

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071818\
 Data File : VV006636.D
 Acq On : 18 Jul 2018 18:58
 Operator : SY/MD
 Sample : J3983-18DL 5X
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFB68

Quant Time: Jul 19 02:40:44 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	251252	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	229009	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	101199	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	98400	4.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.40%
7) Chloroethane-d5	1.57	69	76111	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.13	63	130350	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	3.95	46	197619	58.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.50%
24) Chloroform-d	4.41	84	168202	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.09	65	82769	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	5.10	84	354173	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.12	67	113118	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.36	98	304683	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	7.67	79	33557	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
46) 2-Hexanone-d5	8.14	63	200025	43.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.34%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	82560	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	110513	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

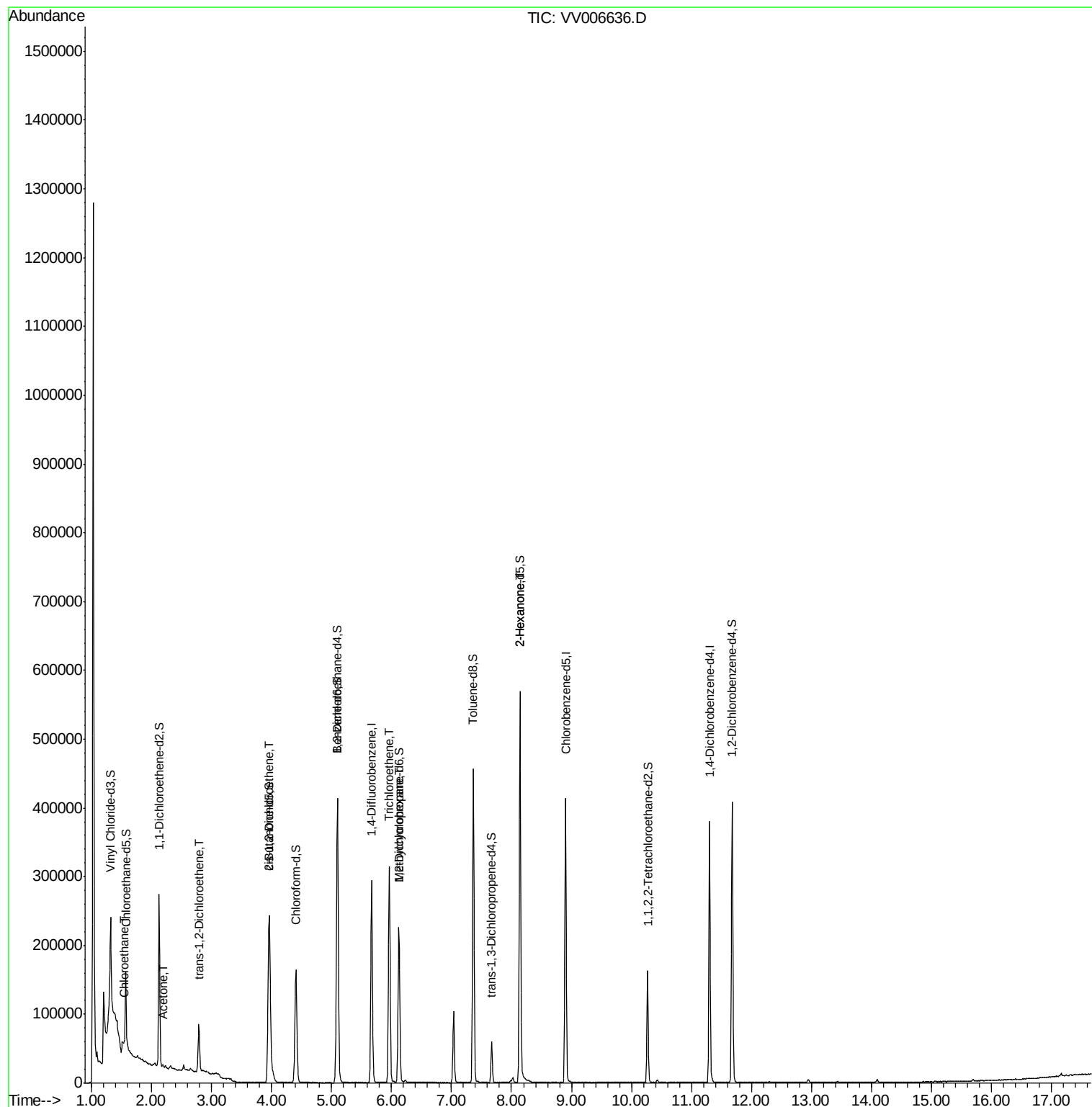
					Qvalue
8) Chloroethane	1.54	64	28973	1.709 ug/L #	52
13) Acetone	2.19	43	1605	0.478 ug/L	94
18) trans-1,2-Dichloroethene	2.79	96	24960	1.128 ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	67612	2.913 ug/L	98
34) Trichloroethene	5.96	95	108229	5.094 ug/L	99
35) Methylcyclohexane	6.12	83	26020	0.775 ug/L #	18
48) 2-Hexanone	8.14	43	20734	2.310 ug/L #	67

