

Data File : VV010631.D
Acq On : 02 May 2019 16:30
Operator : SY/MD
Sample : VV0502SBL01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK77

Quant Time: May 03 02:25:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 02:22:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	161283	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	163359	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	73732	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45648	22.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.44%
7) Chloroethane-d5	1.57	69	33871	23.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.80%
10) 1,1-Dichloroethene-d2	2.13	63	65148	18.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.76%
20) 2-Butanone-d5	3.94	46	33202	53.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.88%
24) Chloroform-d	4.40	84	94757	22.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.08	65	60494	25.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.36%
29) Benzene-d6	5.10	84	209584	24.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.04%
33) 1,2-Dichloropropane-d6	6.12	67	64651	24.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.72%
37) Toluene-d8	7.36	98	198279	24.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.48%
38) trans-1,3-Dichloropropene-	7.66	79	26520	24.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.96%
39) 2-Hexanone-d5	8.13	63	26724	57.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.76%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	57941	24.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.16%
61) 1,2-Dichlorobenzene-d4	11.67	152	76241	26.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.48%

Target Compounds

					Qvalue
13) Acetone	2.19	43	1020	1.915 ug/L	99
25) Chloroform	4.43	83	10046	2.526 ug/L	94
35) Trichloroethene	5.66	95	4468	2.006 ug/L #	6
36) Methylcyclohexane	6.12	83	15782	4.959 ug/L #	19
40) 1,2-Dichloropropane	6.12	63	6880	3.387 ug/L #	87
42) cis-1,3-Dichloropropene	7.03	75	1882	0.633 ug/L #	71

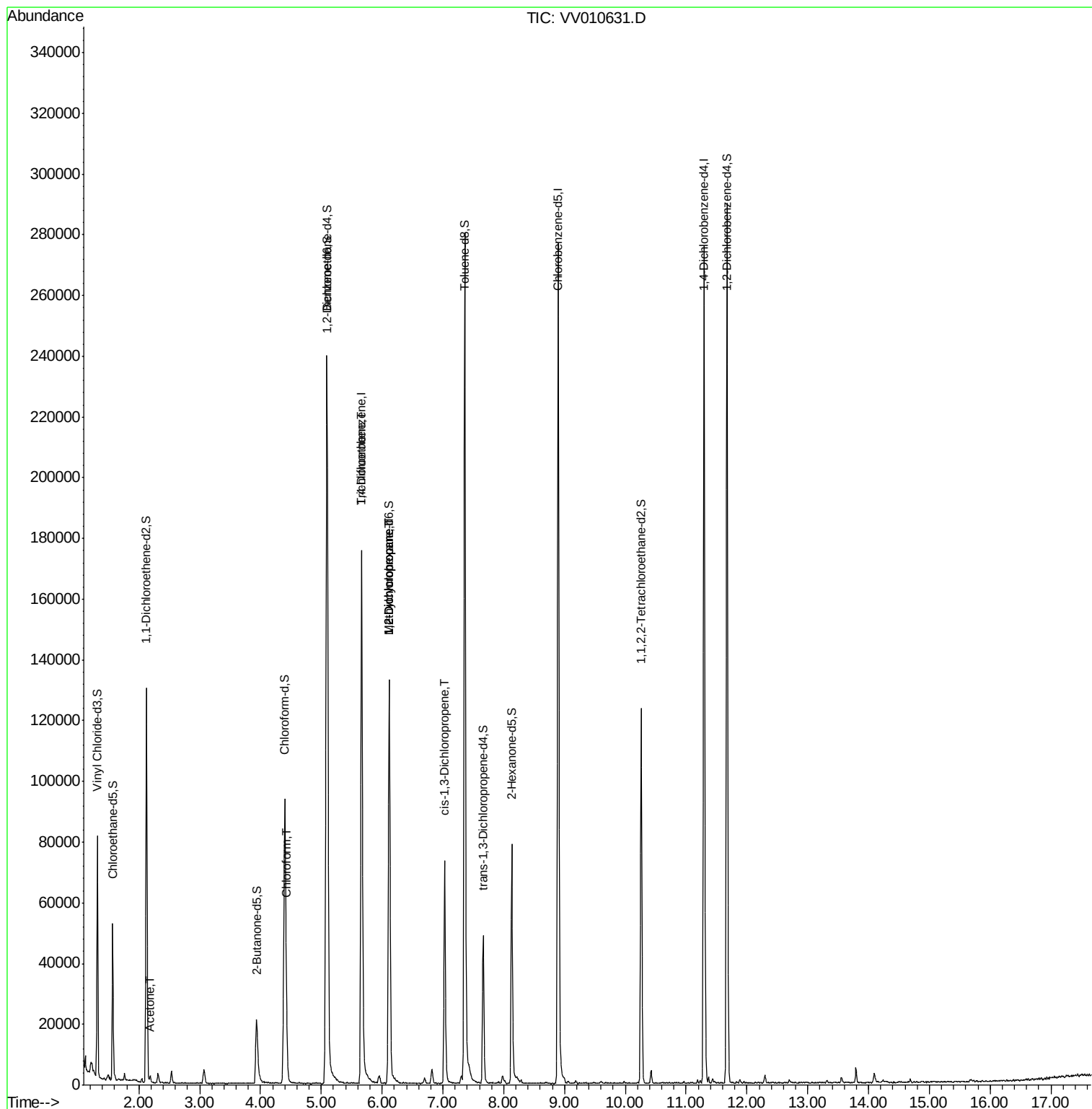
(#) = qualifier out of range (m) = manual integration (+) = signals summed

