

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072118\
 Data File : VV006681.D
 Acq On : 21 Jul 2018 12:47
 Operator : SY/MD
 Sample : J4078-07
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB3

Quant Time: Jul 22 23:07:09 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	224456	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	205809	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	85193	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84690	5.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.60%
7) Chloroethane-d5	1.58	69	65038	6.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.40%
11) 1,1-Dichloroethene-d2	2.13	63	121186	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	3.95	46	172259	50.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.70%
24) Chloroform-d	4.41	84	145549	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
26) 1,2-Dichloroethane-d4	5.09	65	70058	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.00%
32) Benzene-d6	5.10	84	314033	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.40%
36) 1,2-Dichloropropane-d6	6.12	67	98028	5.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.00%
41) Toluene-d8	7.36	98	271462	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
43) trans-1,3-Dichloropropene-	7.67	79	27173	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.14	63	138722	47.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.62%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	63595	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	89223	5.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.40%

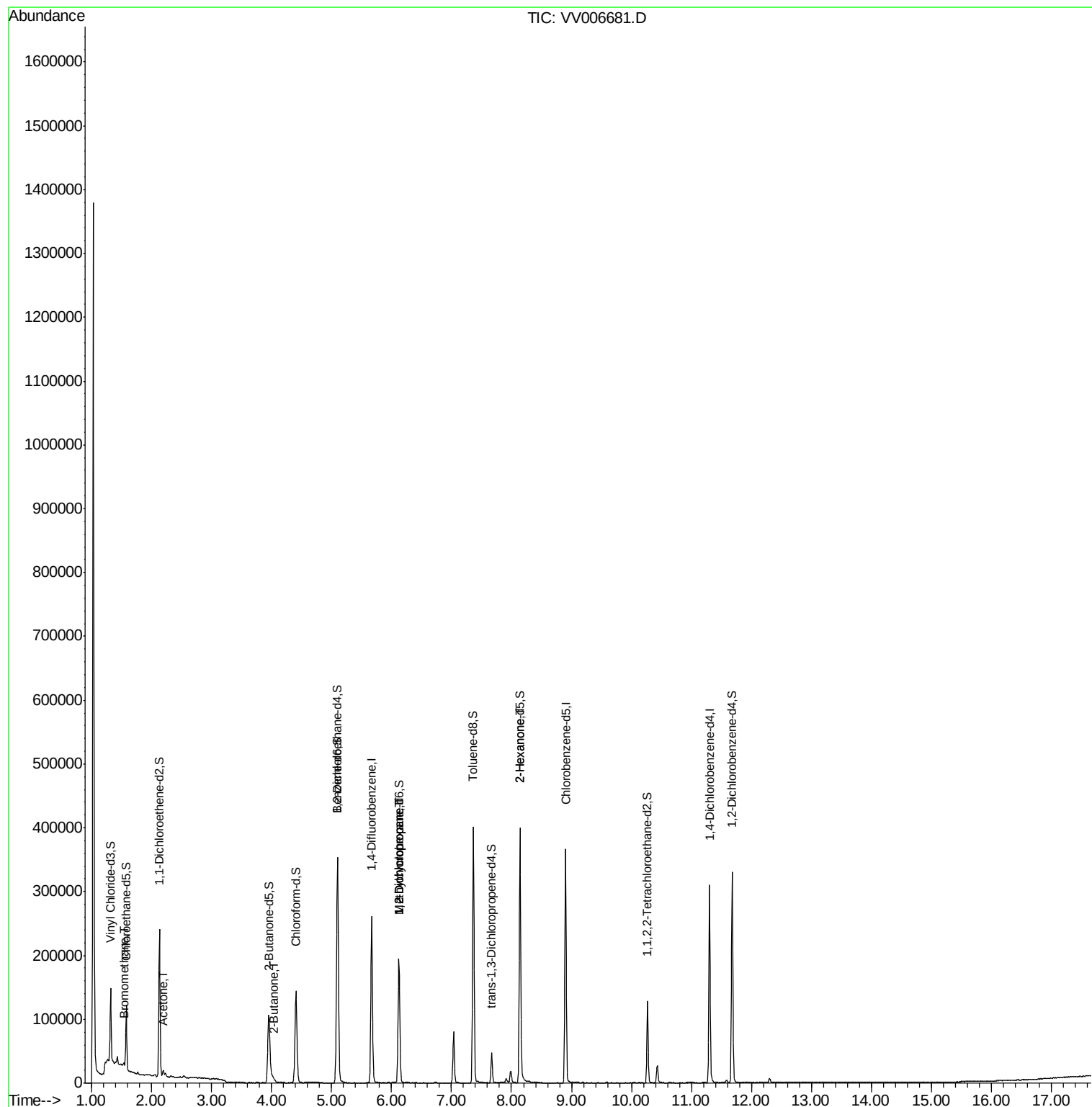
Target Compounds					Qvalue
6) Bromomethane	1.54	94	2388	0.361 ug/L	97
13) Acetone	2.20	43	8319	3.171 ug/L	98
21) 2-Butanone	4.05	43	2386	0.543 ug/L	76
35) Methylcyclohexane	6.12	83	22483	0.735 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	9659	0.523 ug/L #	86
48) 2-Hexanone	8.14	43	16731	2.397 ug/L #	68

