

Data File : VV008470.D
Acq On : 30 Oct 2018 16:09
Operator : SY/MD
Sample : J5668-21
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Oct 31 07:17:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 31 07:14:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	155805	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	140720	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58363	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42772	49.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.16%
7) Chloroethane-d5	1.56	69	33045	53.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.10%
11) 1,1-Dichloroethene-d2	2.13	63	60166	38.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.24%
21) 2-Butanone-d5	3.93	46	110572	117.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.94%
24) Chloroform-d	4.41	84	119396	56.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.24%
26) 1,2-Dichloroethane-d4	5.09	65	83585	58.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.52%
32) Benzene-d6	5.10	84	237001	59.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.20%
36) 1,2-Dichloropropane-d6	6.12	67	82842	59.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	119.02%
41) Toluene-d8	7.36	98	209676	57.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.18%
43) trans-1,3-Dichloropropene-	7.67	79	38678	57.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	114.40%
47) 2-Hexanone-d5	8.14	63	85420	117.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.53%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	113502	60.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	120.42%#
64) 1,2-Dichlorobenzene-d4	11.68	152	70733	59.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.50%

Target Compounds

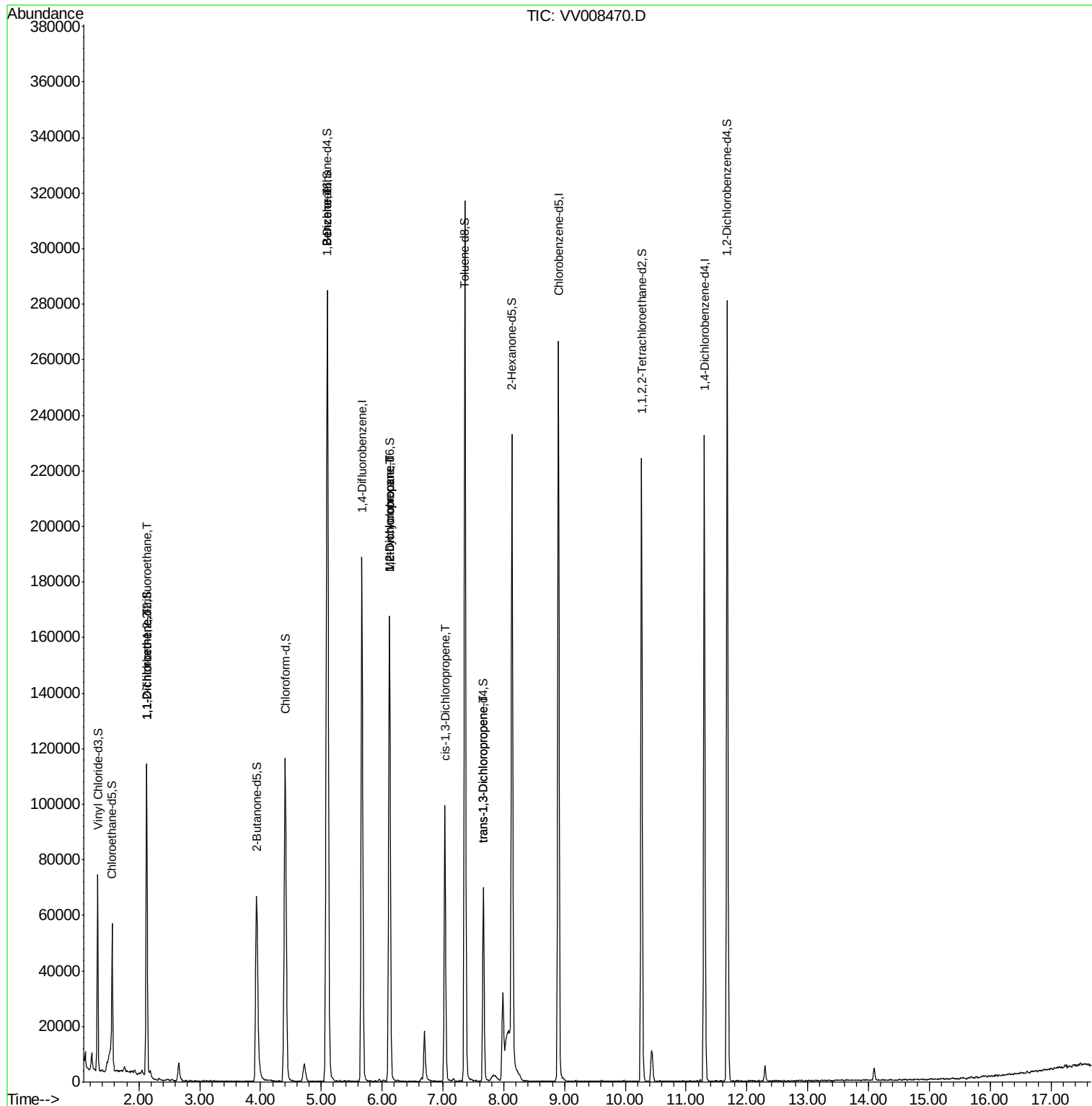
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	485	0.653	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	496	0.710	ug/L #	1
33) Benzene	5.10	78	1778	0.387	ug/L	100
35) Methylcyclohexane	6.12	83	18905	9.442	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	8996	7.081	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	2438	1.221	ug/L #	63
44) trans-1,3-Dichloropropene	7.67	75	1712	0.916	ug/L	87

