

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072118\
 Data File : VV006685.D
 Acq On : 21 Jul 2018 14:36
 Operator : SY/MD
 Sample : J4078-01
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA0

Quant Time: Jul 22 23:07:29 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	213124	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	194900	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	82672	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	70819	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.58	69	57129	5.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.20%
11) 1,1-Dichloroethene-d2	2.13	63	104852	3.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	3.96	46	60361	18.58	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	37.16%#
24) Chloroform-d	4.41	84	131754	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.09	65	63550	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.10	84	282562	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.12	67	88422	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.37	98	238912	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	7.67	79	25007	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.14	63	131654	47.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.82%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	61767	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	83110	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

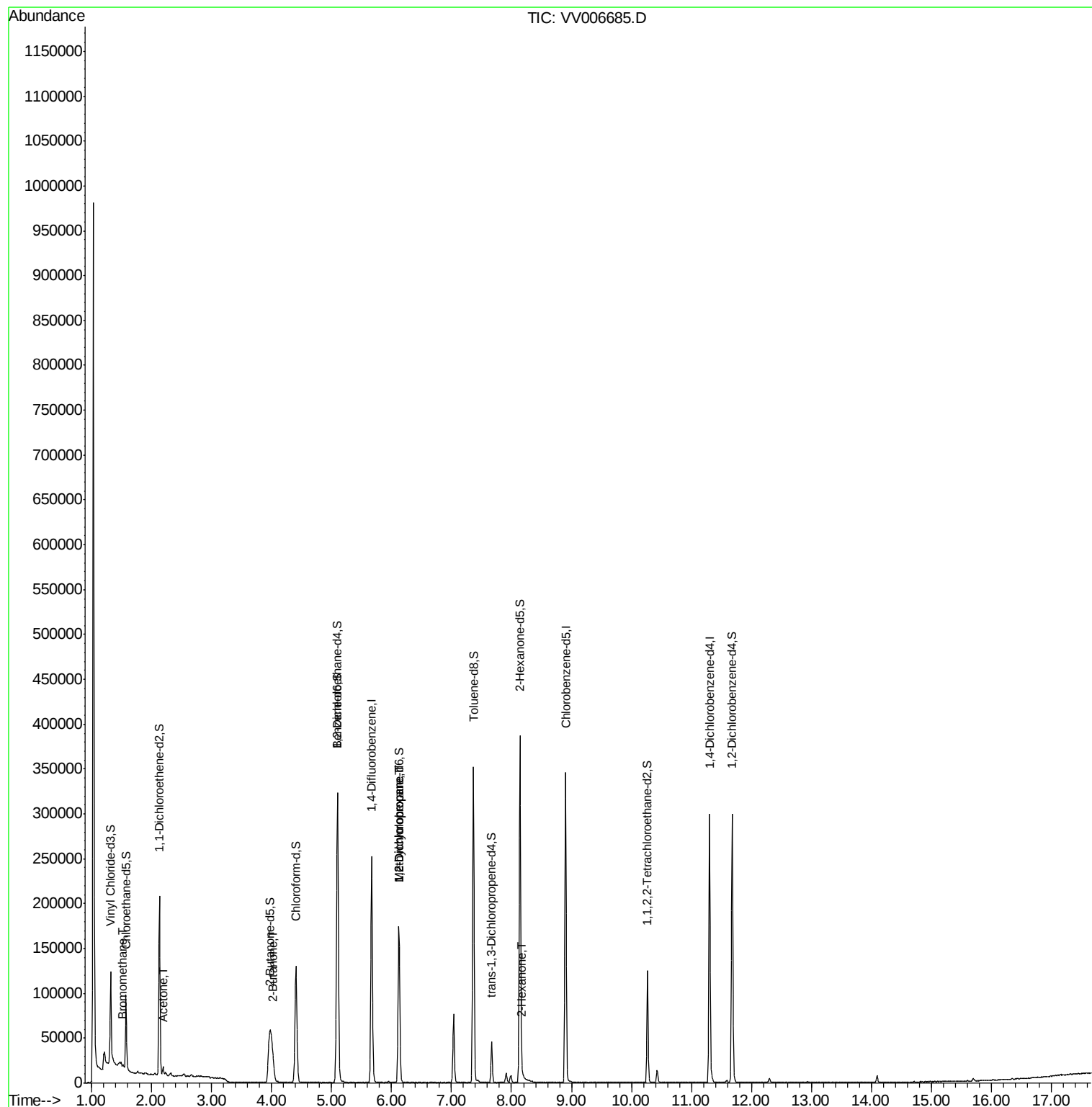
					Qvalue
6) Bromomethane	1.53	94	1600	0.255 ug/L	92
13) Acetone	2.19	43	6795	2.727 ug/L	99
21) 2-Butanone	4.03	43	22044	5.283 ug/L #	61
35) Methylcyclohexane	6.12	83	20202	0.698 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	8971	0.513 ug/L #	86
48) 2-Hexanone	8.18	43	1601	0.242 ug/L #	36