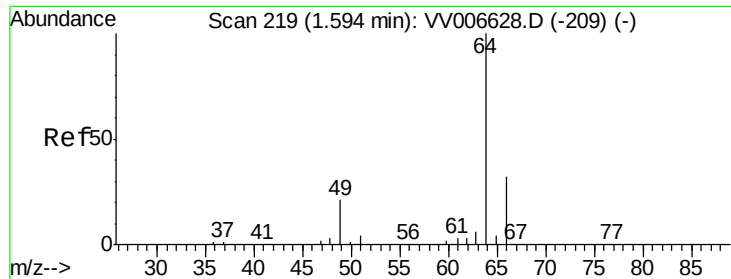
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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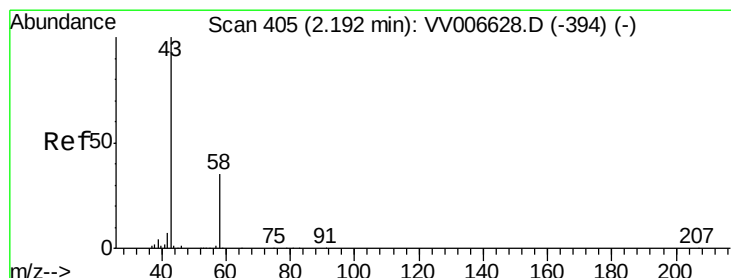
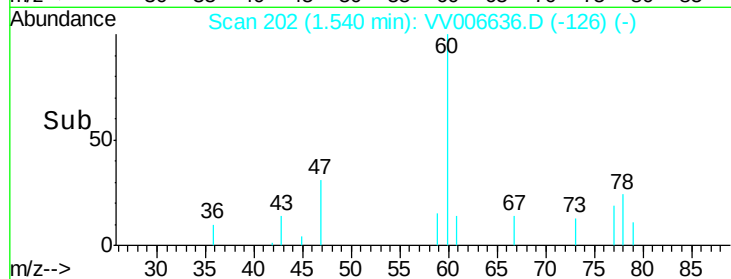
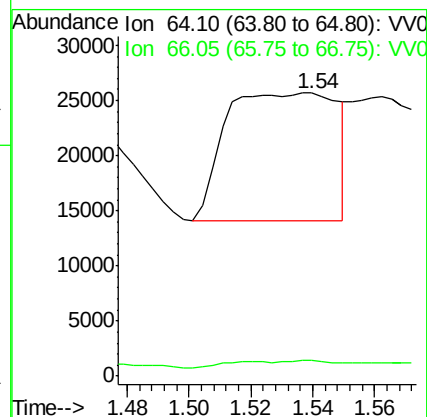
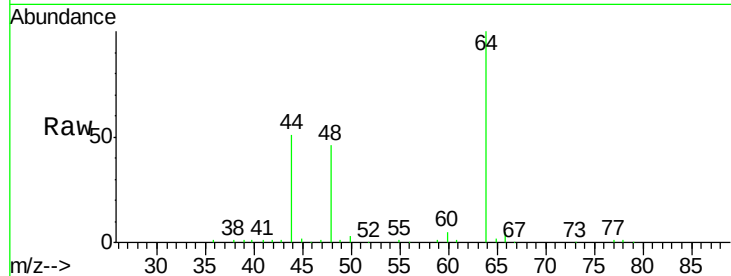