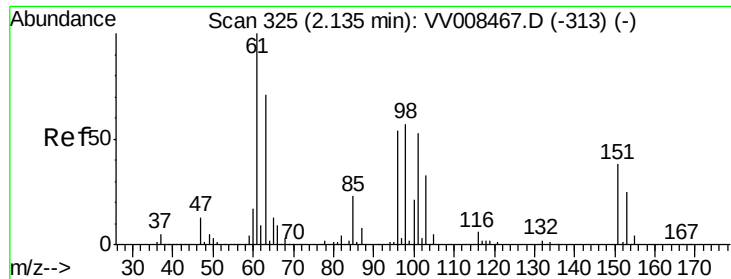
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.653 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV008470.D

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MSVOA_V

ClientSampleId :

VHBLK01

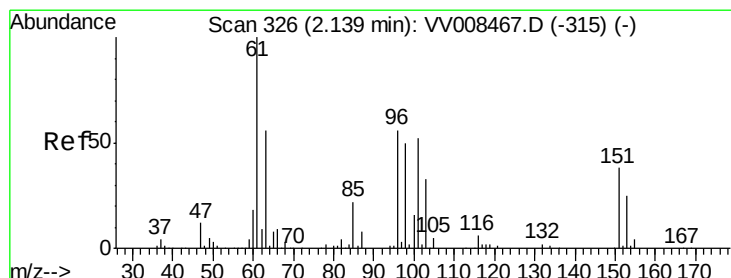
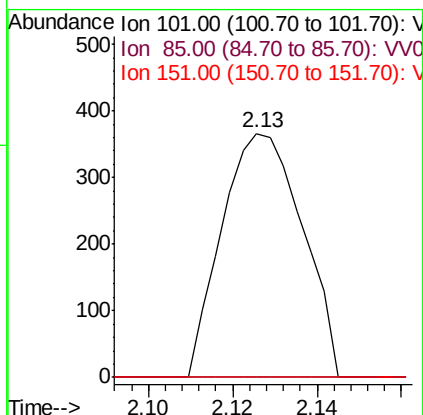
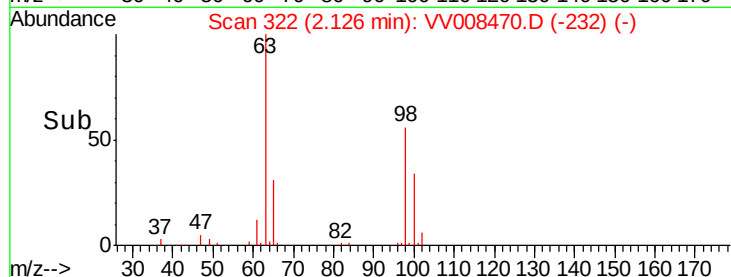
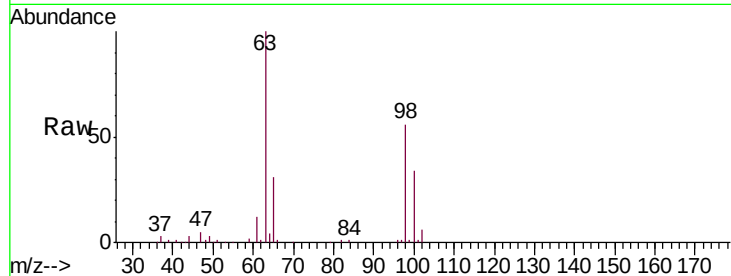
Tgt Ion: 101 Resp: 485

Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

151 0.0 58.1 87.1#



#12

1,1-Dichloroethene

Concen: 0.710 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV008470.D

Acq: 30 Oct 2018 16:09

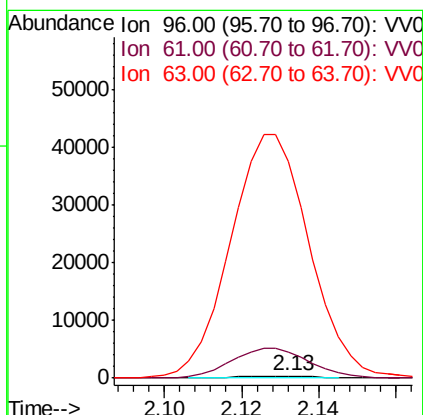
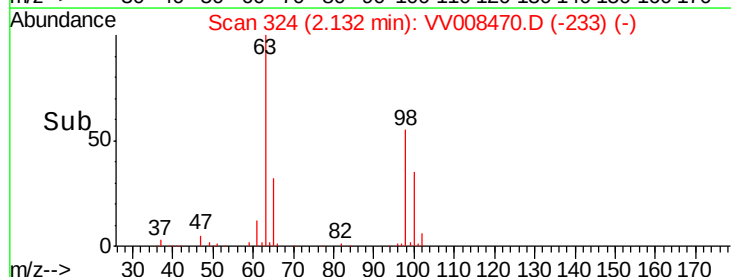
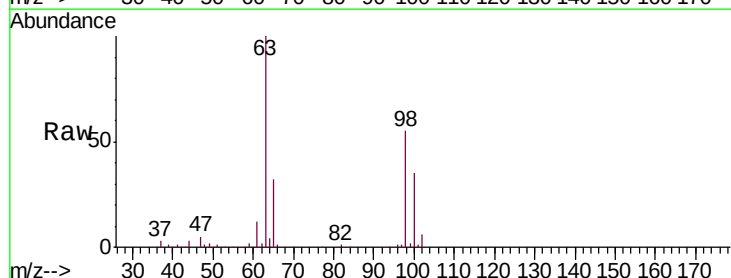
Tgt Ion: 96 Resp: 496

