

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072118\
 Data File : VV006684.D
 Acq On : 21 Jul 2018 14:09
 Operator : SY/MD
 Sample : J4078-11
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC1

Quant Time: Jul 22 23:07:24 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	222449	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	204833	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	86423	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81336	5.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.20%
7) Chloroethane-d5	1.58	69	61189	5.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.20%
11) 1,1-Dichloroethene-d2	2.13	63	115141	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	3.96	46	56666	16.71	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	33.42%#
24) Chloroform-d	4.41	84	137577	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.09	65	67581	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
32) Benzene-d6	5.10	84	300269	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
36) 1,2-Dichloropropane-d6	6.12	67	92442	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.36	98	260126	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
43) trans-1,3-Dichloropropene-	7.67	79	24669	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.14	63	124895	42.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.58%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	61568	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	88460	5.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.80%

Target Compounds

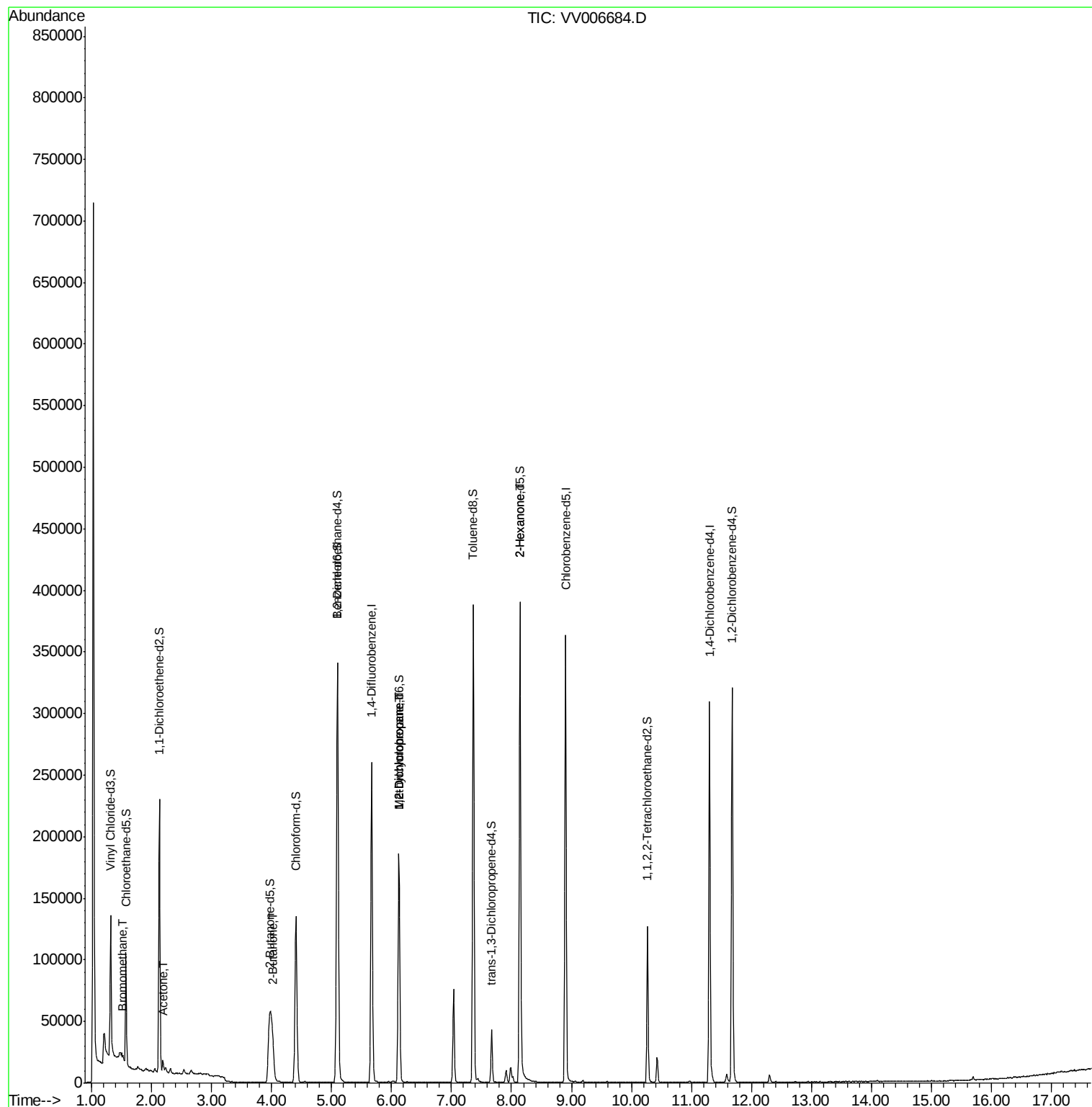
					Qvalue
6) Bromomethane	1.52	94	1941	0.296 ug/L	91
13) Acetone	2.19	43	6391	2.458 ug/L	99
21) 2-Butanone	4.03	43	26035	5.978 ug/L #	72
35) Methylcyclohexane	6.12	83	21672	0.712 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	9297	0.506 ug/L #	86
48) 2-Hexanone	8.14	43	16966	2.443 ug/L #	73