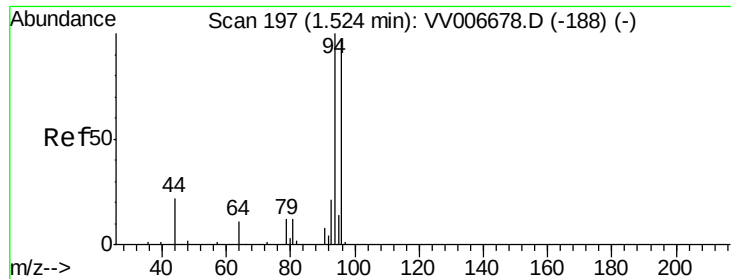
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Bromomethane

Concen: 0.361 ug/L

RT: 1.54 min Scan# 201

Delta R.T. 0.01 min

Lab File: VV006681.D

Acq: 21 Jul 2018 12:47

Instrument :

MSVOA_V

ClientSampleId :

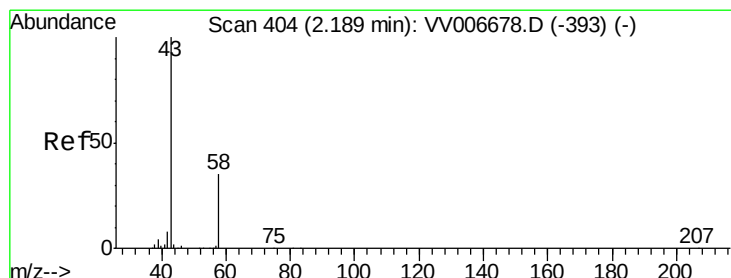
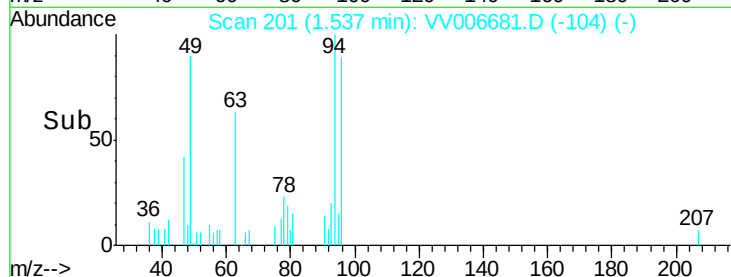
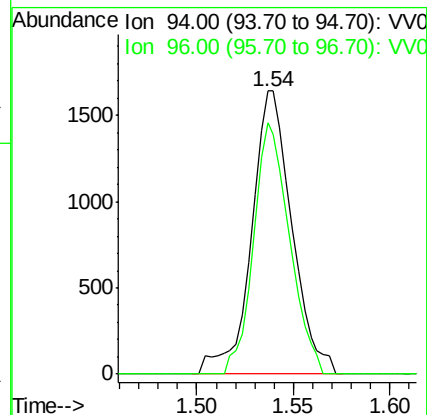
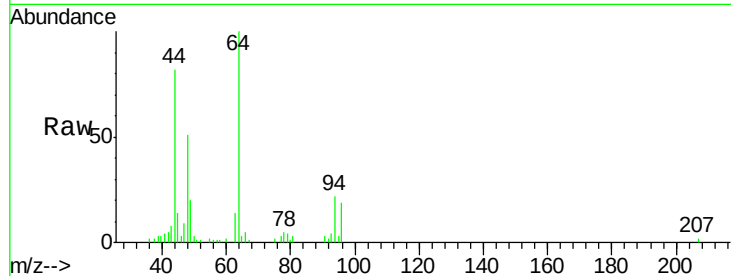
C0AB3

