

Data File : VV008997.D
Acq On : 17 Dec 2018 22:29
Operator : SY/MD
Sample : J6383-07
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Dec 18 03:42:08 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	200284	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	186024	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	78742	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54309	46.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.86%
7) Chloroethane-d5	1.56	69	47944	65.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	130.26%#
11) 1,1-Dichloroethene-d2	2.13	63	105098	38.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.10%
21) 2-Butanone-d5	3.93	46	90562	115.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.97%
24) Chloroform-d	4.41	84	118816	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.22%
26) 1,2-Dichloroethane-d4	5.08	65	80838	50.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.70%
32) Benzene-d6	5.10	84	249930	49.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.72%
36) 1,2-Dichloropropane-d6	6.12	67	74802	49.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.32%
41) Toluene-d8	7.36	98	229189	48.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	7.67	79	35288	46.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.38%
47) 2-Hexanone-d5	8.13	63	57712	103.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.51%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	92127	47.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.74%
64) 1,2-Dichlorobenzene-d4	11.68	152	81717	50.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.64%

Target Compounds

					Qvalue
9) Trichlorofluoromethane	2.13	101	961	0.430 ug/L #	18
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	961	0.703 ug/L #	18
12) 1,1-Dichloroethene	2.13	96	833	0.670 ug/L #	1
35) Methylcyclohexane	6.12	83	18672	8.506 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	8392	6.330 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2275	1.076 ug/L #	74
44) trans-1,3-Dichloropropene	7.66	75	1376	0.698 ug/L #	71
48) 2-Hexanone	8.13	43	6435	5.045 ug/L #	60
59) 1,2,3-Trichloropropane	11.30	75	8221	4.924 ug/L #	86

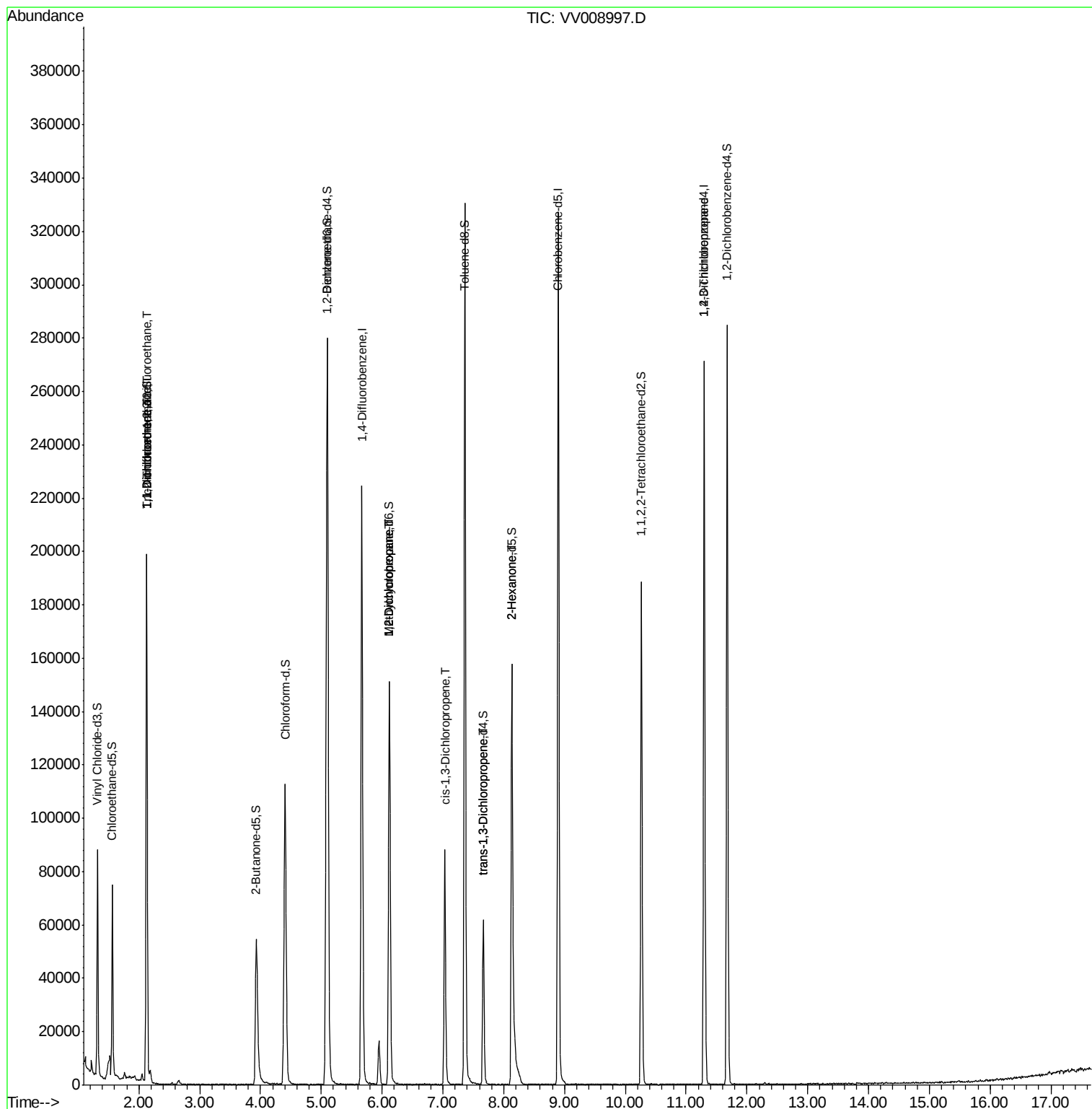
(#) = qualifier out of range (m) = manual integration (+) = signals summed

