

Data File : VV010620.D
Acq On : 01 May 2019 22:23
Operator : SY/MD
Sample : VIBLK41
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK41

Quant Time: May 02 08:25:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 02 08:18:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	80857	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	81553	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	31930	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22287	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.58	69	16633	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.60%
11) 1,1-Dichloroethene-d2	2.13	63	32042	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	3.96	46	58493	52.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.82%
24) Chloroform-d	4.40	84	48011	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.08	65	25491	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.10	84	98019	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.12	67	30655	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.36	98	86818	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	7.67	79	9670	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.14	63	45956	51.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.52%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	20999	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	30250	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

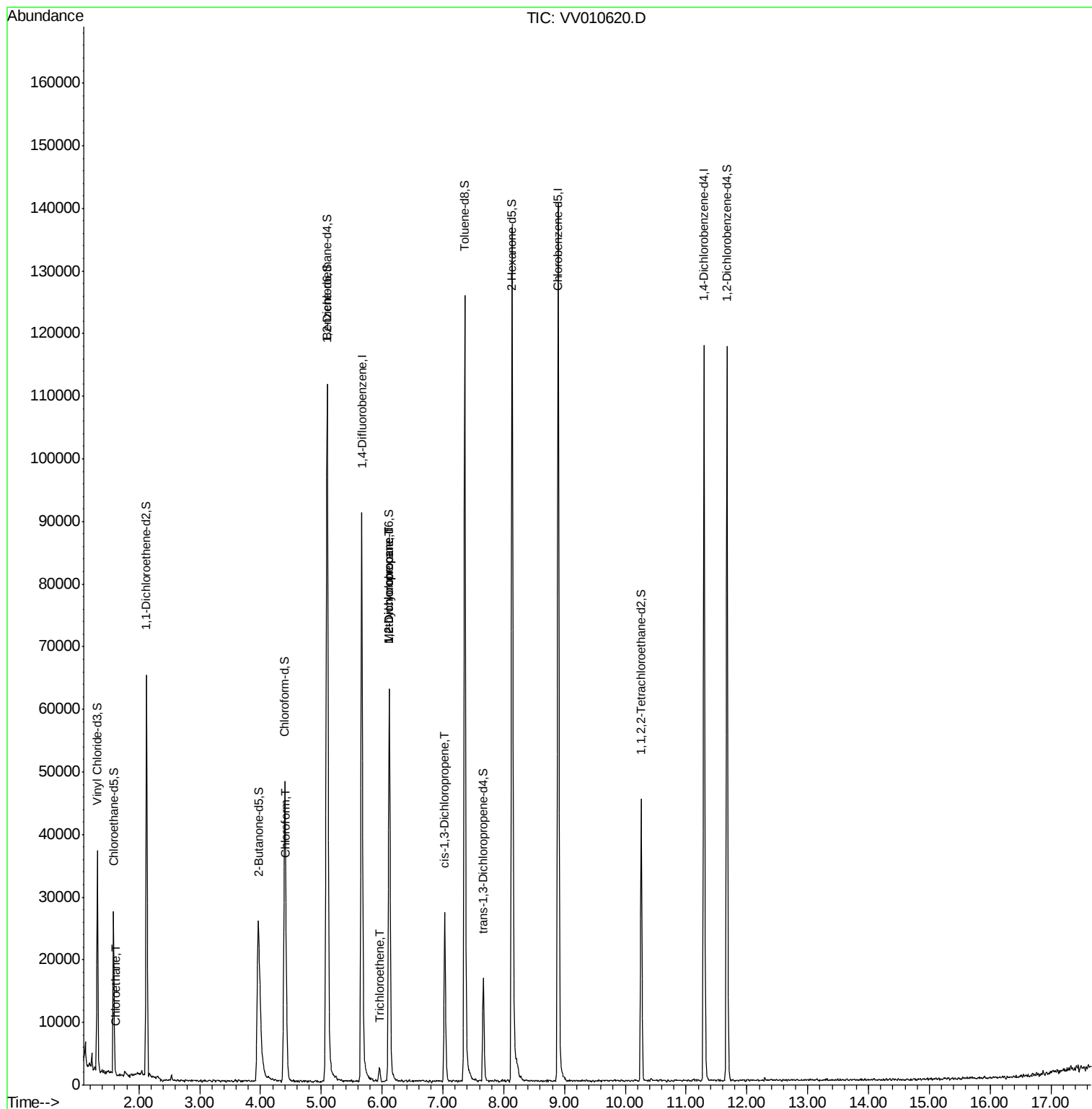
					Qvalue	
8) Chloroethane	1.62	64	509	0.184	ug/L #	41
25) Chloroform	4.43	83	2545	0.235	ug/L	92
34) Trichloroethene	5.96	95	562	0.089	ug/L #	68
35) Methylcyclohexane	6.12	83	7441	0.812	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3310	0.603	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	566	0.076	ug/L #	1