Tgt Ion: 94 Resp: 2388

Ion Ratio Lower Upper

94 100

96 88.8 64.5 119.7



#13

Acetone

Concen: 3.171 ug/L

RT: 2.20 min Scan# 407

Delta R.T. 0.01 min

Lab File: VV006681.D

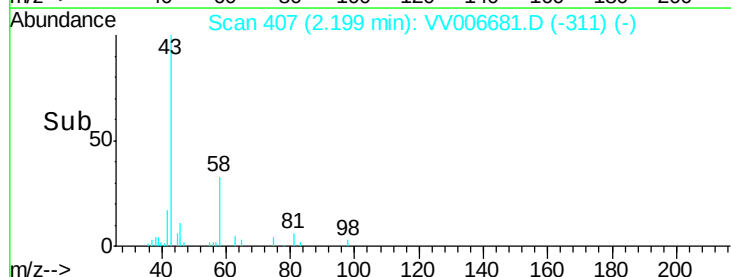
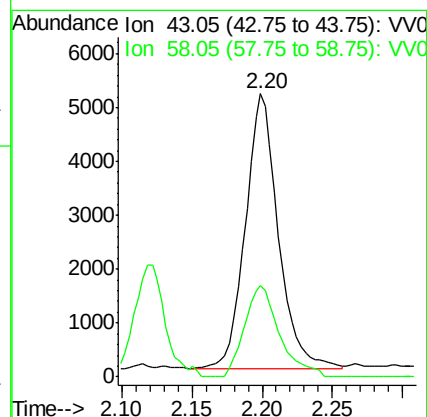
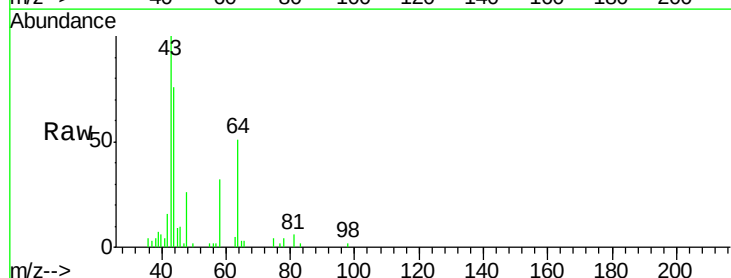
Acq: 21 Jul 2018 12:47

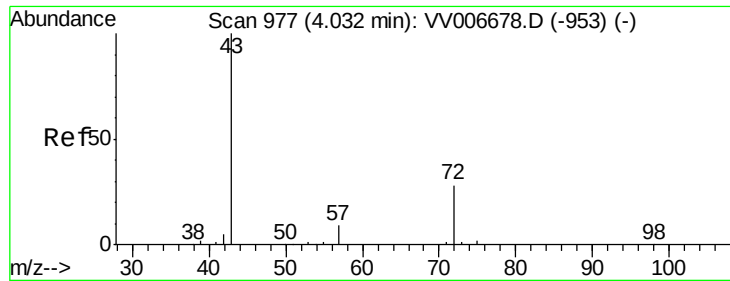
Tgt Ion: 43 Resp: 8319

Ion Ratio Lower Upper

43 100

58 35.2 0.0 72.8





#21

2-Butanone

Concen: 0.543 ug/L

RT: 4.05 min Scan# 982

Delta R.T. 0.02 min

Lab File: VV006681.D

Acq: 21 Jul 2018 12:47

Instrument :

MSVOA_V

ClientSampleId :

