

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072118\
 Data File : VV006679.D
 Acq On : 21 Jul 2018 11:36
 Operator : SY/MD
 Sample : VV0721WBL01
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK69

Quant Time: Jul 22 23:06:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Jul 22 23:06:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	263085	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	241167	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	100126	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77042	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.58	69	62022	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.13	63	114331	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	3.95	46	127642	31.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	63.66%
24) Chloroform-d	4.40	84	138406	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.09	65	70222	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.10	84	307471	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.12	67	97263	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.36	98	264789	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.67	79	28891	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.14	63	150563	43.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.64%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	67145	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	90937	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

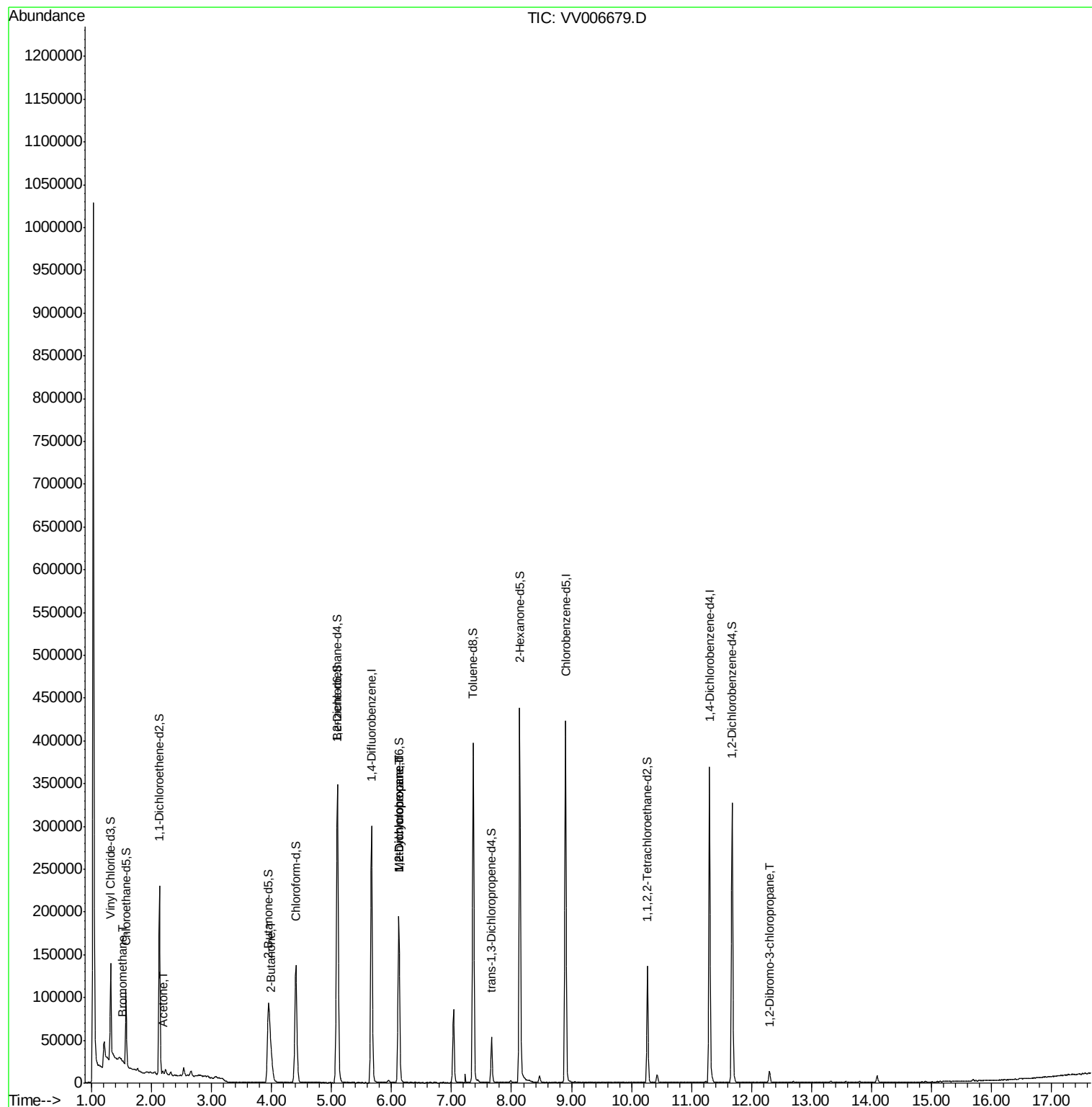
					Qvalue
6) Bromomethane	1.53	94	1636	0.211 ug/L	91
13) Acetone	2.19	43	1224	0.398 ug/L	96
21) 2-Butanone	3.99	43	7233	1.404 ug/L #	48
35) Methylcyclohexane	6.12	83	23359	0.652 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	9609	0.444 ug/L #	86
66) 1,2-Dibromo-3-chloropropan	12.30	75	545	0.263 ug/L #	1