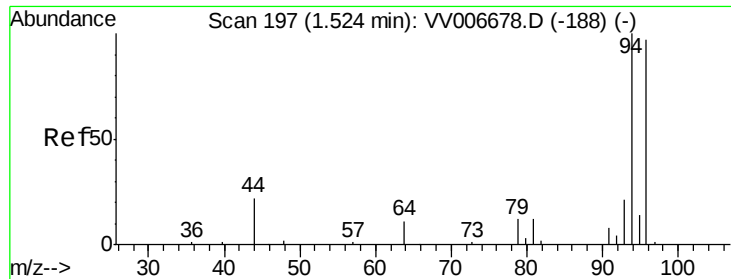
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Jul 22 23:06:02 2018
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.296 ug/L

RT: 1.52 min Scan# 197

Delta R.T. -0.00 min

Lab File: VV006684.D

Acq: 21 Jul 2018 14:09

Instrument :

MSVOA_V

ClientSampled :

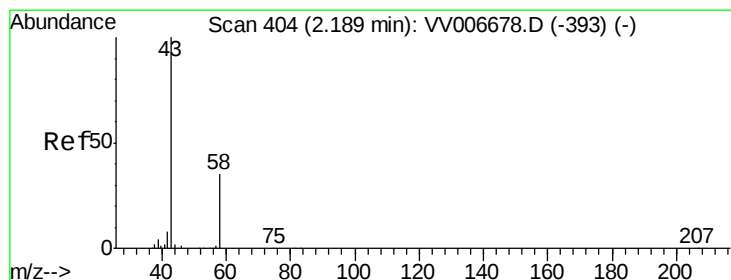
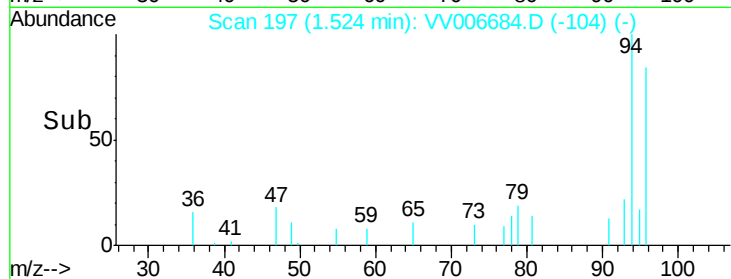
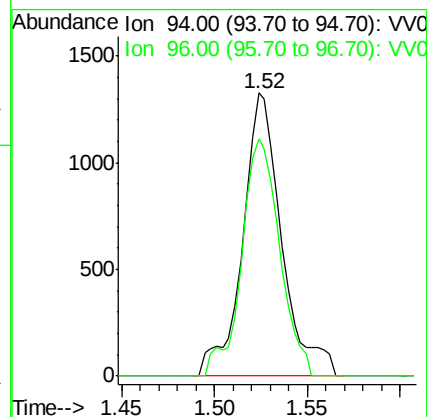
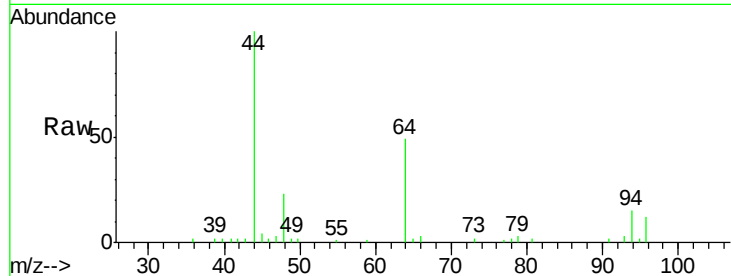
C0AC1