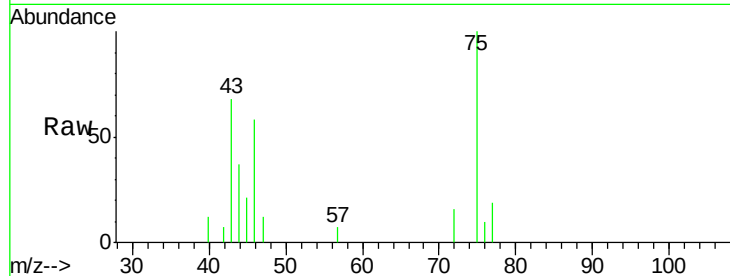
C0AB3

Tgt Ion: 43 Resp: 2386

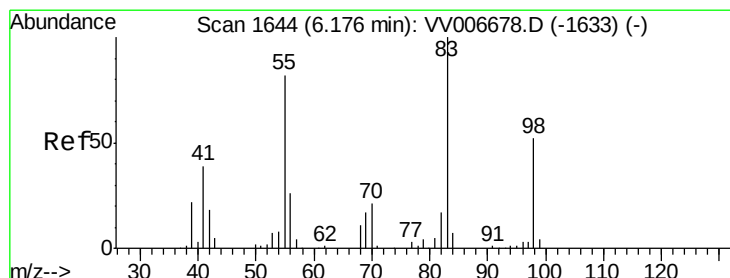
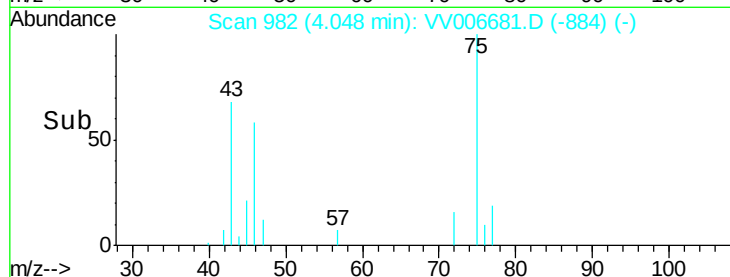
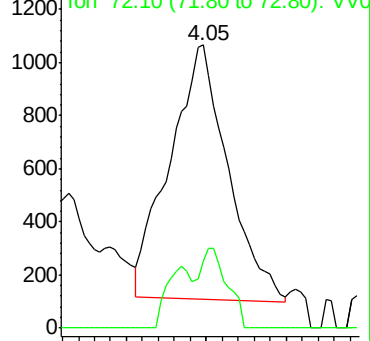
Ion Ratio Lower Upper

43 100

72 15.0 13.9 41.6



Abundance Ion 43.05 (42.75 to 43.75): VV006681.D (-884) (-)



#35

Methylcyclohexane

Concen: 0.735 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006681.D

Acq: 21 Jul 2018 12:47

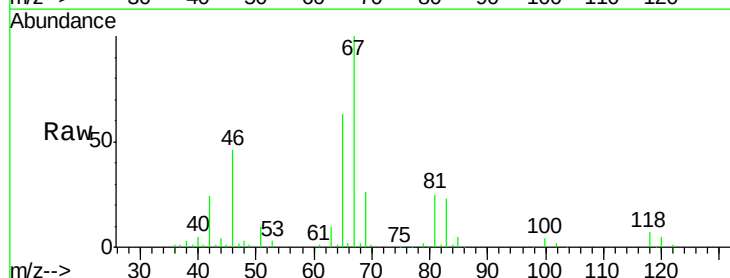
Tgt Ion: 83 Resp: 22483

Ion Ratio Lower Upper

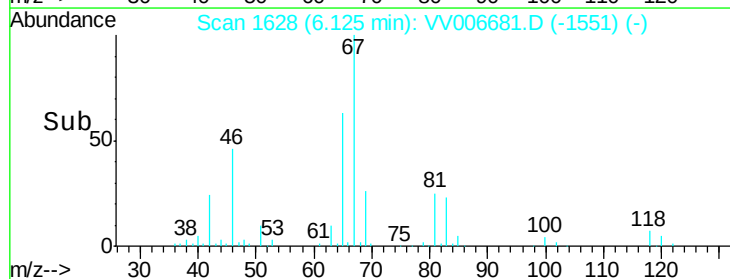
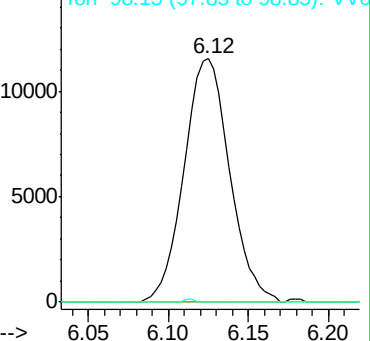
83 100

