

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072118\
 Data File : VV006680.D
 Acq On : 21 Jul 2018 12:20
 Operator : SY/MD
 Sample : J4078-06
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB0

Quant Time: Jul 22 23:07:04 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	227883	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	209354	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	83595	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83268	5.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.20%
7) Chloroethane-d5	1.58	69	64783	6.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.00%
11) 1,1-Dichloroethene-d2	2.13	63	119622	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	3.95	46	174882	50.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.70%
24) Chloroform-d	4.40	84	144364	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.09	65	70231	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.60%
32) Benzene-d6	5.10	84	313967	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.40%
36) 1,2-Dichloropropane-d6	6.12	67	96290	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	7.36	98	264272	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	7.67	79	24300	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.14	63	138249	46.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.70%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	63114	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	88267	5.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.40%

Target Compounds

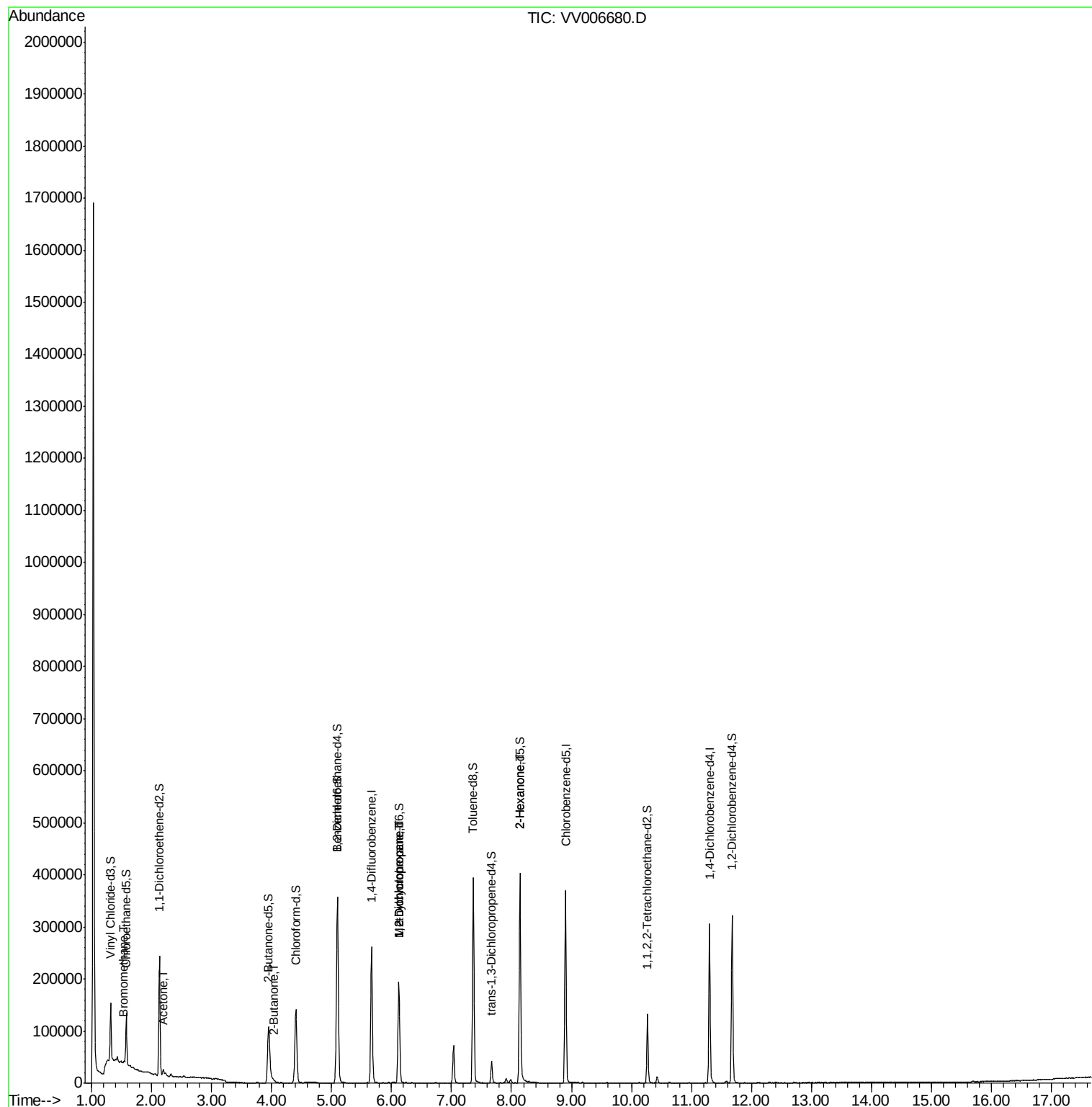
					Qvalue
6) Bromomethane	1.54	94	2283	0.340 ug/L	89
13) Acetone	2.20	43	9463	3.552 ug/L	98
21) 2-Butanone	4.04	43	4140	0.928 ug/L	78
35) Methylcyclohexane	6.12	83	22926	0.737 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	9911	0.528 ug/L #	86
48) 2-Hexanone	8.14	43	15627	2.201 ug/L #	71