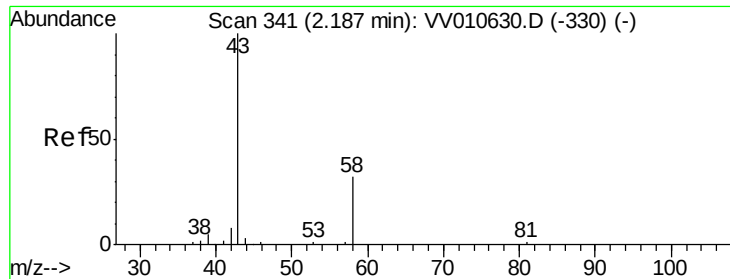
Data File : VV010631.D

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Instrument :
MSVOA_V
ClientSampleId :
VBLK77

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Quant Method : Z:\VOASRV\HPCHEM1\MSV0A_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 02:22:17 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.915 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

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Acq: 02 May 2019 16:30

Instrument :

MSVOA_V

ClientSampleId :

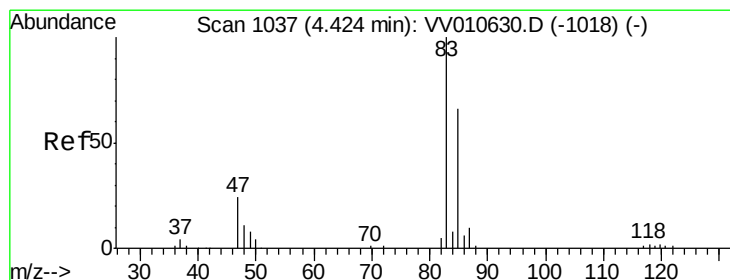
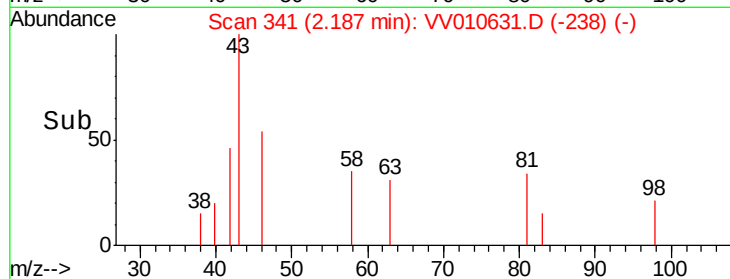
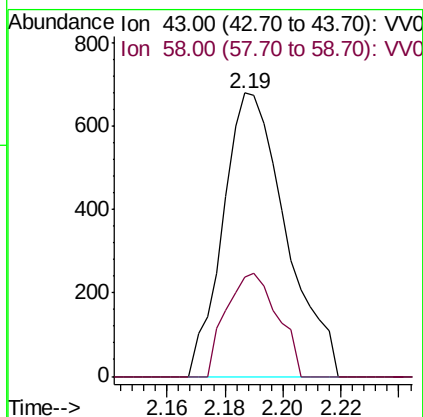
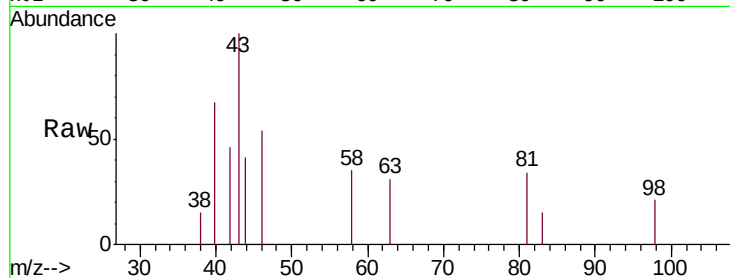
VBLK77

