

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080820\
 Data File : VV017867.D
 Acq On : 08 Aug 2020 20:32
 Operator : SY/MD
 Sample : L3608-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L47

Quant Time: Aug 10 05:11:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 10 05:09:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	235944	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	220021	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	112367	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	34995	28.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	57.44%#
7) Chloroethane-d5	1.58	69	38386	37.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.16%
11) 1,1-Dichloroethene-d2	2.12	63	79865	27.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.56%#
21) 2-Butanone-d5	3.91	46	81679	107.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.05%
24) Chloroform-d	4.38	84	140567	44.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.06	65	111159	47.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.78%
32) Benzene-d6	5.07	84	235272	46.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.62%
36) 1,2-Dichloropropane-d6	6.09	67	65035	50.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.96%
41) Toluene-d8	7.34	98	237769	46.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.12%
43) trans-1,3-Dichloropropene-	7.64	79	33254	40.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.18%
47) 2-Hexanone-d5	8.11	63	56238	120.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.53%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	98401	49.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	118652	51.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

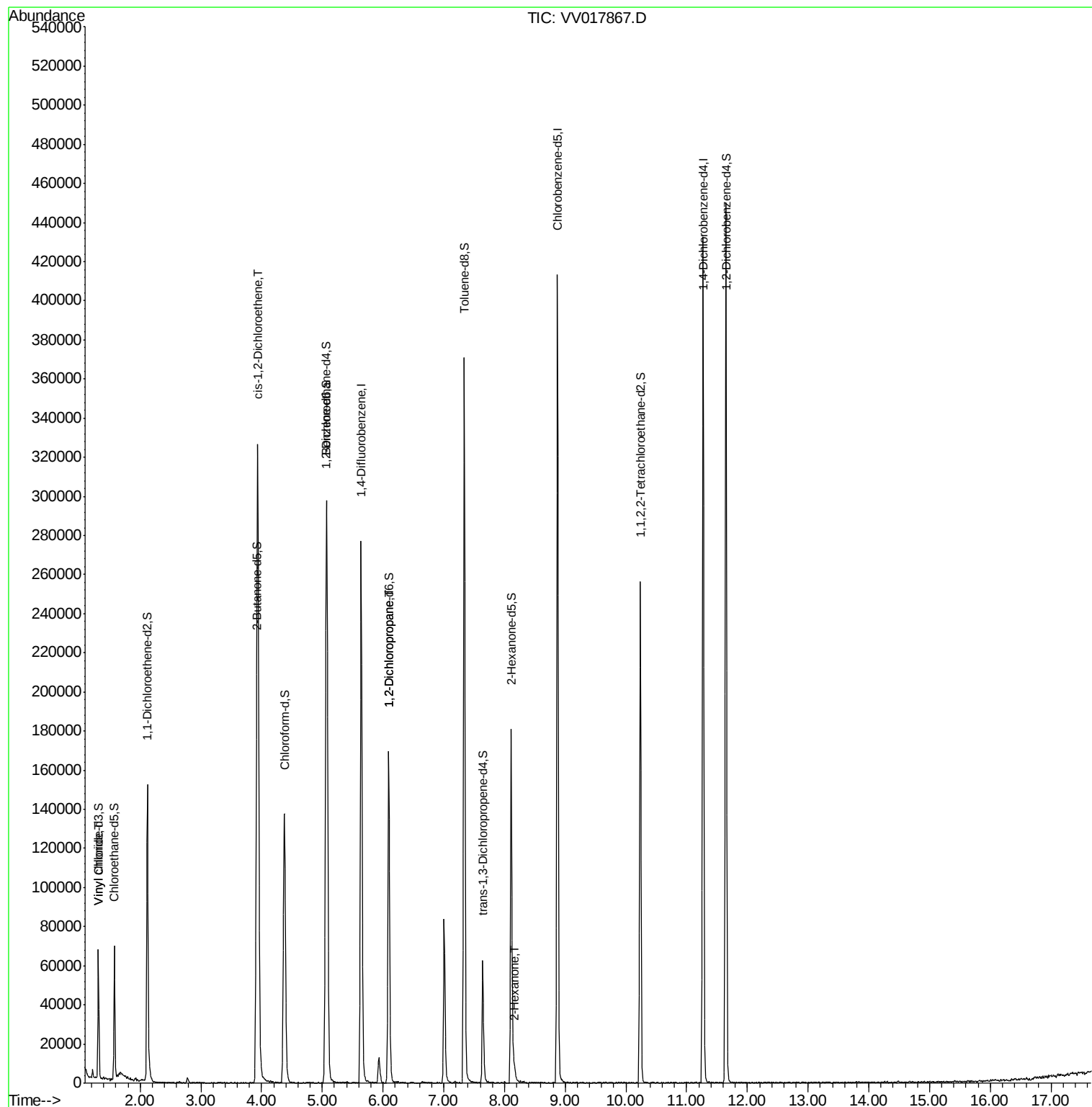
					Ovalue
5) Vinyl chloride	1.32	62	4452	3.229 ug/L #	80
20) cis-1,2-Dichloroethene	3.94	96	169015	110.302 ug/L	99
37) 1,2-Dichloropropane	6.09	63	9579	8.418 ug/L #	79
48) 2-Hexanone	8.17	43	3968	3.193 ug/L #	67