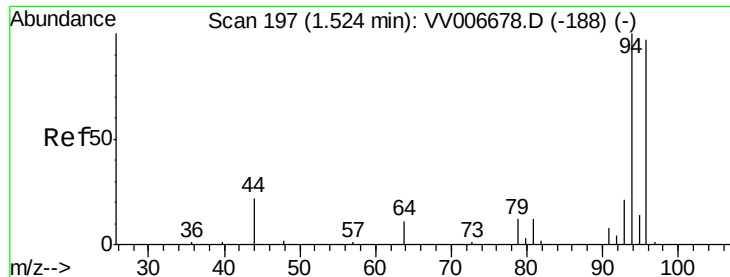
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#6

Bromomethane

Concen: 0.340 ug/L

RT: 1.54 min Scan# 201

Delta R.T. 0.01 min

Lab File: VV006680.D

Acq: 21 Jul 2018 12:20

Instrument :

MSVOA_V

ClientSampleId :

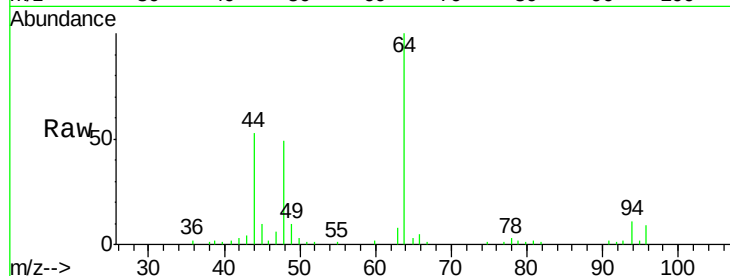
C0AB0

Tgt Ion: 94 Resp: 2283

Ion Ratio Lower Upper

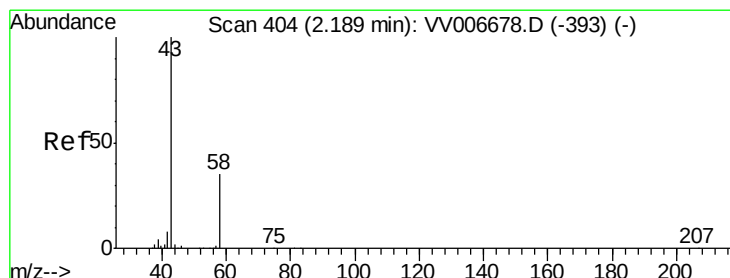
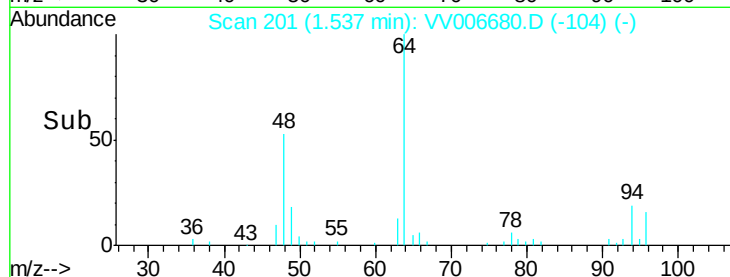
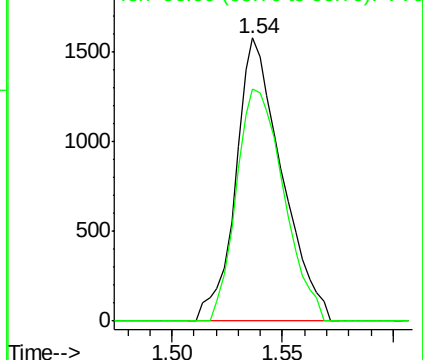
94 100

