

Data File : VV010908.D
Acq On : 15 May 2019 21:48
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 08:13:28 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	124333	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	125203	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54533	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37477	23.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.64%
7) Chloroethane-d5	1.56	69	28125	27.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.96%
10) 1,1-Dichloroethene-d2	2.12	63	54200	18.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.32%
20) 2-Butanone-d5	3.94	46	28344	56.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.74%
24) Chloroform-d	4.40	84	74040	20.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.52%
26) 1,2-Dichloroethane-d4	5.08	65	48093	23.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.28%
29) Benzene-d6	5.10	84	163794	23.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.56%
33) 1,2-Dichloropropane-d6	6.12	67	52702	23.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.36%
37) Toluene-d8	7.36	98	147406	22.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.56%
38) trans-1,3-Dichloropropene-	7.66	79	20265	21.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.04%
39) 2-Hexanone-d5	8.13	63	20260	48.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.72%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	49127	23.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	56018	24.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.36%

Target Compounds

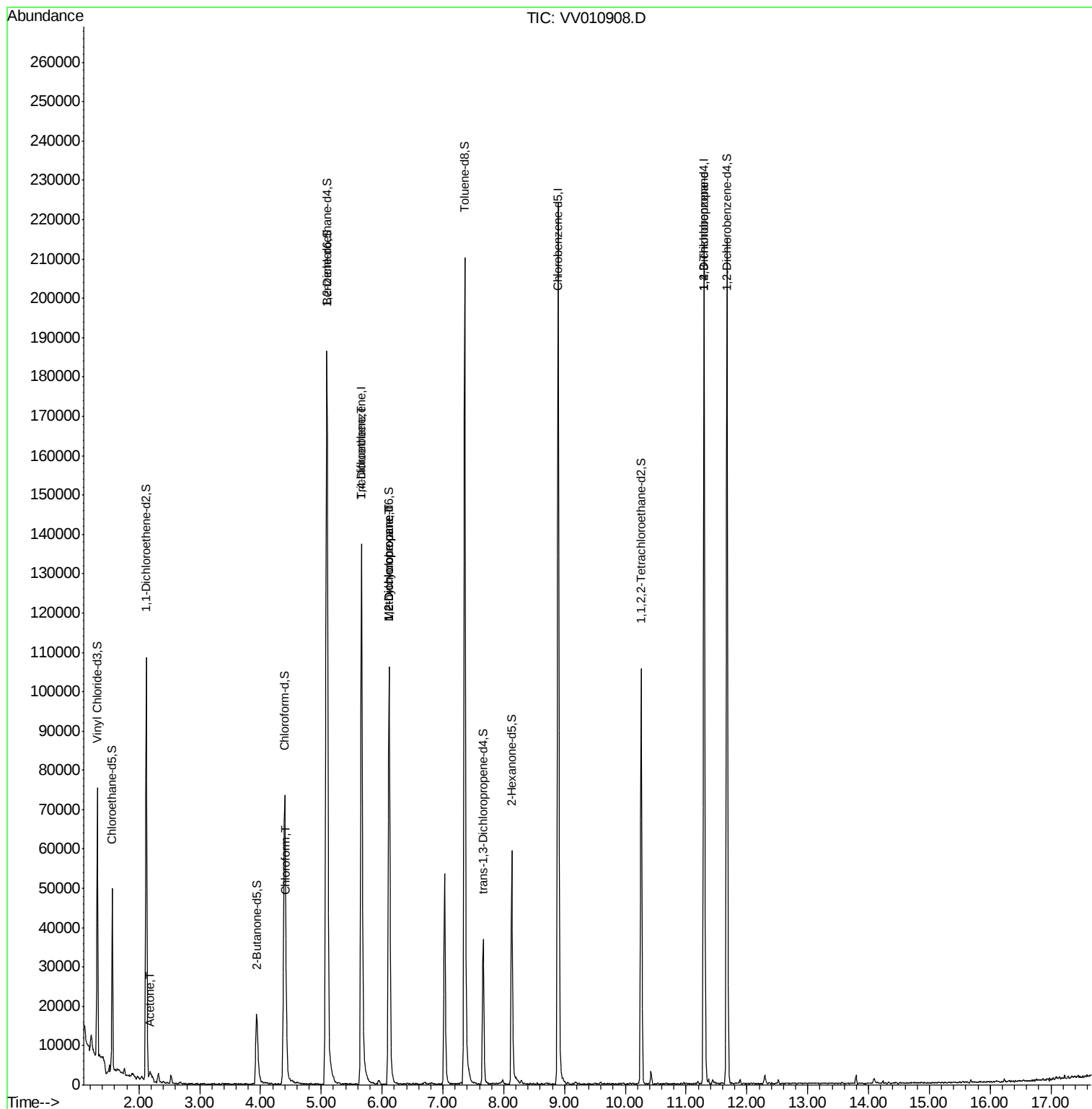
					Qvalue
13) Acetone	2.19	43	1205	2.374 ug/L	86
25) Chloroform	4.43	83	7449	2.078 ug/L	88
35) Trichloroethene	5.66	95	3634	1.921 ug/L #	5
36) Methylcyclohexane	6.12	83	12289	4.669 ug/L #	19
40) 1,2-Dichloropropane	6.12	63	5640	2.838 ug/L #	88
59) 1,2,3-Trichloropropane	11.30	75	6959	4.543 ug/L	95