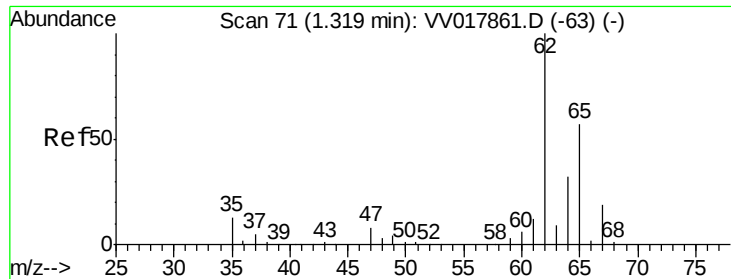
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 3.229 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV017867.D

Acq: 08 Aug 2020 20:32

Instrument :

MSVOA_V

ClientSampled :

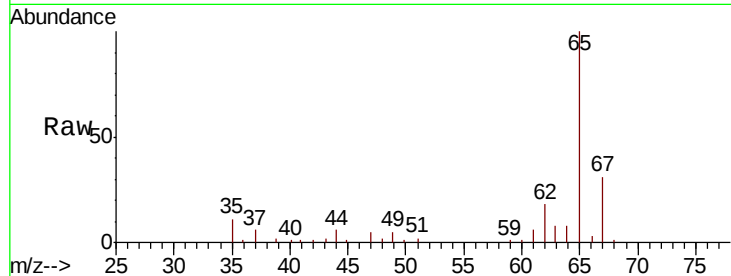
F2L47

Tot Ion: 62 Resp: 4452

Ion Ratio Lower Upper

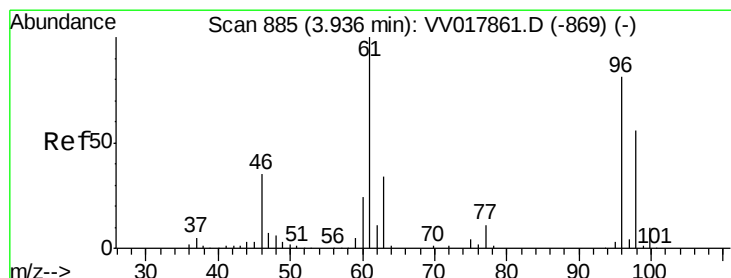
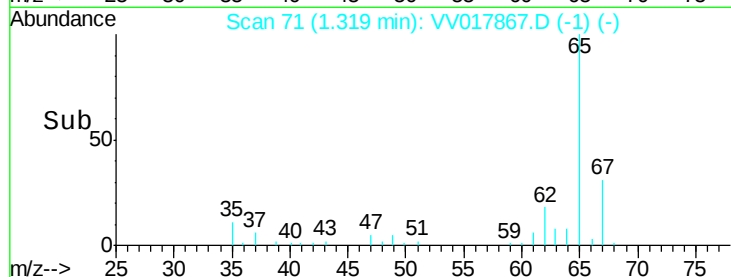
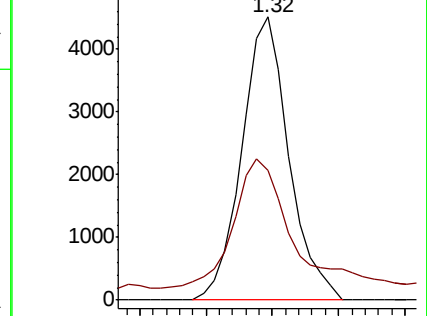
62 100

64 45.8 24.0 44.6#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 110.302 ug/L

RT: 3.94 min Scan# 885