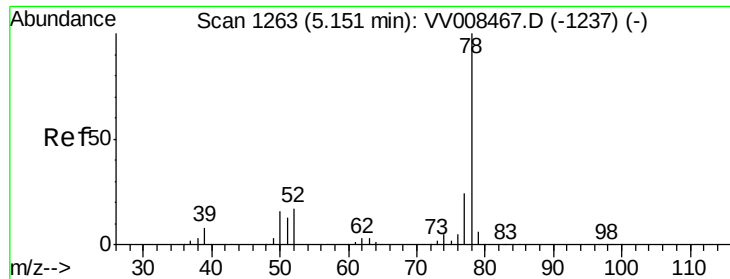
Ion Ratio Lower Upper

96 100

61 1367.6 130.3 242.1#

63 11181.0 84.4 156.8#





#33

Benzene

Concen: 0.387 ug/L

RT: 5.10 min Scan# 1247

Delta R.T. -0.05 min

Lab File: VV008470.D

Acq: 30 Oct 2018 16:09

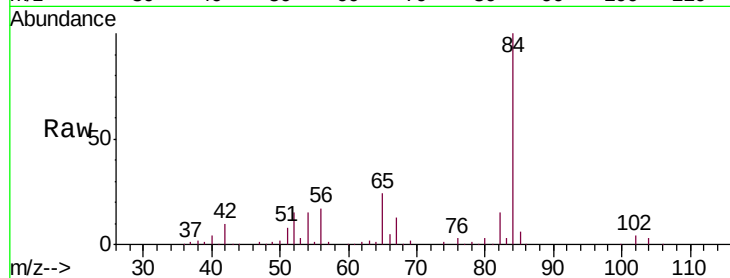
Instrument :

MSVOA_V

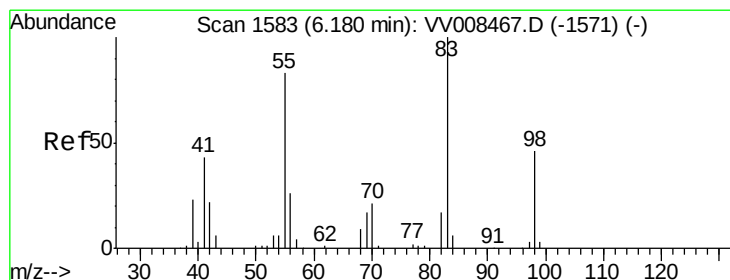
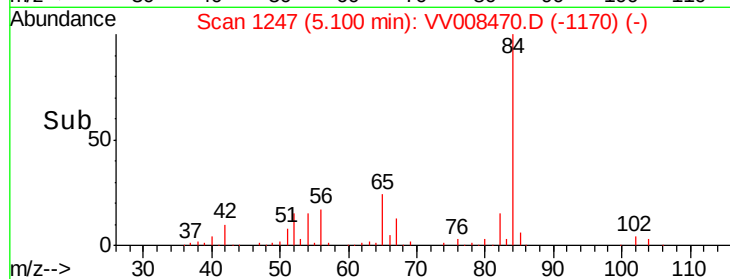
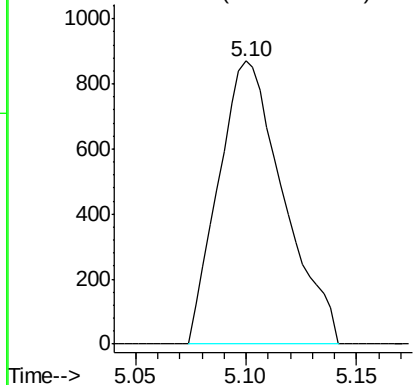
ClientSampleId :

