

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071718\
 Data File : VV006621.D
 Acq On : 17 Jul 2018 17:15
 Operator : SY/MD
 Sample : J3983-10
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB180

Quant Time: Jul 18 03:06:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 17 15:32:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	296185	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	272635	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	127940	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	115527	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.58	69	87360	4.18	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.60%
11) 1,1-Dichloroethene-d2	2.13	63	140990	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	3.98	46	202734	51.13	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.26%
24) Chloroform-d	4.40	84	168561	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.20%
26) 1,2-Dichloroethane-d4	5.09	65	79293	3.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.40%
32) Benzene-d6	5.10	84	362547	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.00%
36) 1,2-Dichloropropane-d6	6.12	67	113783	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.20%
41) Toluene-d8	7.36	98	323018	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.20%
43) trans-1,3-Dichloropropene-	7.67	79	36248	3.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.20%
46) 2-Hexanone-d5	8.14	63	179177	32.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.72%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	76753	3.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	66.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	116739	3.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.80%#

Target Compounds

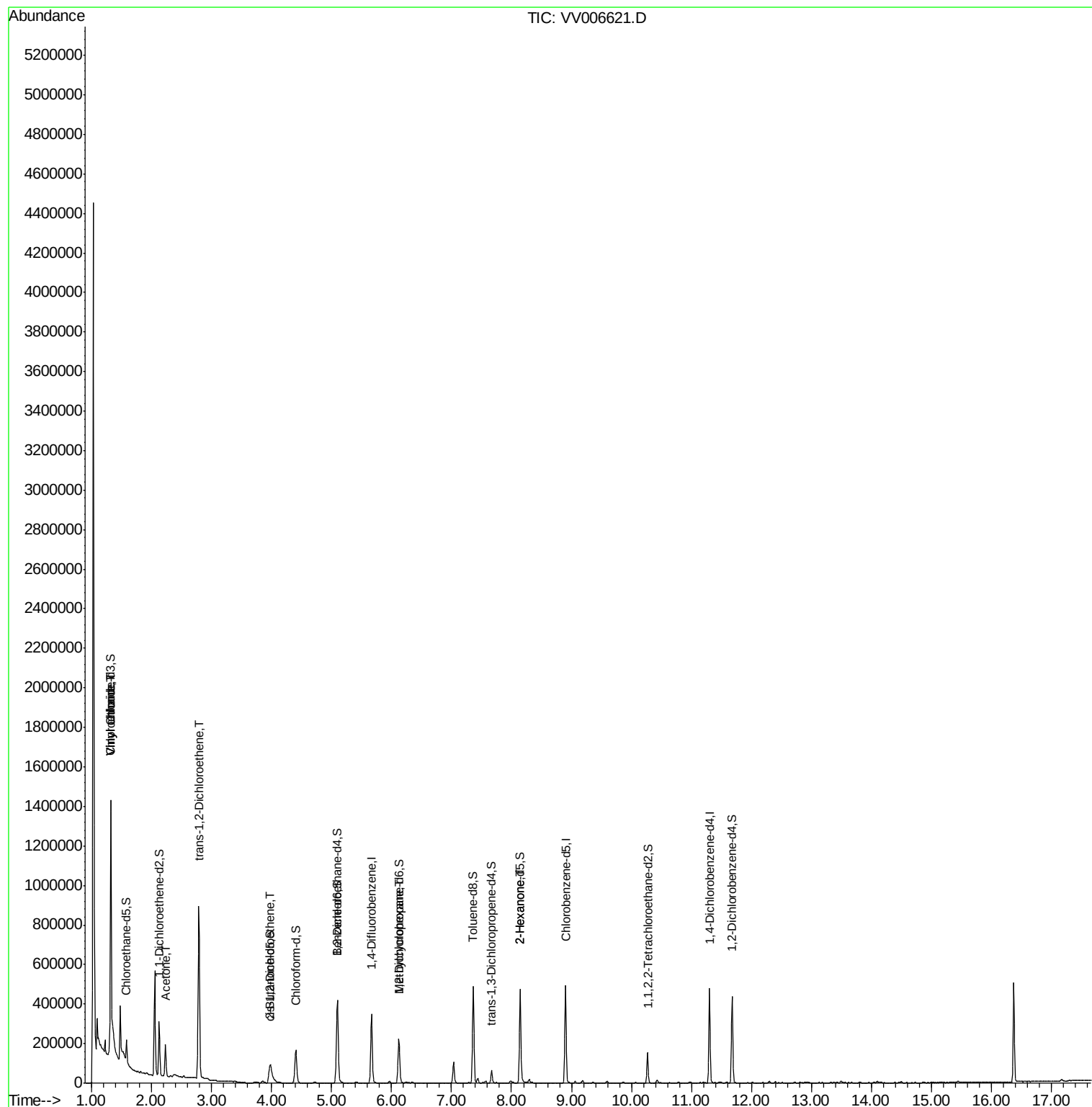
					Qvalue
5) Vinyl chloride	1.32	62	884060	24.839 ug/L	94
8) Chloroethane	1.32	64	350109	17.515 ug/L #	45
13) Acetone	2.23	43	3819	0.965 ug/L #	1
18) trans-1,2-Dichloroethene	2.79	96	327430	12.556 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	6020	0.220 ug/L	95
35) Methylcyclohexane	6.12	83	26500	0.663 ug/L #	19
48) 2-Hexanone	8.14	43	20245	1.895 ug/L #	64

