

Data File : VV010486.D
Acq On : 25 Apr 2019 02:07
Operator : SY/MD
Sample : K2428-12
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK02

Quant Time: Apr 25 04:08:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 25 04:02:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	215485	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	219677	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	101903	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	63512	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.58	69	49509	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	2.13	63	92607	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	3.95	46	149832	56.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.52%
24) Chloroform-d	4.40	84	136137	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
26) 1,2-Dichloroethane-d4	5.09	65	71532	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.20%
32) Benzene-d6	5.10	84	279618	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.12	67	82560	5.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.40%
41) Toluene-d8	7.36	98	252610	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	7.67	79	27614	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.14	63	117379	50.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	60283	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	99409	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

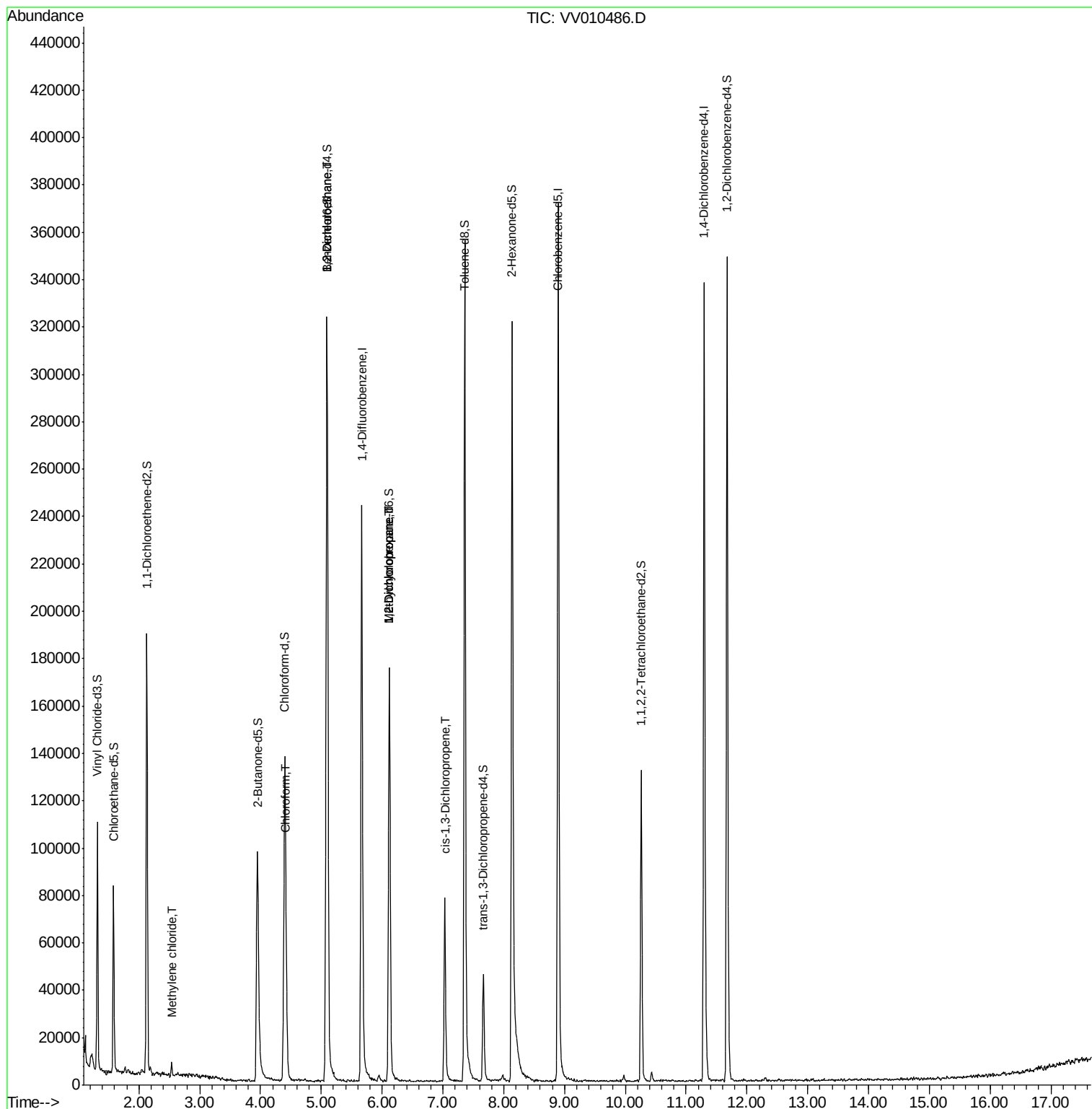
					Qvalue
16) Methylene chloride	2.53	84	1681	0.119 ug/L #	59
25) Chloroform	4.43	83	11844	0.445 ug/L	95
27) 1,2-Dichloroethane	5.09	62	1820	0.117 ug/L #	74
35) Methylcyclohexane	6.12	83	20688	0.851 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	10569	0.775 ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	2033	0.101 ug/L #	45

