

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071818\
 Data File : VV006642.D
 Acq On : 18 Jul 2018 21:43
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02068

Quant Time: Jul 19 02:41:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 19 02:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	259164	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	236807	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	104481	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91007	3.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.20%
7) Chloroethane-d5	1.58	69	75651	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.60%
11) 1,1-Dichloroethene-d2	2.13	63	125266	2.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.00%#
20) 2-Butanone-d5	3.95	46	162457	46.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.64%
24) Chloroform-d	4.41	84	159302	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.20%
26) 1,2-Dichloroethane-d4	5.09	65	79931	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
32) Benzene-d6	5.10	84	336470	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
36) 1,2-Dichloropropane-d6	6.12	67	107360	4.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.80%
41) Toluene-d8	7.36	98	288902	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.40%
43) trans-1,3-Dichloropropene-	7.67	79	29822	3.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.40%
46) 2-Hexanone-d5	8.14	63	187305	39.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.10%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	77948	3.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	105341	4.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.00%

Target Compounds

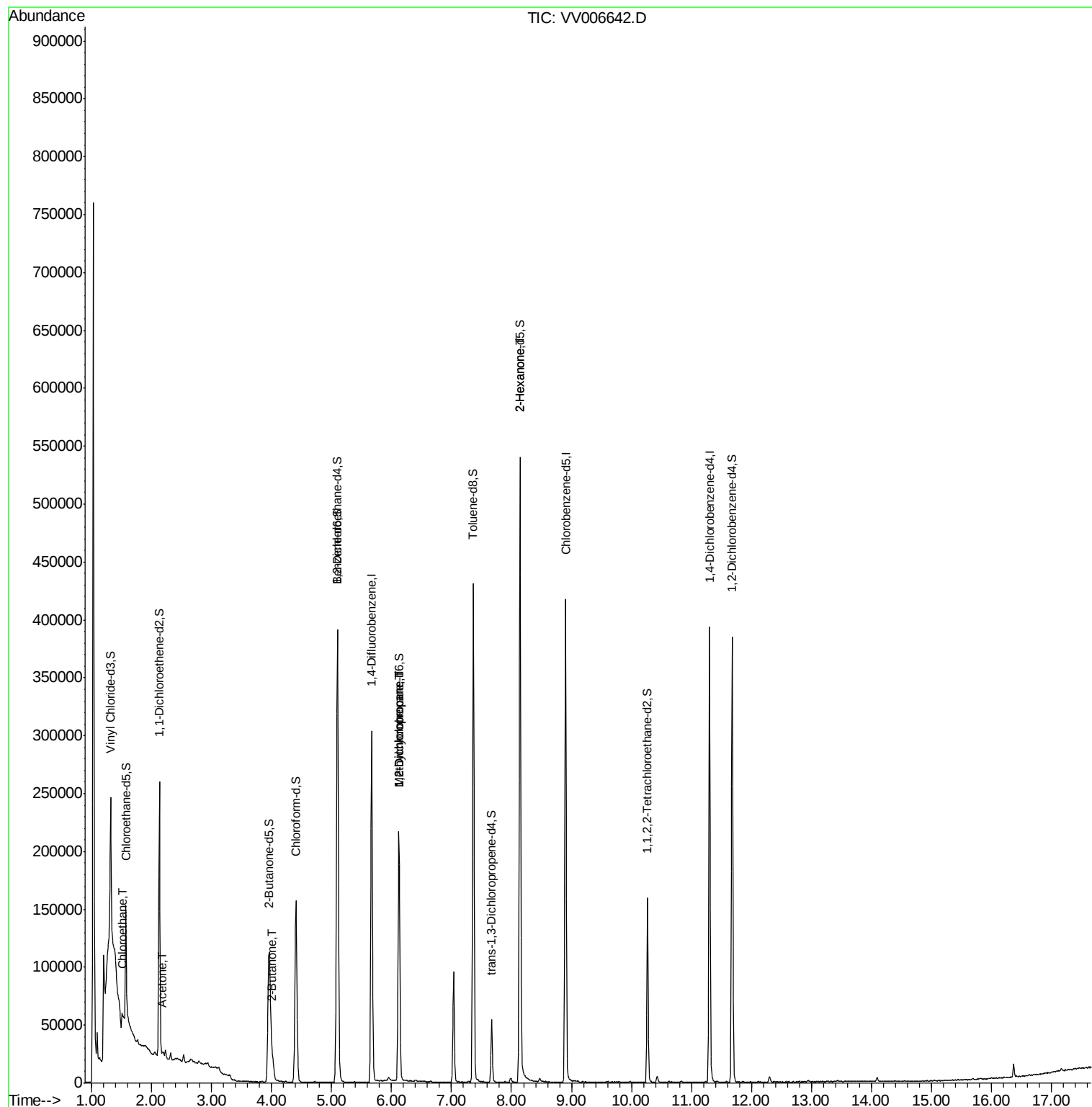
					Qvalue
8) Chloroethane	1.51	64	10981	0.628 ug/L #	51
13) Acetone	2.19	43	923	0.267 ug/L	90
21) 2-Butanone	4.02	43	3286	0.542 ug/L #	68
35) Methylcyclohexane	6.12	83	25567	0.736 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	10759	0.476 ug/L #	86
48) 2-Hexanone	8.14	43	20292	2.186 ug/L #	66