Tgt Ion: 43 Resp: 1020

Ion Ratio Lower Upper

43 100

58 29.7 0.0 58.2



#25

Chloroform

Concen: 2.526 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. 0.01 min

Lab File: VV010631.D

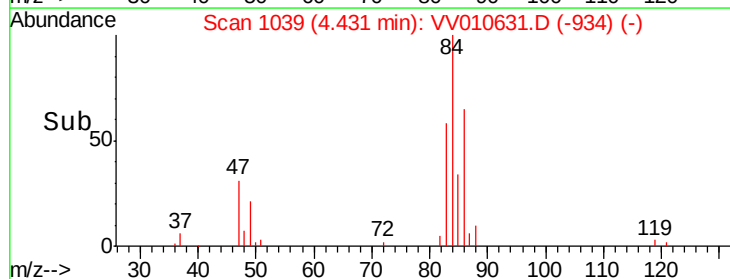
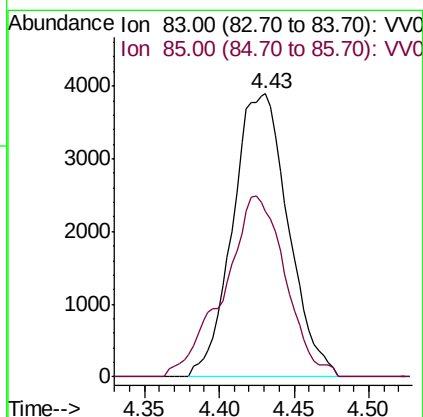
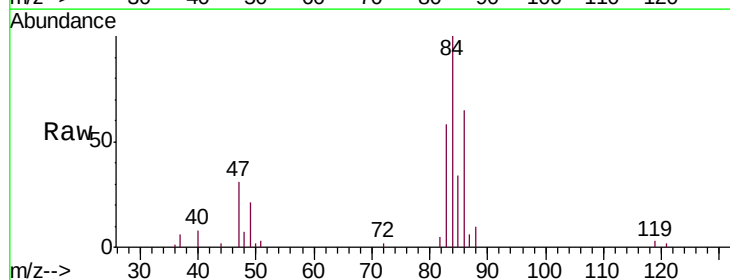
Acq: 02 May 2019 16:30

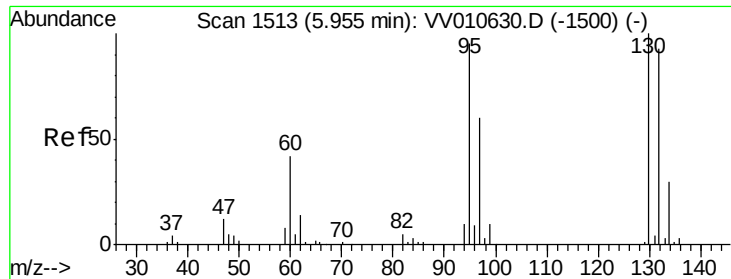
Tgt Ion: 83 Resp: 10046

Ion Ratio Lower Upper

83 100

85 70.8 46.3 86.1





#35

Trichloroethene

Concen: 2.006 ug/L

RT: 5.66 min Scan# 1422

Delta R.T. -0.29 min

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Instrument :

MSVOA_V

ClientSampleId :

