

Data File : VV010905.D
Acq On : 15 May 2019 19:56
Operator : SY/MD
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK

Quant Time: May 16 08:12:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 08:09:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	127419	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	124375	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55909	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39886	24.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.28%
7) Chloroethane-d5	1.56	69	28516	26.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.80%
10) 1,1-Dichloroethene-d2	2.12	63	58272	18.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.88%
20) 2-Butanone-d5	3.94	46	28988	56.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.52%
24) Chloroform-d	4.40	84	74739	20.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.28%
26) 1,2-Dichloroethane-d4	5.08	65	49285	23.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.24%
29) Benzene-d6	5.09	84	165713	24.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.28%
33) 1,2-Dichloropropane-d6	6.12	67	54603	24.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.44%
37) Toluene-d8	7.36	98	150694	22.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.12%
38) trans-1,3-Dichloropropene-	7.66	79	20782	21.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.76%
39) 2-Hexanone-d5	8.13	63	19424	46.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.34%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50505	24.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.16%
61) 1,2-Dichlorobenzene-d4	11.67	152	56139	24.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.16%

Target Compounds

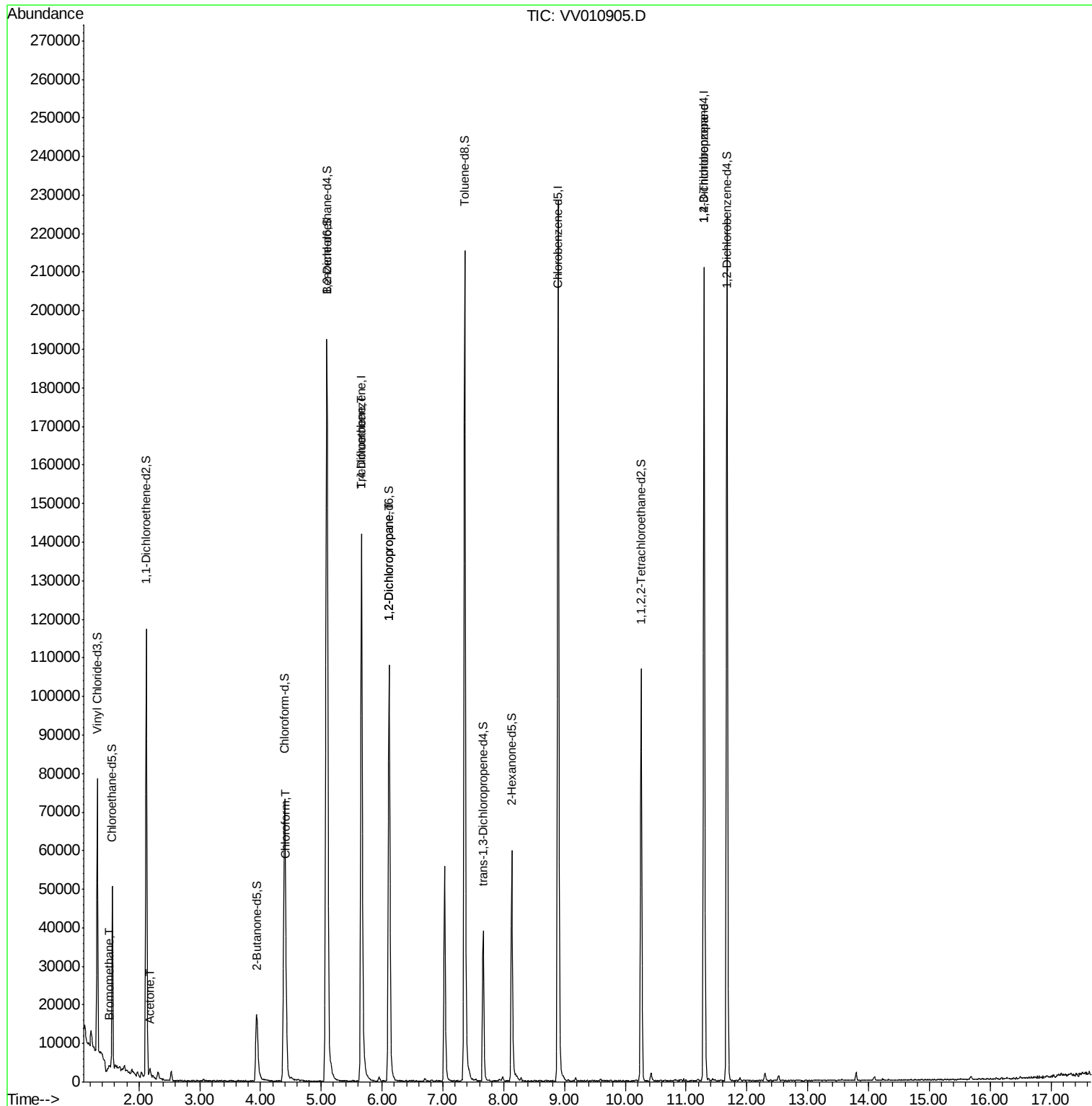
					Qvalue
6) Bromomethane	1.51	94	456	1.078 ug/L	70
13) Acetone	2.19	43	814	1.565 ug/L	71
25) Chloroform	4.42	83	7048	1.919 ug/L	89
35) Trichloroethene	5.66	95	3732	1.986 ug/L #	5
40) 1,2-Dichloropropane	6.12	63	5765	2.920 ug/L #	88
59) 1,2,3-Trichloropropane	11.29	75	6903	4.537 ug/L	92