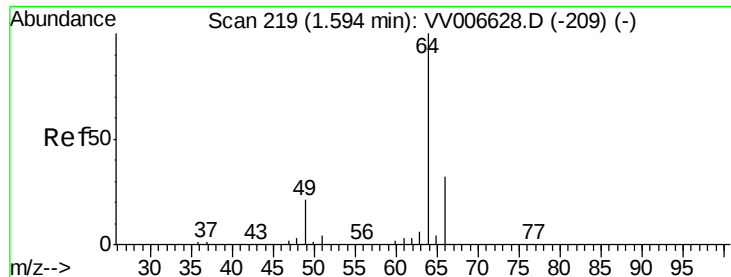
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.628 ug/L

RT: 1.51 min Scan# 194

Delta R.T. -0.08 min

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Acq: 18 Jul 2018 21:43

Instrument :

MSVOA_V

ClientSampleId :

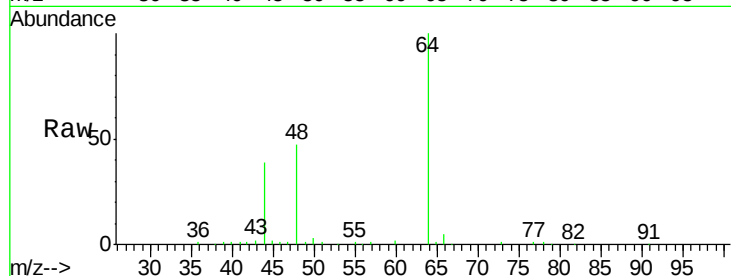
VSTD02068

Tgt Ion: 64 Resp: 10981

Ion Ratio Lower Upper

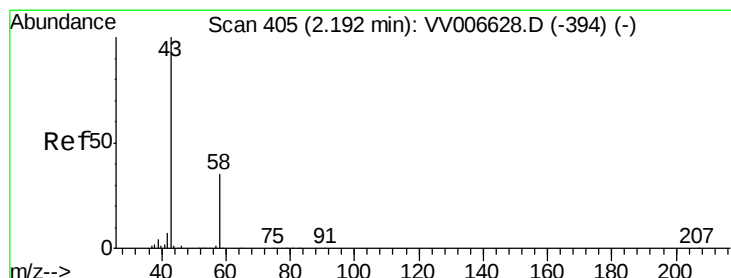
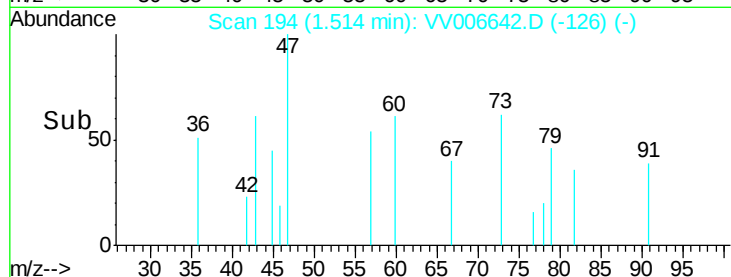
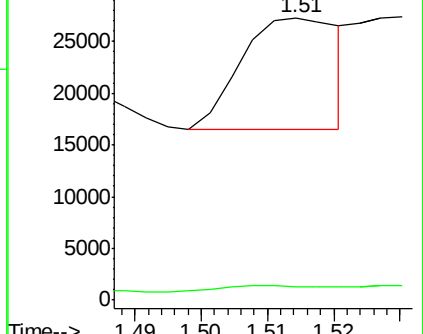
64 100