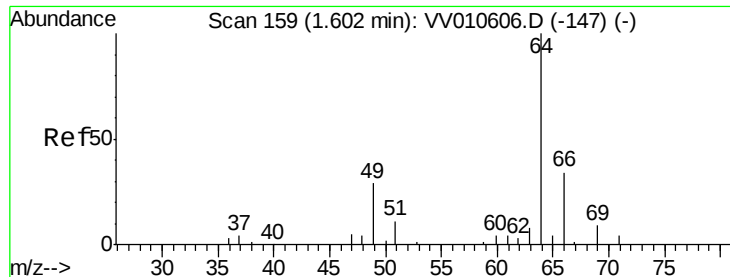
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.184 ug/L

RT: 1.62 min Scan# 165

Delta R.T. 0.02 min

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MSVOA_V

ClientSampleId :

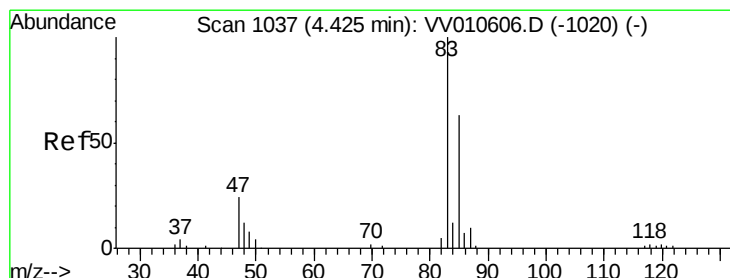
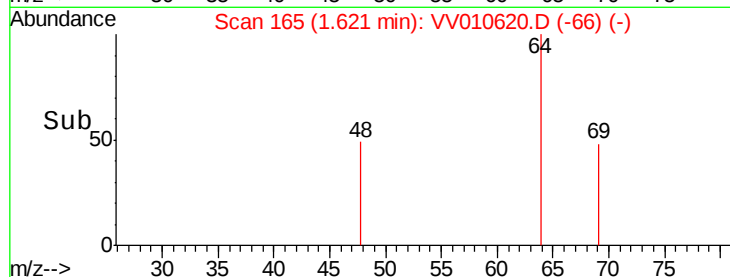
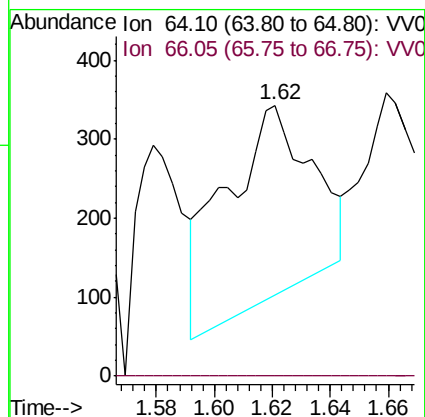
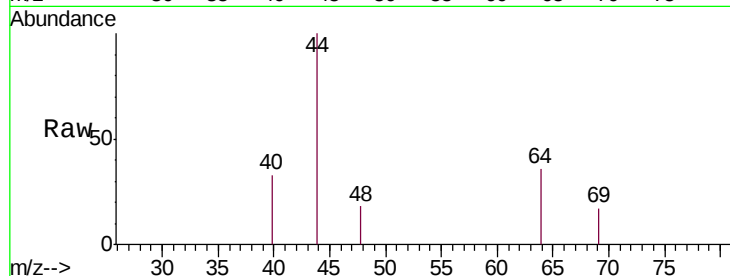
VIBLK41