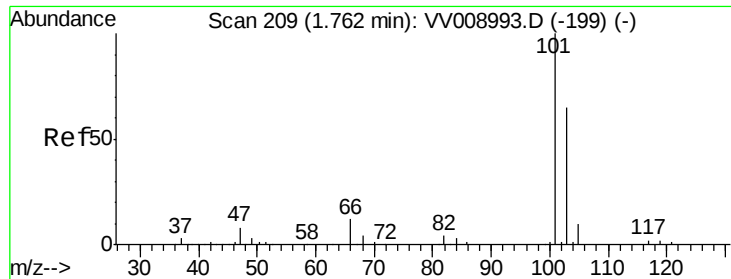
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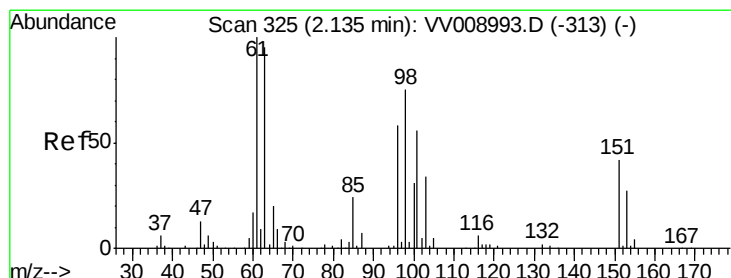
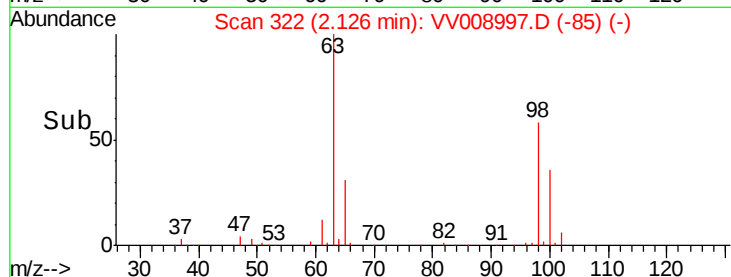
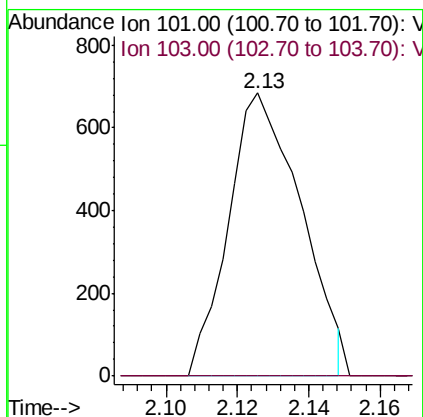
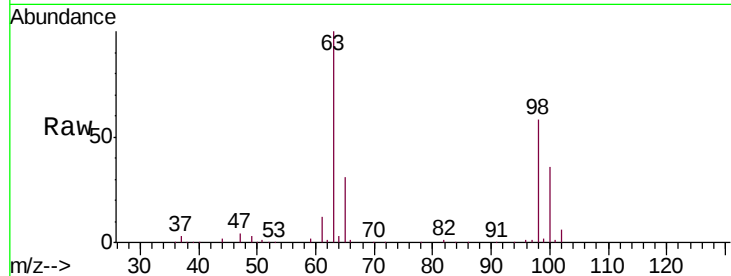