96 82.0 64.5 119.7



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0



#13

Acetone

Concen: 3.552 ug/L

RT: 2.20 min Scan# 407

Delta R.T. 0.01 min

Lab File: VV006680.D

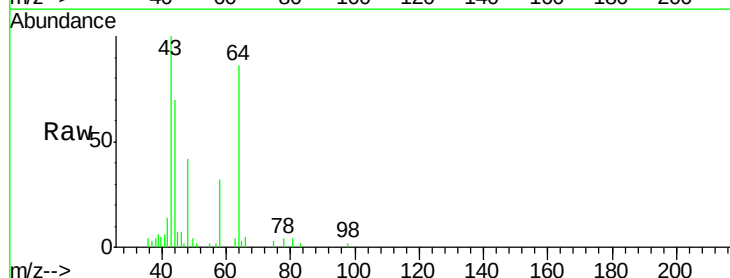
Acq: 21 Jul 2018 12:20

Tgt Ion: 43 Resp: 9463

Ion Ratio Lower Upper

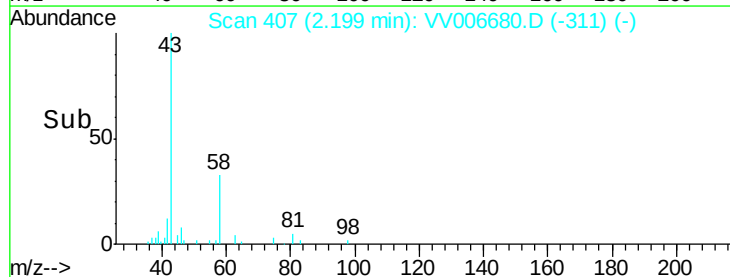
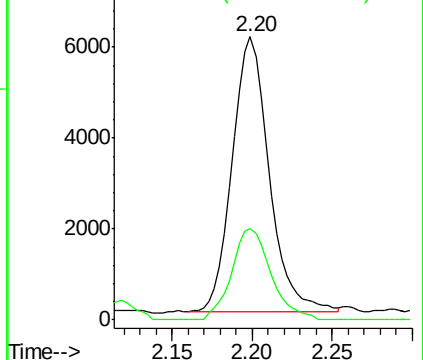
43 100

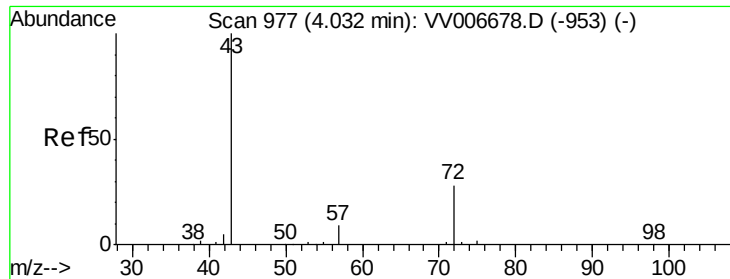
58 35.5 0.0 72.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#21

2-Butanone

Concen: 0.928 ug/L

RT: 4.04 min Scan# 981

Delta R.T. 0.01 min

Lab File: VV006680.D

Acq: 21 Jul 2018 12:20

Instrument :

MSVOA_V

ClientSampleId :