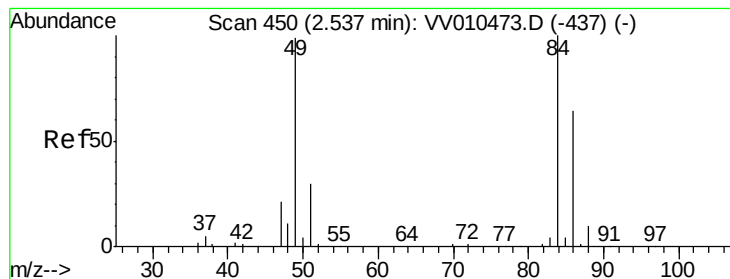
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.119 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.01 min

Lab File: VV010486.D

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Instrument :

MSVOA_V

ClientSampleId :

VHBLK02

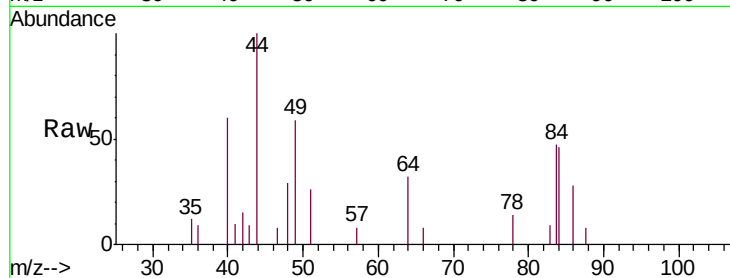
Tgt Ion: 84 Resp: 1681

Ion Ratio Lower Upper

84 100

86 30.1 44.7 83.1#

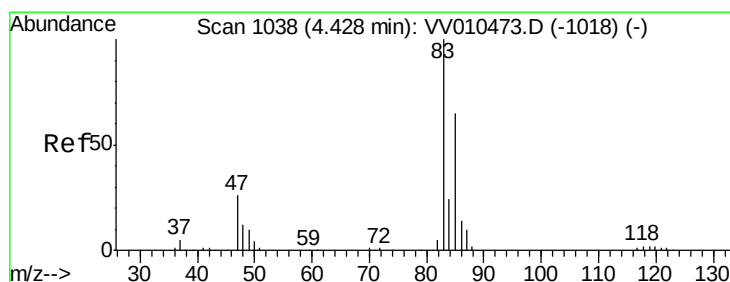
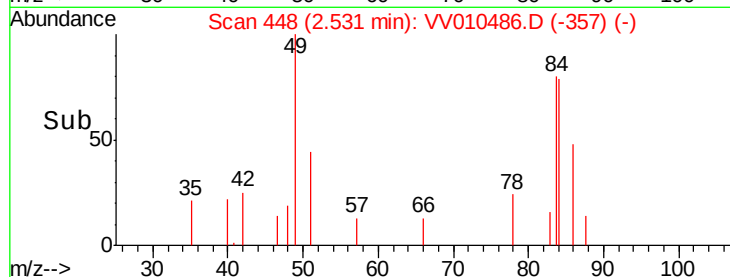
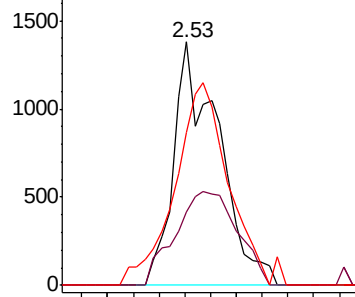
49 62.8 72.7 135.1#