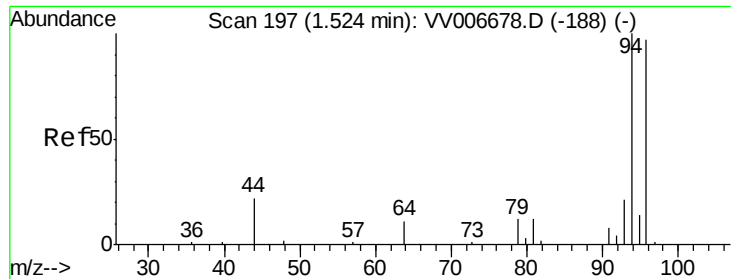
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#6

Bromomethane

Concen: 0.255 ug/L

RT: 1.53 min Scan# 198

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

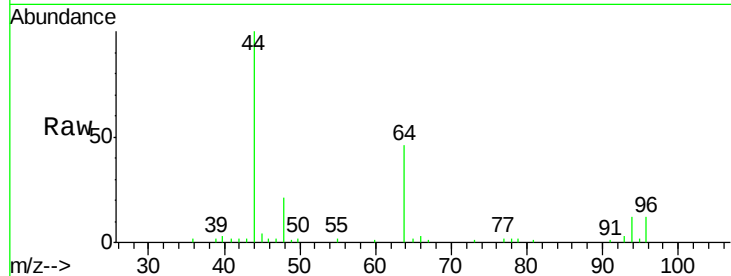
C0AA0

Tgt Ion: 94 Resp: 1600

Ion Ratio Lower Upper

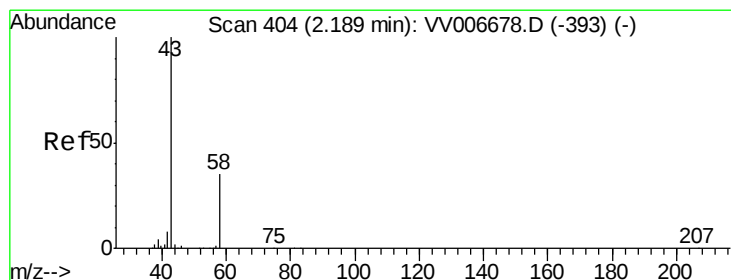
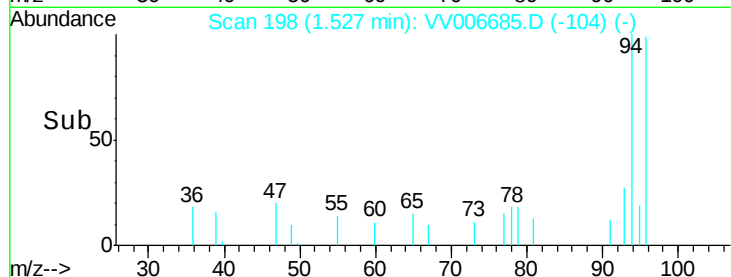
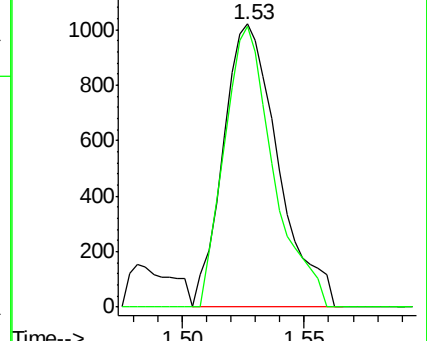
94 100

