

Data File : VV014975.D
Acq On : 17 Mar 2020 15:47
Operator : SY/MD
Sample : L1916-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Mar 18 05:25:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 05:21:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	333437	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	326008	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	160277	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	99027	44.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.16%
7) Chloroethane-d5	1.58	69	76201	46.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.38%
11) 1,1-Dichloroethene-d2	2.12	63	121749	35.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.44%
21) 2-Butanone-d5	3.93	46	108462	80.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.08%
24) Chloroform-d	4.38	84	211291	45.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.30%
26) 1,2-Dichloroethane-d4	5.06	65	138873	47.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.72%
32) Benzene-d6	5.08	84	437555	48.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.44%
36) 1,2-Dichloropropane-d6	6.10	67	130240	48.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.40%
41) Toluene-d8	7.34	98	420206	47.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.62%
43) trans-1,3-Dichloropropene-	7.64	79	63502	44.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.32%
47) 2-Hexanone-d5	8.12	63	113495	94.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.02%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	180480	46.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	176630	50.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.62%

Target Compounds

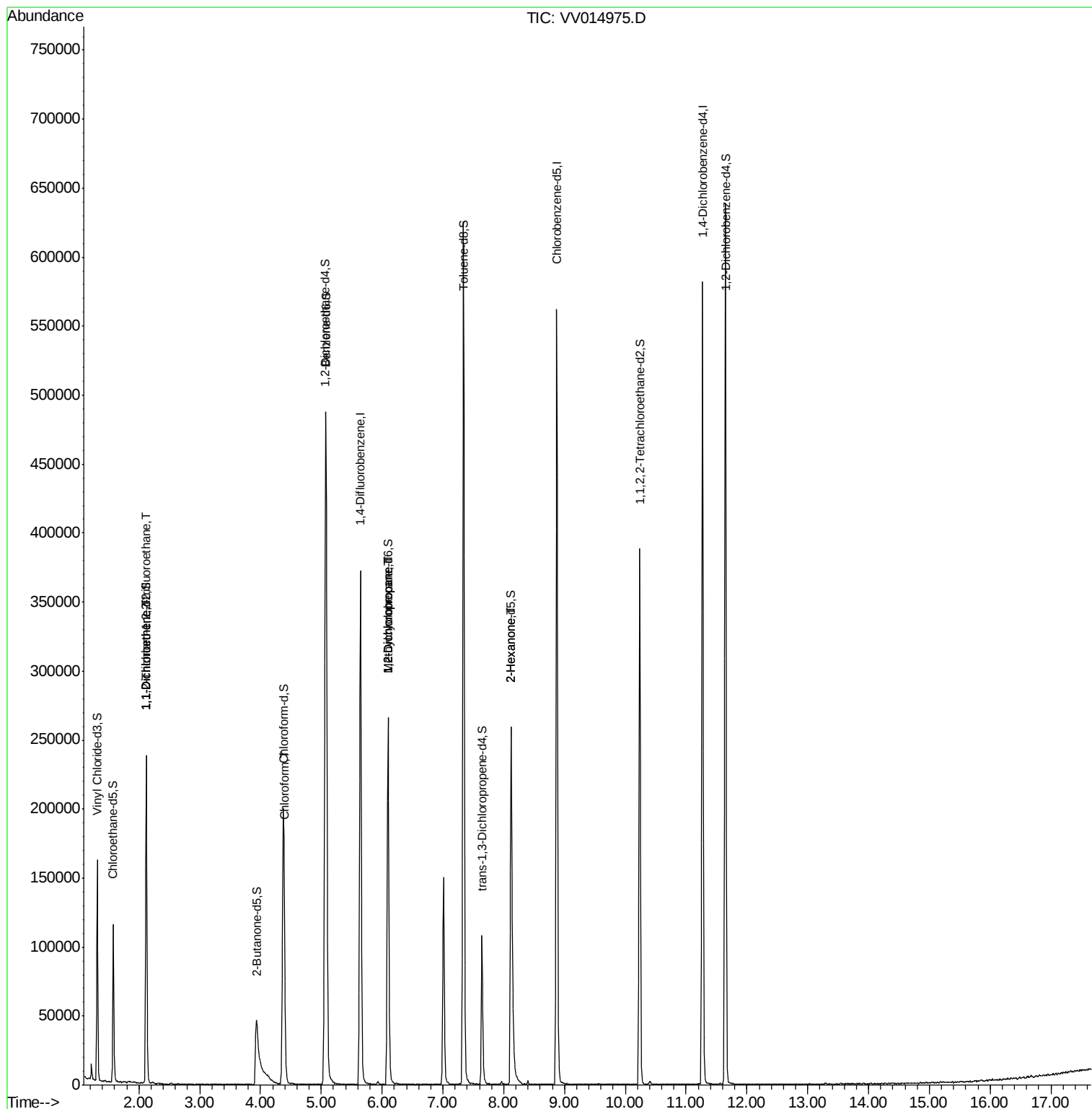
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1187	0.691 ug/L #	15
12) 1,1-Dichloroethene	2.12	96	1140	0.728 ug/L #	1
25) Chloroform	4.40	83	4270	0.978 ug/L	95
35) Methylcyclohexane	6.10	83	33317	8.676 ug/L #	20
37) 1,2-Dichloropropane	6.10	63	14493	6.520 ug/L #	84
48) 2-Hexanone	8.12	43	11964	5.037 ug/L #	75