Tgt Ion: 94 Resp: 1941

Ion Ratio Lower Upper

94 100

96 83.8 64.5 119.7



#13

Acetone

Concen: 2.458 ug/L

RT: 2.19 min Scan# 405

Delta R.T. 0.00 min

Lab File: VV006684.D

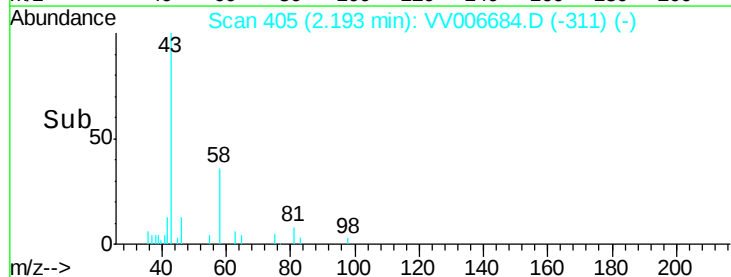
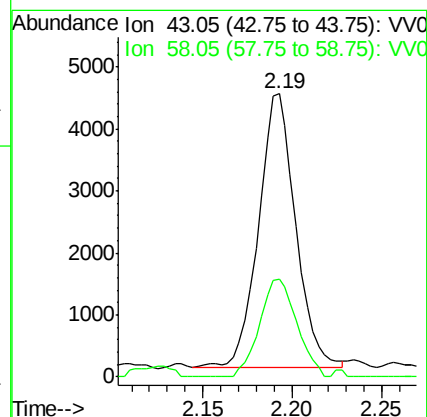
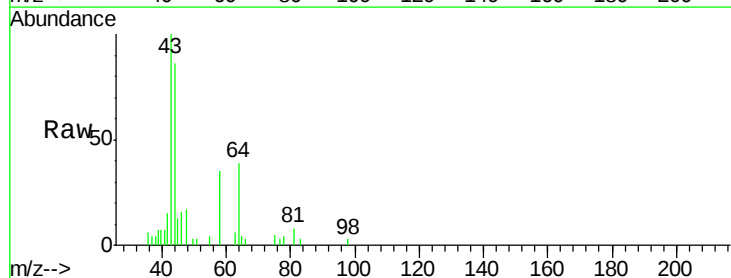
Acq: 21 Jul 2018 14:09

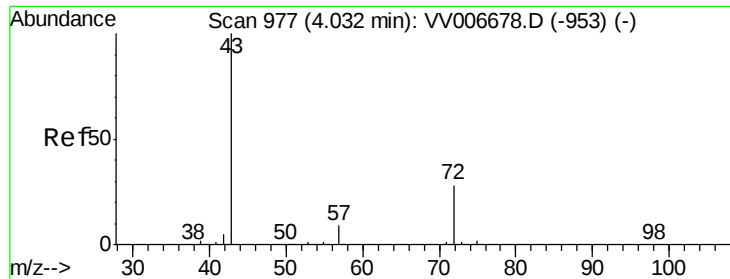
Tgt Ion: 43 Resp: 6391

Ion Ratio Lower Upper

43 100

58 36.1 0.0 72.8





#21

2-Butanone

Concen: 5.978 ug/L

RT: 4.03 min Scan# 975

Delta R.T. -0.01 min

Lab File: VV006684.D

Acq: 21 Jul 2018 14:09

Instrument :

MSVOA_V

ClientSampleId :