96 99.3 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: 2.727 ug/L

RT: 2.19 min Scan# 405

Delta R.T. 0.00 min

Lab File: VV006685.D

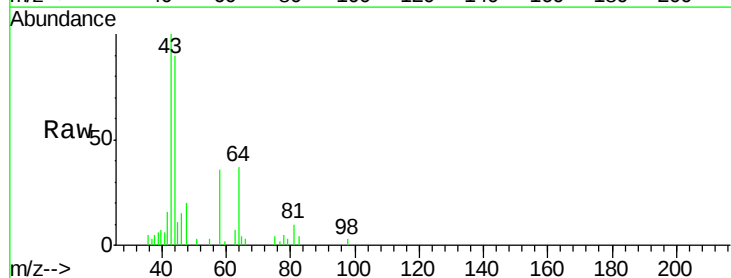
Acq: 21 Jul 2018 14:36

Tgt Ion: 43 Resp: 6795

Ion Ratio Lower Upper

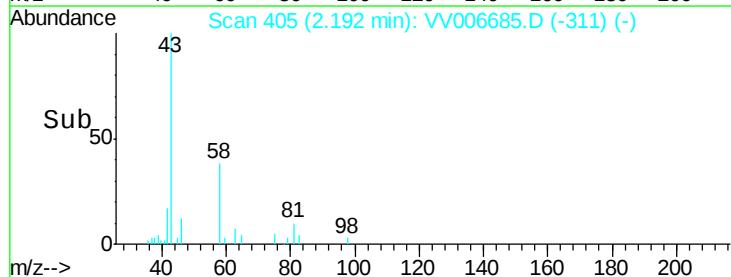
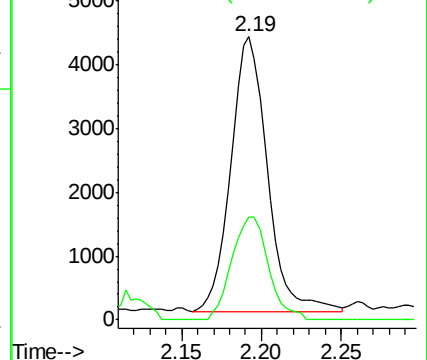
43 100

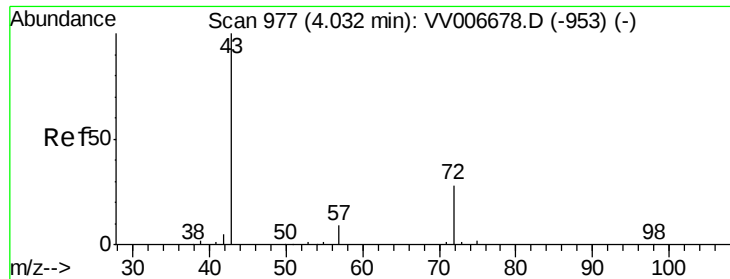
58 37.0 0.0 72.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#21

2-Butanone

Concen: 5.283 ug/L

RT: 4.03 min Scan# 975

Delta R.T. -0.01 min

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ClientSampleId :