#8
Chloroethane
Concen: 1.709 ug/L
RT: 1.54 min Scan# 202
Delta R.T. -0.05 min
Lab File: VV006636.D
Acq: 18 Jul 2018 18:58

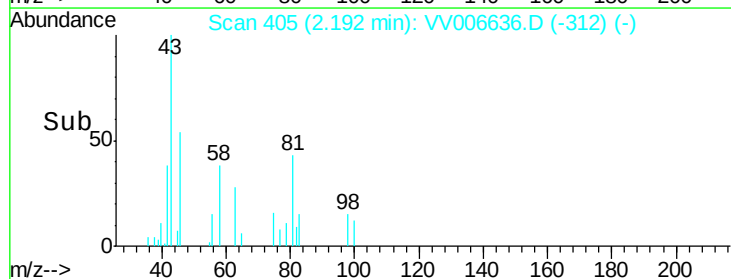
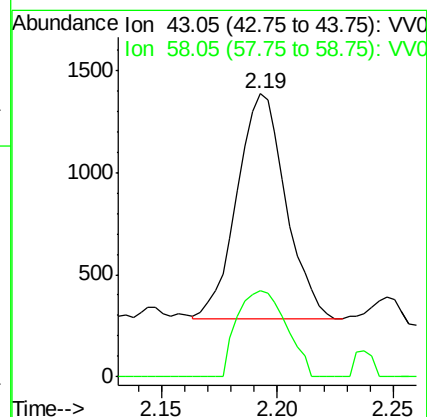
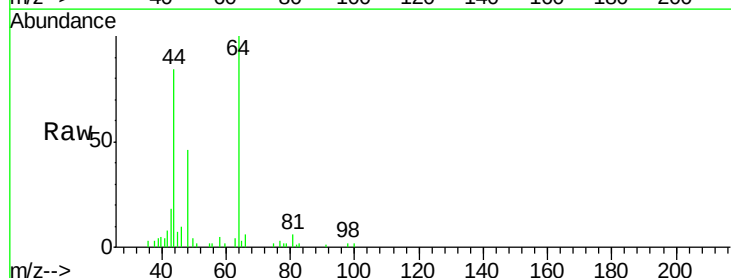
Instrument :
MSVOA_V
ClientSampleId :
BFB68

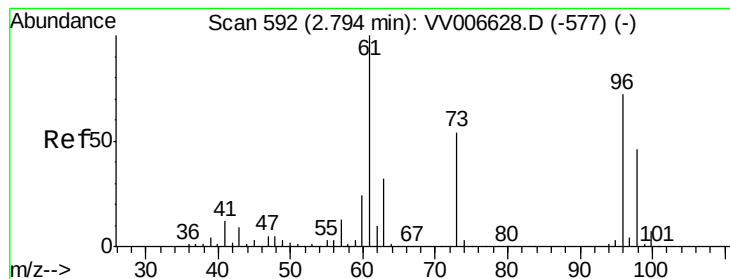
Tgt Ion: 64 Resp: 28973
Ion Ratio Lower Upper
64 100
66 5.4 22.5 41.9#



#13
Acetone
Concen: 0.478 ug/L
RT: 2.19 min Scan# 405
Delta R.T. 0.00 min
Lab File: VV006636.D
Acq: 18 Jul 2018 18:58

Tgt Ion: 43 Resp: 1605
Ion Ratio Lower Upper
43 100
58 38.6 0.0 70.8





#18

trans-1,2-Dichloroethene

Concen: 1.128 ug/L

RT: 2.79 min Scan# 591

Delta R.T. -0.00 min

Lab File: VV006636.D

Acq: 18 Jul 2018 18:58

Instrument :