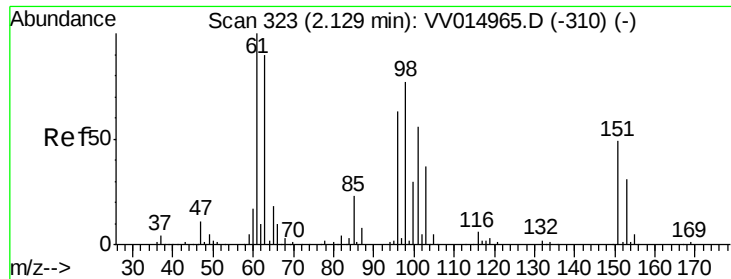
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.691 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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Acq: 17 Mar 2020 15:47

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

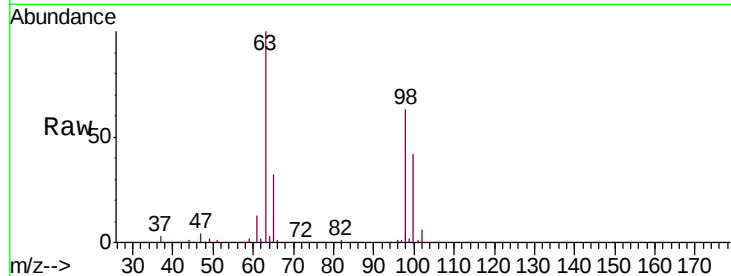
Tgt Ion:101 Resp: 1187

Ion Ratio Lower Upper

101 100

85 0.0 33.9 50.9#

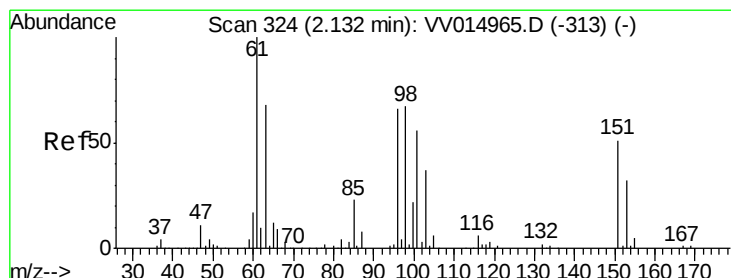
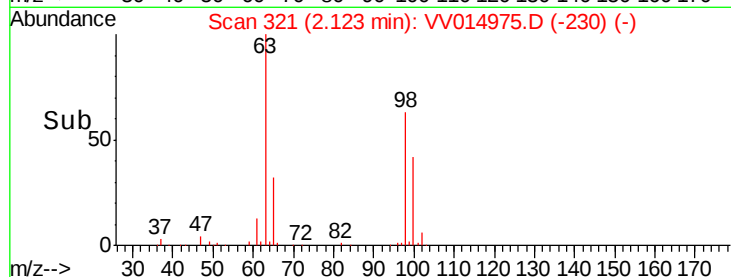
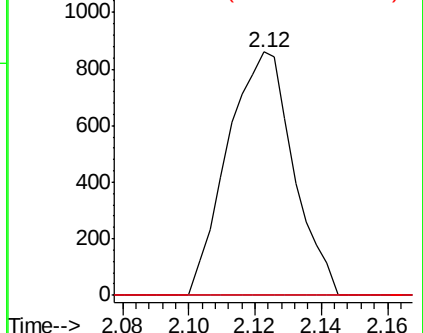
151 0.0 70.1 105.1#