66 4.8 22.5 41.9#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#13

Acetone

Concen: 0.267 ug/L

RT: 2.19 min Scan# 405

Delta R.T. 0.00 min

Lab File: VV006642.D

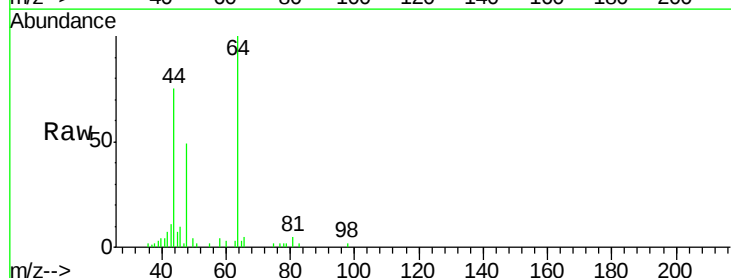
Acq: 18 Jul 2018 21:43

Tgt Ion: 43 Resp: 923

Ion Ratio Lower Upper

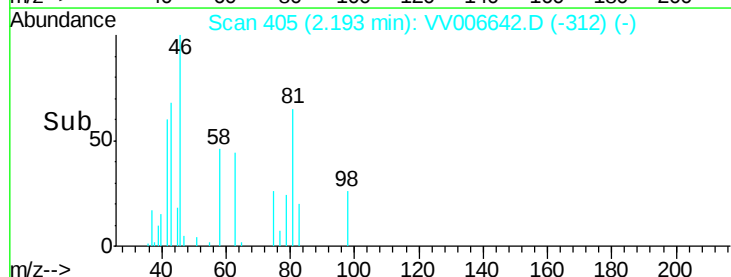
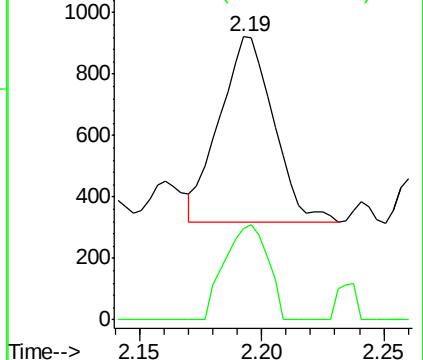
43 100

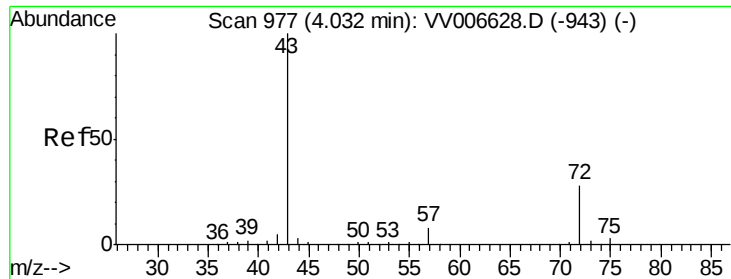
58 41.2 0.0 70.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#21

2-Butanone

Concen: 0.542 ug/L

RT: 4.02 min Scan# 972

Delta R.T. -0.02 min

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ClientSampleId :