MSVOA_V

ClientSampled :

BFB68

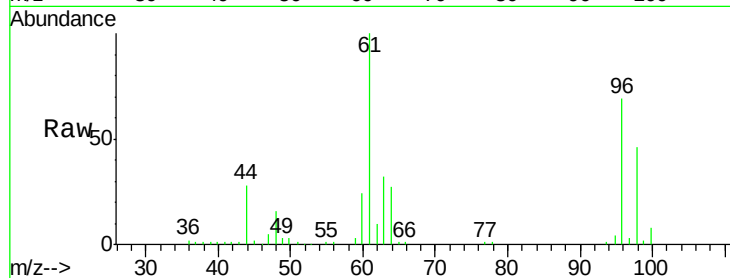
Tgt Ion: 96 Resp: 24960

Ion Ratio Lower Upper

96 100

61 145.6 98.1 182.1

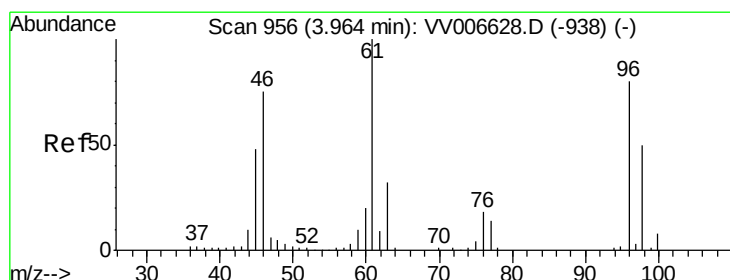
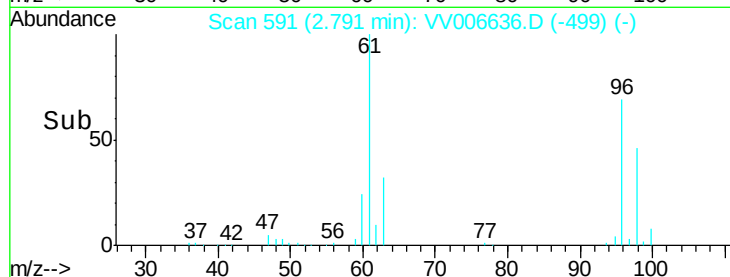
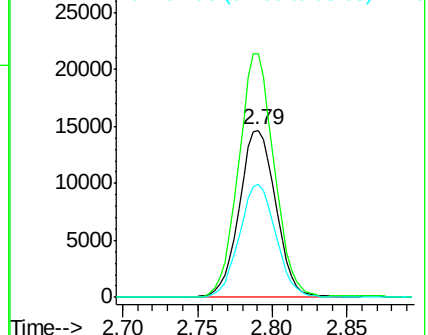
98 67.3 44.4 82.4