#9

Trichlorofluoromethane
 Concen: 0.430 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. 0.36 min
 Lab File: VV008997.D
 Acq: 17 Dec 2018 22:29

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

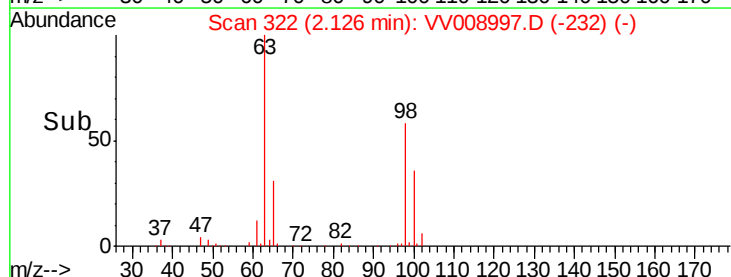
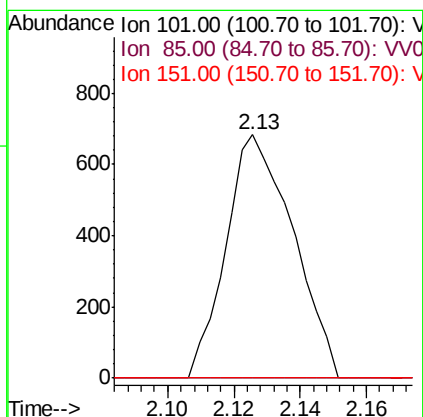
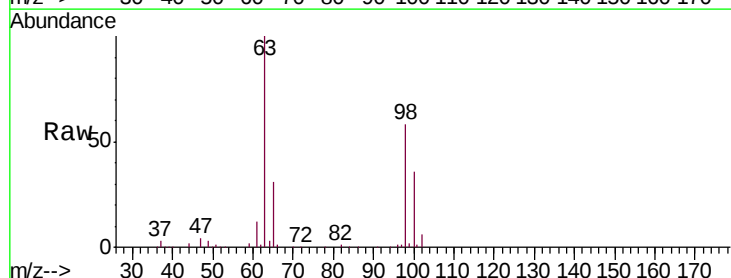
Tgt Ion:101 Resp: 961
 Ion Ratio Lower Upper
 101 100
 103 0.0 51.5 77.3#

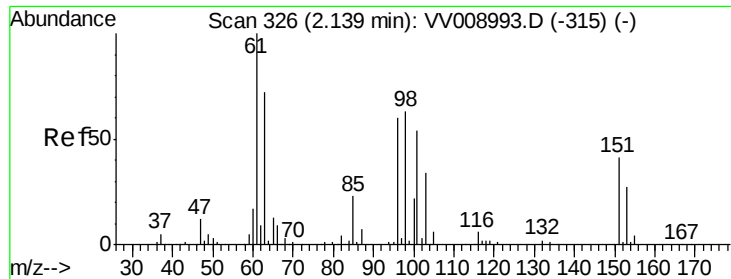


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.703 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV008997.D
 Acq: 17 Dec 2018 22:29

Tgt Ion:101 Resp: 961
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 0.0 63.8 95.8#