VHBLK01

Tgt Ion: 78 Resp: 1778



Abundance Ion 78.00 (77.70 to 78.70): VV0



#35

Methylcyclohexane

Concen: 9.442 ug/L

RT: 6.12 min Scan# 1565

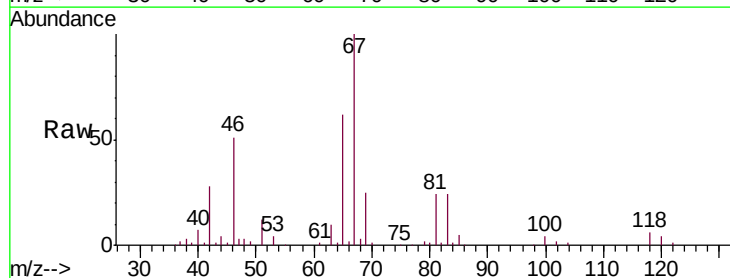
Delta R.T. -0.06 min

Lab File: VV008470.D

Acq: 30 Oct 2018 16:09

Tgt Ion: 83 Resp: 18905

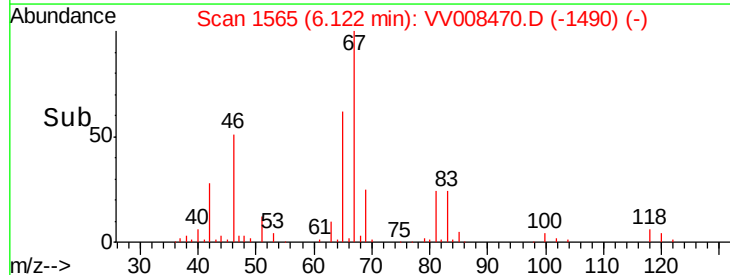
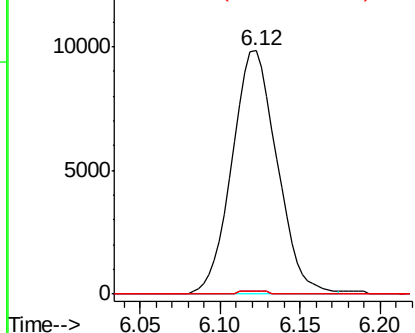
Ion	Ratio	Lower	Upper
83	100		
55	0.4	65.0	97.4#
98	0.5	36.0	54.0#

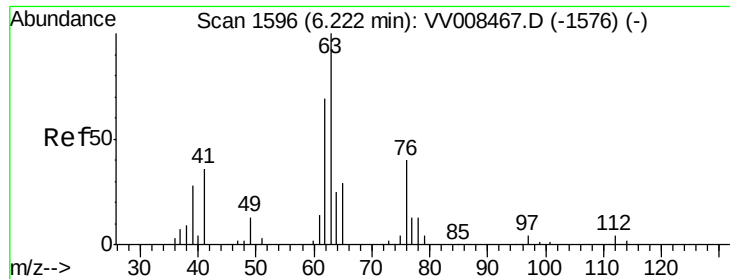


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#37

1,2-Dichloropropane

Concen: 7.081 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008470.D

Acq: 30 Oct 2018 16:09

Instrument :

MSVOA_V

ClientSampleId :

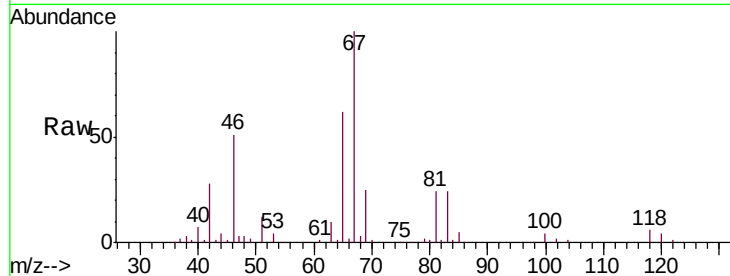
VHBLK01

Tgt Ion: 63 Resp: 8996

Ion Ratio Lower Upper

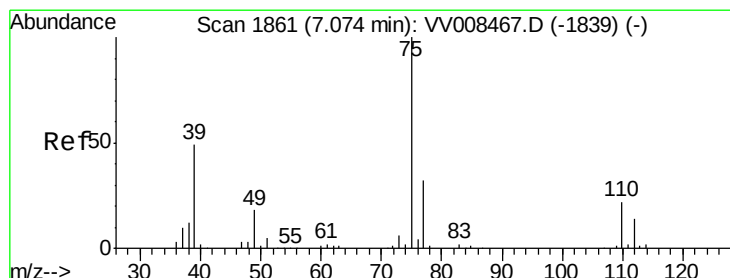
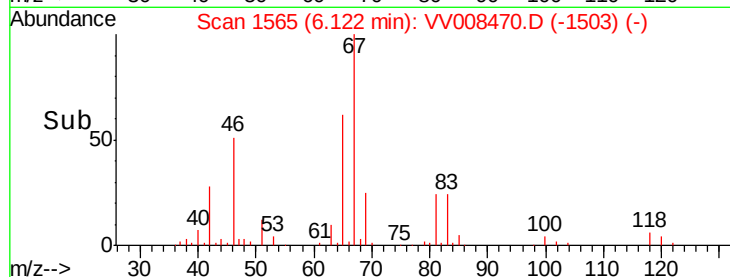
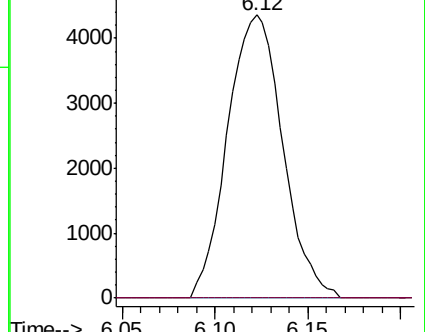
63 100