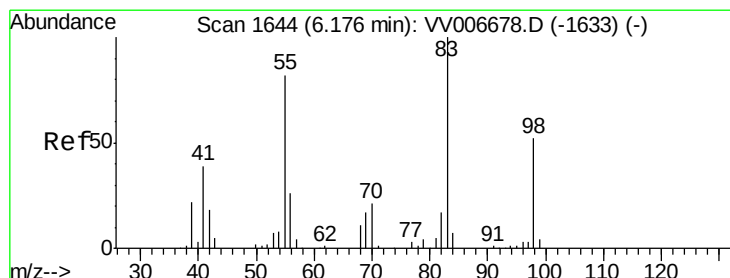
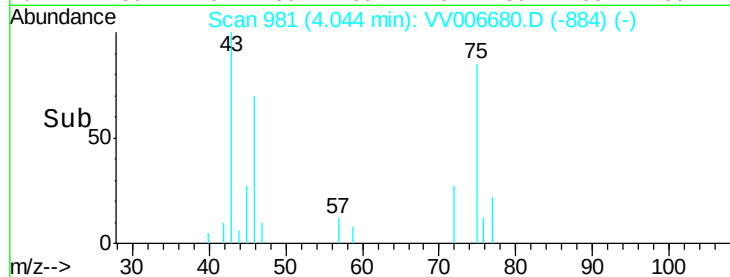
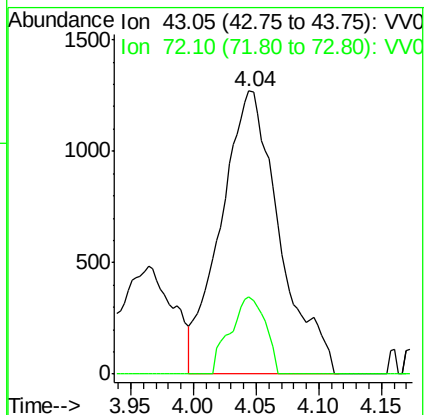
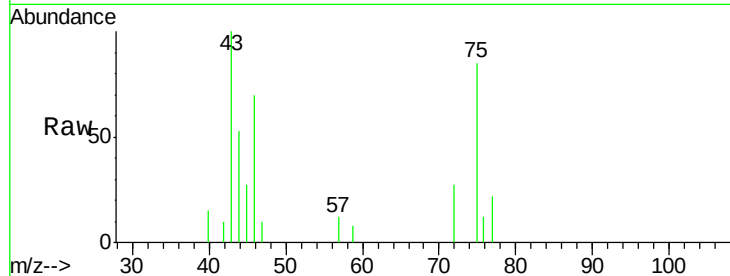
C0AB0

Tgt Ion: 43 Resp: 4140

Ion Ratio Lower Upper

43 100

72 16.2 13.9 41.6



#35

Methylcyclohexane

Concen: 0.737 ug/L

RT: 6.12 min Scan# 1627

Delta R.T. -0.05 min

Lab File: VV006680.D

Acq: 21 Jul 2018 12:20

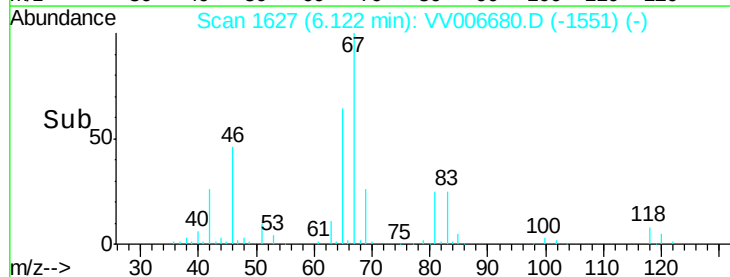
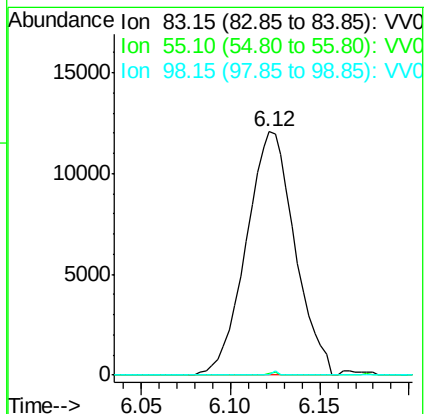
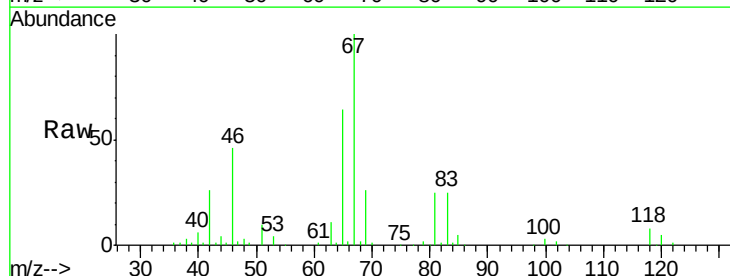
Tgt Ion: 83 Resp: 22926