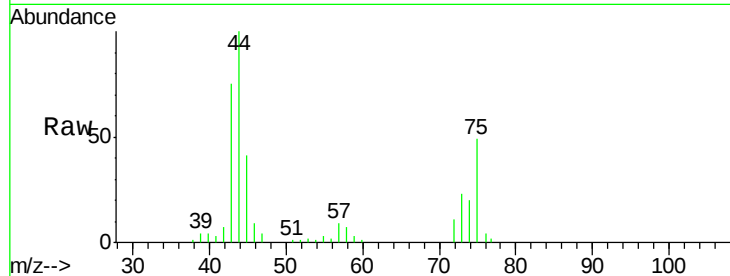
C0AC1

Tgt Ion: 43 Resp: 26035

Ion Ratio Lower Upper

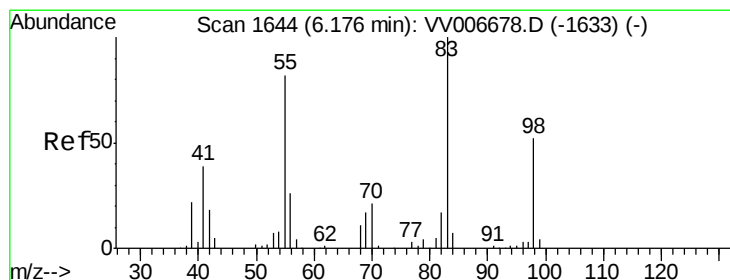
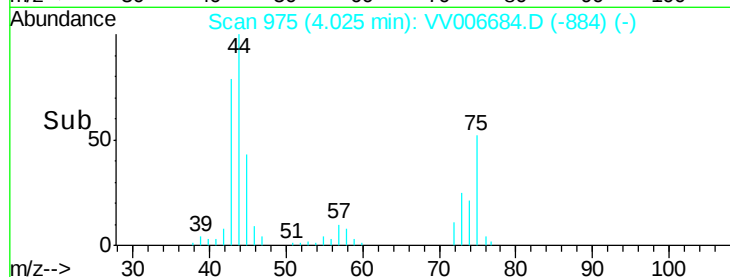
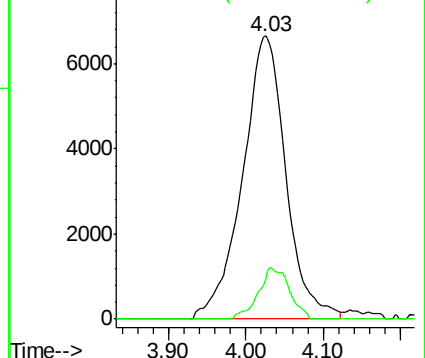
43 100

72 13.0 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: 0.712 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006684.D

Acq: 21 Jul 2018 14:09

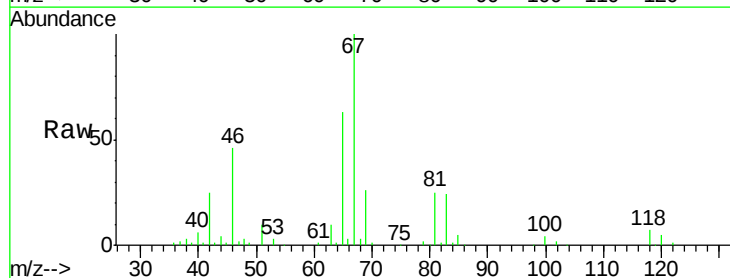
Tgt Ion: 83 Resp: 21672

Ion Ratio Lower Upper

83 100

55 0.4 61.3 91.9#

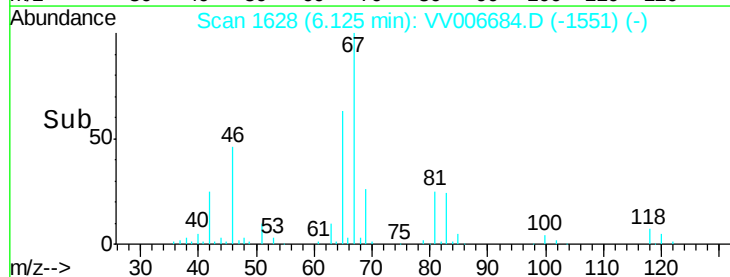
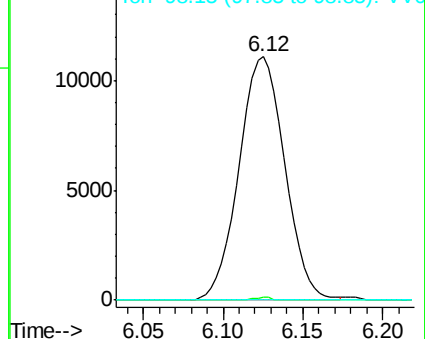
98 0.0 39.4 59.0#