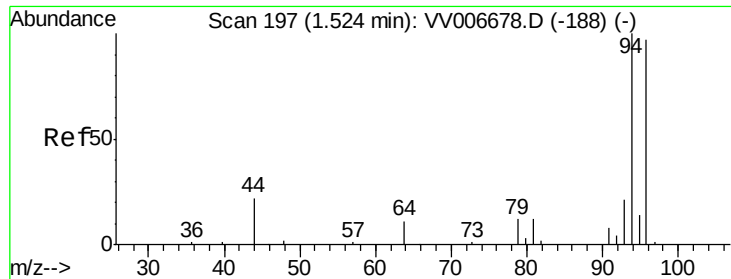
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Bromomethane

Concen: 0.211 ug/L

RT: 1.53 min Scan# 198

Delta R.T. 0.00 min

Lab File: VV006679.D

Acq: 21 Jul 2018 11:36

Instrument :

MSVOA_V

ClientSampled :

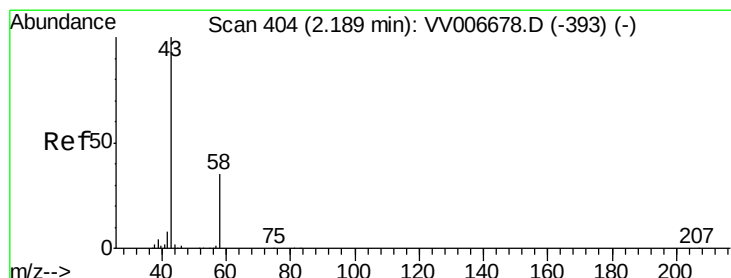
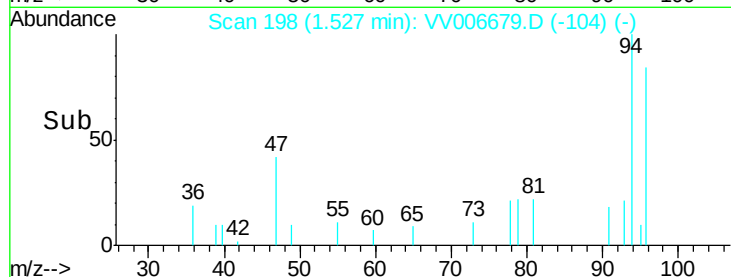
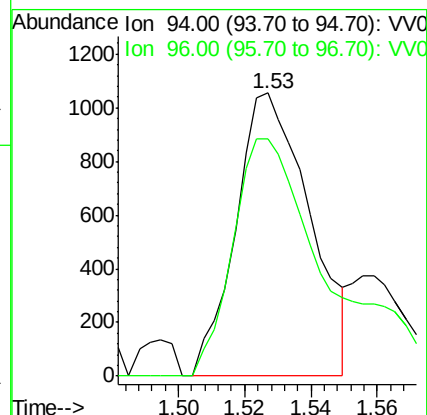
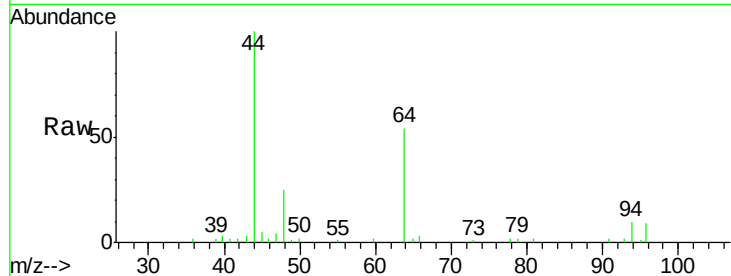
VBLK69