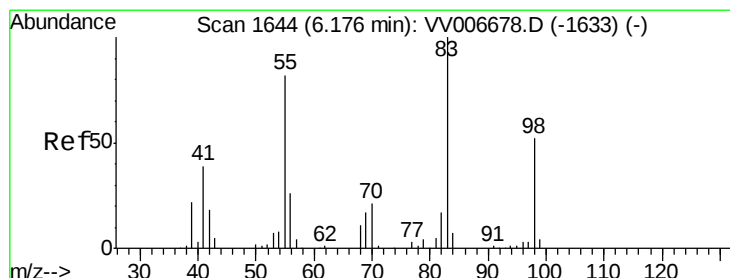
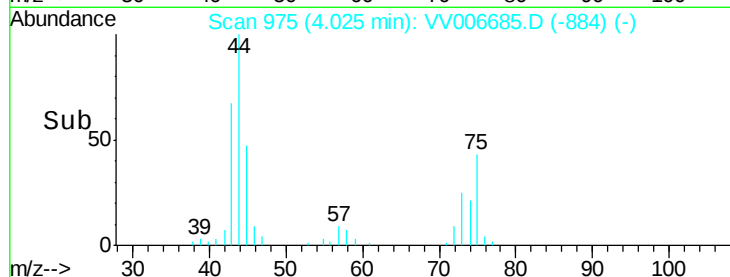
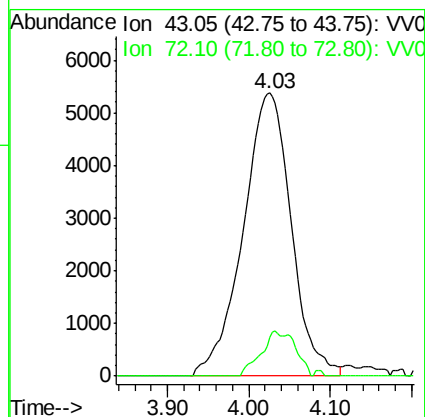
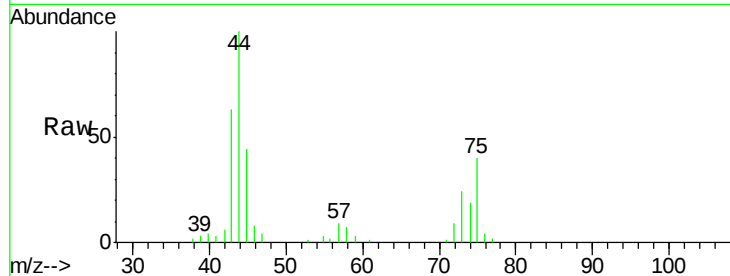
C0AA0

Tgt Ion: 43 Resp: 22044

Ion Ratio Lower Upper

43 100

72 7.0 13.9 41.6#



#35

Methylcyclohexane

Concen: 0.698 ug/L

RT: 6.12 min Scan# 1627

Delta R.T. -0.05 min

Lab File: VV006685.D

Acq: 21 Jul 2018 14:36

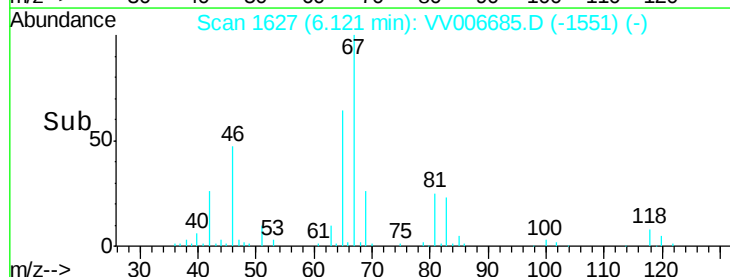
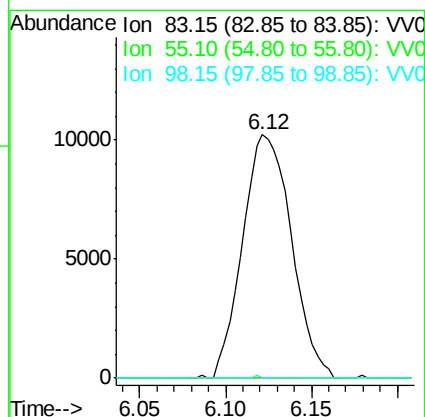
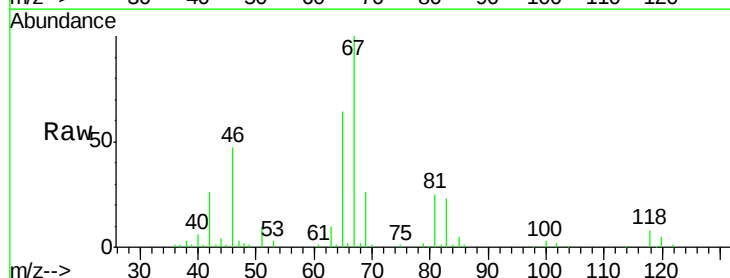
Tgt Ion: 83 Resp: 20202