VBLK77

Tgt Ion: 95 Resp: 4468

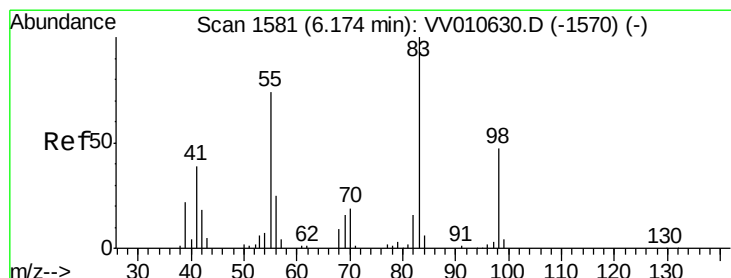
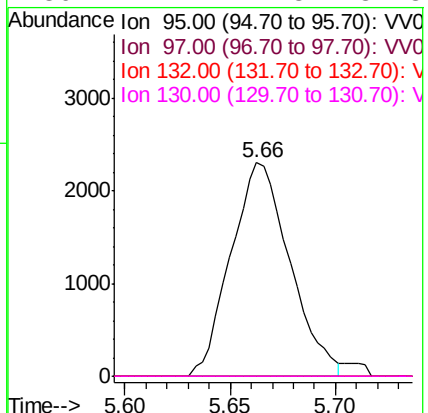
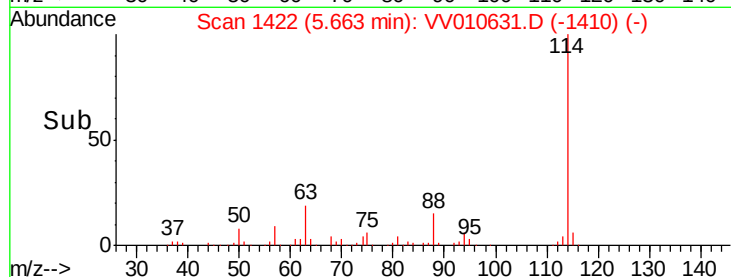
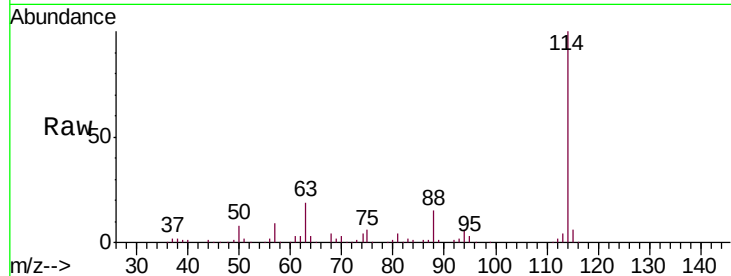
Ion Ratio Lower Upper

95 100

97 0.0 45.0 83.6#

132 1.6 69.9 129.9#

130 2.4 71.3 132.3#



#36

Methylcyclohexane

Concen: 4.959 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

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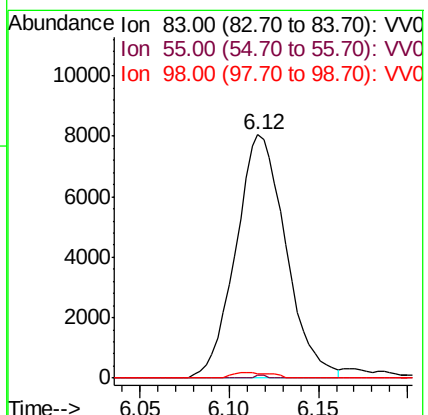
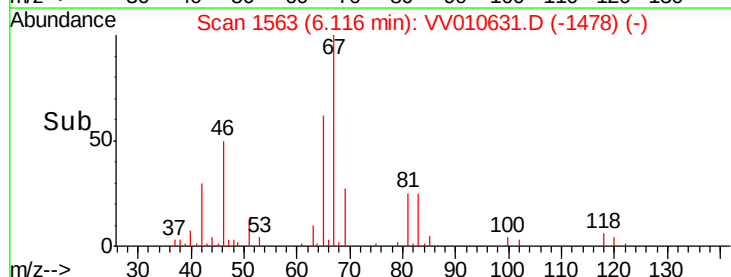
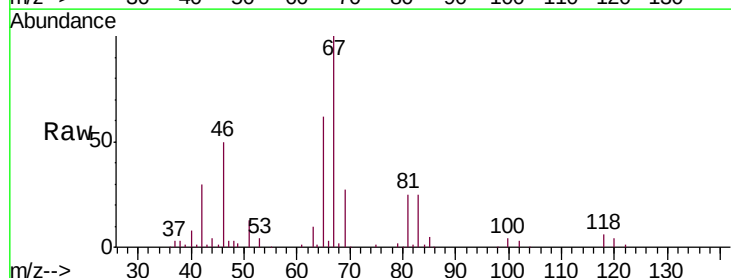
Tgt Ion: 83 Resp: 15782