112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VV008467.D (-1576) (-)

Ion 112.00 (111.70 to 112.70): VV008467.D (-1576) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.221 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008470.D

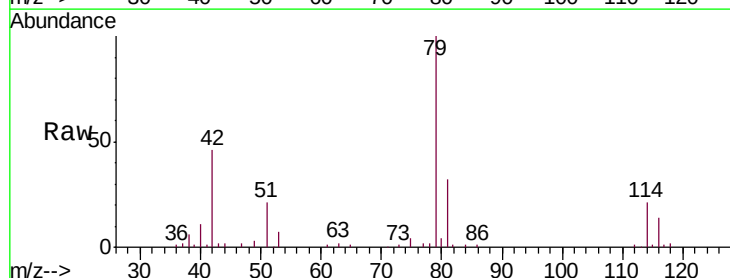
Acq: 30 Oct 2018 16:09

Tgt Ion: 75 Resp: 2438

Ion Ratio Lower Upper

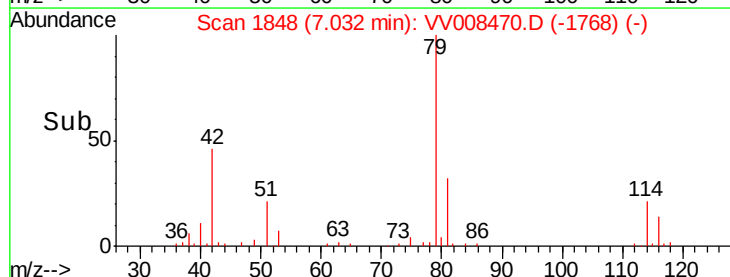
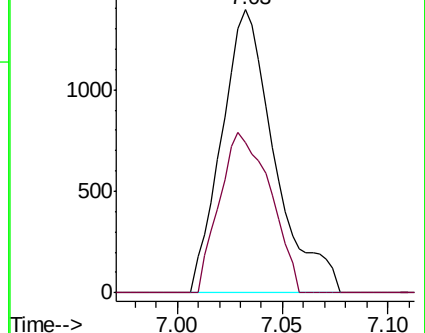
75 100

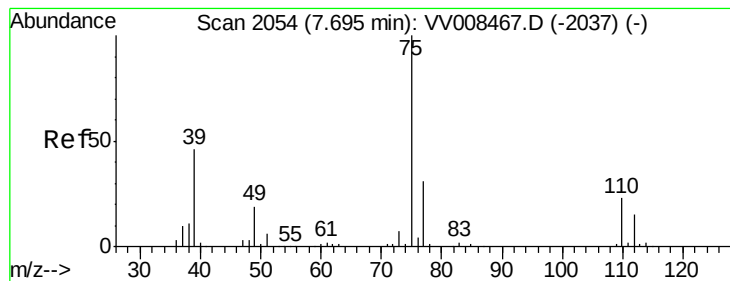
77 53.1 22.6 42.0#



Abundance Ion 75.00 (74.70 to 75.70): VV008467.D (-1839) (-)

Ion 77.00 (76.70 to 77.70): VV008467.D (-1839) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.916 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008470.D

Acq: 30 Oct 2018 16:09

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 1712

Ion Ratio Lower Upper

75 100

77 38.5 21.8 40.4