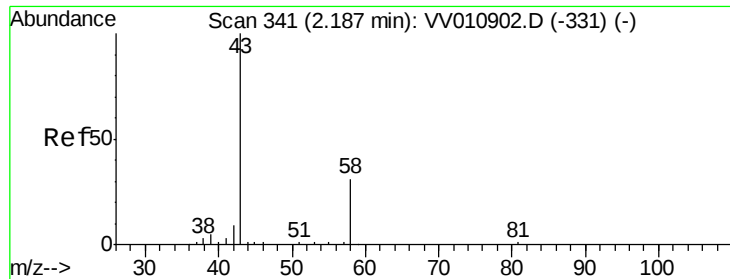
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.374 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Acq: 15 May 2019 21:48

Instrument :

MSVOA_V

ClientSampleId :

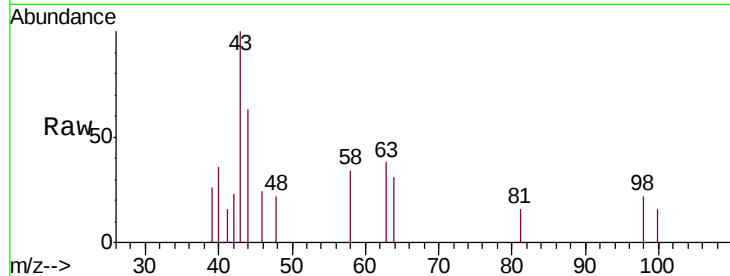
VIBLK

Tgt Ion: 43 Resp: 1205

Ion Ratio Lower Upper

43 100

58 26.4 0.0 69.2



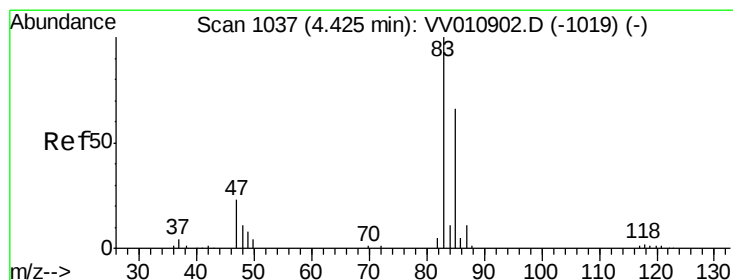
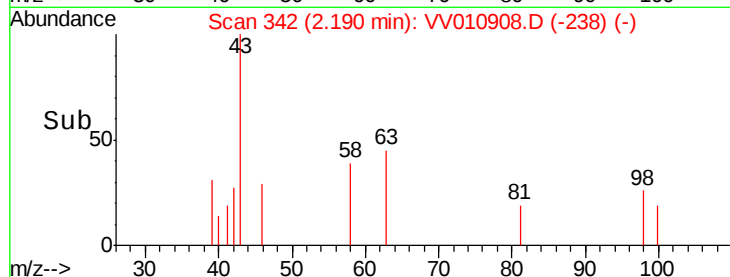
Abundance Ion 43.00 (42.70 to 43.70): VV010902.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010902.D (-331) (-)