Tgt Ion: 94 Resp: 1636

Ion Ratio Lower Upper

94 100

96 83.8 64.5 119.7



#13

Acetone

Concen: 0.398 ug/L

RT: 2.19 min Scan# 404

Delta R.T. -0.00 min

Lab File: VV006679.D

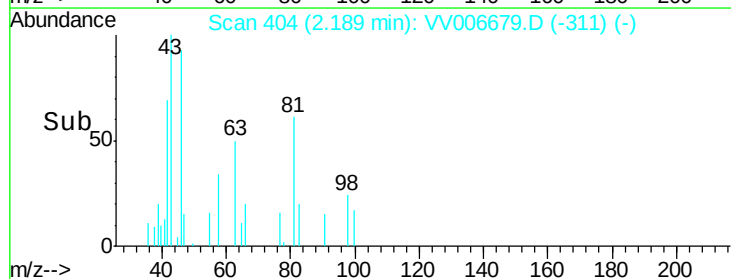
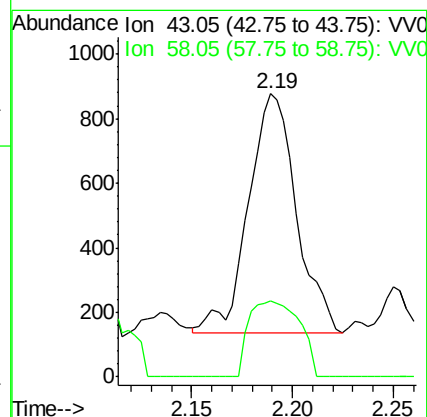
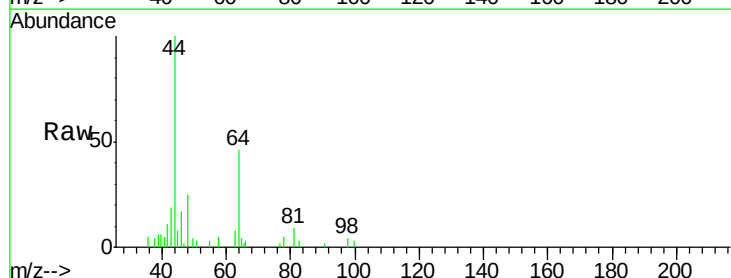
Acq: 21 Jul 2018 11:36

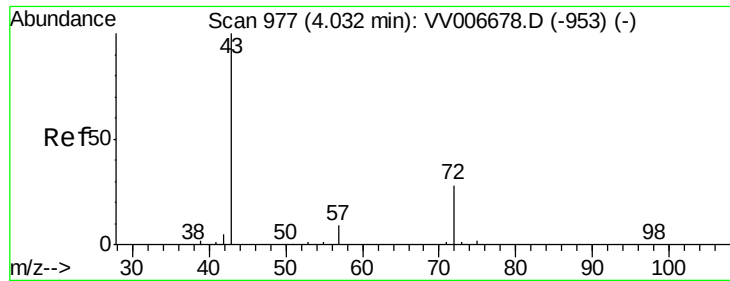
Tgt Ion: 43 Resp: 1224

Ion Ratio Lower Upper

43 100

58 33.8 0.0 72.8





#21

2-Butanone

Concen: 1.404 ug/L

RT: 3.99 min Scan# 965

Delta R.T. -0.04 min

Lab File: VV006679.D

Acq: 21 Jul 2018 11:36

Instrument :

MSVOA_V

ClientSampleId :

