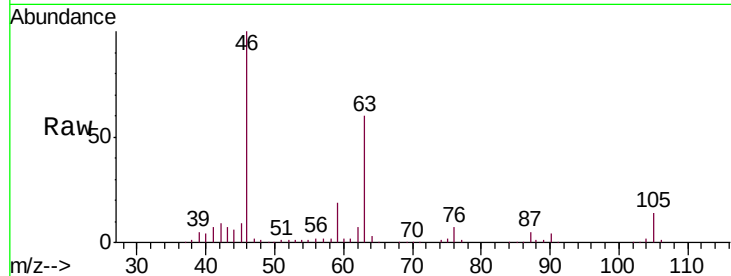




#48
 2-Hexanone
 Concen: 5.316 ug/L
 RT: 8.13 min Scan# 2190
 Delta R.T. -0.05 min
 Lab File: VV008991.D
 Acq: 17 Dec 2018 20:05

Instrument :
 MSVOA_V
 ClientSampleId :
 COLC3

Tgt Ion: 43 Resp: 6747
 Ion Ratio Lower Upper
 43 100
 58 31.6 42.7 64.1#
 57 28.0 15.7 23.5#
 100 0.0 11.3 16.9#



#59
 1,2,3-Trichloropropane
 Concen: 4.949 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.97 min
 Lab File: VV008991.D
 Acq: 17 Dec 2018 20:05

Tgt Ion: 75 Resp: 8222
 Ion Ratio Lower Upper
 75 100
 77 38.4 25.8 38.8