2.19

2.16 2.18 2.20 2.22

Time-->



#25

Chloroform

Concen: 2.078 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

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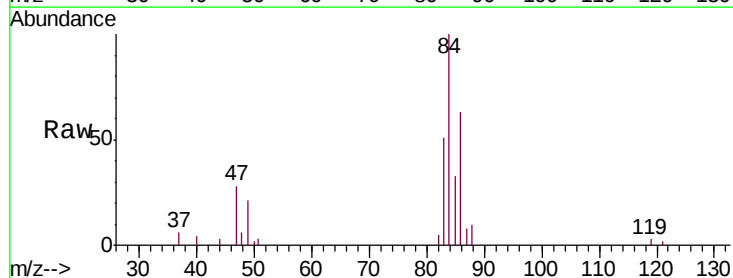
Acq: 15 May 2019 21:48

Tgt Ion: 83 Resp: 7449

Ion Ratio Lower Upper

83 100

85 73.8 45.3 84.1



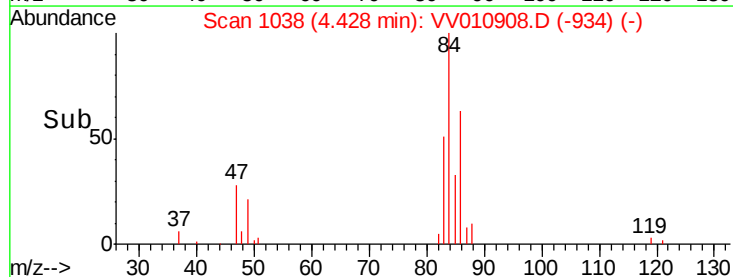
Abundance Ion 83.00 (82.70 to 83.70): VV010902.D (-1019) (-)

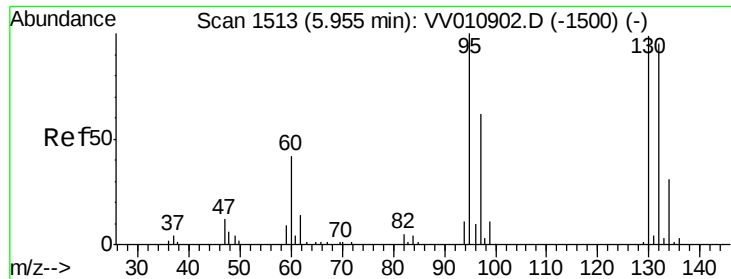
Ion 85.00 (84.70 to 85.70): VV010902.D (-1019) (-)