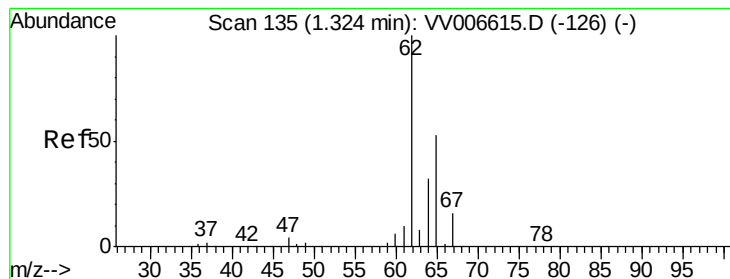
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 24.839 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV006621.D

Acq: 17 Jul 2018 17:15

Instrument :

MSVOA_V

ClientSampleId :

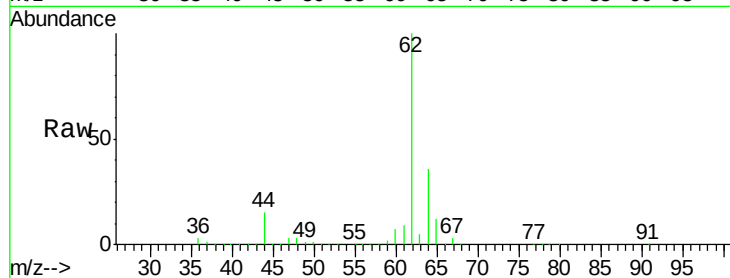
DB180

Tgt Ion: 62 Resp: 884060

Ion Ratio Lower Upper

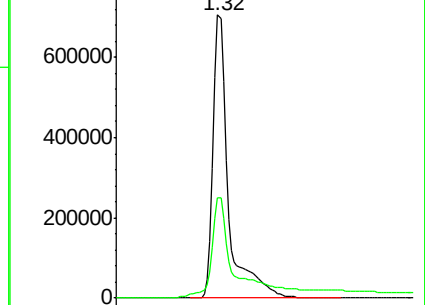
62 100

64 35.6 22.6 42.0

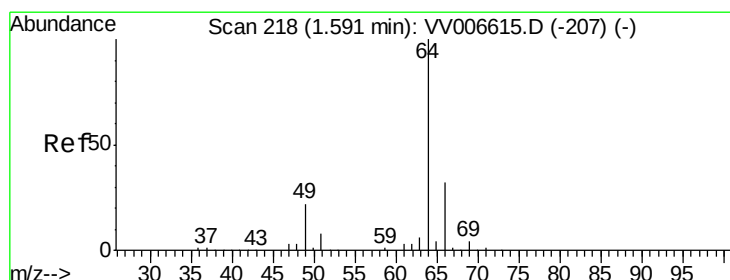
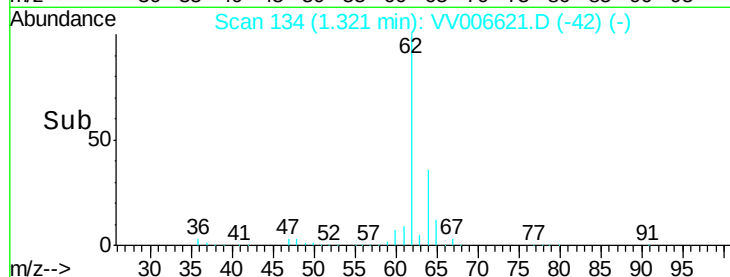


Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



Time-->



#8

Chloroethane

Concen: 17.515 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.27 min

Lab File: VV006621.D

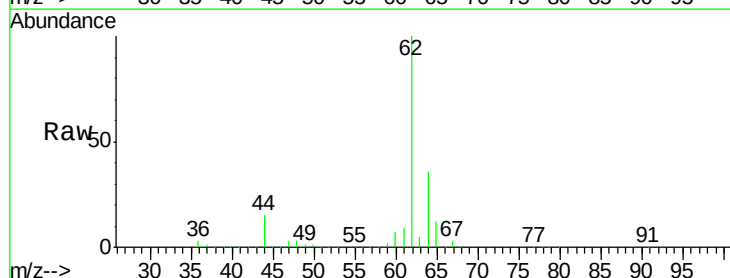
Acq: 17 Jul 2018 17:15

Tgt Ion: 64 Resp: 350109

Ion Ratio Lower Upper

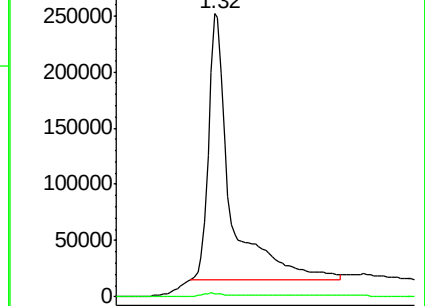
64 100

66 1.3 22.5 41.9#

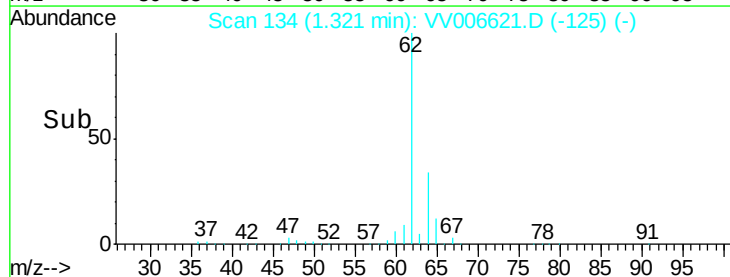


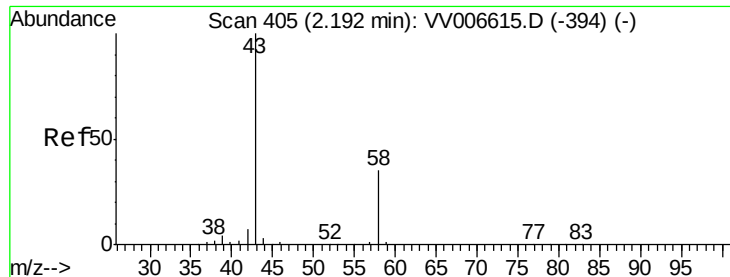
Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



Time-->





#13

Acetone

Concen: 0.965 ug/L

RT: 2.23 min Scan# 416

Delta R.T. 0.04 min

Lab File: VV006621.D

Acq: 17 Jul 2018 17:15

Instrument :

MSVOA_V

ClientSampled :