Abundance Ion 84.05 (83.75 to 84.75): VV010486.D (-357) (-)

Ion 86.00 (85.70 to 86.70): VV010486.D (-357) (-)

Ion 49.10 (48.80 to 49.80): VV010486.D (-357) (-)



#25

Chloroform

Concen: 0.445 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. -0.00 min

Lab File: VV010486.D

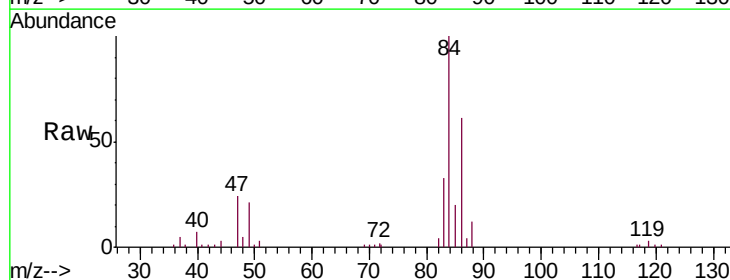
Acq: 25 Apr 2019 02:07

Tgt Ion: 83 Resp: 11844

Ion Ratio Lower Upper

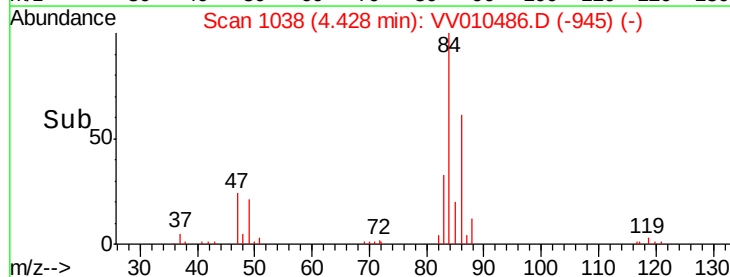
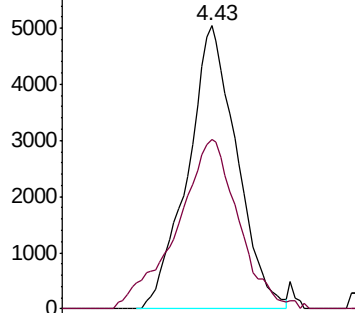
83 100

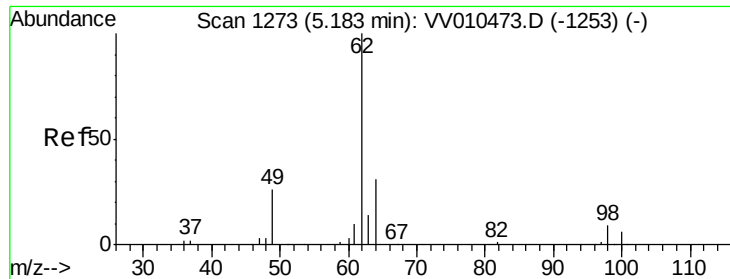
85 59.8 44.3 82.3



Abundance Ion 83.05 (82.75 to 83.75): VV010486.D (-945) (-)

Ion 85.00 (84.70 to 85.70): VV010486.D (-945) (-)