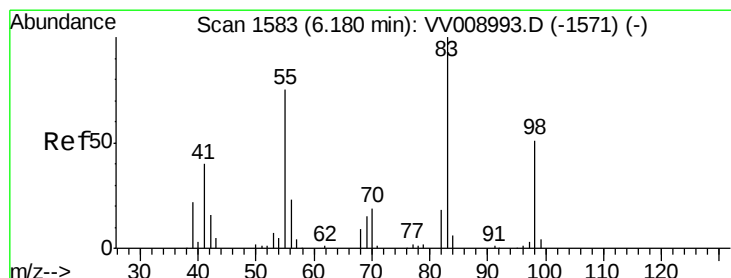
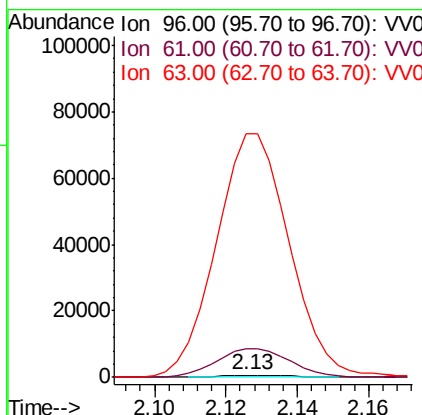
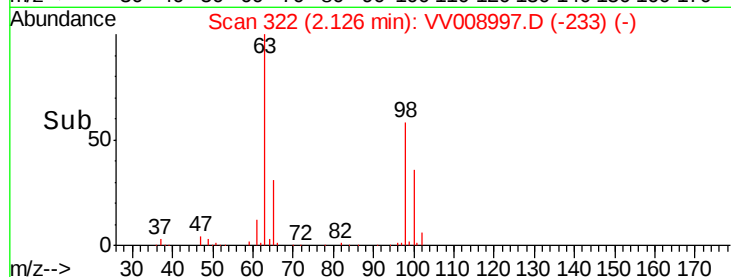
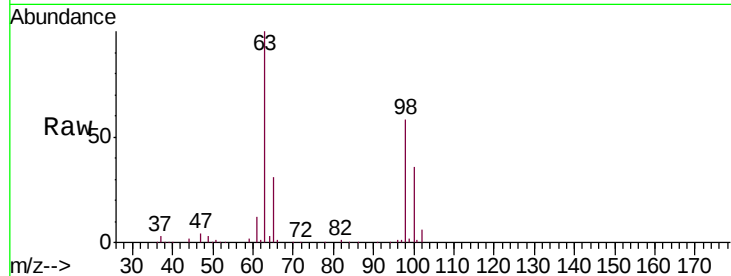




#12
 1,1-Dichloroethene
 Concen: 0.670 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV008997.D
 Acq: 17 Dec 2018 22:29

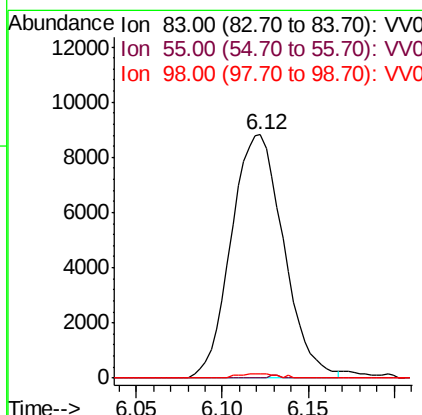
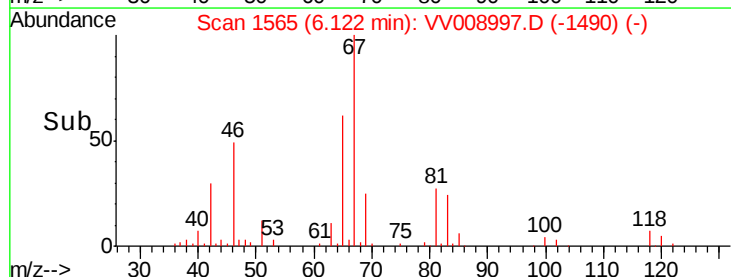
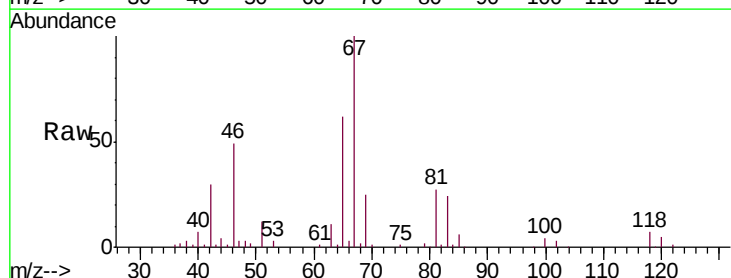
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