4.43

4.35 4.40 4.45 4.50

Time-->

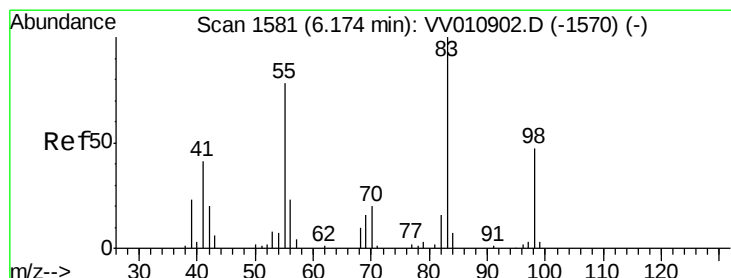
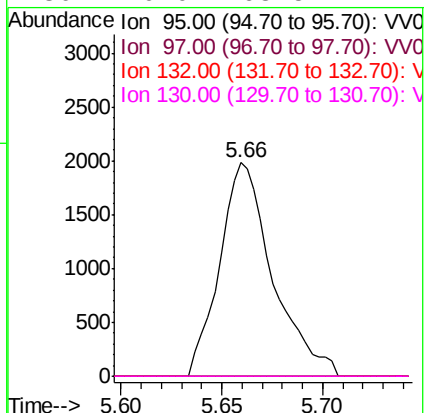
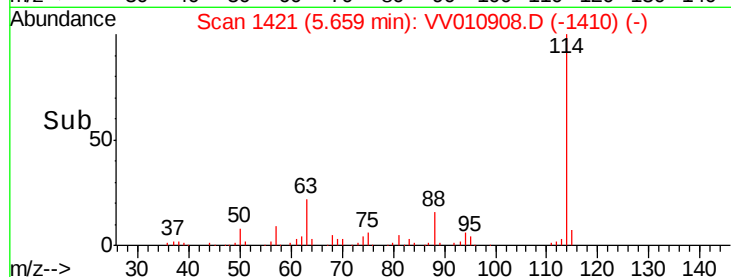
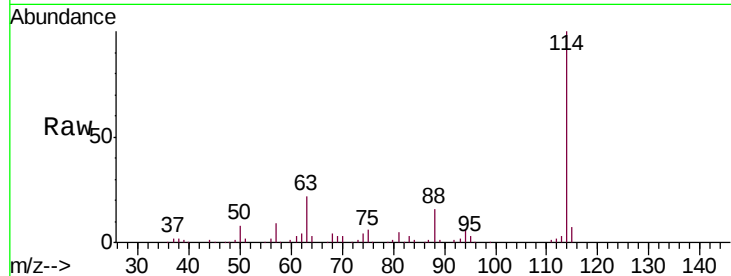




#35
 Trichloroethene
 Concen: 1.921 ug/L
 RT: 5.66 min Scan# 1421
 Delta R.T. -0.30 min
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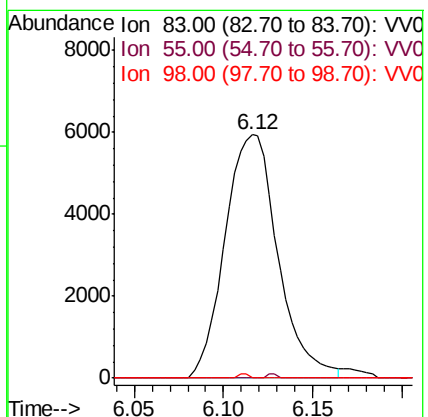
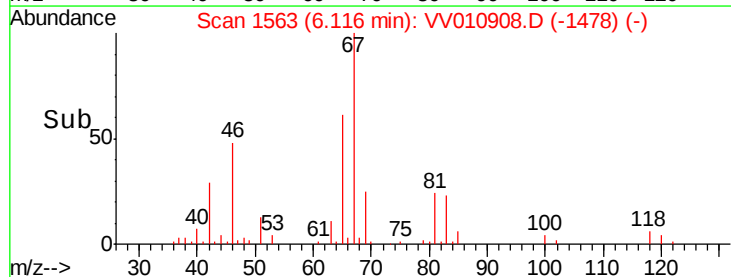
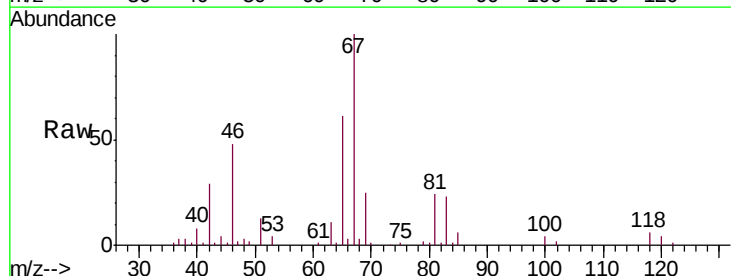
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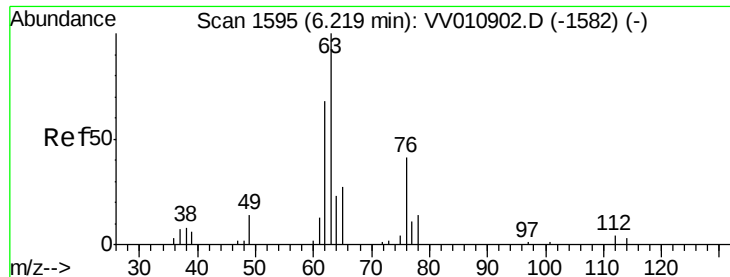
Tgt Ion: 95 Resp: 3634
 Ion Ratio Lower Upper
 95 100
 97 0.0 46.0 85.4#
 132 0.0 67.4 125.2#
 130 0.0 68.5 127.1#