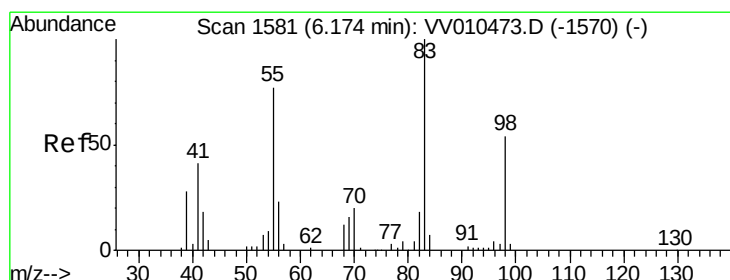
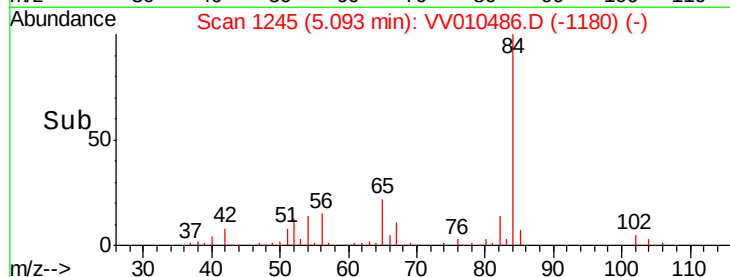
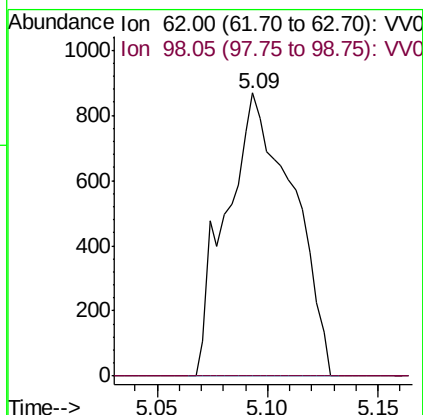
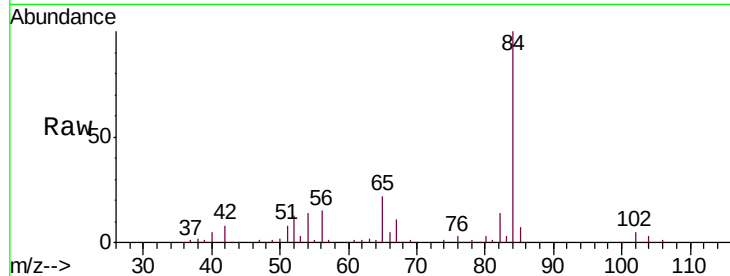




#27
 1,2-Dichloroethane
 Concen: 0.117 ug/L
 RT: 5.09 min Scan# 1245
 Delta R.T. -0.09 min
 Lab File: VV010486.D
 Acq: 25 Apr 2019 02:07

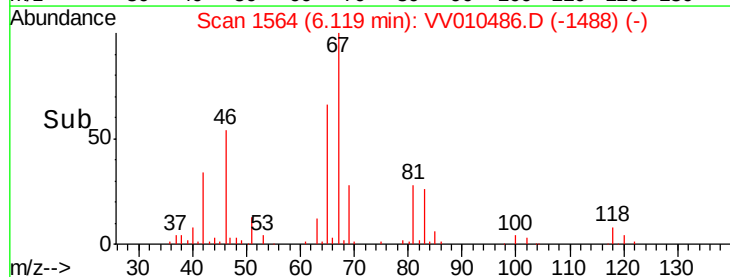
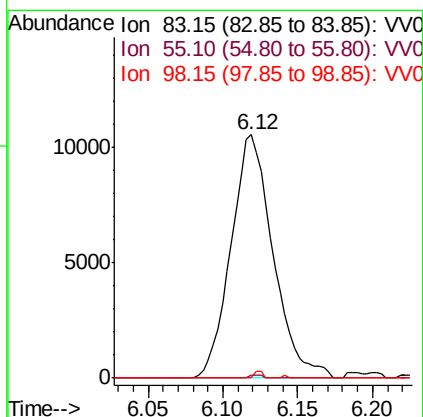
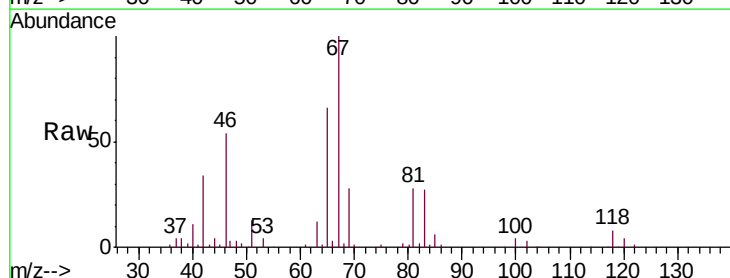
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 VHBLK02