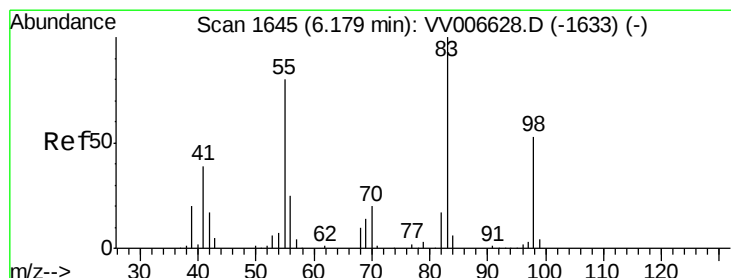
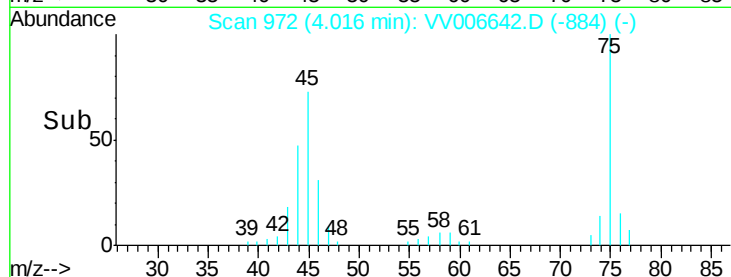
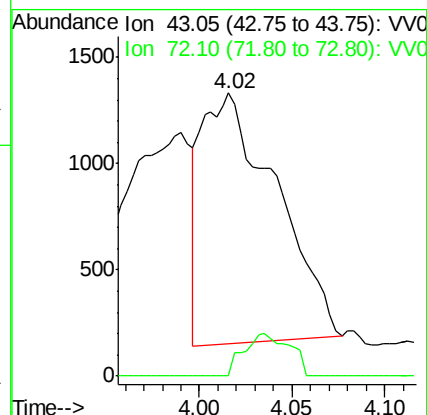
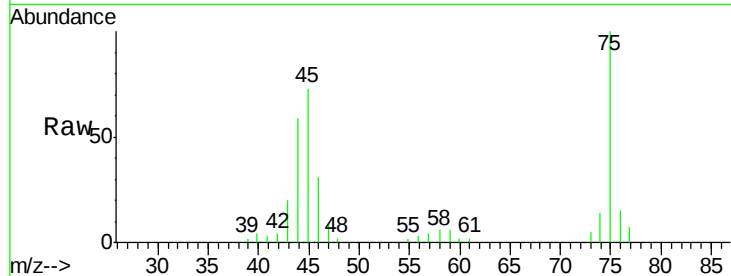
VSTD02068

Tgt Ion: 43 Resp: 3286

Ion Ratio Lower Upper

43 100

72 10.4 13.4 40.1#



#35

Methylcyclohexane

Concen: 0.736 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006642.D

Acq: 18 Jul 2018 21:43

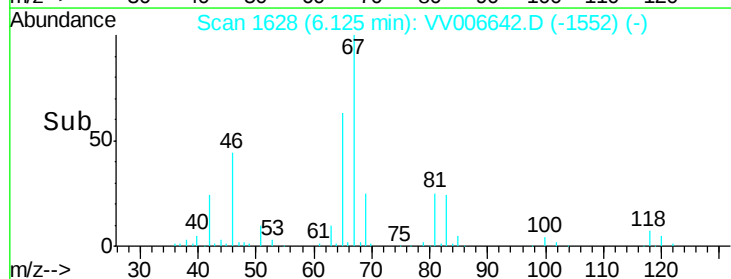
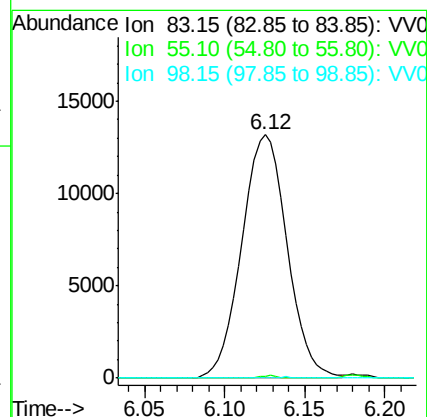
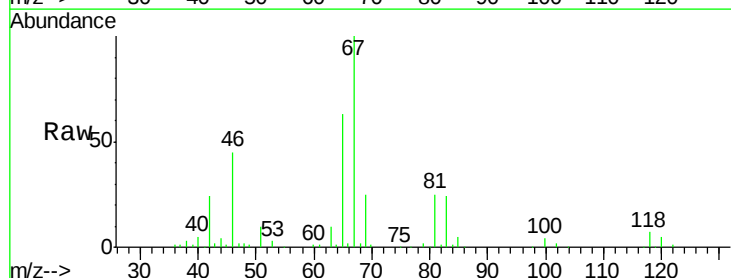
Tgt Ion: 83 Resp: 25567