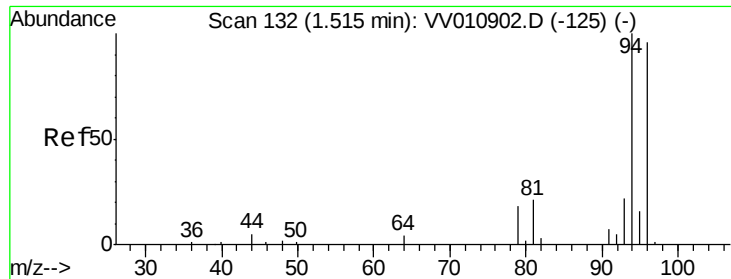
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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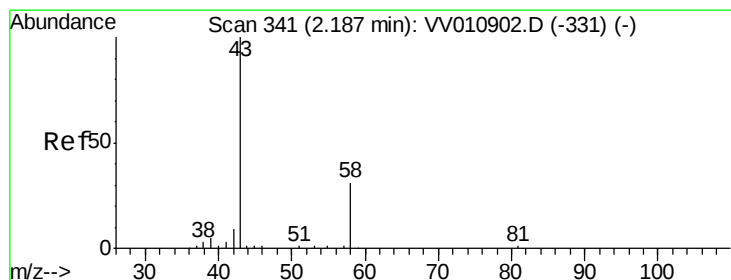
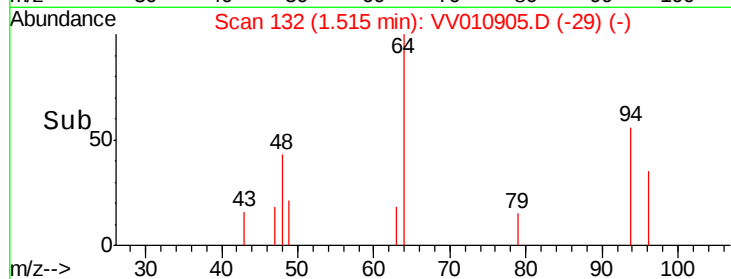
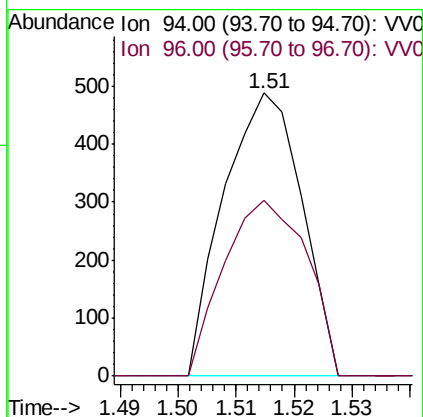
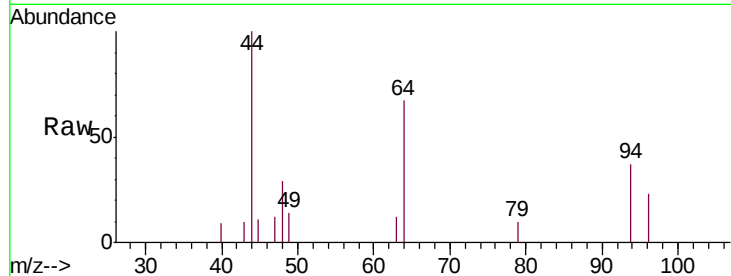