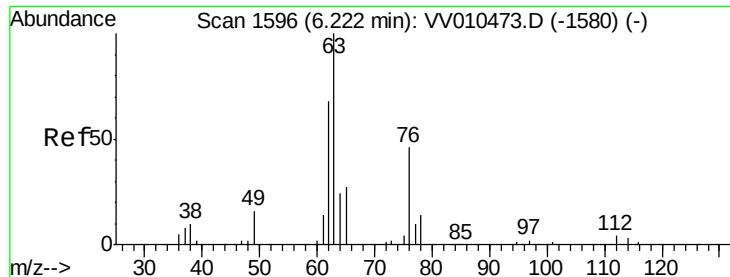
Tgt Ion: 62 Resp: 1820
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.5 11.3#



#35
 Methylcyclohexane
 Concen: 0.851 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.05 min
 Lab File: VV010486.D
 Acq: 25 Apr 2019 02:07

Tgt Ion: 83 Resp: 20688
 Ion Ratio Lower Upper
 83 100
 55 0.4 57.8 86.6#
 98 0.6 38.8 58.2#

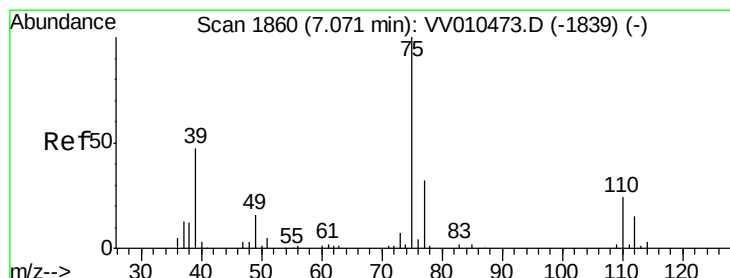
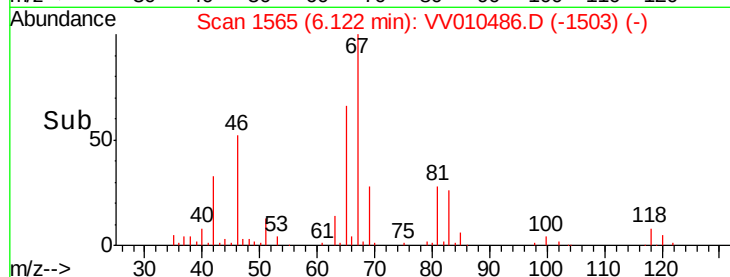
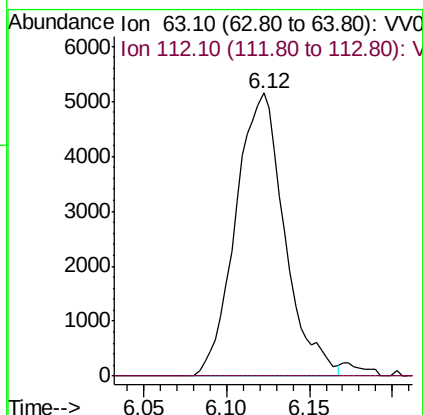
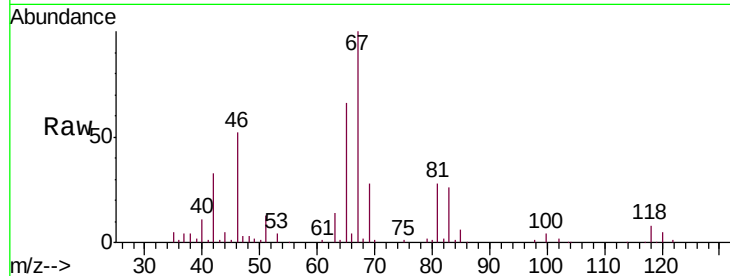




#37
 1,2-Dichloropropane
 Concen: 0.775 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV010486.D
 Acq: 25 Apr 2019 02:07

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK02

Tgt Ion: 63 Resp: 10569
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV010486.D
 Acq: 25 Apr 2019 02:07

Tgt Ion: 75 Resp: 2033
 Ion Ratio Lower Upper
 75 100
 77 62.9 22.5 41.7#