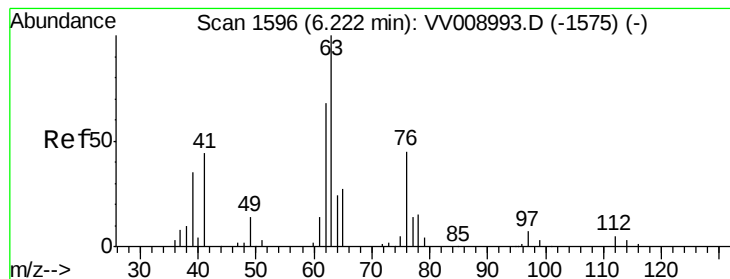
Tgt Ion: 96 Resp: 833
 Ion Ratio Lower Upper
 96 100
 61 1380.7 119.1 221.3#
 63 11756.0 96.0 178.2#



#35
 Methylcyclohexane
 Concen: 8.506 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.06 min
 Lab File: VV008997.D
 Acq: 17 Dec 2018 22:29

Tgt Ion: 83 Resp: 18672
 Ion Ratio Lower Upper
 83 100
 55 0.0 57.8 86.8#
 98 0.8 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 6.330 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV008997.D

Acq: 17 Dec 2018 22:29

Instrument :

MSVOA_V

ClientSampleId :

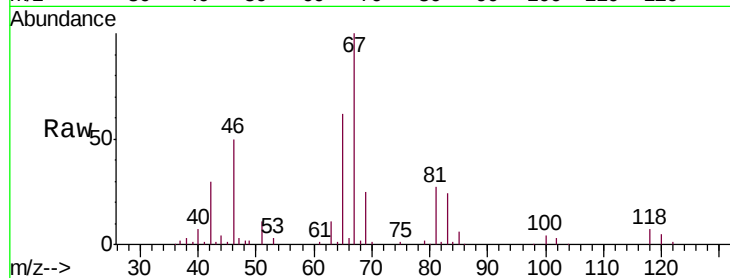
VHBLK01

Tgt Ion: 63 Resp: 8392

Ion Ratio Lower Upper

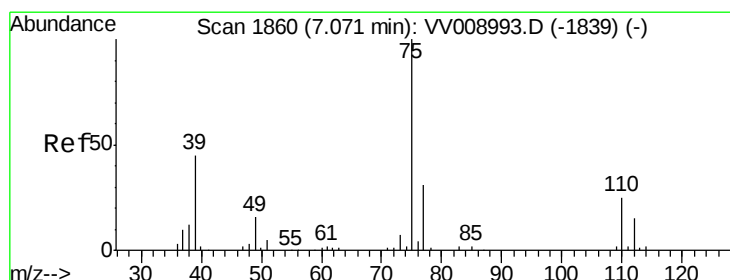
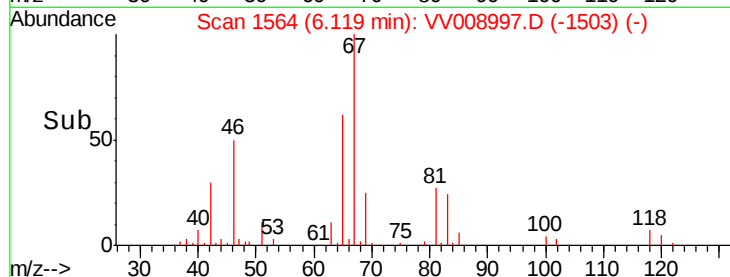
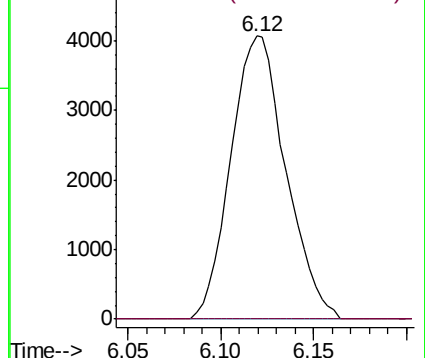
63 100

112 0.0 3.8 5.6#



Abundance Ion 63.00 (62.70 to 63.70): VV008997.D (-1564) (-)

Ion 112.00 (111.70 to 112.70): VV008997.D (-1564) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.076 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV008997.D