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: 0.728 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV014975.D

Acq: 17 Mar 2020 15:47

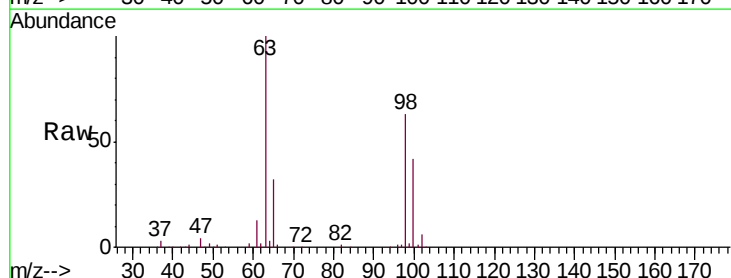
Tgt Ion: 96 Resp: 1140

Ion Ratio Lower Upper

96 100

61 1546.8 115.7 214.9#

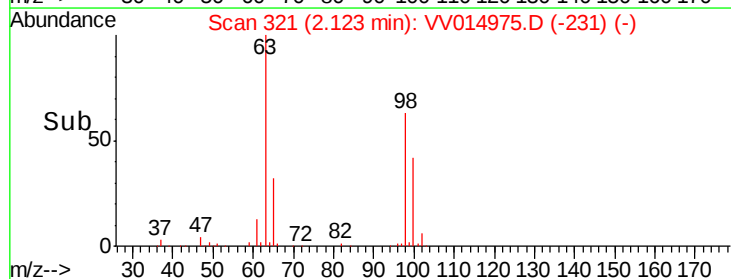
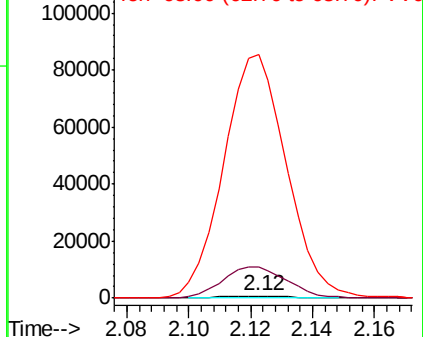
63 12113.5 99.2 184.2#