Tgt Ion: 64 Resp: 509

Ion Ratio Lower Upper

64 100

66 0.0 23.8 44.2#



#25

Chloroform

Concen: 0.235 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

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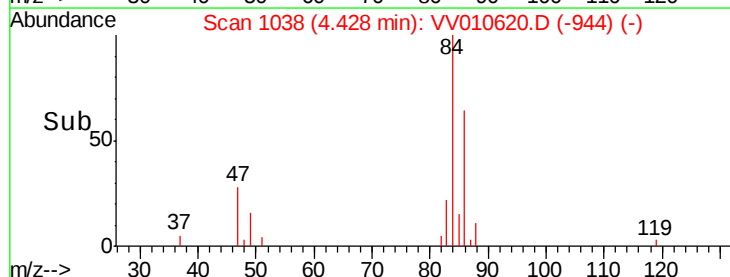
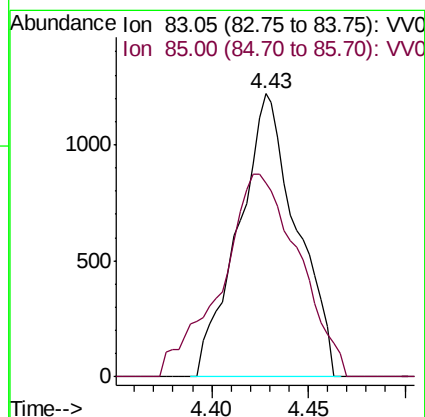
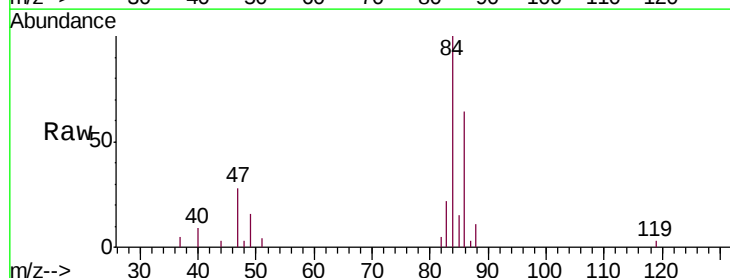
Acq: 01 May 2019 22:23