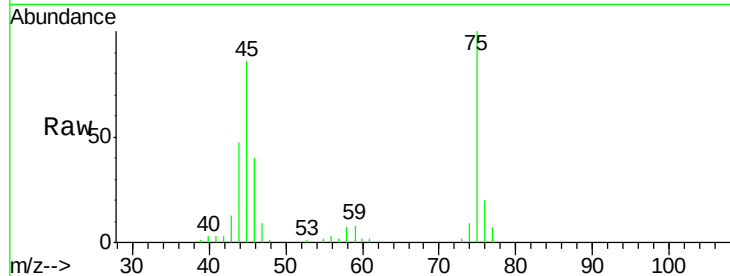
VBLK69

Tgt Ion: 43 Resp: 7233

Ion Ratio Lower Upper

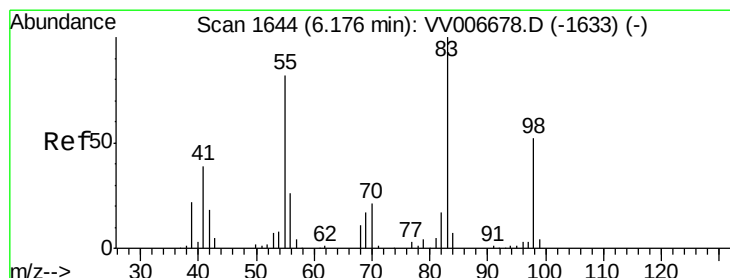
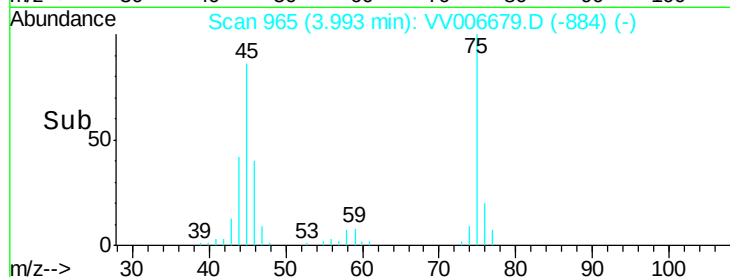
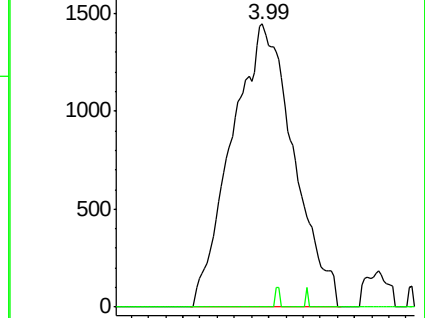
43 100

72 0.6 13.9 41.6#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0



#35

Methylcyclohexane

Concen: 0.652 ug/L

RT: 6.12 min Scan# 1627

Delta R.T. -0.05 min

Lab File: VV006679.D

Acq: 21 Jul 2018 11:36

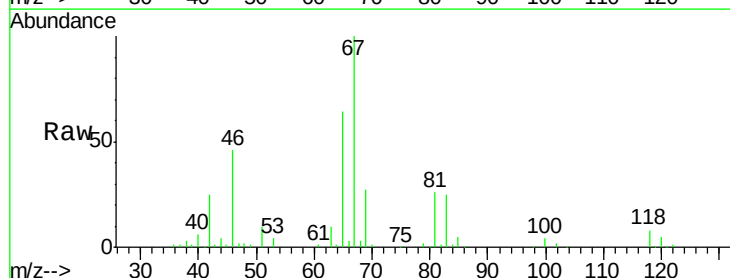
Tgt Ion: 83 Resp: 23359

Ion Ratio Lower Upper

83 100

55 0.1 61.3 91.9#

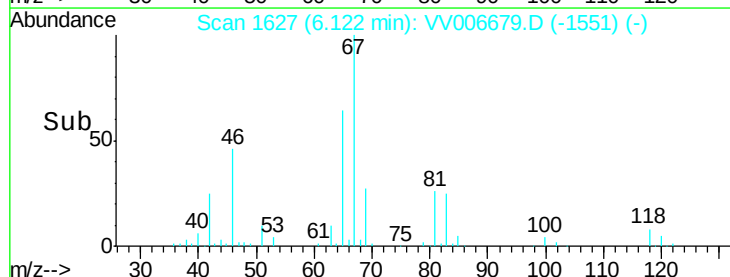
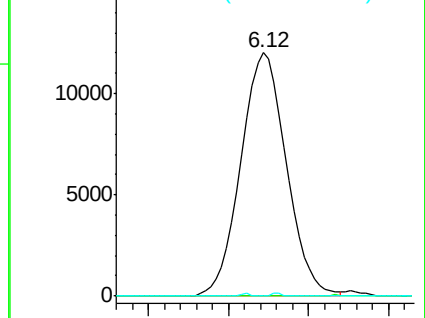
98 0.2 39.4 59.0#