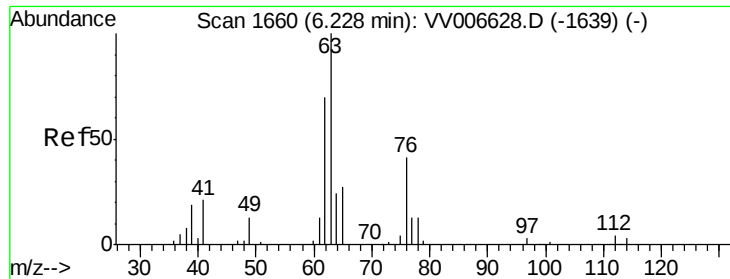
Ion Ratio Lower Upper

83 100

55 0.4 60.7 91.1#

98 0.1 39.1 58.7#

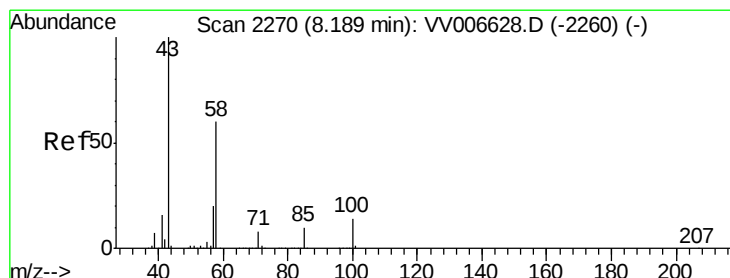
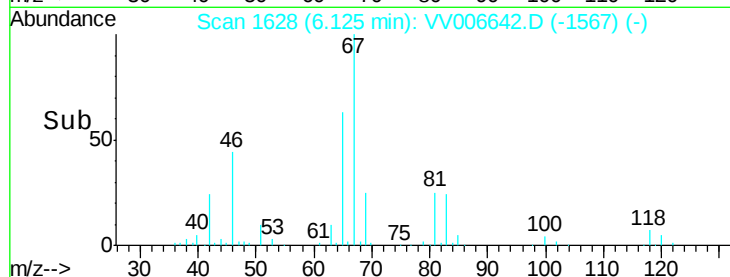
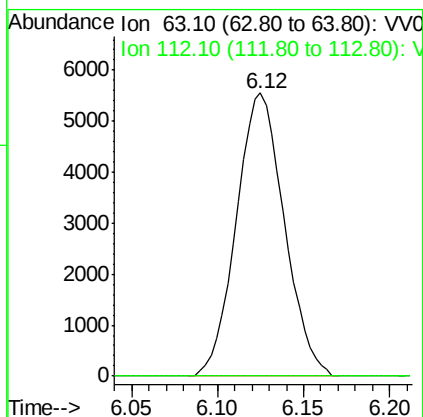
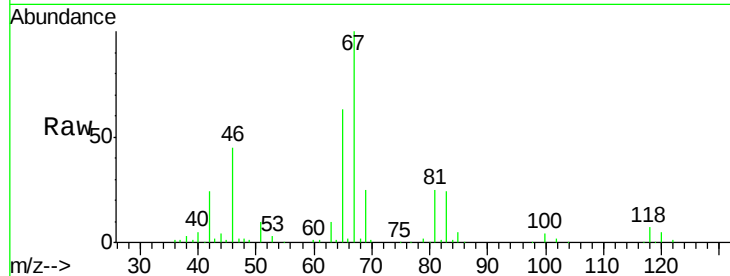




#37
 1,2-Dichloropropane
 Concen: 0.476 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006642.D
 Acq: 18 Jul 2018 21:43

Instrument :
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 VSTD02068

Tgt Ion: 63 Resp: 10759
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#48
 2-Hexanone
 Concen: 2.186 ug/L
 RT: 8.14 min Scan# 2255
 Delta R.T. -0.05 min
 Lab File: VV006642.D
 Acq: 18 Jul 2018 21:43

Tgt Ion: 43 Resp: 20292
 Ion Ratio Lower Upper
 43 100
 58 31.9 48.2 72.4#
 57 32.1 16.2 24.4#
 100 1.3 11.0 16.4#