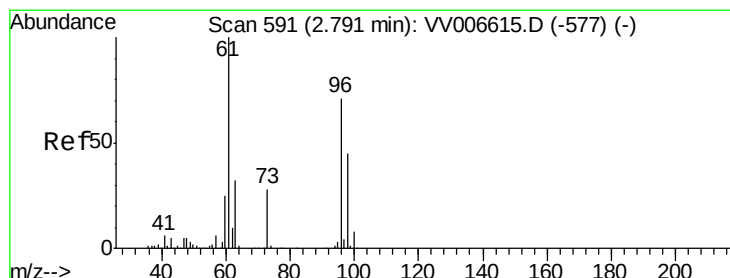
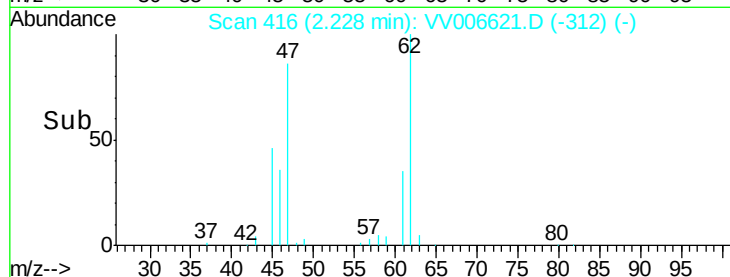
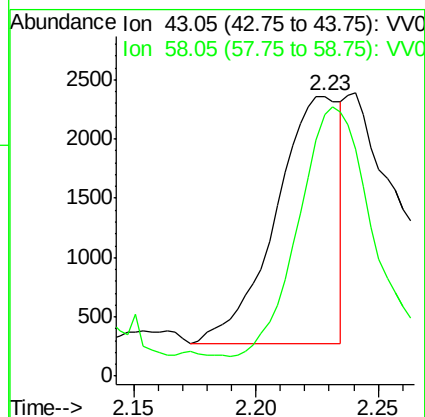
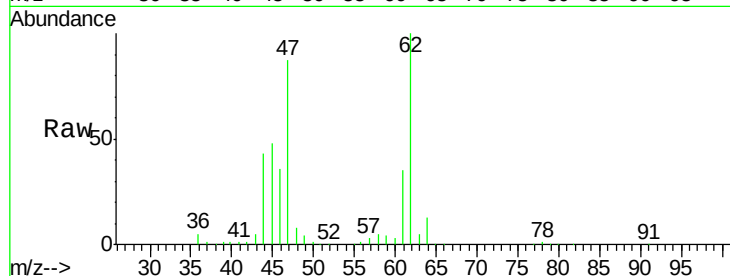
DB180

Tgt Ion: 43 Resp: 3819

Ion Ratio Lower Upper

43 100

58 125.3 0.0 70.8#



#18

trans-1,2-Dichloroethene

Concen: 12.556 ug/L

RT: 2.79 min Scan# 591

Delta R.T. 0.00 min

Lab File: VV006621.D

Acq: 17 Jul 2018 17:15

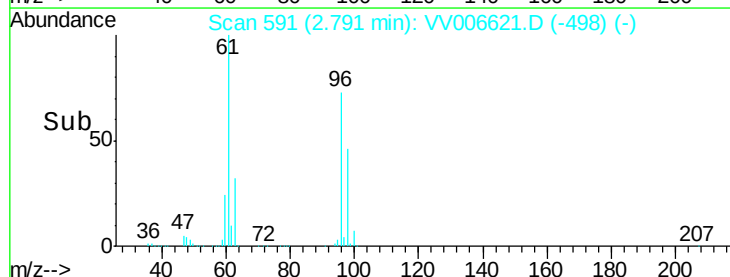
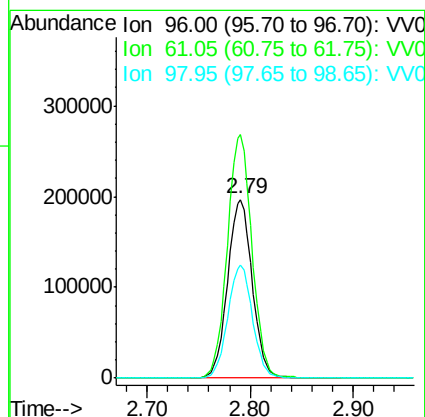
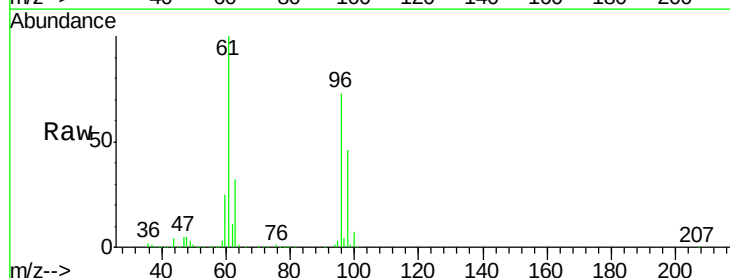
Tgt Ion: 96 Resp: 327430