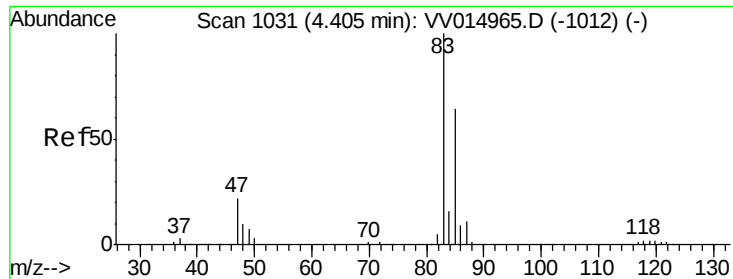


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

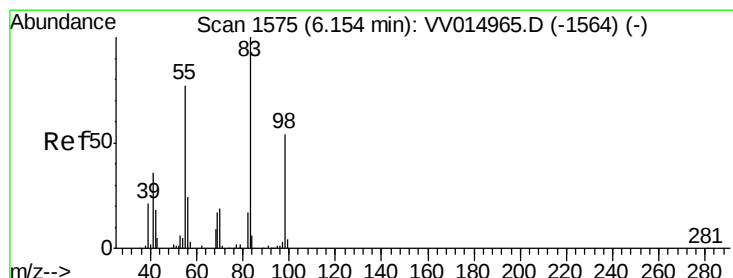
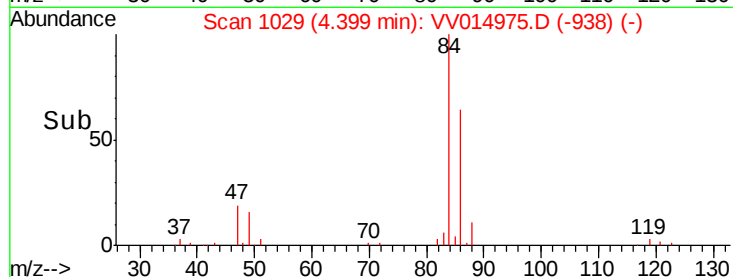
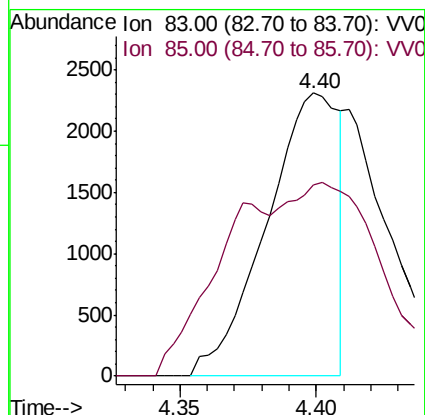
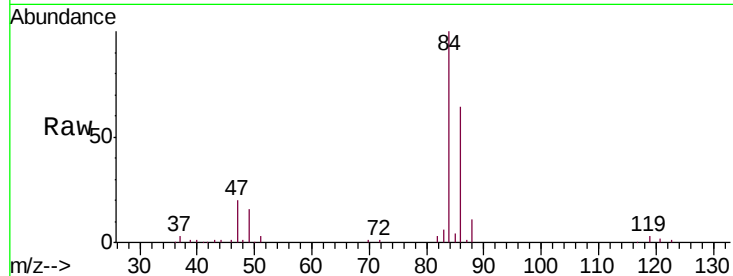




#25
Chloroform
Concen: 0.978 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.01 min
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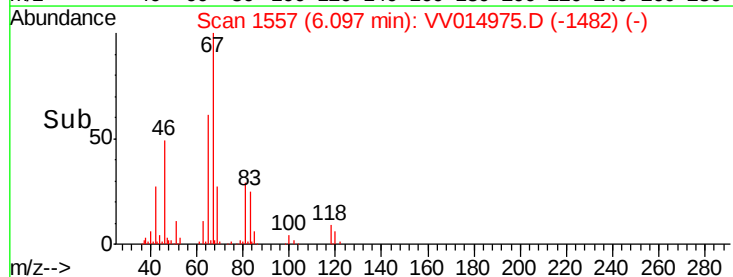
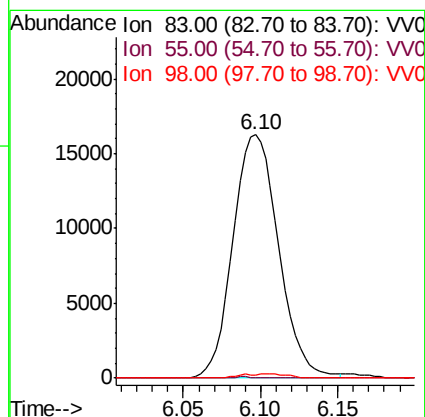
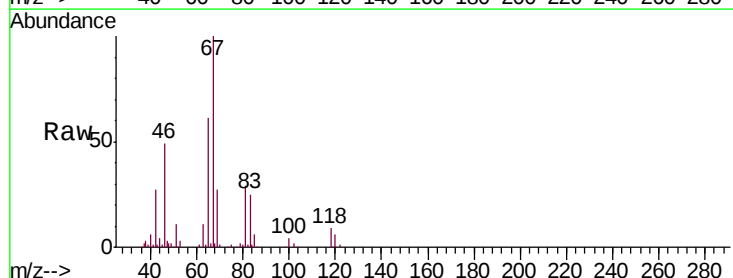
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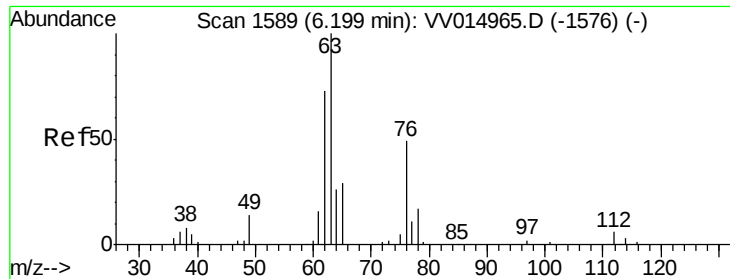
Tgt Ion: 83 Resp: 4270
Ion Ratio Lower Upper
83 100
85 67.5 44.6 82.8