#6
 Bromomethane
 Concen: 1.078 ug/L
 RT: 1.51 min Scan# 132
 Delta R.T. -0.00 min
 Lab File: VV010905.D
 Acq: 15 May 2019 19:56

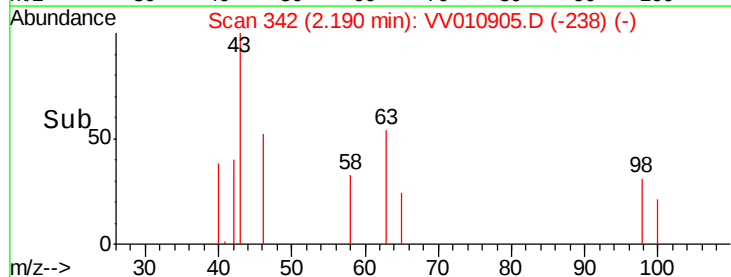
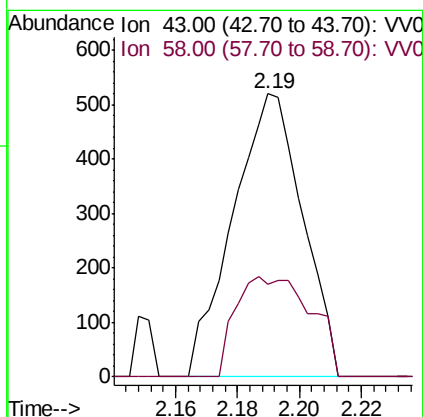
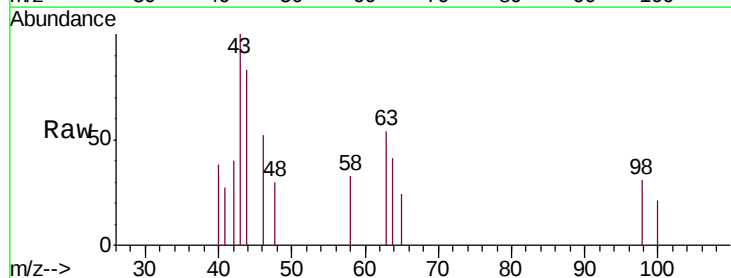
Instrument :
 MSVOA_V
 ClientSampled :
 VIBLK

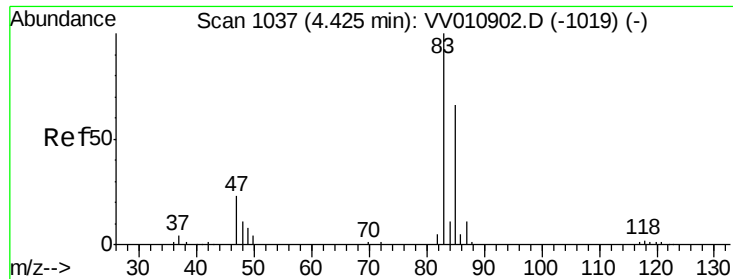
Tgt Ion: 94 Resp: 456
 Ion Ratio Lower Upper
 94 100
 96 66.0 9.6 181.6



#13
 Acetone
 Concen: 1.565 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VV010905.D
 Acq: 15 May 2019 19:56