#36
 Methylcyclohexane
 Concen: 4.669 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.06 min
 Lab File: VV010908.D
 Acq: 15 May 2019 21:48

Tgt Ion: 83 Resp: 12289
 Ion Ratio Lower Upper
 83 100
 55 0.3 61.0 91.4#
 98 0.3 37.2 55.8#

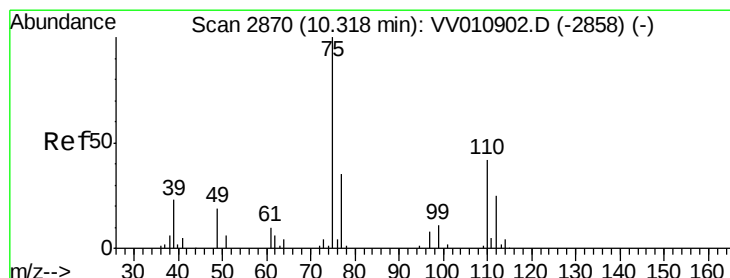
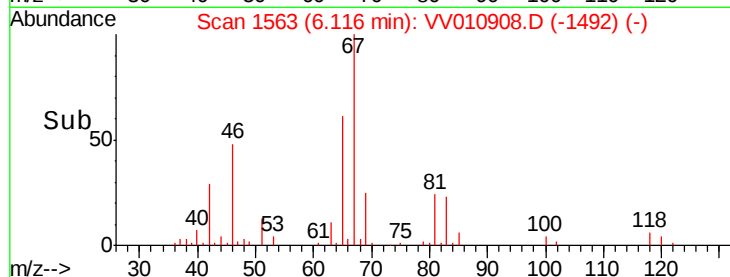
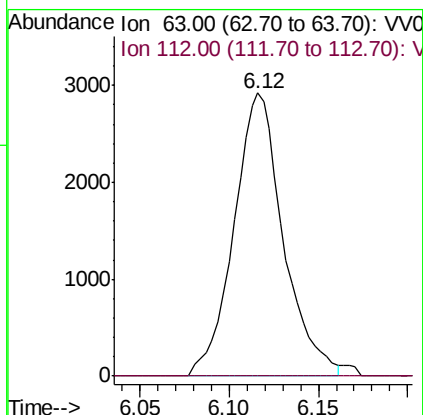
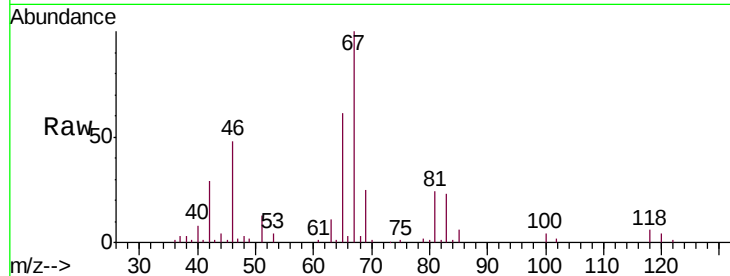




#40
 1,2-Dichloropropane
 Concen: 2.838 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV010908.D
 Acq: 15 May 2019 21:48

Instrument :
 MSVOA_V
 ClientSampled :
 VIBLK

Tgt Ion: 63 Resp: 5640
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#59
 1,2,3-Trichloropropane
 Concen: 4.543 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010908.D
 Acq: 15 May 2019 21:48

Tgt Ion: 75 Resp: 6959
 Ion Ratio Lower Upper
 75 100
 77 35.9 26.4 39.6