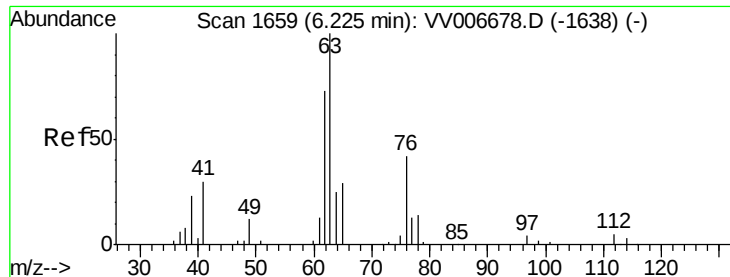
Ion Ratio Lower Upper

83 100

55 0.0 61.3 91.9#

98 0.1 39.4 59.0#

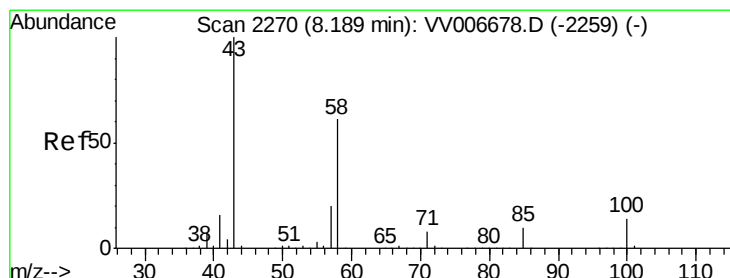
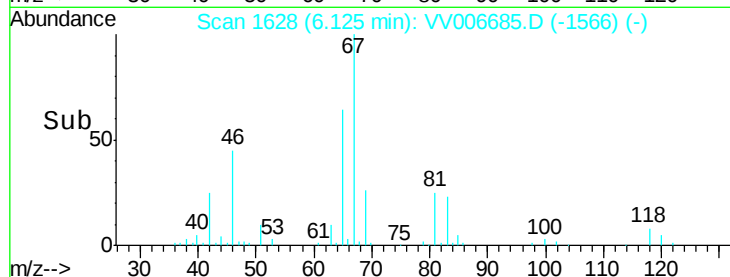
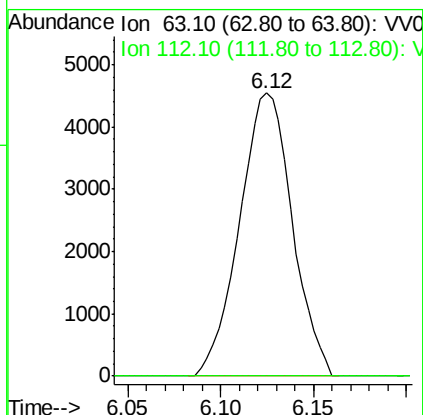
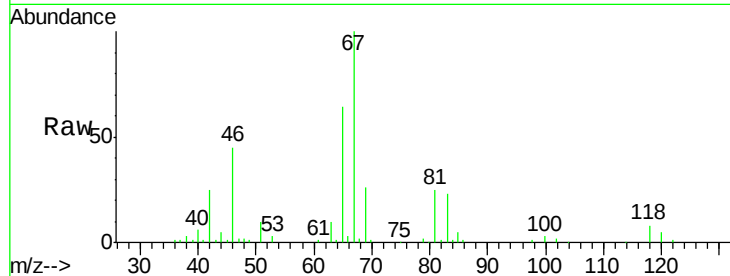




#37
 1,2-Dichloropropane
 Concen: 0.513 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006685.D
 Acq: 21 Jul 2018 14:36

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA0

Tgt Ion: 63 Resp: 8971
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#48
 2-Hexanone
 Concen: 0.242 ug/L
 RT: 8.18 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: VV006685.D
 Acq: 21 Jul 2018 14:36

Tgt Ion: 43 Resp: 1601
 Ion Ratio Lower Upper
 43 100
 58 0.0 48.2 72.2#
 57 0.0 16.2 24.4#
 100 2.4 11.0 16.4#