Tgt Ion: 43 Resp: 814
 Ion Ratio Lower Upper
 43 100
 58 18.1 0.0 69.2

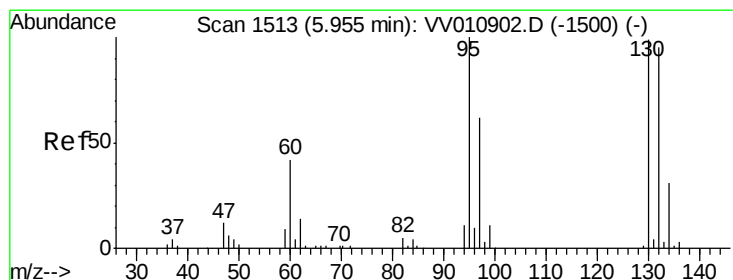
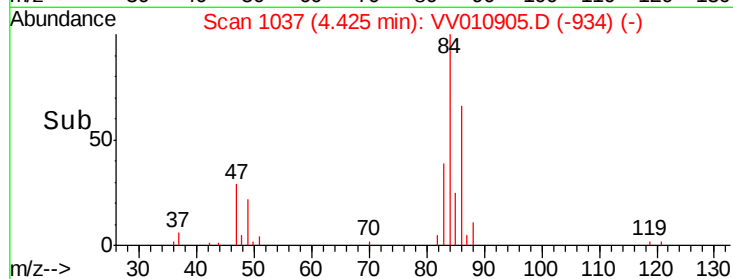
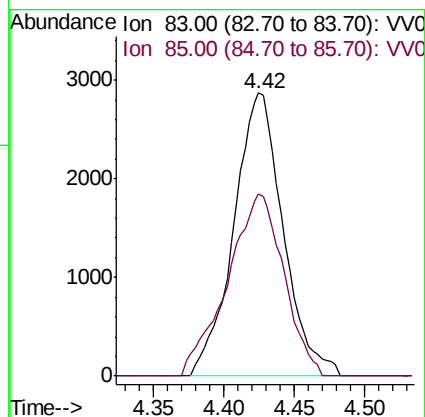
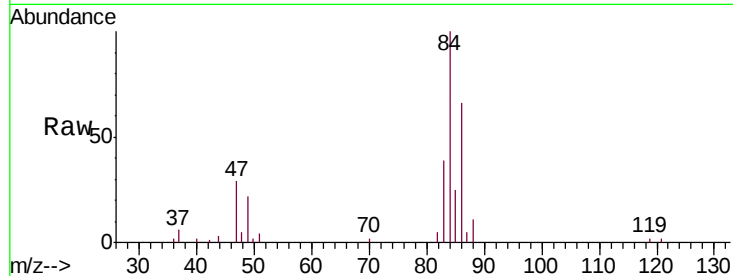




#25
Chloroform
Concen: 1.919 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV010905.D
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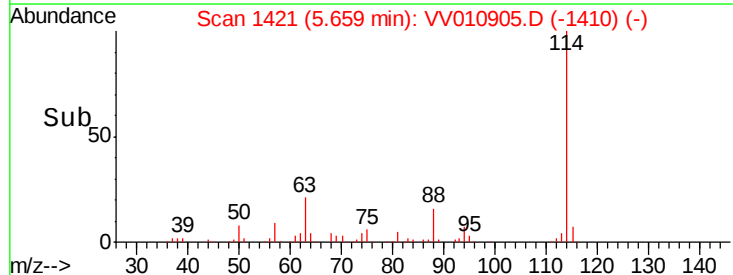
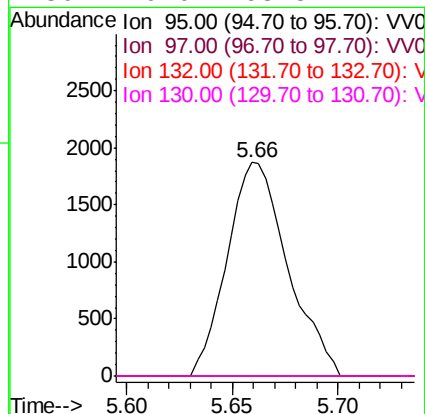
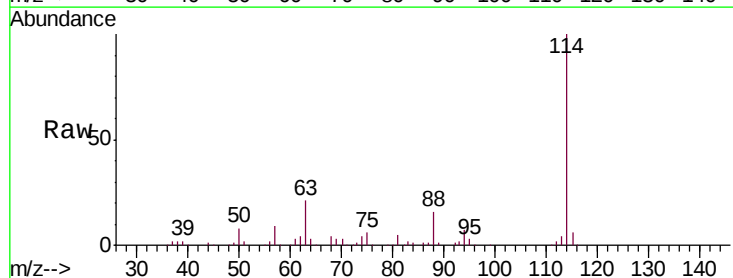
Instrument :
MSVOA_V
ClientSampled :
VIBLK