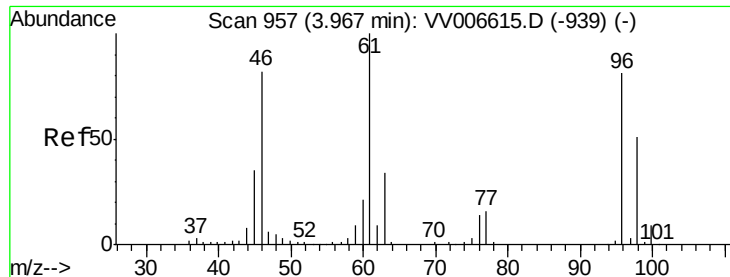
Ion Ratio Lower Upper

96 100

61 136.4 98.1 182.1

98 63.2 44.4 82.4





#22

cis-1,2-Dichloroethene

Concen: 0.220 ug/L

RT: 3.96 min Scan# 955

Delta R.T. -0.01 min

Lab File: VV006621.D

Acq: 17 Jul 2018 17:15

Instrument :

MSVOA_V

ClientSampleId :

DB180

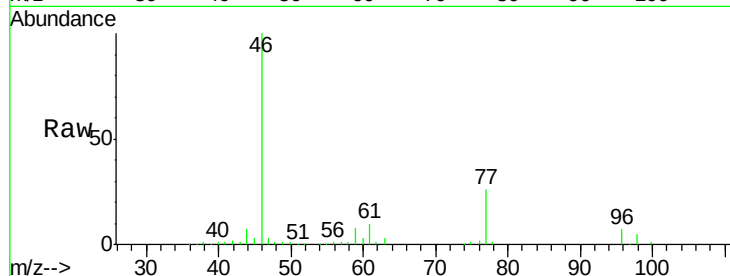
Tgt Ion: 96 Resp: 6020

Ion Ratio Lower Upper

96 100

61 128.7 86.2 160.2

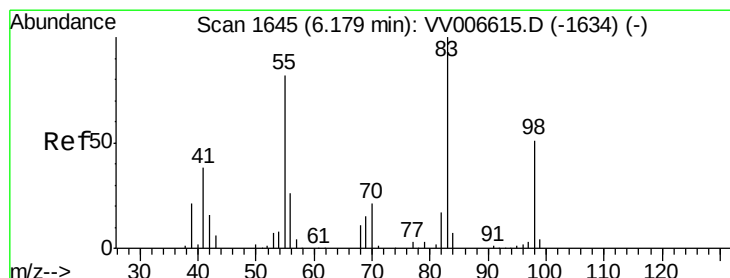
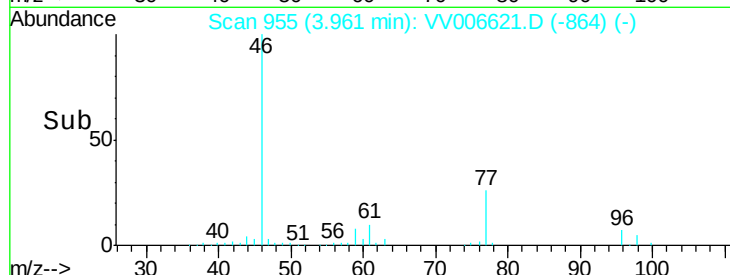
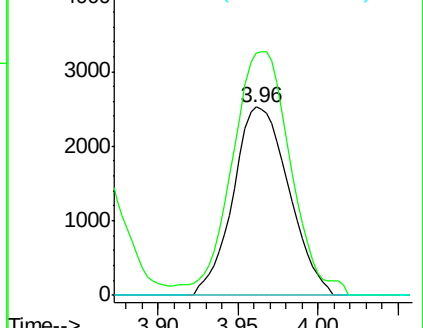
68 0.0 0.0 0.0