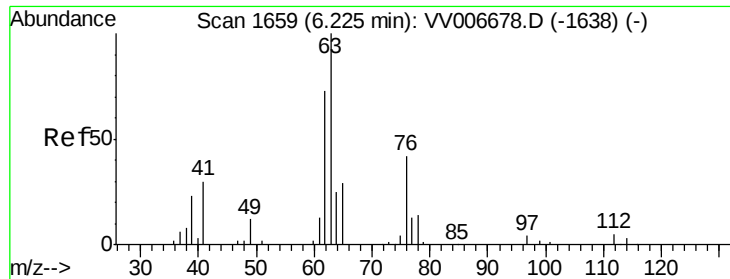


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

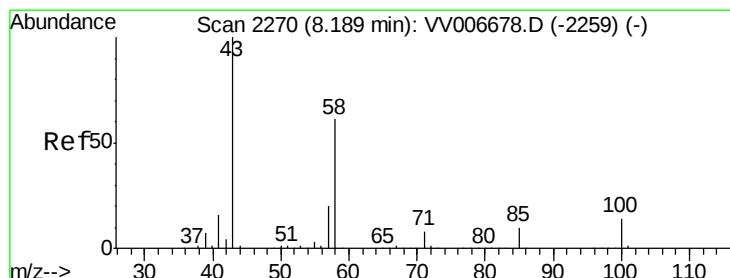
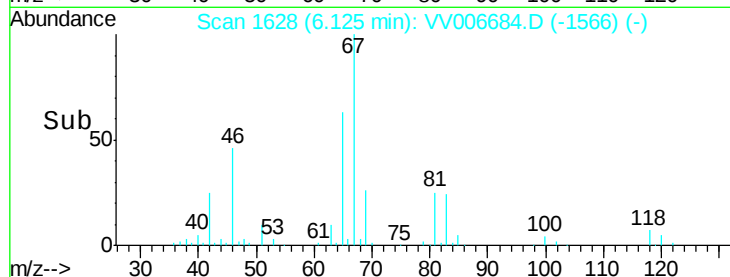
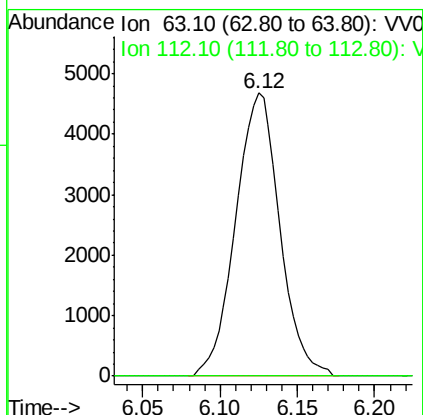
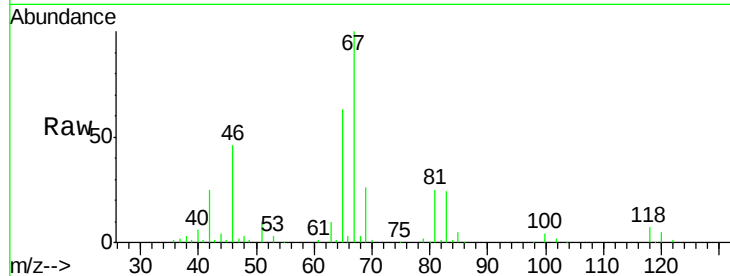




#37
 1,2-Dichloropropane
 Concen: 0.506 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006684.D
 Acq: 21 Jul 2018 14:09

Instrument :
 MSVOA_V
 ClientSampled :
 C0AC1

Tgt Ion: 63 Resp: 9297
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#48
 2-Hexanone
 Concen: 2.443 ug/L
 RT: 8.14 min Scan# 2255
 Delta R.T. -0.05 min
 Lab File: VV006684.D
 Acq: 21 Jul 2018 14:09

Tgt Ion: 43 Resp: 16966
 Ion Ratio Lower Upper
 43 100
 58 38.3 48.2 72.2#
 57 30.3 16.2 24.4#
 100 2.5 11.0 16.4#