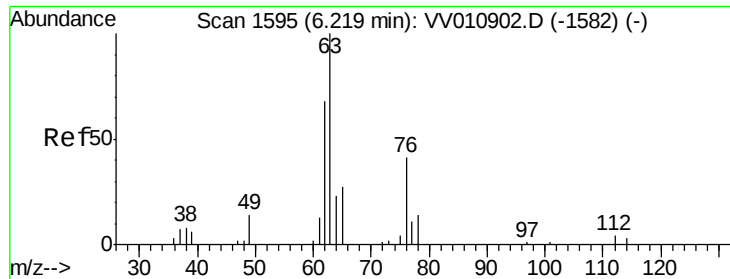
Tgt Ion: 83 Resp: 7048
Ion Ratio Lower Upper
83 100
85 73.0 45.3 84.1



#35
Trichloroethene
Concen: 1.986 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.30 min
Lab File: VV010905.D
Acq: 15 May 2019 19:56

Tgt Ion: 95 Resp: 3732
Ion Ratio Lower Upper
95 100
97 0.0 46.0 85.4#
132 0.0 67.4 125.2#
130 0.0 68.5 127.1#

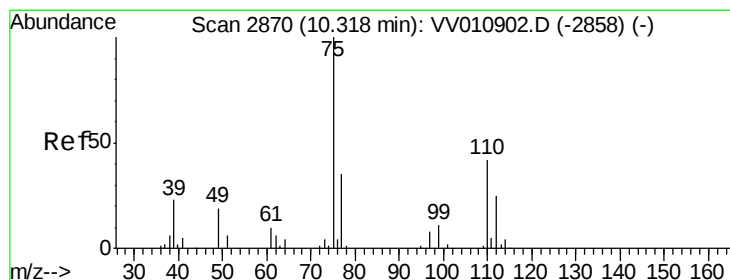
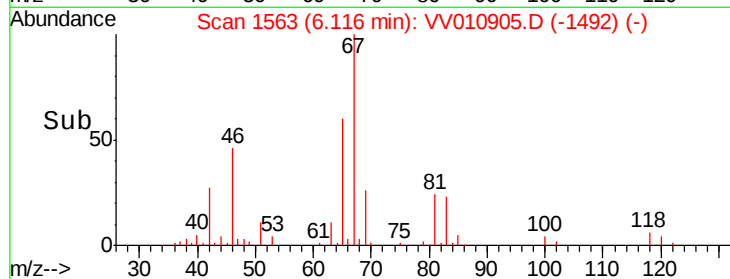
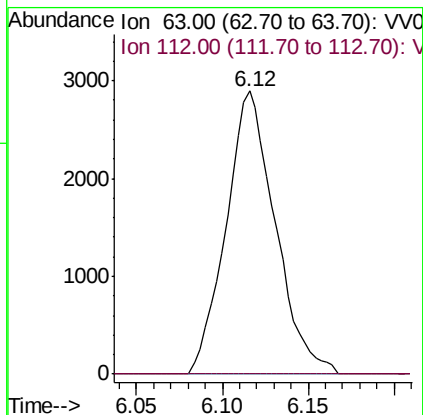
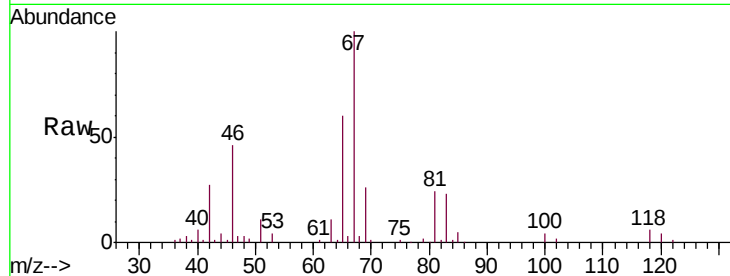




#40
 1,2-Dichloropropane
 Concen: 2.920 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
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Tgt Ion: 63 Resp: 5765
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#59
 1,2,3-Trichloropropane
 Concen: 4.537 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV010905.D
 Acq: 15 May 2019 19:56

Tgt Ion: 75 Resp: 6903
 Ion Ratio Lower Upper
 75 100
 77 37.7 26.4 39.6