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



#22

cis-1,2-Dichloroethene

Concen: 2.913 ug/L

RT: 3.96 min Scan# 956

Delta R.T. 0.00 min

Lab File: VV006636.D

Acq: 18 Jul 2018 18:58

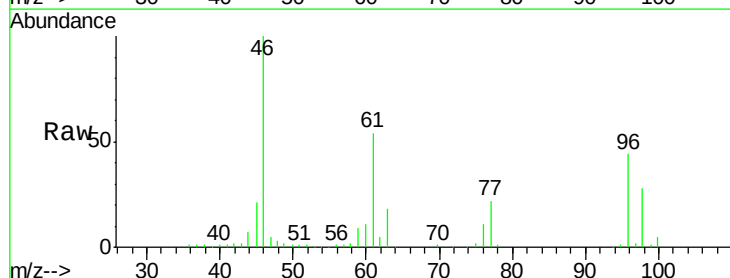
Tgt Ion: 96 Resp: 67612

Ion Ratio Lower Upper

96 100

61 124.9 86.2 160.2

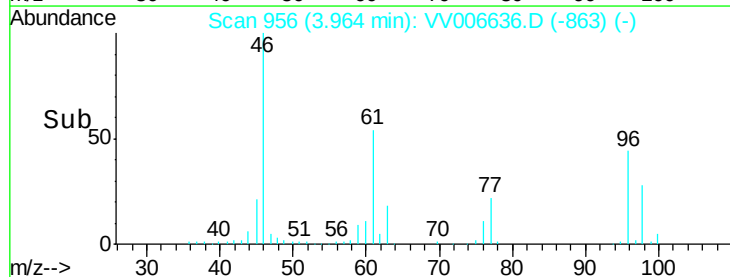
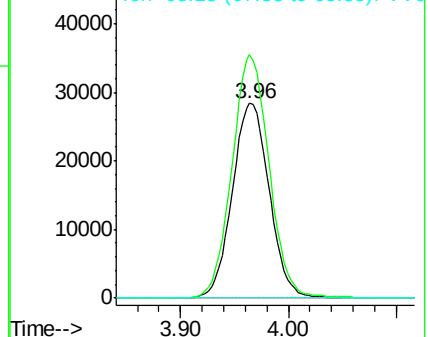
68 0.0 0.0 0.0

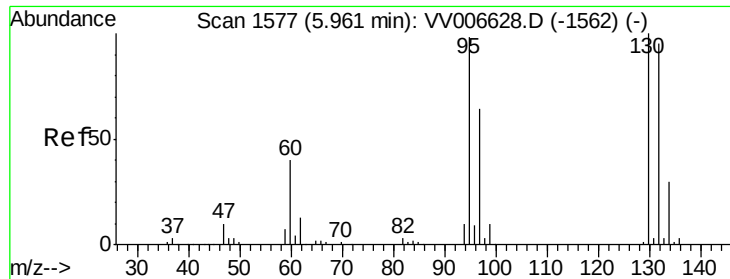


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#34

Trichloroethene

Concen: 5.094 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006636.D

Acq: 18 Jul 2018 18:58

Instrument :

MSVOA_V

ClientSampleId :

BFB68

Tgt Ion: 95 Resp: 108229

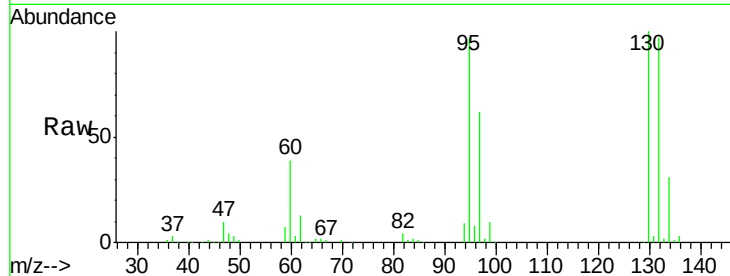
Ion Ratio Lower Upper

95 100

97 63.7 45.1 83.7

132 99.4 69.0 128.2

130 102.7 71.7 133.1

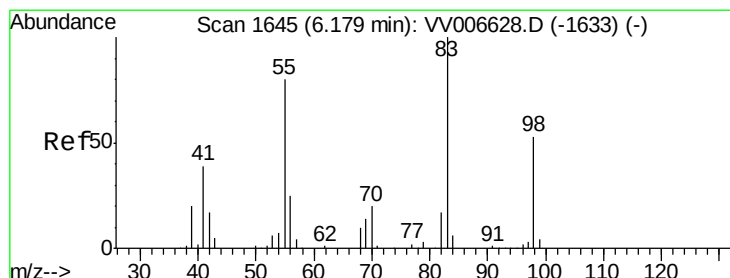
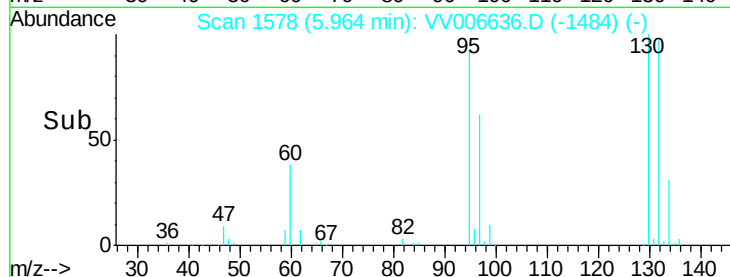
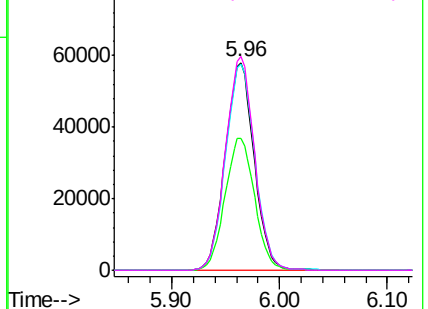