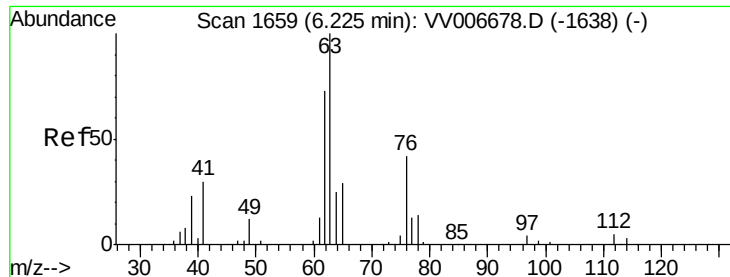
55 0.0 61.3 91.9#

98 0.3 39.4 59.0#



Abundance Ion 83.15 (82.85 to 83.85): VV006681.D (-1551) (-)

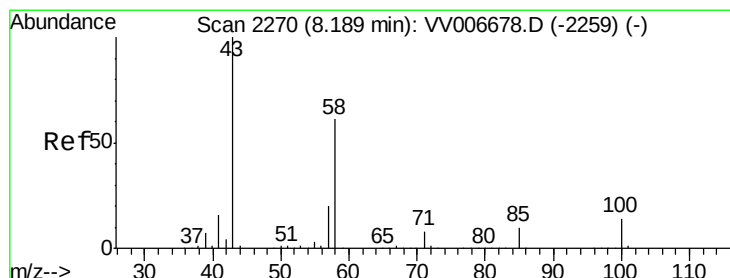
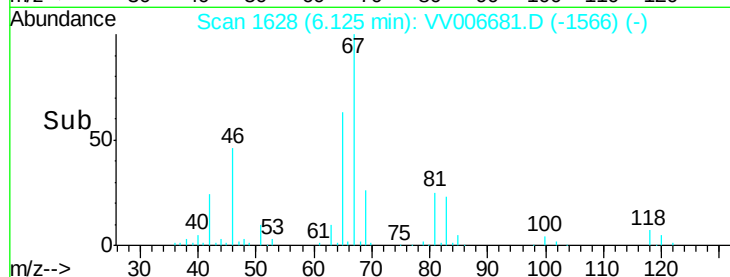
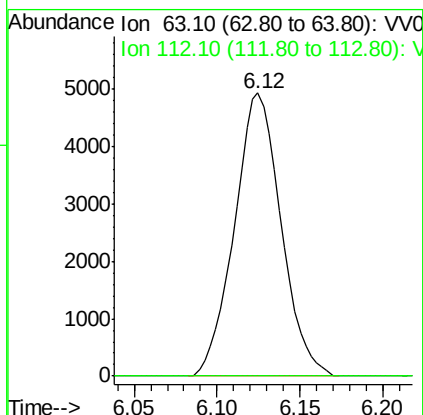
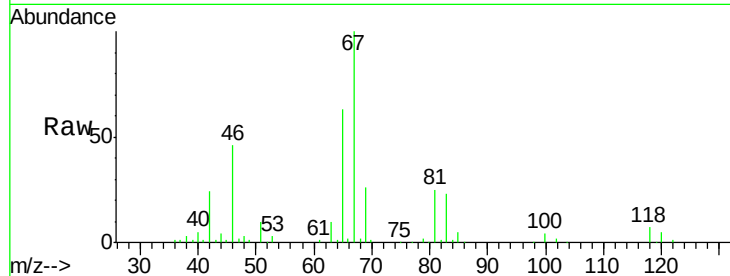




#37
 1,2-Dichloropropane
 Concen: 0.523 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006681.D
 Acq: 21 Jul 2018 12:47

Instrument :
 MSVOA_V
 ClientSampled :
 C0AB3

Tgt Ion: 63 Resp: 9659
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#48
 2-Hexanone
 Concen: 2.397 ug/L
 RT: 8.14 min Scan# 2255
 Delta R.T. -0.05 min
 Lab File: VV006681.D
 Acq: 21 Jul 2018 12:47

Tgt Ion: 43 Resp: 16731
 Ion Ratio Lower Upper
 43 100
 58 31.1 48.2 72.2#
 57 27.4 16.2 24.4#
 100 2.0 11.0 16.4#