#35
Methylcyclohexane
Concen: 8.676 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV014975.D
Acq: 17 Mar 2020 15:47

Tgt Ion: 83 Resp: 33317
Ion Ratio Lower Upper
83 100
55 0.0 57.5 86.3#
98 1.0 39.5 59.3#

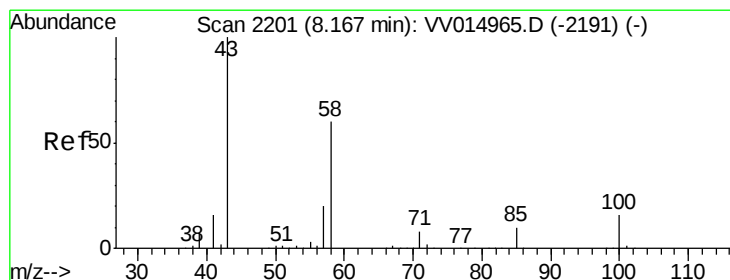
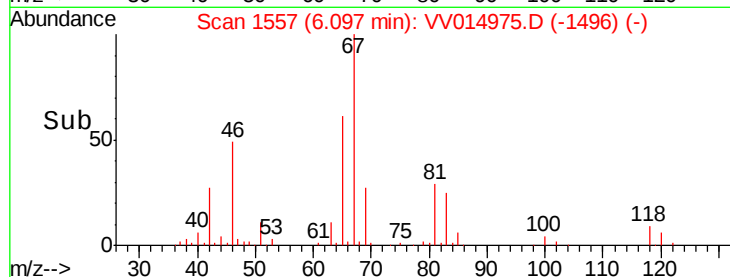
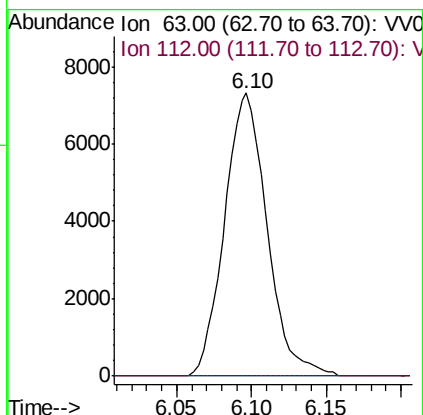
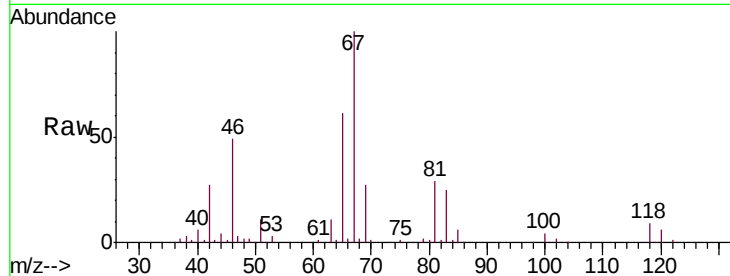




#37
 1,2-Dichloropropane
 Concen: 6.520 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV014975.D
 Acq: 17 Mar 2020 15:47

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tgt Ion: 63 Resp: 14493
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.4 6.6#



#48
 2-Hexanone
 Concen: 5.037 ug/L
 RT: 8.12 min Scan# 2187
 Delta R.T. -0.04 min
 Lab File: VV014975.D
 Acq: 17 Mar 2020 15:47

Tgt Ion: 43 Resp: 11964
 Ion Ratio Lower Upper
 43 100
 58 39.6 46.9 70.3#
 57 28.8 16.2 24.4#
 100 0.6 11.9 17.9#