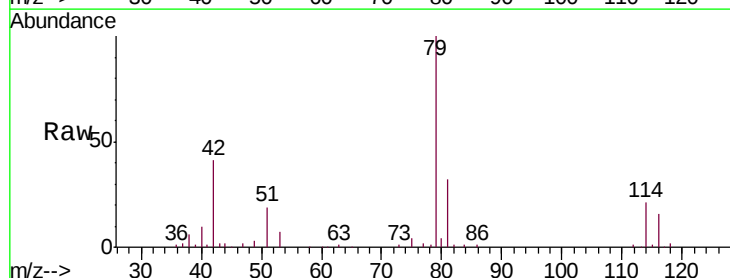
Acq: 17 Dec 2018 22:29

Tgt Ion: 75 Resp: 2275

Ion Ratio Lower Upper

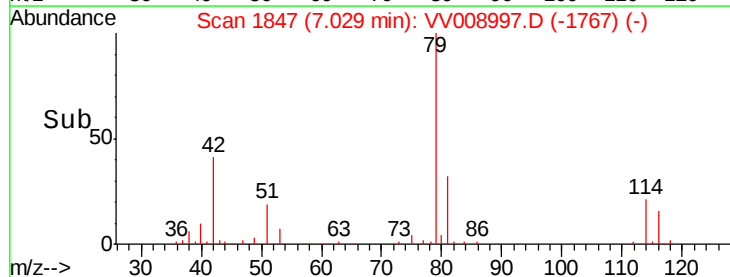
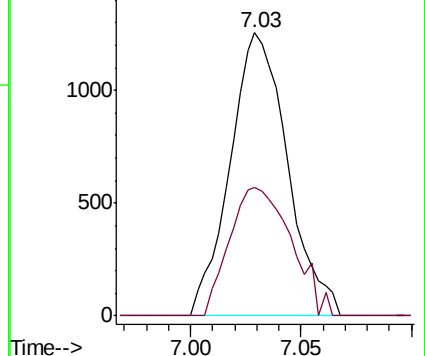
75 100

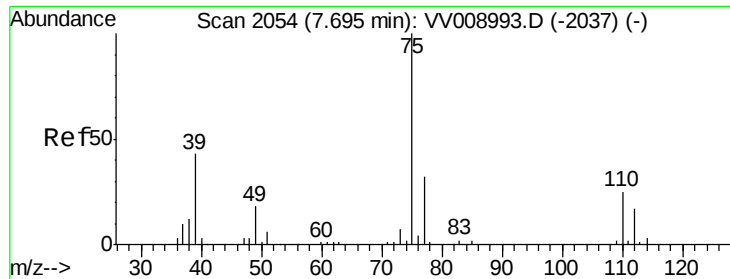
77 45.5 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VV008997.D (-1847) (-)

Ion 77.00 (76.70 to 77.70): VV008997.D (-1847) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.698 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV008997.D

Acq: 17 Dec 2018 22:29

Instrument :

MSVOA_V

ClientSampleId :