Delta R.T. -0.00 min

Lab File: VV017867.D

Acq: 08 Aug 2020 20:32

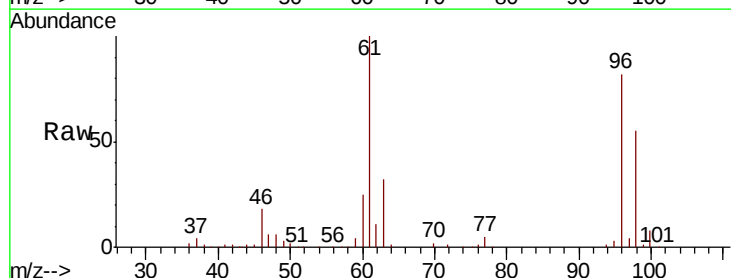
Tgt Ion: 96 Resp: 169015

Ion Ratio Lower Upper

96 100

61 121.7 84.4 156.8

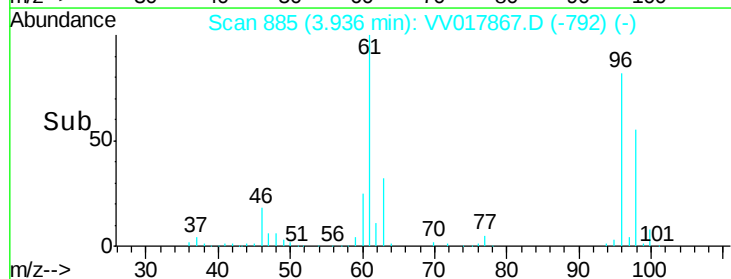
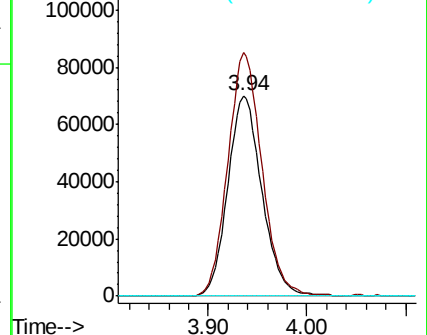
68 0.0 0.0 0.0

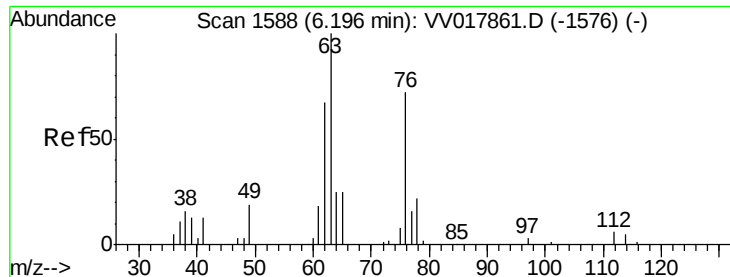


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#37

1,2-Dichloropropane

Concen: 8.418 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

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Acq: 08 Aug 2020 20:32

Instrument :