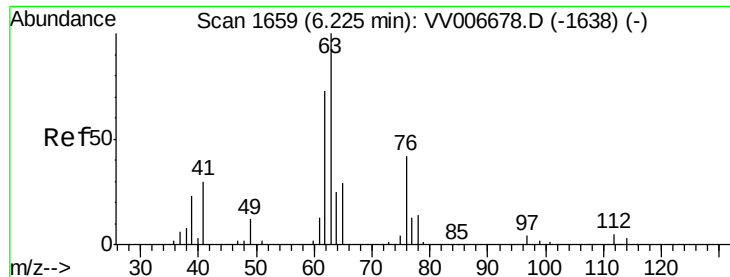
Ion Ratio Lower Upper

83 100

55 0.2 61.3 91.9#

98 0.2 39.4 59.0#

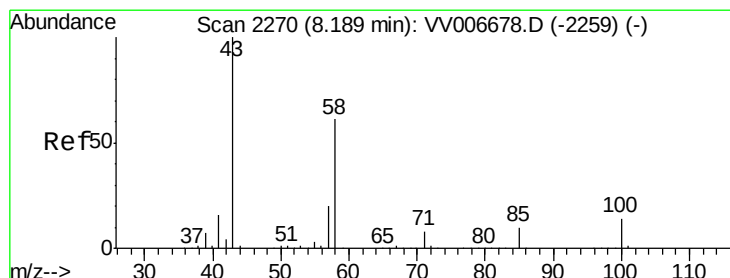
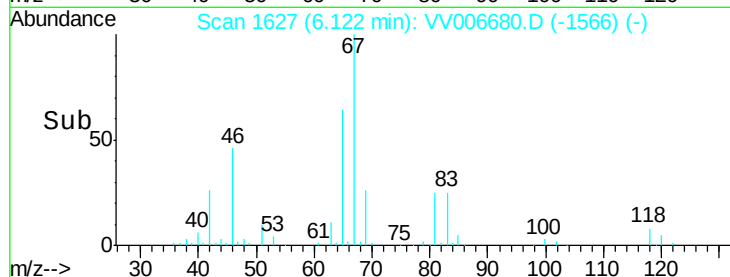
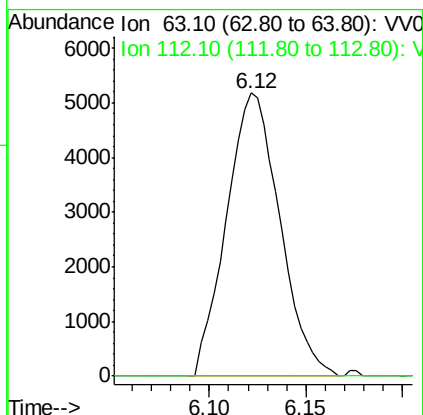
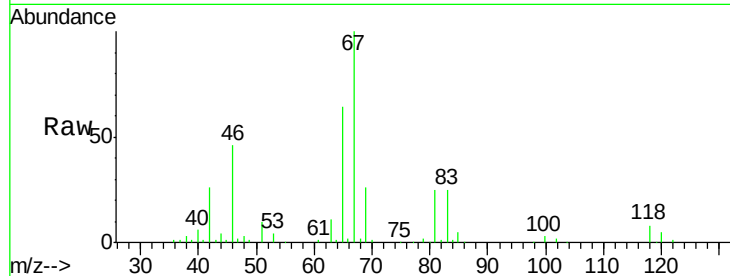




#37
 1,2-Dichloropropane
 Concen: 0.528 ug/L
 RT: 6.12 min Scan# 1627
 Delta R.T. -0.10 min
 Lab File: VV006680.D
 Acq: 21 Jul 2018 12:20

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB0

Tgt Ion: 63 Resp: 9911
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#48
 2-Hexanone
 Concen: 2.201 ug/L
 RT: 8.14 min Scan# 2254
 Delta R.T. -0.05 min
 Lab File: VV006680.D
 Acq: 21 Jul 2018 12:20

Tgt Ion: 43 Resp: 15627
 Ion Ratio Lower Upper
 43 100
 58 39.6 48.2 72.2#
 57 36.6 16.2 24.4#
 100 3.1 11.0 16.4#