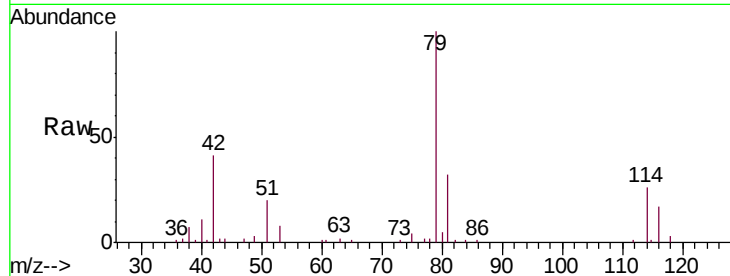
VHBLK01

Tgt Ion: 75 Resp: 1376

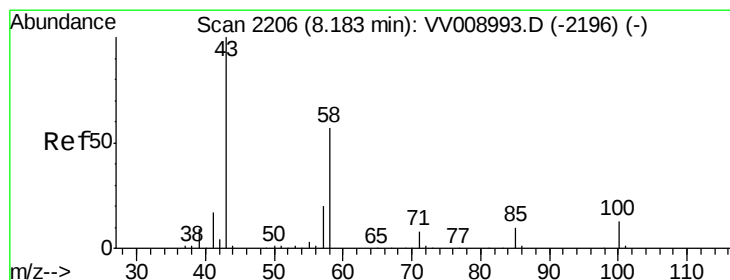
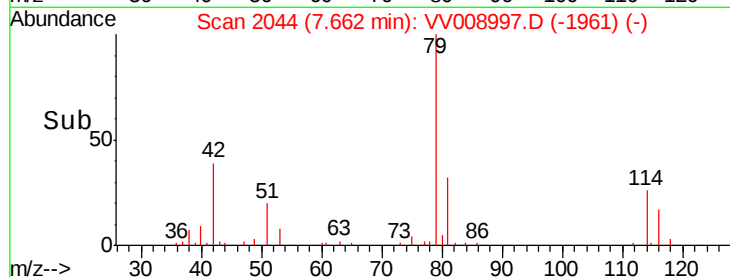
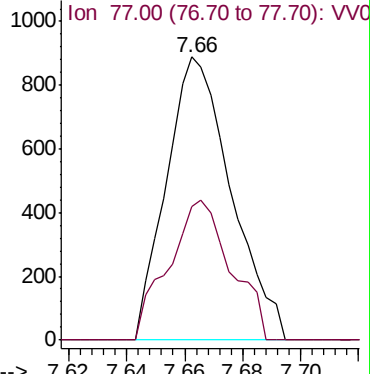
Ion Ratio Lower Upper

75 100

77 47.1 21.6 40.2#



Abundance Ion 75.00 (74.70 to 75.70): VV008997.D (-1961) (-)



#48

2-Hexanone

Concen: 5.045 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV008997.D

Acq: 17 Dec 2018 22:29

Tgt Ion: 43 Resp: 6435

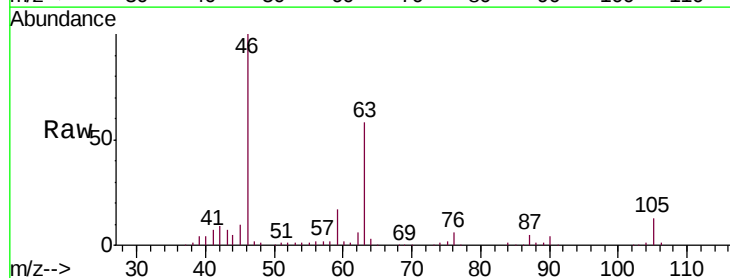
Ion Ratio Lower Upper

43 100

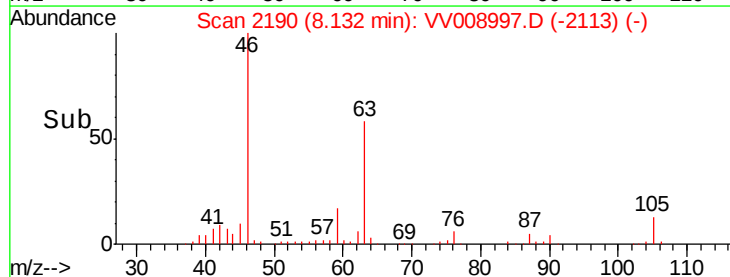
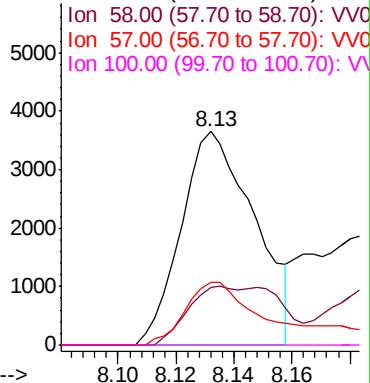
58 19.1 42.7 64.1#

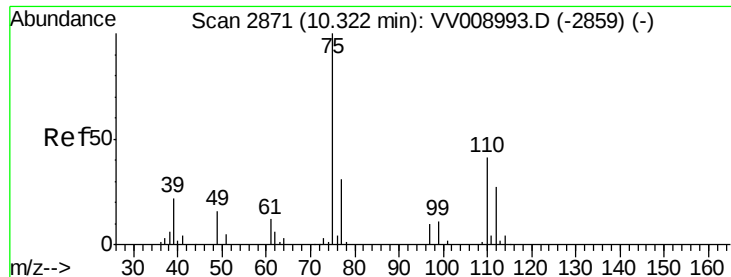
57 28.9 15.7 23.5#

100 0.0 11.3 16.9#



Abundance Ion 43.00 (42.70 to 43.70): VV008997.D (-2113) (-)





#59

1,2,3-Trichloropropane

Concen: 4.924 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV008997.D

Acq: 17 Dec 2018 22:29

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 8221

Ion Ratio Lower Upper

75 100

77 40.1 25.8 38.8#