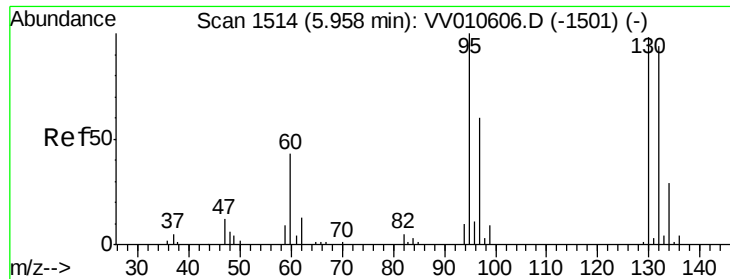
Tgt Ion: 83 Resp: 2545

Ion Ratio Lower Upper

83 100

85 68.5 43.7 81.1





#34

Trichloroethene

Concen: 0.089 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

VIBLK41

Tgt Ion: 95 Resp: 562

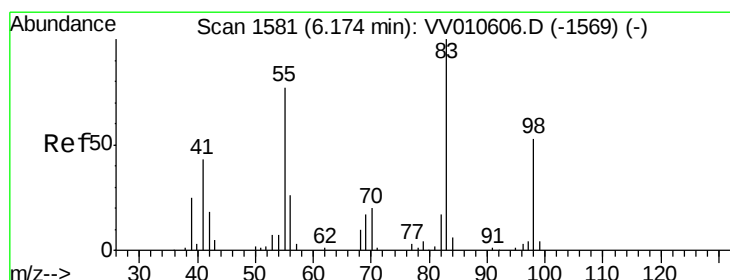
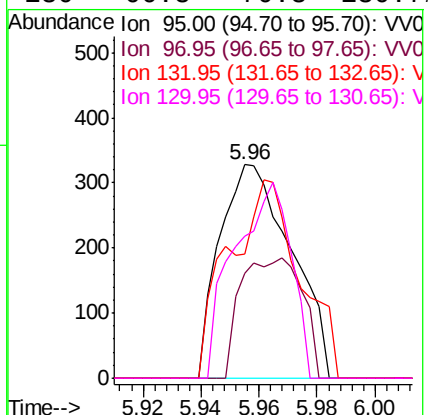
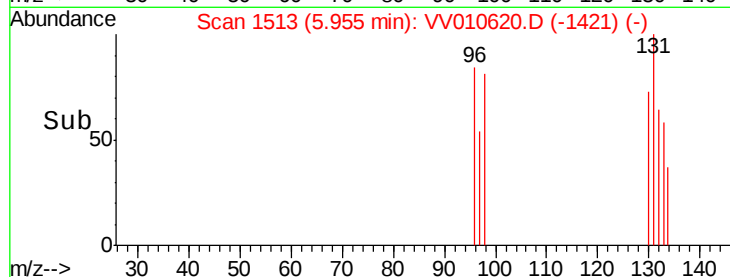
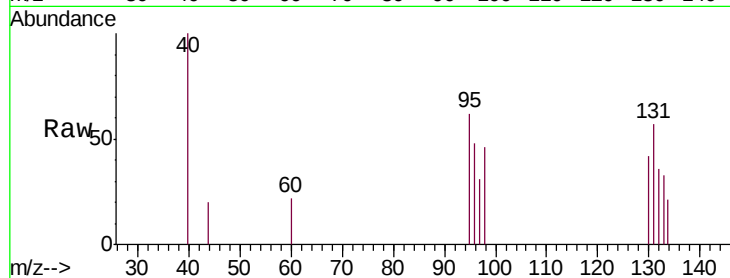
Ion Ratio Lower Upper

95 100

97 49.1 42.4 78.6

132 58.2 69.3 128.7#

130 66.8 70.3 130.7#



#35

Methylcyclohexane

Concen: 0.812 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

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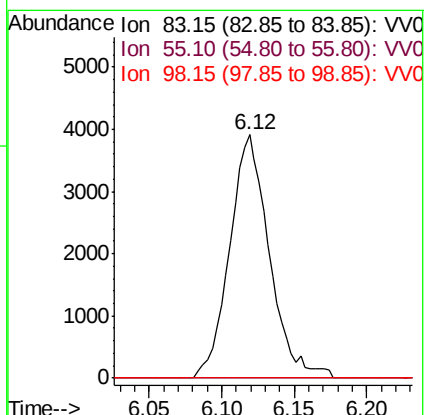
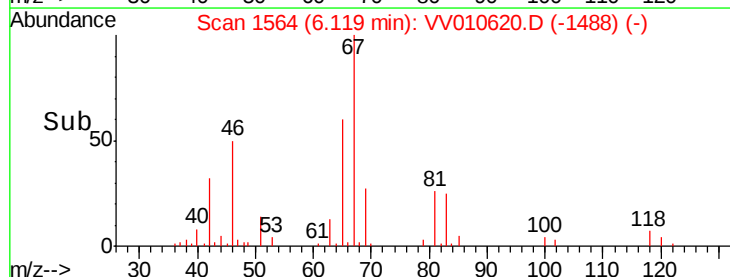
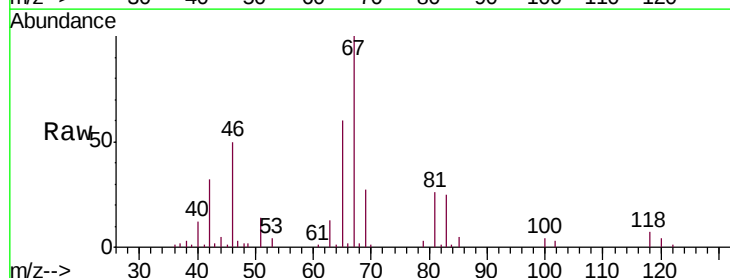
Tgt Ion: 83 Resp: 7441