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



#35

Methylcyclohexane

Concen: 0.663 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006621.D

Acq: 17 Jul 2018 17:15

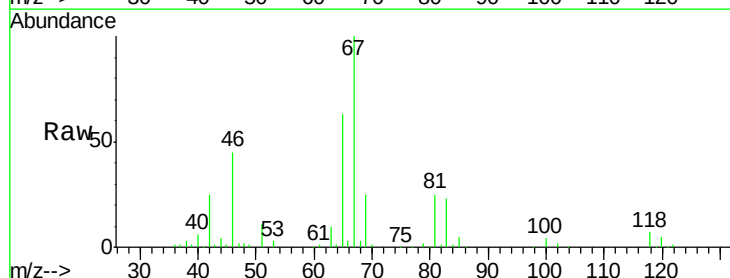
Tgt Ion: 83 Resp: 26500

Ion Ratio Lower Upper

83 100

55 0.1 60.7 91.1#

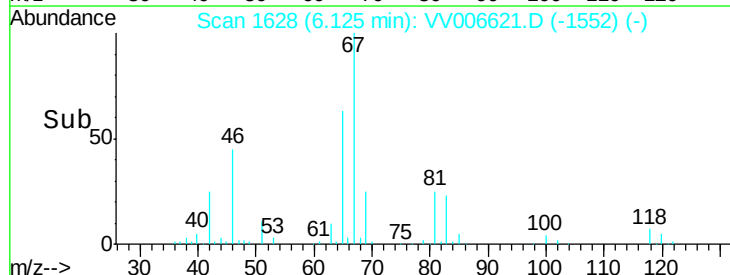
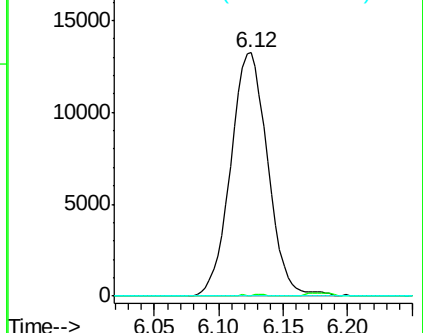
98 0.8 39.1 58.7#

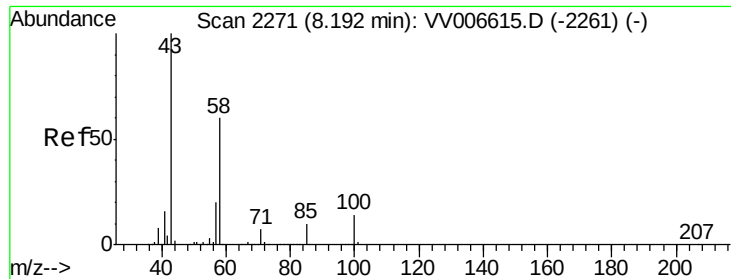


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#48

2-Hexanone

Concen: 1.895 ug/L

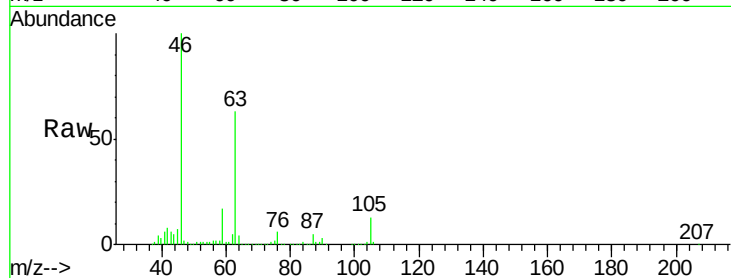
RT: 8.14 min Scan# 2256

Delta R.T. -0.05 min

Lab File: VV006621.D

Acq: 17 Jul 2018 17:15

Instrument :
MSVOA_V
ClientSampleId :
DB180



Tgt Ion:	43	Resp:	20245
Ion	Ratio	Lower	Upper
43	100		
58	27.0	48.2	72.4#
57	27.4	16.2	24.4#
100	1.0	11.0	16.4#