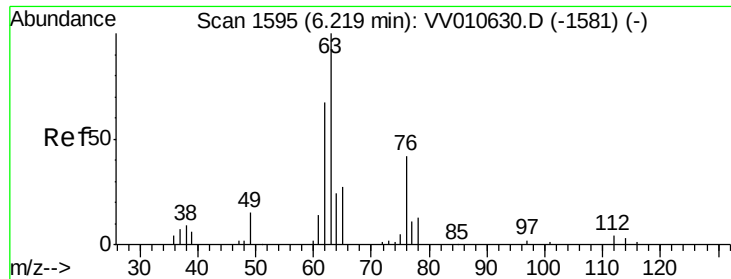
Ion Ratio Lower Upper

83 100

55 0.3 61.4 92.0#

98 1.5 37.4 56.2#

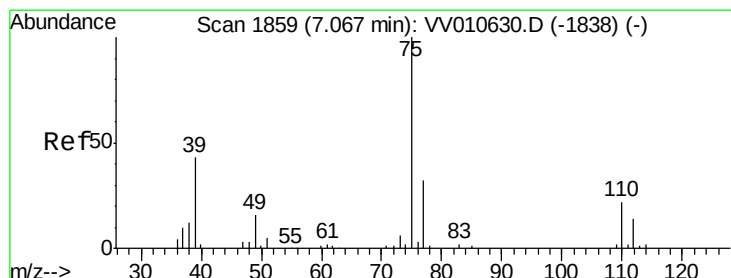
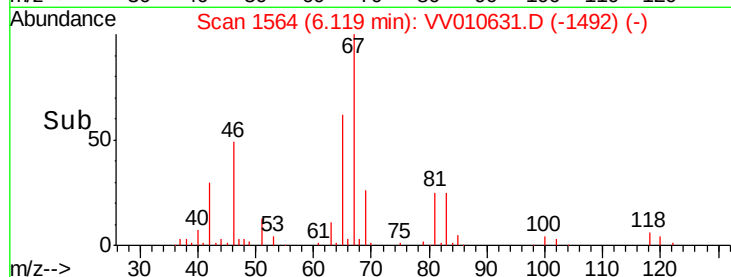
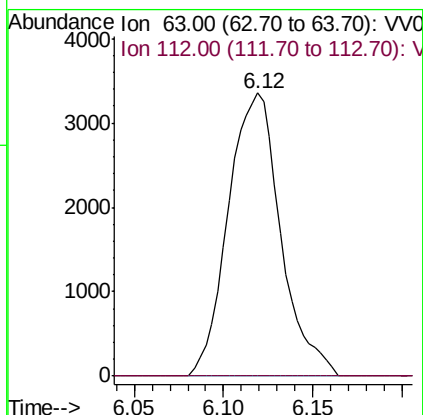
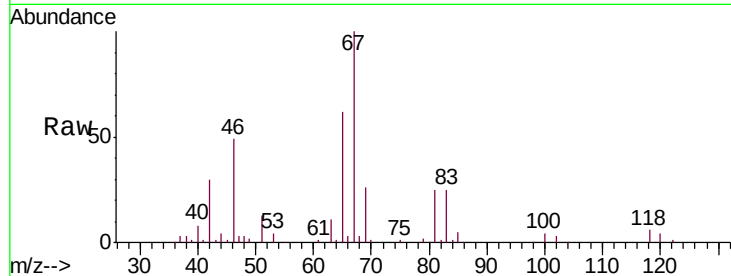




#40
 1,2-Dichloropropane
 Concen: 3.387 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV010631.D
 Acq: 02 May 2019 16:30

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK77

Tgt Ion: 63 Resp: 6880
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#42
 cis-1,3-Dichloropropene
 Concen: 0.633 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV010631.D
 Acq: 02 May 2019 16:30

Tgt Ion: 75 Resp: 1882
 Ion Ratio Lower Upper
 75 100
 77 47.2 21.8 40.4#