MSVOA_V

ClientSampled :

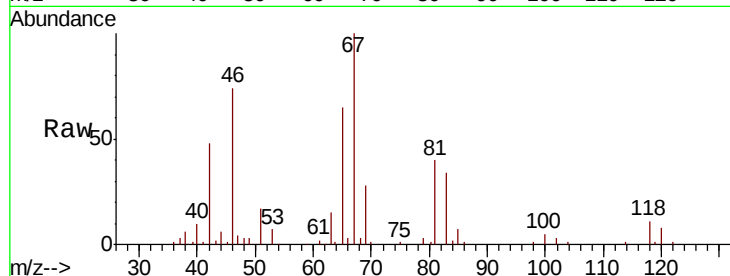
F2L47

Tot Ion: 63 Resp: 9579

Ion Ratio Lower Upper

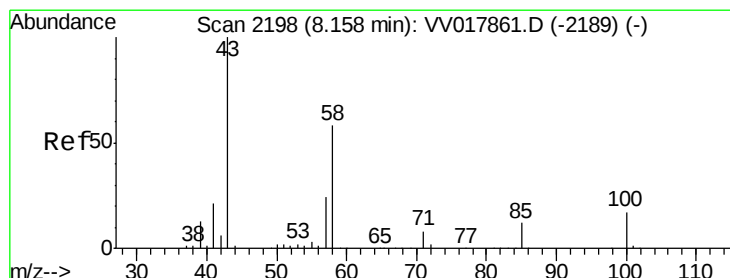
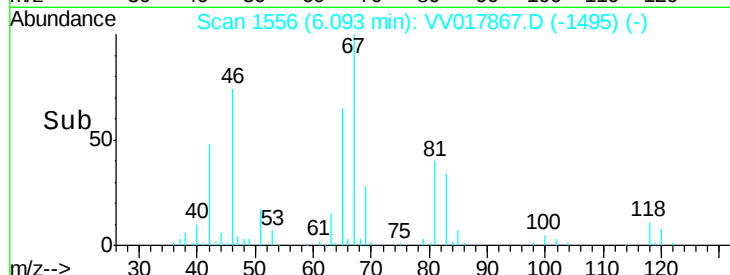
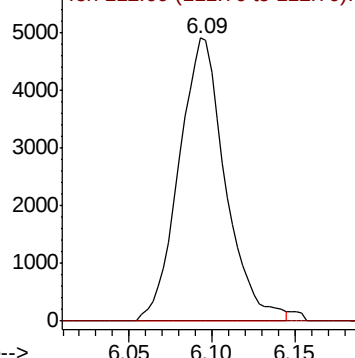
63 100

112 0.0 5.8 8.6#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V



#48

2-Hexanone

Concen: 3.193 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV017867.D

Acq: 08 Aug 2020 20:32

Tgt Ion: 43 Resp: 3968

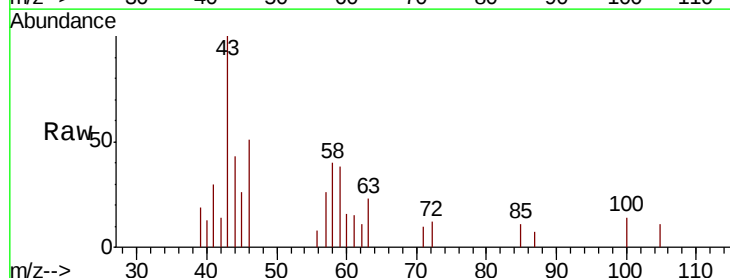
Ion Ratio Lower Upper

43 100

58 29.0 43.8 65.8#

57 5.8 18.0 27.0#

100 7.8 13.8 20.8#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