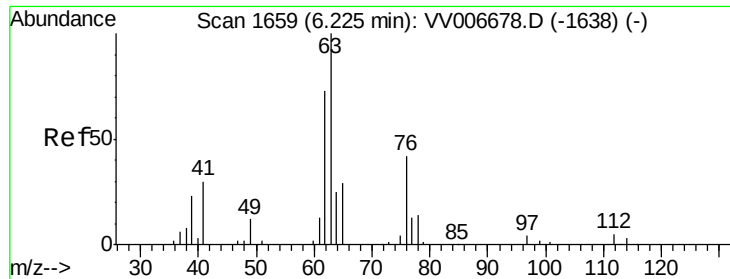


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

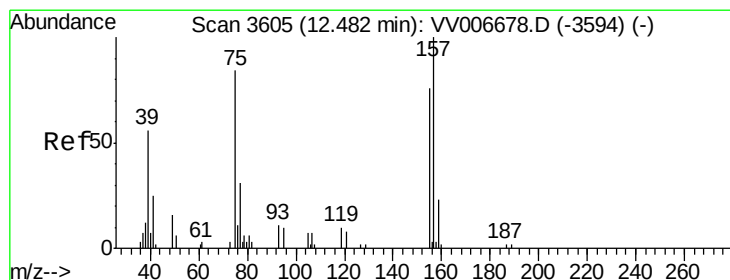
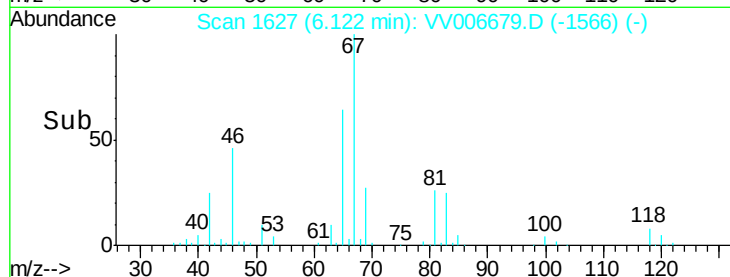
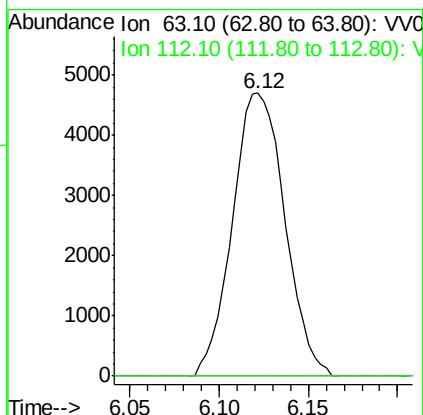
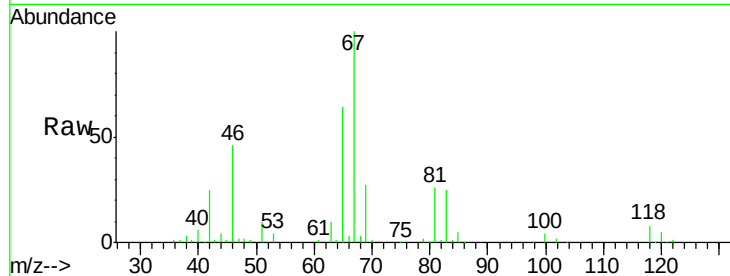




#37
 1,2-Dichloropropane
 Concen: 0.444 ug/L
 RT: 6.12 min Scan# 1627
 Delta R.T. -0.10 min
 Lab File: VV006679.D
 Acq: 21 Jul 2018 11:36

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK69

Tgt Ion: 63 Resp: 9609
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.263 ug/L
 RT: 12.30 min Scan# 3548
 Delta R.T. -0.18 min
 Lab File: VV006679.D
 Acq: 21 Jul 2018 11:36

Tgt Ion: 75 Resp: 545
 Ion Ratio Lower Upper
 75 100
 155 0.0 69.8 104.6#
 157 0.0 95.0 142.6#