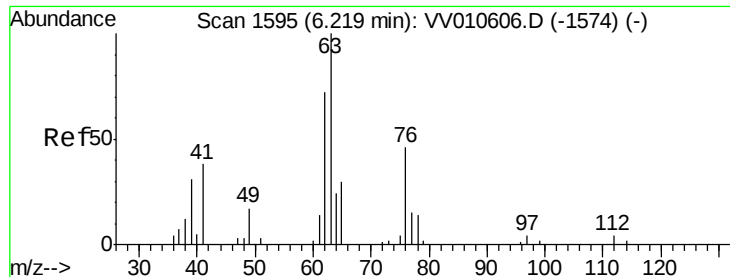
Ion Ratio Lower Upper

83 100

55 0.0 63.4 95.0#

98 1.2 38.7 58.1#

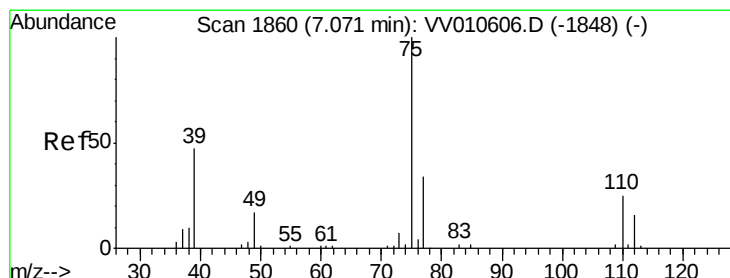
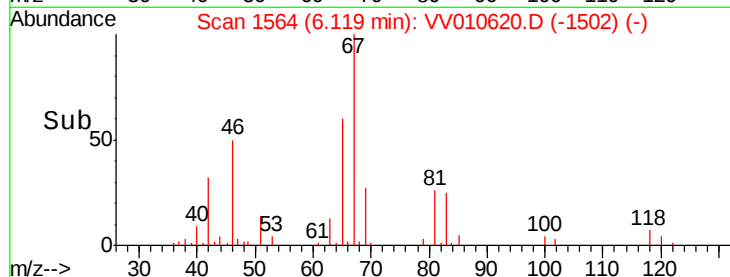
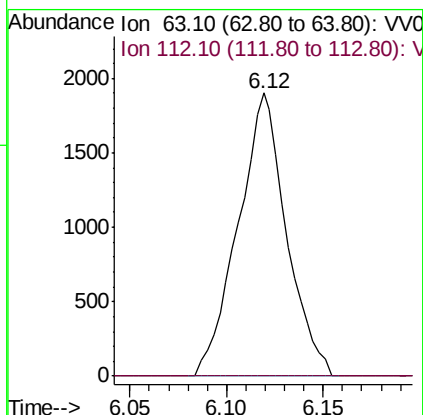
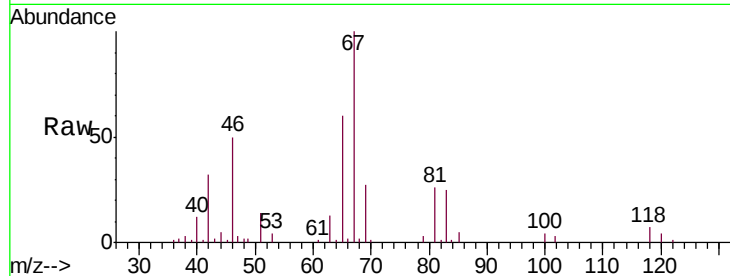




#37
 1,2-Dichloropropane
 Concen: 0.603 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV010620.D
 Acq: 01 May 2019 22:23

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK41

Tgt Ion: 63 Resp: 3310
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.076 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV010620.D
 Acq: 01 May 2019 22:23

Tgt Ion: 75 Resp: 566
 Ion Ratio Lower Upper
 75 100
 77 100.6 23.9 44.3#