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.775 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006636.D

Acq: 18 Jul 2018 18:58

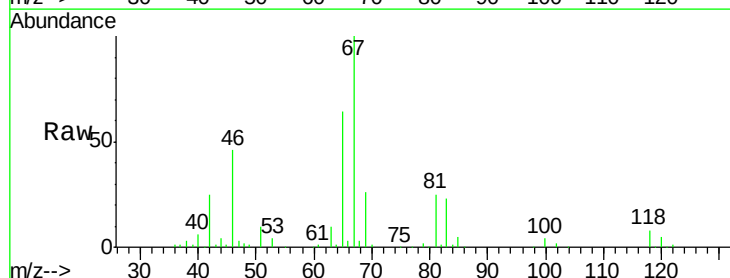
Tgt Ion: 83 Resp: 26020

Ion Ratio Lower Upper

83 100

55 0.4 60.7 91.1#

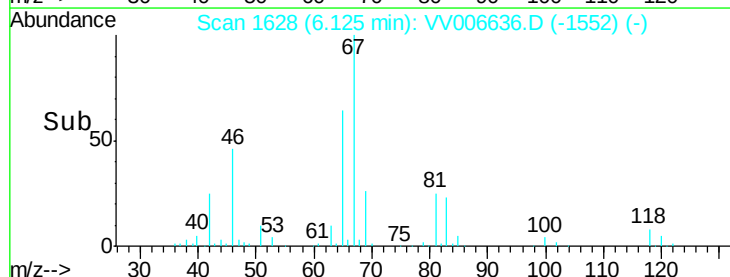
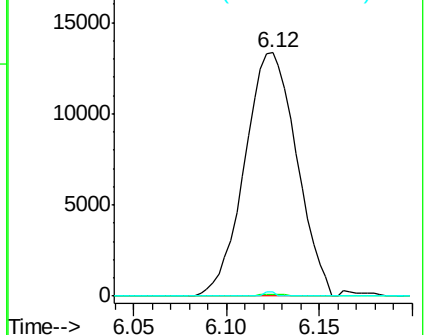
98 0.0 39.1 58.7#

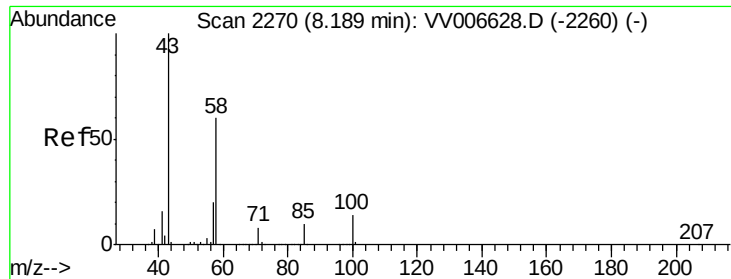


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#48
 2-Hexanone
 Concen: 2.310 ug/L
 RT: 8.14 min Scan# 2255
 Delta R.T. -0.05 min
 Lab File: VV006636.D
 Acq: 18 Jul 2018 18:58

Instrument :
 MSVOA_V
 ClientSampleId :
 BFB68

Tgt Ion: 43 Resp: 20734
 Ion Ratio Lower Upper
 43 100
 58 31.9 48.2 72.4#
 57 29.5 16.2 24.4#
 100 1.6 11.0 16.4#

